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SAR EVALUATION REPORT

Applicant Name: Apple Inc. One Apple Park Way Cupertino, CA 95014 USA Date of Testing: 06/23/2021 – 08/23/2021 Test Site/Location: PCTEST Lab, Morgan Hill, CA, USA Document Serial No.: 1C2106080049-28.BCG (Rev 1)

FCC ID: BCGA2568

APPLICANT: APPLE, INC.

DUT Type: Tablet Device
Application Type: Certification
FCC Rule Part(s): CFR §2.1093
Model: A2568, A2569



Note: This revised Test Report supersedes and replaces the previously issued test report on the same subject device for the same type of testing as indicated. Please discard or destroy the previously issued test report(s) and dispose of it accordingly.

This wireless portable device has been shown to be capable of compliance for localized specific absorption rate (SAR) for uncontrolled environment/general population exposure limits specified in ANSI/IEEE C95.1-1992 and has been tested in accordance with the measurement procedures specified in Section 1.8 of this report; for North American frequency bands only.

I attest to the accuracy of data. All measurements reported herein were performed by me or were made under my supervision and are correct to the best of my knowledge and belief. I assume full responsibility for the completeness of these measurements and vouch for the qualifications of all persons taking them. Test results reported herein relate only to the item(s) tested.









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1 DEVICE UNDER TEST

1.1 Device Overview

Band & Mode	Operating Modes	Tx Frequency
UMTS 850	Data	826.40 - 846.60 MHz
UMTS 1750	Data	1712.4 - 1752.6 MHz
UMTS 1900	Data	1852.4 - 1907.6 MHz
LTE Band 71	Data	665.5 - 695.5 MHz
LTE Band 12	Data	699.7 - 715.3 MHz
LTE Band 17	Data	706.5 - 713.5 MHz
LTE Band 13	Data	779.5 - 784.5 MHz
LTE Band 14	Data	790.5 - 795.5 MHz
LTE Band 26 (Cell)	Data	814.7 - 848.3 MHz
LTE Band 5 (Cell)	Data	824.7 - 848.3 MHz
LTE Band 4 (AWS)	Data	1710.7 - 1754.3 MHz
LTE Band 66 (AWS)	Data	1710.7 - 1779.3 MHz
LTE Band 2 (PCS)	Data	1850.7 - 1909.3 MHz
LTE Band 25 (PCS)	Data	1850.7 - 1914.3 MHz
LTE Band 30	Data	2307.5 - 2312.5 MHz
LTE Band 7	Data	2502.5 - 2567.5 MHz
LTE Band 41	Data	2498.5 - 2687.5 MHz
LTE Band 48	Data	3552.5 - 3697.5 MHz
NR Band n71	Data	665.5 - 695.5 MHz
NR Band n12	Data	701.5 - 713.5 MHz
NR Band n5 (Cell)	Data	826.5 - 846.5 MHz
NR Band n66 (AWS)	Data	1712.5 - 1777.5 MHz
NR Band n2 (PCS)	Data	1852.5 - 1907.5 MHz
NR Band n25 (PCS)	Data	1852.5 - 1912.5 MHz
NR Band n30	Data	2307.5 - 2312.5 MHz
NR Band n7	Data	2502.5 - 2567.5 MHz
NR Band n41	Data	2506.02 - 2679.99 MHz
NR Band n77 DoD	Data	3460.02 - 3540 MHz
NR Band n77 C	Data	3710.01 - 3969.99 MHz
2.4 GHz WLAN	Voice/Data	2412 - 2472 MHz
U-NII-1	Voice/Data	5180 - 5240 MHz
U-NII-2A	Voice/Data	5260 - 5320 MHz
U-NII-2C	Voice/Data	5500 - 5720 MHz
U-NII-3	Voice/Data	5745 - 5825 MHz
Bluetooth	Data	2402 - 2480 MHz

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1.2 Time-Averaging Algorithm for RF Exposure Compliance

This device is enabled with the Qualcomm® Smart Transmit feature. This feature performs time averaging algorithm in real time to control and manage transmitting power and ensure the time-averaged RF exposure is in compliance with FCC requirements all the time. Refer to Compliance Summary document for detailed description of Qualcomm® Smart Transmit feature (report SN could be found in Section 1.10 – Bibliography).

Note that WLAN operations are not enabled with Smart Transmit.

The Smart Transmit algorithm maintains the time-averaged transmit power, in turn, time-averaged RF exposure of SAR design target, below the predefined time-averaged power limit (i.e., Plimit for sub-6 radio), for each characterized technology and band (see RF Exposure Part 0 Test Report, report SN could be found in Section 1.10 - Bibliography).

Exposure Scenario:	Ant 1a/1b Body	Ant 1a/1b	Ant 2 Body	Ant 2 Maximum	Ant 3a/3b Body	Ant 3a/3b	Ant 4 Body	Ant 4 Maximum
Averaging Volume:	1g	Maximum Tune-	1g	Tune-up	1g	Maximum Tune-	1g	Tune-up
Spacing:	0 mm	Output Power*						
DSI:	1		1		1	1	1	
Technology/Band	Plimit corresponding to 0.8 W/kg	Pmax						
UMTS 850	N/A	NA	16.70	24.20	N/A	N/A	17.80	24.70
UMTS 1750	11.20	21.70	13.10	22.70	12.20	23.70	13.30	24.70
UMTS 1900	10.20	21.70	12.80	22.70	11.50	23.70	13.00	24.70
LTE Band 71	N/A	N/A	17.50	24.20	N/A	N/A	19.50	24.70
LTE Band 12	N/A	NA	17.50	24.20	N/A	N/A	17.90	24.70
LTE Band 17	N/A	NΑ	17.50	24.20	N/A	NΑ	17.90	24.70
LTE Band 13	N/A	N/A	17.25	24.20	N/A	N/A	18.50	24.70
LTE Band 14	N/A	N/A	17.25	24.20	N/A	N/A	18.50	24.70
LTE Band 26 (Cell)	N/A	N/A	16.70	24.20	N/A	N/A	17.80	24.70
LTE Band 5 (Cell)	N/A	N/A	16.70	24.20	N/A	N/A	17.80	24.70
LTE Band 5 ULCA (Cell)	N/A	N/A	16.70	24.20	N/A	N/A	17.80	24.70
LTE Band 66 (AWS)	11.20	21.70	13.10	22.70	12.20	23.70	13.30	24.70
LTE Band 66 ULCA (AWS)	11.20	22.00	13.10	23.00	12.20	24.00	13.30	24.70
LTE Band 4 (AWS)	11.20	21.70	13.10	22.70	12.20	23.70	13.30	24.70
LTE Band 25 (PCS)	10.20	21.70	12.80 12.80	22.70	11.50 11.50	23.70	13.00	24.70
LTE Band 2 (PCS) LTE Band 30	10.20	21.70	12.80	21.70	11.50	23.70	13.00	21.00
LTE Band 7	11.30	21.70	10.80	21.70	13.40	23.20	13.20	24.70
LTE Band 7 ULCA	12.00	22.00	10.80	22.50	13.70	23.50	11.00	24.70
LTE Band 41 PC3	11.21	21.71	11.11	22.50	12.81	22.71	11.71	22.71
LTE Band 41 ULCA PC3	11.21	22.01	11.11	22.51	12.81	22.71	11.71	22.71
LTE Band 41 PC2	11.21	20.06	11.11	20.56	12.81	21.56	11.71	23.06
LTE Band 41 ULCA PC2	11.21	20.36	11.11	20.86	12.81	21.86	11.71	23.36
LTE Band 48	9.31	16.61	10.01	17.31	9.01	16.41	8.91	16.91
LTE Band 48 ULCA	9.31	16.61	10.01	17.31	9.01	16.41	8.91	16.91
NR Band n71	N/A	N/A	17.50	24.20	N/A	N/A	19.50	24.70
NR Band n12	N/A	N/A	17.50	24.20	N/A	N/A	17.90	24.70
NR Band n5 (Cell)	N/A	N/A	16.70	24.20	N/A	N/A	17.80	24.70
NR Band n66 (AWS)	11.20	21.70	13.10	22.70	12.20	23.70	13.30	24.70
NR Band n25 (PCS)	10.20	21.70	12.80	22.70	11.50	23.70	13.00	24.70
NR Band n2 (PCS)	10.20	21.70	12.80	22.70	11.50	23.70	13.00	24.70
NR Band n30	11.30	17.20	12.20	17.70	13.40	18.70	13.20	20.20
NR Band n7	12.00	21.70	10.80	22.20	13.70	23.20	11.00	24.70
NR Band n41 PC3	11.70	24.70	11.50	24.70	13.90	22.70	11.10	24.70
NR Band n41 PC2	11.70	26.70	11.50	26.70	13.90	22.70	11.10	24.70
NR Band n77 PC3	9.40	23.20	10.40	22.20	10.00	24.70	10.50	24.70
NR Band n77 PC2	9.40	23.20	10.40	22.20	10.00	25.20	10.50	25.70

Smart Transmit allows the device to transmit at higher power instantaneously, as high as P_{max} , when needed, but enforces power limiting to maintain time-averaged transmit power to P_{limit} . Below table shows P_{limit} EFS settings and maximum tune up output power P_{max} configured for this EUT for various transmit conditions (Device State Index DSI). Note that the device uncertainty for sub-6GHz WWAN is +1.0/-1.0 dB for this EUT.

*Maximum tune up output power Pmax is used to configure EUT during RF tune up procedure. The maximum allowed output power is equal to maximum Tune up output power + 1.0dB device design uncertainty.

*Note all P_{limit} EFS and maximum tune up output power P_{max} levels entered in above Table correspond to average power levels after accounting for duty cycle in the case of TDD modulation schemes (for e.g., LTE TDD).

The maximum time-averaged output power (dBm) for any 3G/4G/5G WWAN technology, band, and DSI = minimum of "Plimit EFS" and "Maximum tune up output power Pmax" +1.0/-1.0 dB device uncertainty. SAR values in this report were scaled to this maximum time-averaged output power to determine compliance per KDB Publication 447498 D01v06.

The purpose of this report (Part 1 test) is to demonstrate that the EUT meets FCC SAR limits when transmitting in static transmission scenario at maximum allowable time-averaged power levels.

Measurement Condition: All conducted power and SAR measurements in this report (Part 1 test) were performed by setting Reserve_power_margin (Smart Transmit EFS entry) to 0 dB.

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1.3 Power Reduction for SAR

This device additionally utilizes a power reduction mechanism for Bluetooth and WLAN operations. When WLAN/Bluetooth is operating simultaneously with certain combinations of 3G/4G and 5 GHz WLAN antennas, the output power of is permanently reduced. SAR evaluations were additionally performed at the maximum allowed output power for these scenarios to evaluate simultaneous transmission compliance.

Additionally, this device uses an independent mechanism that limits WIFI powers to a time-averaged output power. For the purposes of this test report, all SAR measurements were performed with the algorithm disabled at the maximum time-averaged output power level. Appendix J includes verification data for this time-averaged SAR mechanism.

1.4 Nominal and Maximum Output Power Specifications

This device operates using the following maximum and nominal output power specifications. SAR values were scaled to the maximum allowed power to determine compliance per KDB Publication 447498 D01v06.

1.4.1 3G/4G/5G Output Power for Portable Use Conditions

Table 1-1 UMTS B5 (850 MHz)

	Antenna		Modulated Average Output Power (in dBm)				
Mode/Band			3GPP WCDMA	3GPP HSDPA	3GPP HSUPA	3GPP DC-	
			Rel 99	Rel 5	Rel 6	HSDPA Rel 8	
UMTS Band 5 (850 MHz)	Ant 2	Max allowed power	17.70	17.70	17.70	17.70	
		Nominal	16.70	16.70	16.70	16.70	
	Ant 4	Max allowed power	18.80	18.80	18.80	18.80	
		Nominal	17.80	17.80	17.80	17.80	

Table 1-2 UMTS B4 (1750 MHz)

			(1100 111112)				
	Antenna		Modulated Average Output Power (in dBm)				
Mode/Band			3GPP WCDMA	3GPP HSDPA	3GPP HSUPA	3GPP DC-	
			Rel 99	Rel 5	Rel 6	HSDPA Rel 8	
	Ant 1b	Max allowed power	12.20	12.20	12.20	12.20	
	Ant 10	Nominal	11.20	11.20	11.20	11.20	
	Ant 2	Max allowed power	14.10	14.10	14.10	14.10	
UMTS Band 4 (1750 MHz)		Nominal	13.10	13.10	13.10	13.10	
UIVITS BATTU 4 (1750 IVITIZ)	Ant 3b	Max allowed power	13.20	13.20	13.20	13.20	
		Nominal	12.20	12.20	12.20	12.20	
	Ant 4	Max allowed power	14.30	14.30	14.30	14.30	
	Ant 4	Nominal	13.30	13.30	13.30	13.30	

Table 1-3 UMTS B2 (1900 MHz)

	Antenna		Modulated Average Output Power (in dBm)				
Mode/Band			3GPP WCDMA	3GPP HSDPA	3GPP HSUPA	3GPP DC-	
			Rel 99	Rel 5	Rel 6	HSDPA Rel 8	
	Ant 1b	Max allowed power	11.20	11.20	11.20	11.20	
	Ant 10	Nominal	10.20	10.20	10.20	10.20	
	Ant 2	Max allowed power	13.80	13.80	13.80	13.80	
UMTS Band 2 (1900 MHz)		Nominal	12.80	12.80	12.80	12.80	
OIVITS Ballu 2 (1900 IVITI2)	Ant 3b	Max allowed power	12.50	12.50	12.50	12.50	
		Nominal	11.50	11.50	11.50	11.50	
	Ant 4	Max allowed power	14.00	14.00	14.00	14.00	
	Ant 4	Nominal	13.00	13.00	13.00	13.00	

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Table 1-4 LTE Bands

		Danus					
Made / Dond			Modulated	Average C	utput Pow	er (in dBm)	
Mode / Band		Ant 1a	Ant 1b	Ant 2	Ant 3a	Ant 3b	Ant 4
LTE FDD Band 71	Max allowed power			18.50			20.50
ETET DD Band 71	Nominal			17.50			19.50
LTE FDD Band 12	Max allowed power			18.50			18.90
	Nominal			17.50			17.90
LTE FDD Band 17	Max allowed power			18.50			18.90
	Nominal			17.50			17.90
LTE FDD Band 13	Max allowed power Nominal			18.25 17.25			19.50 18.50
	Max allowed power			18.25			19.50
LTE FDD Band 14	Nominal			17.25			18.50
	Max allowed power			17.70			18.80
LTE FDD Band 26	Nominal			16.70			17.80
LTC CDD Dowd C	Max allowed power			17.70			18.80
LTE FDD Band 5	Nominal			16.70			17.80
LTE FDD Band 5	Max allowed power			17.70			18.80
Intra-band ULCA	Nominal			16.70			17.80
LTE FDD Band 4	Max allowed power		12.20	14.10		13.20	14.30
	Nominal		11.20	13.10		12.20	13.30
LTE FDD Band 66	Max allowed power		12.20	14.10		13.20	14.30
175 5DD D 4 CC	Nominal		11.20	13.10		12.20	13.30
LTE FDD Band 66 Intra-band ULCA	Max allowed power Nominal		12.20	14.10 13.10		13.20	14.30 13.30
IIIII a-ballu OLCA	Max allowed power		11.20 11.20	13.80		12.20 12.50	14.00
LTE FDD Band 2	Nominal		10.20	12.80		11.50	13.00
	Max allowed power		11.20	13.80		12.50	14.00
LTE FDD Band 25	Nominal		10.20	12.80		11.50	13.00
LTE EDD Down 20	Max allowed power		12.30	13.20		14.40	14.20
LTE FDD Band 30	Nominal		11.30	12.20		13.40	13.20
LTE FDD Band 7	Max allowed power		13.00	11.80		14.70	12.00
	Nominal		12.00	10.80		13.70	11.00
LTE FDD Band 7	Max allowed power		13.00	11.80		14.70	12.00
Intra-band ULCA	Nominal		12.00	10.80		13.70	11.00
LTE TDD Band 41 (PC3)	Max allowed power		14.20	14.10		15.80	14.70
LTE TDD Band 41 (PC3)	Nominal		13.20	13.10 14.10		14.80	13.70 14.70
Intra-band ULCA	Max allowed power Nominal		14.20 13.20	13.10		15.80 14.80	13.70
	Max allowed power		15.85	15.75		17.45	16.35
LTE TDD Band 41 (PC2)	Nominal		14.85	14.75		16.45	15.35
LTE TDD Band 41 (PC2)	Max allowed power		15.85	15.75		17.45	16.35
Intra-band ULCA	Nominal		14.85	14.75		16.45	15.35
	Max allowed power	12.30		13.00	12.00		11.90
LTE TDD Band 48	Nominal	11.30		12.00	11.00		10.90
LTE TDD Band 48	Max allowed power	12.30		13.00	12.00		11.90
Intra-band ULCA	Nominal	11.30		12.00	11.00		10.90

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Table 1-5 NR Bands

	NR_	Bands					
			Modulated	l Average O	utput Pow	er (in dBm))
Mode / Band		Ant 1a	Ant 1b	Ant 2	Ant 3a	Ant 3b	Ant 4
NR FDD Band n71	Max allowed power			18.50			20.50
NK 1 DD Balld 11/1	Nominal			17.50			19.50
NR FDD Band n12	Max allowed power			18.50			18.90
NK I DD Balld 1112	Nominal			17.50			17.90
NR FDD Band n5	Max allowed power			17.70			18.80
NICT DD Balld 113	Nominal			16.70			17.80
NR FDD Band n66	Max allowed power		12.20	14.10		13.20	14.30
NK I DD Balld 1100	Nominal		11.20	13.10		12.20	13.30
NR FDD Band n2	Max allowed power		11.20	13.80		12.50	14.00
NICT DD Ballu liz	Nominal		10.20	12.80		11.50	13.00
NR FDD Band n25	Max allowed power		11.20	13.80		12.50	14.00
NK 1 DD Band 1125	Nominal		10.20	12.80		11.50	13.00
NR FDD Band n30	Max allowed power		12.30	13.20		14.40	14.20
NK 1 DD Ballu 1130	Nominal		11.30	12.20		13.40	13.20
NR FDD Band n7	Max allowed power		13.00	11.80		14.70	12.00
NICTOD Balld II7	Nominal		12.00	10.80		13.70	11.00
NR TDD Band n41 (PC3)	Max allowed power		12.70	12.50		14.90	12.10
[Burst Averaged]	Nominal		11.70	11.50		13.90	11.10
NR TDD Band n41 (PC2)	Max allowed power		12.70	12.50		14.90	12.10
[Burst Averaged]	Nominal		11.70	11.50		13.90	11.10
NR TDD Band n77 DOD (PC3)	Max allowed power	10.40		11.40	11.00		11.50
[Burst Averaged]	Nominal	9.40		10.40	10.00		10.50
NR TDD Band n77 DOD (PC2)	Max allowed power	10.40		11.40	11.00		11.50
[Burst Averaged]	Nominal	9.40		10.40	10.00		10.50
NR TDD Band n77 C (PC3)	Max allowed power	10.40		11.40	11.00		11.50
[Burst Averaged]	Nominal	9.40		10.40	10.00		10.50
NR TDD Band n77 C (PC2)	Max allowed power	10.40		11.40	11.00		11.50
[Burst Averaged]	Nominal	9.40		10.40	10.00		10.50

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Maximum WLAN Time-Averaged Output Power 1.4.2

Note: Targets for 802.11ax RU operations can be found in Appendix H.

	•	1010.		2.11b (2.4 GHz)		lg (2.4 GHz)	IEEE 802.11				
Mode/	Band	Chanr			Maximum	Nominal	Maximum	Non		Maximum	1
		1	12.25	10.75	12.25	10.75	12.25	10	.75	12.25	10.75
		2	12.25	10.75	12.25	10.75	12.25	10	.75	12.25	10.75
		3	12.25	10.75	12.25	10.75	12.25	10	.75	12.25	10.75
		4	12.25	10.75	12.25	10.75	12.25	10	.75	12.25	10.75
Modulated	5	12.25	10.75	12.25	10.75	12.25		.75	12.25	10.75	
Average - Single	20 MHz	6	12.25	10.75	12.25	10.75	12.25		.75	12.25	10.75
Tx Chain (dBm) -	Bandwidth	7	12.25	10.75	12.25	10.75	12.25		.75	12.25	10.75
Antenna 1a		8	12.25	10.75	12.25	10.75	12.25		.75	12.25	10.75
		9	12.25	10.75	12.25	10.75	12.25		.75	12.25	10.75
		10	12.25	10.75	12.25	10.75	12.25		.75	12.25	10.75
		11	12.25	10.75	12.25	10.75	12.25		.75	12.25	10.75
		12 13	12.25 12.25	10.75 10.75	12.25 8.00	10.75 6.50	12.25 8.00		.75 50	12.25 NS	10.75 NS
			12.23			1					
				IEEE 802.1.	lg (2.4 GHz)	IEEE 80	2.11n (2.4 (oHZ)	IEEE	802.11ax	SU (2.4 GHz)
Mo	de/ Band		Channel	Maximum	Nominal	Maximu	m Nomi	inal	Ma	ximum	Nominal
			1	12.25	10.75	12.25	10.7	10.75		2.25	10.75
			2	12.25	10.75	12.25	10.7	75	1	2.25	10.75
			3	12.25	10.75	12.25	10.7	75	1	2.25	10.75
			4	12.25	10.75	12.25	10.7	75	1	2.25	10.75
Modulated			5	12.25	10.75	12.25	10.7	75	1	.2.25	10.75
Average - 2 1		∐ 7	6	12.25	10.75	12.25	10.7	75	1	.2.25	10.75
Chain (dBm)			7	12.25	10.75	12.25	10.7	75	1	.2.25	10.75
Antenna 1a		iutii	8	12.25	10.75	12.25	10.7	75	1	.2.25	10.75
Antenna 1	'		9	12.25	10.75	12.25	10.7	75	1	.2.25	10.75
			10	12.25	10.75	12.25	10.7	75	1	.2.25	10.75
			11	12.25	10.75	12.25	10.7	75	1	.2.25	10.75
			12	12.00	10.50	12.00	10.5	50	1	.2.00	10.50
			13	7.50	6.00	7.50	6.0	0		NS	NS

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

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			IEEE 802	2.11b (2.4 GHz)	IEEE 802.11	lg (2.4 GHz)	IEEE 802.11	n (2.4 (GHz)	IEEE 802.11ax SU (2.4 GH	
Mode	/ Band	Chann	nel Maximu	m Nominal	Maximum	Nominal	Maximum	Nom	ninal	Maximum	Nominal
		1	11.50	10.00	11.50	10.00	11.50	10.	.00	11.50	10.00
		2	11.50	10.00	11.50	10.00	11.50	10.	.00	11.50	10.00
		3	11.50	10.00	11.50	10.00	11.50	10.	.00	11.50	10.00
		4	11.50	10.00	11.50	10.00	11.50	10.	.00	11.50	10.00
Modulated	5	11.50	10.00	11.50	10.00	11.50	10.		11.50	10.00	
Average -	20 MHz	6	11.50	10.00	11.50	10.00	11.50	10.		11.50	10.00
Single Tx Chain	Bandwidth	7	11.50	10.00	11.50	10.00	11.50	10.		11.50	10.00
(dBm) -		8	11.50	10.00	11.50	10.00	11.50	10.		11.50	10.00
Antenna 3a		9	11.50	10.00	11.50	10.00	11.50	10.		11.50	10.00
		10	11.50	10.00	11.50	10.00	11.50	10.		11.50	10.00
		11	11.50 11.50	10.00 10.00	11.50 11.50	10.00	11.50 11.50	10. 10.		11.50 11.50	10.00
		12	11.50	10.00	8.00	6.50	8.00	6.5		NS NS	NS
					lg (2.4 GHz)		2.11n (2.4 G				SU (2.4 GHz)
Mo	de/ Band		Channel	Maximum	Nominal	Maximu				aximum	Nominal
			1	11.50	10.00	11.50	10.0	10.00		11.50	10.00
			2	11.50	10.00	11.50	10.0	0		11.50	10.00
			3	11.50	10.00	11.50	10.0	0		11.50	10.00
			4	11.50	10.00	11.50	10.0	0		11.50	10.00
Modulated			5	11.50	10.00	11.50	10.0	0		11.50	10.00
		1-	6	11.50	10.00	11.50	10.0	0		11.50	10.00
Average - 2 7 Chain (dBm)	_		7	11.50	10.00	11.50	10.0	0		11.50	10.00
Antenna 3a		iutii	8	11.50	10.00	11.50	10.0	0		11.50	10.00
Antenna Sa	1		9	11.50	10.00	11.50	10.0	0		11.50	10.00
			10	11.50	10.00	11.50	10.0	0		11.50	10.00
			11	11.50	10.00	11.50	10.0	0		11.50	10.00
			12	11.50	10.00	11.50	10.0	0		11.00	9.50
	La MINAO		13	7.50	6.00	7.50	6.0			NS	NS NS

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Mode/ Band				IEEE 802.1	11a (5 GHz)	IEEE 802.1	1n (5 GHz)	IEEE 802.11	ac (5 GHz)	IEEE 802.11ax SU (5 GHz)	
## A	Mode	/ Band	Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
### A			36	15.50	14.00	15.50	14.00	15.50	14.00	15.50	14.00
### A			40	15.50	14.00	15.50	14.00	15.50	14.00	15.50	14.00
Second S			44	15.50	14.00	15.50	14.00	15.50	14.00	15.50	14.00
Se			48	15.50	14.00	15.50	14.00	15.50	14.00	15.50	14.00
Modulated Average-Single Tx Chain (dBm) - SGHz Antenna ST 60			52	14.75	13.25	14.75	13.25	14.75	13.25	14.75	13.25
Modulated Average Single Tx Chain (dBm) - SGHZ Antenna ST Modulated Average Single Tx Chain (dBm)			56	14.75	13.25	14.75	13.25	14.75	13.25	14.75	13.25
Modulated Average Single Tx Chain (dBm) - SGHz Antenna ST Modulated Average Single Tx Chain (dBm) - SGHz Antenna ST 40 MHz Bandwidth 40			60	14.75	13.25	14.75	13.25	14.75	13.25	14.75	13.25
Modulated Average Single Tx Chain (dBm) - SGHz Antenna ST 40 MHz Bandwidth 40 MHz			64	14.75	13.25	14.75	13.25	14.75	13.25	14.75	13.25
Modulated Average Single Tx Chain (dBm) - SGHz Antenna ST Modulated Average Single Tx Chain (dBm) - SGHz Antenna ST Modulated Average Single Tx Chain (dBm) - SGHz Antenna ST Modulated Average Single Tx Chain (dBm) - SGHz Antenna ST Modulated Average Single Tx Chain (dBm) - SGHz Antenna ST Modulated Average Single Tx Chain (dBm) - SGHz Antenna ST Modulated Average Single Tx Chain (dBm) - SGHz Antenna ST Modulated Average Single Tx Chain (dBm) - SGHz Antenna ST Modulated Average Single Tx Chain (dBm) - SGHz Antenna ST Modulated Average Single Tx Chain (dBm) - SGHz Antenna ST Modulated Average Single Tx Chain (dBm) - SGHz Antenna ST Modulated Average Single Tx Chain (dBm) - SGHz Antenna ST Modulated Average Single Tx Chain (dBm) - SGHz Antenna ST Modulated Average Single Tx Chain (dBm) - SGHz Antenna ST Modulated Average Single Tx Chain (dBm) - SGHz Antenna ST			100	14.25	12.75	14.25	12.75	14.25	12.75	14.25	12.75
Modulated Average Single Tx Chain (dBm) - SGHz Antenna ST 10 MHz Bandwidth 112			104	14.25	12.75	14.25	12.75	14.25	12.75	14.25	12.75
Modulated Average Single Tx Chain (dBm) - SGHz Antenna ST Modulated Average Single Tx Chain (dBm) - SGHz Antenna ST			108	14.25	12.75	14.25	12.75	14.25	12.75	14.25	12.75
Modulated Average Single Tx Chain (dBm) - 5GHz Antenna ST Modulated Average Single Tx Chain (dBm) - 15GHz Antenna ST Modulated Average Single Tx Chain (dBm) - 15GHz Antenna ST Modulated Average Single Tx Chain (dBm) - 15GHz Antenna ST Modulated Average Single Tx Chain (dBm) - 15GHz Antenna ST Modulated Average Single Tx Chain (dBm) - 15GHz Antenna ST Modulated Average Single Tx Chain (dBm) - 15GHz Antenna ST Modulated Average Single Tx Chain (dBm) - 15GHz Antenna ST Modulated Average Single Tx Chain (dBm) - 15GHz Antenna ST Modulated Average Single Tx Chain (dBm) - 15GHz Antenna ST Modulated Average Single Tx Chain (dBm) - 15GHz Antenna ST Modulated Average Single Tx Chain (dBm) - 144			112	14.25	12.75	14.25	12.75	14.25	12.75	14.25	12.75
Modulated Average-Single Tx Chain (dBm) - 5GHz Antenna 5T Antenna 5T Modulated Average-Single Tx Chain (dBm) - 14.25 14.75 13.2		20 MHz Bandwidth	116	14.25	12.75	14.25	12.75	14.25	12.75	14.25	12.75
Modulated Average Single Tx Chain (dBm) - SGHz Antenna ST 40 MHz Bandwidth 40 MHz Bandwidth 40 MHz Bandwidth 80 MHz Bandwidth 128 14.25 12.75 14.			120	14.25	12.75	14.25	12.75	14.25	12.75	14.25	12.75
Modulated Average Single Tx Chain (dBm) - SGHz Antenna ST 40 MHz Bandwidth 40 MHz Bandwidth 40 MHz Bandwidth 80 MHz Bandwidth 128 14.25 12.75 14.			124	14.25	12.75	14.25	12.75	14.25	12.75	14.25	12.75
Modulated Average Single Tx Chain (dBm) - 5GHz Antenna ST Antenna ST 40 MHz Bandwidth 136 14.25 12.75 14.25 12.											
Modulated Average Single Tx Chain (dBm) - 5GHz Antenna ST			132	14.25	12.75	14.25	12.75	14.25	12.75	14.25	12.75
Modulated Average- Single Tx Chain (dBm) - SGHz Antenna ST Hung 14.75 Antenna ST Modulated Average- Single Tx Chain (dBm) - SGHz Antenna ST Hung 14.75 Hung 1			136	14.25	12.75	14.25	12.75	14.25	12.75	14.25	12.75
Modulated Average- Single Tx Chain (dBm) - SGHz Antenna ST 144											
Single Tx Chain (dBm) - 5GHz Antenna 5T Hay 14.75 13.25 14.25 12.75 14.25 12.			144	14.25					12.75		
153	_										
Antenna ST 157	-		153								
Antenna S1 161			157	14.75	13.25	14.75	13.25	14.75	13.25	14.75	13.25
40 MHz Bandwidth 15.25	Antenna 51		161						13.25		
46			165	14.75	13.25	14.75	13.25	14.75	13.25	14.75	13.25
40 MHz Bandwidth 54			38			15.25	13.75	15.25	13.75	14.00	12.50
40 MHz Bandwidth 62 14.75 13.25 14.75 13.25 14.50 13.00 14.25 12.75			46					15.50		15.50	14.00
40 MHz Bandwidth 102 14.25 12.75			54			14.75	13.25	14.75	13.25	14.75	13.25
40 MHz Bandwidth 110			62			14.75	13.25	14.75	13.25	14.50	13.00
40 MHz Bandwidth 110 14.25 12.75			102								
118 14.25 12.75 13.25 14.75 14.25 12.75 14.25 12.75		40 MILE Be a do : 111	110			14.25	12.75	14.25	12.75	14.25	12.75
126 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 15.00 13.00 14.00 12.50 14.25 12.75 14.25 12.75 14.25 12.75		40 MHz Bandwidth	118			14.25	12.75	14.25	12.75	14.25	12.75
134 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75			126					14.25		14.25	
142 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 151 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75											
151 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 13.25 14.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75											
42 15.00 13.50 14.00 12.50 58 14.50 13.00 14.00 12.50 14.50 14.50 13.00 14.00 12.50 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75			151								
42 15.00 13.50 14.00 12.50 58 14.50 13.00 14.00 12.50 14.50 14.50 13.00 14.00 12.50 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75			159			14.75		14.75	13.25	14.75	
80 MHz Bandwidth 58 14.50 13.00 14.00 12.50 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75											
80 MHz Bandwidth 106 14.25 12.75 14.25 12.75 14.25 12.75 14.25 12.75											
80 MHz Bandwidth 122 14.25 12.75 14.25 12.75			106								
		80 MHz Bandwidth									
			138						12.75		12.75
155 14.75 13.25 14.75 13.25											

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			IEEE 802.1	11a (5 GHz)	IEEE 802.1	1n (5 GHz)	IEEE 802.11	ac (5 GHz)	IEEE 802.11a	ex SU (5 GHz)
Mode	/ Band	Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
		36	15.50	14.00	15.50	14.00	15.50	14.00	15.50	14.00
		40	15.50	14.00	15.50	14.00	15.50	14.00	15.50	14.00
		44	15.50	14.00	15.50	14.00	15.50	14.00	15.50	14.00
		48	15.50	14.00	15.50	14.00	15.50	14.00	15.50	14.00
		52	14.75	13.25	14.75	13.25	14.75	13.25	14.75	13.25
		56	14.75	13.25	14.75	13.25	14.75	13.25	14.75	13.25
		60	14.75	13.25	14.75	13.25	14.75	13.25	14.75	13.25
		64	14.75	13.25	14.75	13.25	14.75	13.25	14.75	13.25
		100	14.25	12.75	14.25	12.75	14.25	12.75	14.25	12.75
		104	14.25	12.75	14.25	12.75	14.25	12.75	14.25	12.75
		108	14.25	12.75	14.25	12.75	14.25	12.75	14.25	12.75
		112	14.25	12.75	14.25	12.75	14.25	12.75	14.25	12.75
	20 MHz Bandwidth	116	14.25	12.75	14.25	12.75	14.25	12.75	14.25	12.75
		120	14.25	12.75	14.25	12.75	14.25	12.75	14.25	12.75
		124	14.25	12.75	14.25	12.75	14.25	12.75	14.25	12.75
		128	14.25	12.75	14.25	12.75	14.25	12.75	14.25	12.75
		132	14.25	12.75	14.25	12.75	14.25	12.75	14.25	12.75
		136	14.25	12.75	14.25	12.75	14.25	12.75	14.25	12.75
		140	14.25	12.75	14.25	12.75	14.25	12.75	13.50	12.00
Modulated Average -		144	14.25	12.75	14.25	12.75	14.25	12.75	14.25	12.75
2 Tx Chain (dBm)		149	14.75	13.25	14.75	13.25	14.75	13.25	14.75	13.25
CDD - 5GHz Antenna		153	14.75	13.25	14.75	13.25	14.75	13.25	14.75	13.25
5T		157	14.75	13.25	14.75	13.25	14.75	13.25	14.75	13.25
31		161	14.75	13.25	14.75	13.25	14.75	13.25	14.75	13.25
		165	14.75	13.25	14.75	13.25	14.75	13.25	14.75	13.25
		38			14.50	13.00	14.50	13.00	13.50	12.00
		46			15.50	14.00	15.50	14.00	15.50	14.00
		54			14.75	13.25	14.75	13.25	14.75	13.25
		62			14.75	13.25	14.75	13.25	14.00	12.50
		102			14.25	12.75	14.25	12.75	13.50	12.00
	40 MHz Bandwidth	110			14.25	12.75	14.25	12.75	14.25	12.75
		118			14.25	12.75	14.25	12.75	14.25	12.75
		126			14.25	12.75	14.25	12.75	14.25	12.75
		134			14.25	12.75	14.25	12.75	14.25	12.75
		142			14.25	12.75	14.25	12.75	14.25	12.75
		151			14.75	13.25	14.75	13.25	14.75	13.25
		159			14.75	13.25	14.75	13.25	14.75	13.25
		42					14.00	12.50	13.50	12.00
		58					13.50	12.00	13.00	11.50
	80 MHz Bandwidth	106					13.25	11.75	12.50	11.00
		122					14.25	12.75	14.25	12.75
		138					14.25	12.75	14.25	12.75
		155					14.75	13.25	14.75	13.25

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			IEEE 802.1	l1n (5 GHz)	IEEE 802.1	IEEE 802.11ac (5 GHz)		IEEE 802.11ax SU (5 GHz)	
Mode	/ Band	Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	
		36	15.50	14.00	15.50	14.00	15.50	14.00	
		40	15.50	14.00	15.50	14.00	15.50	14.00	
		44	15.50	14.00	15.50	14.00	15.50	14.00	
		48	15.50	14.00	15.50	14.00	15.50	14.00	
		52	14.75	13.25	14.75	13.25	14.75	13.25	
		56	14.75	13.25	14.75	13.25	14.75	13.25	
		60	14.75	13.25	14.75	13.25	14.75	13.25	
		64	14.75	13.25	14.75	13.25	14.75	13.25	
		100	14.25	12.75	14.25	12.75	14.25	12.75	
		104	14.25	12.75	14.25	12.75	14.25	12.75	
		108	14.25	12.75	14.25	12.75	14.25	12.75	
		112	14.25	12.75	14.25	12.75	14.25	12.75	
	20 MHz Bandwidth	116	14.25	12.75	14.25	12.75	14.25	12.75	
		120	14.25	12.75	14.25	12.75	14.25	12.75	
		124	14.25	12.75	14.25	12.75	14.25	12.75	
		128	14.25	12.75	14.25	12.75	14.25	12.75	
		132	14.25	12.75	14.25	12.75	14.25	12.75	
		136	14.25	12.75	14.25	12.75	14.25	12.75	
		140	14.25	12.75	14.25	12.75	13.50	12.00	
Modulated Average		144	14.25	12.75	14.25	12.75	14.25	12.75	
Modulated Average -		149	14.75	13.25	14.75	13.25	14.75	13.25	
2 Tx Chain (dBm) SDM - 5GHz		153	14.75	13.25	14.75	13.25	14.75	13.25	
Antenna 5T		157	14.75	13.25	14.75	13.25	14.75	13.25	
Antenna 51		161	14.75	13.25	14.75	13.25	14.75	13.25	
		165	14.75	13.25	14.75	13.25	14.75	13.25	
		38	14.50	13.00	14.50	13.00	13.50	12.00	
		46	15.50	14.00	15.50	14.00	15.50	14.00	
		54	14.75	13.25	14.75	13.25	14.75	13.25	
		62	14.75	13.25	14.75	13.25	14.00	12.50	
		102	14.25	12.75	14.25	12.75	13.50	12.00	
	40 MHz Bandwidth	110	14.25	12.75	14.25	12.75	14.25	12.75	
	40 MINZ BAHUWIULII	118	14.25	12.75	14.25	12.75	14.25	12.75	
		126	14.25	12.75	14.25	12.75	14.25	12.75	
		134	14.25	12.75	14.25	12.75	14.25	12.75	
		142	14.25	12.75	14.25	12.75	14.25	12.75	
		151	14.75	13.25	14.75	13.25	14.75	13.25	
		159	14.75	13.25	14.75	13.25	14.75	13.25	
		42			14.00	12.50	13.50	12.00	
		58			13.50	12.00	13.00	11.50	
	90 MHz Bandwidth	106			13.25	11.75	12.50	11.00	
	80 MHz Bandwidth	122			14.25	12.75	14.25	12.75	
		138			14.25	12.75	14.25	12.75	
		155			14.75	13.25	14.75	13.25	

FCC ID: BCGA2568	Proof to be part of selement	SAR EVALUATION REPORT	Approved by: Quality Manager
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			IEEE 802.1	11a (5 GHz)	IEEE 802.11n (5 GHz)		IEEE 802.11ac (5 GHz)		IEEE 802.11ax SU (5 GHz)	
Mode	/ Band	Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
		36	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
		40	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
		44	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
		48	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
		52	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		56	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		60	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		64	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		100	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
	104	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	
		108	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		112	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
	20 MHz Bandwidth	116	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		120	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		124	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
Modulated Average	128	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	
	132	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	
	136	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	
		140	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		144	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
Single Tx Chain	Modulated Average -	149	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75
(dBm) - 5GHz		153	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75
Antenna 3b		157	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75
Antenna 30		161	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75
		165	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75
		38			10.75	9.25	10.75	9.25	10.75	9.25
		46			10.75	9.25	10.75	9.25	10.75	9.25
		54			11.00	9.50	11.00	9.50	11.00	9.50
		62			11.00	9.50	11.00	9.50	11.00	9.50
		102			11.00	9.50	11.00	9.50	11.00	9.50
	40 MHz Bandwidth	110			11.00	9.50	11.00	9.50	11.00	9.50
	40 WITZ BalluWIUIII	118			11.00	9.50	11.00	9.50	11.00	9.50
		126			11.00	9.50	11.00	9.50	11.00	9.50
		134			11.00	9.50	11.00	9.50	11.00	9.50
		142			11.00	9.50	11.00	9.50	11.00	9.50
		151			11.25	9.75	11.25	9.75	11.25	9.75
		159			11.25	9.75	11.25	9.75	11.25	9.75
		42					10.75	9.25	10.75	9.25
		58					11.00	9.50	11.00	9.50
	80 MHz Bandwidth	106					11.00	9.50	11.00	9.50
	OU WITZ DAIIUWIUUI	122					11.00	9.50	11.00	9.50
		138					11.00	9.50	11.00	9.50
		155					11.25	9.75	11.25	9.75

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			IEEE 802.11a (5 GHz)		IEEE 802.11n (5 GHz)		IEEE 802.11ac (5 GHz)		IEEE 802.11ax SU (5 GHz)	
Mode,	/ Band	Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
		36	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
		40	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
		44	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
		48	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
		52	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		56	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		60	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		64	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		100	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		104	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		108	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		112	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
	20 MHz Bandwidth	116	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		120	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		124	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
Modulated Average -	128	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	
	132	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	
	136	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	
	140	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	
	144	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	
2 Tx Chain (dBm)		149	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75
CDD - 5GHz Antenna		153	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75
3b		157	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75
3.5		161	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75
		165	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75
		38			10.75	9.25	10.75	9.25	10.75	9.25
		46			10.75	9.25	10.75	9.25	10.75	9.25
		54			11.00	9.50	11.00	9.50	11.00	9.50
		62			11.00	9.50	11.00	9.50	11.00	9.50
		102			11.00	9.50	11.00	9.50	11.00	9.50
	40 MHz Bandwidth	110			11.00	9.50	11.00	9.50	11.00	9.50
	TO THIS DUTING THE	118			11.00	9.50	11.00	9.50	11.00	9.50
		126			11.00	9.50	11.00	9.50	11.00	9.50
		134			11.00	9.50	11.00	9.50	11.00	9.50
		142			11.00	9.50	11.00	9.50	11.00	9.50
		151			11.25	9.75	11.25	9.75	11.25	9.75
		159			11.25	9.75	11.25	9.75	11.25	9.75
		42					10.75	9.25	10.75	9.25
		58					11.00	9.50	11.00	9.50
	80 MHz Bandwidth	106					11.00	9.50	11.00	9.50
		122					11.00	9.50	11.00	9.50
		138					11.00	9.50	11.00	9.50
		155					11.25	9.75	11.25	9.75

FCC ID: BCGA2568	@ PCTEST	SAR EVALUATION REPORT	Approved by:
FCC ID. BCGA2300	Proud to be part of Selement	OAK EVALUATION KEI OKT	Quality Manager
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			IEEE 802	.11n (5 GHz)	IEEE 802.11	ac (5 GHz)	IEEE 802.11a	x SU (5 GHz)
Mode	/ Band	Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
		36	10.75	9.25	10.75	9.25	10.75	9.25
		40	10.75	9.25	10.75	9.25	10.75	9.25
		44	10.75	9.25	10.75	9.25	10.75	9.25
		48	10.75	9.25	10.75	9.25	10.75	9.25
		52	11.00	9.50	11.00	9.50	11.00	9.50
		56	11.00	9.50	11.00	9.50	11.00	9.50
		60	11.00	9.50	11.00	9.50	11.00	9.50
		64	11.00	9.50	11.00	9.50	11.00	9.50
		100	11.00	9.50	11.00	9.50	11.00	9.50
		104	11.00	9.50	11.00	9.50	11.00	9.50
		108	11.00	9.50	11.00	9.50	11.00	9.50
		112	11.00	9.50	11.00	9.50	11.00	9.50
	20 MHz Bandwidth	116	11.00	9.50	11.00	9.50	11.00	9.50
		120	11.00	9.50	11.00	9.50	11.00	9.50
		124	11.00	9.50	11.00	9.50	11.00	9.50
		128	11.00	9.50	11.00	9.50	11.00	9.50
		132	11.00	9.50	11.00	9.50	11.00	9.50
		136	11.00	9.50	11.00	9.50	11.00	9.50
		140	11.00	9.50	11.00	9.50	11.00	9.50
		144	11.00	9.50	11.00	9.50	11.00	9.50
Modulated Average	•	149	11.25	9.75	11.25	9.75	11.25	9.75
2 Tx Chain (dBm)		153	11.25	9.75	11.25	9.75	11.25	9.75
SDM - 5GHz		157	11.25	9.75	11.25	9.75	11.25	9.75
Antenna 3b		161	11.25	9.75	11.25	9.75	11.25	9.75
		165	11.25	9.75	11.25	9.75	11.25	9.75
		38	10.75	9.25	10.75	9.25	10.75	9.25
		46	10.75	9.25	10.75	9.25	10.75	9.25
		54	11.00	9.50	11.00	9.50	11.00	9.50
		62	11.00	9.50	11.00	9.50	11.00	9.50
		102	11.00	9.50	11.00	9.50	11.00	9.50
	40 MALLE De la desiriale	110	11.00	9.50	11.00	9.50	11.00	9.50
	40 MHz Bandwidth	118	11.00	9.50	11.00	9.50	11.00	9.50
		126	11.00	9.50	11.00	9.50	11.00	9.50
		134	11.00	9.50	11.00	9.50	11.00	9.50
		142	11.00	9.50	11.00	9.50	11.00	9.50
		151	11.25	9.75	11.25	9.75	11.25	9.75
		159	11.25	9.75	11.25	9.75	11.25	9.75
		42			10.75	9.25	10.75	9.25
		58			11.00	9.50	11.00	9.50
	90 MHz Bondusidah	106			11.00	9.50	11.00	9.50
	80 MHz Bandwidth	122			11.00	9.50	11.00	9.50
		138			11.00	9.50	11.00	9.50
		155			11.25	9.75	11.25	9.75

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			IEEE 802.1	11a (5 GHz)	IEEE 802.1	IEEE 802.11n (5 GHz)		IEEE 802.11ac (5 GHz)		IEEE 802.11ax SU (5 GHz)	
Mode,	Mode/ Band		Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	
		36	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75	
		40	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75	
		44	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75	
		48	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75	
		52	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	
		56	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	
		60	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	
		64	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	
	100	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25		
	104	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25		
	20 MHz Bandwidth	108	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	
		112	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	
		116	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	
		120	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	
		124	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	
Modulated Average -	128	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25		
		132	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	
		136	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	
		140	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	
		144	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	
Single Tx Chain		149	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	
(dBm) - 5GHz		153	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	
Antenna 1b		157	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	
/interina 15		161	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	
		165	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	
		38			9.25	7.75	9.25	7.75	9.25	7.75	
		46			9.25	7.75	9.25	7.75	9.25	7.75	
		54			9.75	8.25	9.75	8.25	9.75	8.25	
		62			9.75	8.25	9.75	8.25	9.75	8.25	
		102			9.75	8.25	9.75	8.25	9.75	8.25	
	40 MHz Bandwidth	110			9.75	8.25	9.75	8.25	9.75	8.25	
		118			9.75	8.25	9.75	8.25	9.75	8.25	
		126			9.75	8.25	9.75	8.25	9.75	8.25	
		134			9.75	8.25	9.75	8.25	9.75	8.25	
		142			9.75	8.25	9.75	8.25	9.75	8.25	
		151			10.75	9.25	10.75	9.25	10.75	9.25	
		159			10.75	9.25	10.75	9.25	10.75	9.25	
		42					9.25	7.75	9.25	7.75	
		58					9.75	8.25	9.75	8.25	
	80 MHz Bandwidth	106					9.75	8.25	9.75	8.25	
		122					9.75	8.25	9.75	8.25	
		138					9.75	8.25	9.75	8.25	
		155					10.75	9.25	10.75	9.25	

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			IEEE 802.1	11a (5 GHz)	IEEE 802.11n (5 GHz)		IEEE 802.11ac (5 GHz)		IEEE 802.11ax SU (5 GHz)	
Mode,	/ Band	Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
		36	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		40	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		44	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		48	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		52	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25
		56	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25
		60	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25
		64	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25
		100	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25
		104	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25
		108	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25
		112	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25
	20 MHz Bandwidth	116	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25
		120	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25
		124	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25
	128	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	
	132	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	
	136	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	
	140	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	
Modulated Average -	Modulated Average - 2 Tx Chain (dBm)	144	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25
_		149	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
CDD - 5GHz Antenna		153	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
1b		157	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
		161	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
		165	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
		38			9.25	7.75	9.25	7.75	9.25	7.75
		46			9.25	7.75	9.25	7.75	9.25	7.75
		54			9.75	8.25	9.75	8.25	9.75	8.25
		62			9.75	8.25	9.75	8.25	9.75	8.25
		102			9.75	8.25	9.75	8.25	9.75	8.25
	40 MHz Bandwidth	110			9.75	8.25	9.75	8.25	9.75	8.25
	TO THIS DUTING WHAT	118			9.75	8.25	9.75	8.25	9.75	8.25
		126			9.75	8.25	9.75	8.25	9.75	8.25
		134			9.75	8.25	9.75	8.25	9.75	8.25
		142			9.75	8.25	9.75	8.25	9.75	8.25
		151			10.75	9.25	10.75	9.25	10.75	9.25
		159			10.75	9.25	10.75	9.25	10.75	9.25
		42					9.25	7.75	9.25	7.75
		58					9.75	8.25	9.75	8.25
	80 MHz Bandwidth	106					9.75	8.25	9.75	8.25
	222 200	122					9.75	8.25	9.75	8.25
		138					9.75	8.25	9.75	8.25
		155					10.75	9.25	10.75	9.25

FOO ID. DOCAGEGO	<i>@</i> \ PCTEST¹	CAR EVALUATION REPORT	Approved by:
FCC ID: BCGA2568	Proud to be port of element	SAR EVALUATION REPORT	Quality Manager
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36 9.25 7.75 9.25 7.75 9.25 7.75 40 9.25 7.75 9.25 7.75 9.25 7.75 44 9.25 7.75 9.25 7.75 9.25 7.75 48 9.25 7.75 9.25 7.75 9.25 7.75 52 9.75 8.25 9.75 8.25 9.75 8.25 56 9.75 8.25 9.75 8.25 9.75 8.25 9.75 8.25 60 9.75 8.25 9.75 8.25 9.75 8.25 9.75 8.25 64 9.75 8.25 9.75 8.25 9.75 8.25 9.75 8.25 100 9.75 8.25 9.75 8.25 9.75 8.25 9.75 8.25 104 9.75 8.25 9.75 8.25 9.75 8.25 9.75 8.25 108 9.75 8.25 9.75 8.25 9.75 8.25 9.75 8.25 108 9.75 8.25 9.75 8.25 9.75 8.25 9.75 8.25 112 9.75 8.25 9.75 8.25 9.75 8.25 9.75 8.25 120 9.75 8.25 9.75 8.25 9.75 8.25 9.75 8.25 9.75 8.25 124 9.75 8.25 9.75 8.25 9.75 8.25 9.75 8.25 9.75 8.25 124 9.75 8.25 9.75				IEEE 802.1	l1n (5 GHz)	IEEE 802.1	1ac (5 GHz)	IEEE 802.11	ax SU (5 GHz)
40 9.25 7.75 9.25 7.75 9.25 7.75 44 9.25 7.75 9.25 7.75 9.25 7.75 48 9.25 7.75 9.25 7.75 9.25 7.75 52 9.75 8.25 9.75 8.25 9.75 8.25 60 9.75 8.25 9.75 8.25 9.75 8.25 64 9.75 8.25 9.75 8.25 9.75 8.25 100 9.75 8.25 9.75 8.25 9.75 8.25 104 9.75 8.25 9.75 8.25 9.75 8.25 108 9.75 8.25 9.75 8.25 9.75 8.25 108 9.75 8.25 9.75 8.25 9.75 8.25 109 9.75 8.25 9.75 8.25 9.75 8.25 112 9.75 8.25 9.75 8.25 9.75 8.25 120 9.75 8.25 9.75 8.25 9.75 8.25 120 9.75 8.25 9.75 8.25 9.75 8.25 120 9.75 8.25 9.75 8.25 9.75 8.25 124 9.75 8.25 9.75 8.25 9.75 8.25 128 9.75 8.25 9.75 8.25 9.75 8.25	Mode	/ Band	Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
44 9.25 7.75 9.25 7.75 9.25 7.75 48 9.25 7.75 9.25 7.75 9.25 7.75 52 9.75 8.25 9.75 8.25 9.75 8.25 56 9.75 8.25 9.75 8.25 9.75 8.25 60 9.75 8.25 9.75 8.25 9.75 8.25 64 9.75 8.25 9.75 8.25 9.75 8.25 100 9.75 8.25 9.75 8.25 9.75 8.25 104 9.75 8.25 9.75 8.25 9.75 8.25 108 9.75 8.25 9.75 8.25 9.75 8.25 108 9.75 8.25 9.75 8.25 9.75 8.25 112 9.75 8.25 9.75 8.25 9.75 8.25 120 9.75 8.25 9.75 8.25 9.75 8.25 120 9.75 8.25 9.75 8.25 9.75 8.25 124 9.75 8.25 9.75 8.25 9.75 8.25 128 9.75 8.25 9.75 8.25 9.75 8.25			36	9.25	7.75	9.25	7.75	9.25	7.75
48 9.25 7.75 9.25 7.75 9.25 7.75 52 9.75 8.25 9.75 8.25 9.75 8.25 56 9.75 8.25 9.75 8.25 9.75 8.25 60 9.75 8.25 9.75 8.25 9.75 8.25 64 9.75 8.25 9.75 8.25 9.75 8.25 100 9.75 8.25 9.75 8.25 9.75 8.25 104 9.75 8.25 9.75 8.25 9.75 8.25 108 9.75 8.25 9.75 8.25 9.75 8.25 112 9.75 8.25 9.75 8.25 9.75 8.25 112 9.75 8.25 9.75 8.25 9.75 8.25 114 9.75 8.25 9.75 8.25 9.75 8.25 115 9.75 8.25 9.75 8.25 9.75 8.25 116 9.75 8.25 9.75 8.25 9.75 8.25 117 9.75 8.25 9.75 8.25 9.75 8.25 118 9.75 8.25 9.75 8.25 9.75 8.25 119 9.75 8.25 9.75 8.25 9.75 8.25 120 9.75 8.25 9.75 8.25 9.75 8.25 120 9.75 8.25 9.75 8.25 9.75 8.25			40	9.25	7.75	9.25	7.75	9.25	7.75
52 9.75 8.25 9.75 8.25 9.75 8.25 56 9.75 8.25 9.75 8.25 9.75 8.25 60 9.75 8.25 9.75 8.25 9.75 8.25 64 9.75 8.25 9.75 8.25 9.75 8.25 100 9.75 8.25 9.75 8.25 9.75 8.25 104 9.75 8.25 9.75 8.25 9.75 8.25 108 9.75 8.25 9.75 8.25 9.75 8.25 112 9.75 8.25 9.75 8.25 9.75 8.25 112 9.75 8.25 9.75 8.25 9.75 8.25 112 9.75 8.25 9.75 8.25 9.75 8.25 114 9.75 8.25 9.75 8.25 9.75 8.25 115 9.75 8.25 9.75 8.25 9.75 8.25 116 9.75 8.25 9.75 8.25 9.75 8.25 117 9.75 8.25 9.75 8.25 9.75 8.25 118 9.75 8.25 9.75 8.25 9.75 8.25			44	9.25	7.75	9.25	7.75	9.25	7.75
56 9.75 8.25 9.75 8.25 9.75 8.25 60 9.75 8.25 9.75 8.25 9.75 8.25 64 9.75 8.25 9.75 8.25 9.75 8.25 100 9.75 8.25 9.75 8.25 9.75 8.25 104 9.75 8.25 9.75 8.25 9.75 8.25 108 9.75 8.25 9.75 8.25 9.75 8.25 112 9.75 8.25 9.75 8.25 9.75 8.25 112 9.75 8.25 9.75 8.25 9.75 8.25 112 9.75 8.25 9.75 8.25 9.75 8.25 114 9.75 8.25 9.75 8.25 9.75 8.25 120 9.75 8.25 9.75 8.25 9.75 8.25 124 9.75 8.25 9.75 8.25 9.75 8.25 128 9.75 8.25 9.75 8.25 9.75 8.25			48	9.25	7.75	9.25	7.75	9.25	7.75
60 9.75 8.25 9.75 8.25 9.75 8.25 64 9.75 8.25 9.75 8.25 9.75 8.25 100 9.75 8.25 9.75 8.25 9.75 8.25 104 9.75 8.25 9.75 8.25 9.75 8.25 108 9.75 8.25 9.75 8.25 9.75 8.25 112 9.75 8.25 9.75 8.25 9.75 8.25 112 9.75 8.25 9.75 8.25 9.75 8.25 120 9.75 8.25 9.75 8.25 9.75 8.25 120 9.75 8.25 9.75 8.25 9.75 8.25 124 9.75 8.25 9.75 8.25 9.75 8.25 128 9.75 8.25 9.75 8.25 9.75 8.25			52	9.75	8.25	9.75	8.25	9.75	8.25
64 9.75 8.25 9.75 8.25 9.75 8.25 100 9.75 8.25 9.75 8.25 9.75 8.25 104 9.75 8.25 9.75 8.25 9.75 8.25 108 9.75 8.25 9.75 8.25 9.75 8.25 112 9.75 8.25 9.75 8.25 9.75 8.25 9.75 8.25 112 9.75 8.25 9.75 8.25 9.75 8.25 9.75 8.25 120 9.75 8.25 9.75 8.25 9.75 8.25 124 9.75 8.25 9.75 8.25 9.75 8.25 124 9.75 8.25 9.75 8.25 9.75 8.25 128 9.75 8.25 9.75 8.			56	9.75	8.25	9.75	8.25	9.75	8.25
100 9.75 8.25 9.75 8.25 9.75 8.25 104 9.75 8.25 9.75 8.25 9.75 8.25 108 9.75 8.25 9.75 8.25 9.75 8.25 112 9.75 8.25 9.75 8.25 9.75 8.25 114 9.75 8.25 9.75 8.25 9.75 8.25 120 9.75 8.25 9.75 8.25 9.75 8.25 124 9.75 8.25 9.75 8.25 9.75 8.25 128 9.75 8.25 9.75 8.25 9.75 8.25			60	9.75	8.25	9.75	8.25	9.75	8.25
104 9.75 8.25 9.75 8.25 9.75 8.25 108 9.75 8.25 9.75 8.25 9.75 8.25 112 9.75 8.25 9.75 8.25 9.75 8.25 114 9.75 8.25 9.75 8.25 9.75 8.25 120 9.75 8.25 9.75 8.25 9.75 8.25 124 9.75 8.25 9.75 8.25 9.75 8.25 128 9.75 8.25 9.75 8.25 9.75 8.25			64	9.75	8.25	9.75	8.25	9.75	8.25
20 MHz Bandwidth 108 9.75 8.25 9.75 8.25 9.75 8.25 112 9.75 8.25 9.75 8.25 9.75 8.25 120 9.75 8.25 9.75 8.25 9.75 8.25 124 9.75 8.25 9.75 8.25 9.75 8.25 128 9.75 8.25			100	9.75	8.25	9.75	8.25	9.75	8.25
20 MHz Bandwidth 116 9.75 8.25 9.75 8.25 9.75 8.25 120 9.75 8.25 9.75 8.25 9.75 8.25 124 9.75 8.25 9.75 8.25 9.75 8.25 128 9.75 8.25 9.75 9.75 9.75 9.75 9.75 9.75 9.75 9.7			104	9.75	8.25	9.75	8.25	9.75	8.25
20 MHz Bandwidth 116 9.75 8.25 9.75 8.25 9.75 8.25 120 9.75 8.25 9.75 8.25 9.75 8.25 124 9.75 8.25 9.75 8.25 9.75 8.25 128 9.75 8.25 9.75 8.25 9.75 8.25 9.75 8.25 9.75 8.25 9.75 8.25			108	9.75	8.25	9.75	8.25	9.75	8.25
120 9.75 8.25 9.75 8.25 9.75 8.25 124 9.75 8.25 9.75 8.25 9.75 8.25 128 9.75 8.25 9.75 8.25 9.75 8.25 9.75 8.25 9.75 8.25 9.75 8.25			112	9.75	8.25	9.75	8.25	9.75	8.25
124 9.75 8.25 9.75 8.25 9.75 8.25 128 9.75 8.25 9.75 8.25 9.75 8.25		20 MHz Bandwidth	116	9.75	8.25	9.75	8.25	9.75	8.25
128 9.75 8.25 9.75 8.25 9.75 8.25			120	9.75		9.75		9.75	8.25
128 9.75 8.25 9.75 8.25 9.75 8.25			124	9.75	8.25	9.75	8.25	9.75	8.25
			128	9.75	8.25	9.75		9.75	8.25
			132	9.75	8.25	9.75	8.25	9.75	8.25
136 9.75 8.25 9.75 8.25 9.75 8.25			136	9.75	8.25	9.75	8.25	9.75	8.25
			140						8.25
144 975 825 975 825 975 825			144						8.25
Modulated Average - 1/49 10.75 9.25 10.75 9.25 10.75 9.25	-	1	149					10.75	9.25
2 Ix Chain (dBm) 153 10.75 9.25 10.75 9.25 10.75 9.25			153	10.75		10.75			9.25
SDM - 5GHz 157 10.75 9.25 10.75 9.25 10.75 9.25			157	10.75	9.25	10.75	9.25	10.75	9.25
Antenna 1b 161 10.75 9.25 10.75 9.25 10.75 9.25	na 1b		161	10.75	9.25	10.75	9.25	10.75	9.25
			165	10.75		10.75	9.25	10.75	9.25
			38	9.25		9.25		9.25	7.75
			46		7.75				7.75
			54	9.75					8.25
			62	9.75	8.25	9.75		9.75	8.25
			102	9.75		9.75		9.75	8.25
110 9.75 8.25 9.75 8.25 9.75 8.25		40.0411 Bereit 1111	110	9.75			8.25		8.25
40 MHz Bandwidth 118 9.75 8.25 9.75 8.25 9.75 8.25		40 MHz Bandwidth	118	9.75	8.25	9.75	8.25	9.75	8.25
									8.25
								9.75	8.25
			142					9.75	8.25
									9.25
									9.25
			42						7.75
									8.25
106 9 75 8 25 9 75 8 25									8.25
1 80 MHz Bandwidth		80 MHz Bandwidth							8.25
									8.25
155 10.75 9.25 10.75 9.25									

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1.4.3 Reduced WLAN Time-Averaged Output Power

Note: Targets for 802.11ax RU operations can be found in Appendix H.

Below table is applicable in the following conditions:

- -Simultaneous conditions with Licensed Bands Antenna 1a/1b active
- -Simultaneous conditions with Inter-Band ULCA active

			IEEE 802.11	lb (2.4 GHz)	IEEE 802.1	1g (2.4 GHz)	IEEE 802.11	n (2.4 GHz)	IEEE 802.11ax SU (2.4 GHz)	
Mode/	Band	Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
		1	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		2	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		3	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		4	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
Modulated		5	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
Average - Single	20 MHz	6	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
Tx Chain (dBm) -	Bandwidth	7	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
Antenna 1a	balluwiutii	8	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
Antenna 1a		9	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		10	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		11	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		12	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		13	9.25	7.75	8.00	6.50	8.00	6.50	NS	NS

Below table is applicable in the following conditions:

- -Simultaneous conditions with Licensed Bands Antenna 1a/1b active
- -Simultaneous conditions with Inter-Band ULCA active

			IEEE 802.13	1g (2.4 GHz)	IEEE 802.1	1n (2.4 GHz)	IEEE 802.11ax	SU (2.4 GHz)
Mode/	Mode/ Band		Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
		1	9.25	7.75	9.25	7.75	9.25	7.75
		2	9.25	7.75	9.25	7.75	9.25	7.75
		3	9.25	7.75	9.25	7.75	9.25	7.75
		4	9.25	7.75	9.25	7.75	9.25	7.75
Modulated	20 MHz Bandwidth	5	9.25	7.75	9.25	7.75	9.25	7.75
Average - 2 Tx		6	9.25	7.75	9.25	7.75	9.25	7.75
Chain (dBm) -		7	9.25	7.75	9.25	7.75	9.25	7.75
Antenna 1a	banuwiutii	8	9.25	7.75	9.25	7.75	9.25	7.75
Antenna 1a		9	9.25	7.75	9.25	7.75	9.25	7.75
		10	9.25	7.75	9.25	7.75	9.25	7.75
		11	9.25	7.75	9.25	7.75	9.25	7.75
		12	9.25	7.75	9.25	7.75	9.25	7.75
		13	7.50	6.00	7.50	6.00	NS	NS

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- -Simultaneous conditions with Licensed Bands Antenna 3a/3b active
- -Simultaneous conditions with Inter-Band ULCA active

			IEEE 802.11	lb (2.4 GHz)	IEEE 802.1	1g (2.4 GHz)	IEEE 802.11	n (2.4 GHz)	IEEE 802.11ax	(SU (2.4 GHz)
Mode/ Band		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
		1	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		2	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		3	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		4	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
Modulated		5	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
Average - Single	20 MHz	6	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
Tx Chain (dBm) -	Bandwidth	7	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
Antenna 3a	Banawiatii	8	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
Antenna sa		9	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		10	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		11	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		12	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		13	8.50	7.00	8.00	6.50	8.00	6.50	NS	NS

Below table is applicable in the following conditions:

- -Simultaneous conditions with Licensed Bands Antenna 3a/3b active
- -Simultaneous conditions with Inter-Band ULCA active

			IEEE 802.13	1g (2.4 GHz)	IEEE 802.1	1n (2.4 GHz)	IEEE 802.11ax	SU (2.4 GHz)
Mode/	Band	Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
		1	8.50	7.00	8.50	7.00	8.50	7.00
		2	8.50	7.00	8.50	7.00	8.50	7.00
		3	8.50	7.00	8.50	7.00	8.50	7.00
		4	8.50	7.00	8.50	7.00	8.50	7.00
Modulated	20 MHz	5	8.50	7.00	8.50	7.00	8.50	7.00
Average - 2 Tx		6	8.50	7.00	8.50	7.00	8.50	7.00
Chain (dBm) -	Bandwidth	7	8.50	7.00	8.50	7.00	8.50	7.00
Antenna 3a	Danuwiutii	8	8.50	7.00	8.50	7.00	8.50	7.00
Antenna Sa		9	8.50	7.00	8.50	7.00	8.50	7.00
		10	8.50	7.00	8.50	7.00	8.50	7.00
		11	8.50	7.00	8.50	7.00	8.50	7.00
		12	8.50	7.00	8.50	7.00	8.50	7.00
		13	7.50	6.00	7.50	6.00	NS	NS

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-Simultaneous conditions with Licensed Bands Antenna 3a active

-Simultaneous conditions with Inter-Band ULCA active

			IEEE 802.2	L1a (5 GHz)	IEEE 802.1	1n (5 GHz)	IEEE 802.11	ac (5 GHz)	IEEE 802.11ax SU (5 GHz)	
Mode	/ Band	Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
		36	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		40	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		44	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		48	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		52	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
		56	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
		60	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
		64	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
		100	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
		104	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
		108	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
		112	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
	20 MHz Bandwidth	116	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
		120	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
		124	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
		128	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
		132	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
		136	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
		140	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
		144	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
Modulated Average		149	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
Single Tx Chain		153	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
(dBm) - 5GHz		157	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
Antenna 5T		161	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
		165	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
		38			11.50	10.00	11.50	10.00	11.50	10.00
		46			11.50	10.00	11.50	10.00	11.50	10.00
		54			10.75	9.25	10.75	9.25	10.75	9.25
		62			10.75	9.25	10.75	9.25	10.75	9.25
		102			10.25	8.75	10.25	8.75	10.25	8.75
	40 MHz Donduvidah	110			10.25	8.75	10.25	8.75	10.25	8.75
	40 MHz Bandwidth	118			10.25	8.75	10.25	8.75	10.25	8.75
		126			10.25	8.75	10.25	8.75	10.25	8.75
		134			10.25	8.75	10.25	8.75	10.25	8.75
		142			10.25	8.75	10.25	8.75	10.25	8.75
		151			10.75	9.25	10.75	9.25	10.75	9.25
		159			10.75	9.25	10.75	9.25	10.75	9.25
		42					11.50	10.00	11.50	10.00
		58					10.75	9.25	10.75	9.25
	90 MHz Bandurideh	106					10.25	8.75	10.25	8.75
	80 MHz Bandwidth	122					10.25	8.75	10.25	8.75
		138					10.25	8.75	10.25	8.75
		155					10.75	9.25	10.75	9.25

FCC ID: BCGA2568	Proud to be part of @element	SAR EVALUATION REPORT	Approved by: Quality Manager
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-Simultaneous conditions with Licensed Bands Antenna 3a active

-Simultaneous conditions with Inter-Band ULCA active

	ous contanto			L1a (5 GHz)		.1n (5 GHz)	IEEE 802.11	ac (5 GHz)	IEEE 802.11a	ax SU (5 GHz)
Mode,	/ Band	Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
		36	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		40	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		44	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		48	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		52	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
		56	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
		60	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
		64	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
		100	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
		104	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
		108	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
		112	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
	20 MHz Bandwidth	116	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
		120	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
		124	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
		128	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
		132	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
		136	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
		140	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
		144	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
Modulated Average -		149	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
2 Tx Chain (dBm)		153	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
CDD - 5GHz Antenna		157	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
5T		161	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
		165	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
		38			11.50	10.00	11.50	10.00	11.50	10.00
		46			11.50	10.00	11.50	10.00	11.50	10.00
		54			10.75	9.25	10.75	9.25	10.75	9.25
		62			10.75	9.25	10.75	9.25	10.75	9.25
		102			10.25	8.75	10.25	8.75	10.25	8.75
	40 MHz Bandwidth	110			10.25	8.75	10.25	8.75	10.25	8.75
	40 IVITIZ DAITUWIULII	118			10.25	8.75	10.25	8.75	10.25	8.75
		126			10.25	8.75	10.25	8.75	10.25	8.75
		134			10.25	8.75	10.25	8.75	10.25	8.75
		142			10.25	8.75	10.25	8.75	10.25	8.75
		151			10.75	9.25	10.75	9.25	10.75	9.25
		159			10.75	9.25	10.75	9.25	10.75	9.25
		42					11.50	10.00	11.50	10.00
		58					10.75	9.25	10.75	9.25
	80 MHz Bandwidth	106					10.25	8.75	10.25	8.75
	OU IVITIZ DATIUWIUTN	122					10.25	8.75	10.25	8.75
		138					10.25	8.75	10.25	8.75
		155					10.75	9.25	10.75	9.25

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-Simultaneous conditions with Licensed Bands Antenna 3a active

-Simultaneous conditions with Inter-Band ULCA active

	3 CONCINONS W			11n (5 GHz)	IEEE 802.11	ac (5 GHz)	IEEE 802.11	ax SU (5 GHz)
Mode	/ Band	Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
		36	11.50	10.00	11.50	10.00	11.50	10.00
		40	11.50	10.00	11.50	10.00	11.50	10.00
		44	11.50	10.00	11.50	10.00	11.50	10.00
		48	11.50	10.00	11.50	10.00	11.50	10.00
		52	10.75	9.25	10.75	9.25	10.75	9.25
		56	10.75	9.25	10.75	9.25	10.75	9.25
		60	10.75	9.25	10.75	9.25	10.75	9.25
		64	10.75	9.25	10.75	9.25	10.75	9.25
		100	10.25	8.75	10.25	8.75	10.25	8.75
		104	10.25	8.75	10.25	8.75	10.25	8.75
		108	10.25	8.75	10.25	8.75	10.25	8.75
		112	10.25	8.75	10.25	8.75	10.25	8.75
	20 MHz Bandwidth	116	10.25	8.75	10.25	8.75	10.25	8.75
		120	10.25	8.75	10.25	8.75	10.25	8.75
		124	10.25	8.75	10.25	8.75	10.25	8.75
		128	10.25	8.75	10.25	8.75	10.25	8.75
		132	10.25	8.75	10.25	8.75	10.25	8.75
		136	10.25	8.75	10.25	8.75	10.25	8.75
		140	10.25	8.75	10.25	8.75	10.25	8.75
NA - de la tard Accessor		144	10.25	8.75	10.25	8.75	10.25	8.75
Modulated Average	1	149	10.75	9.25	10.75	9.25	10.75	9.25
2 Tx Chain (dBm)		153	10.75	9.25	10.75	9.25	10.75	9.25
SDM - 5GHz		157	10.75	9.25	10.75	9.25	10.75	9.25
Antenna 5T		161	10.75	9.25	10.75	9.25	10.75	9.25
		165	10.75	9.25	10.75	9.25	10.75	9.25
		38	11.50	10.00	11.50	10.00	11.50	10.00
		46	11.50	10.00	11.50	10.00	11.50	10.00
		54	10.75	9.25	10.75	9.25	10.75	9.25
		62	10.75	9.25	10.75	9.25	10.75	9.25
		102	10.25	8.75	10.25	8.75	10.25	8.75
	40 MALLE De la destable	110	10.25	8.75	10.25	8.75	10.25	8.75
	40 MHz Bandwidth	118	10.25	8.75	10.25	8.75	10.25	8.75
		126	10.25	8.75	10.25	8.75	10.25	8.75
		134	10.25	8.75	10.25	8.75	10.25	8.75
		142	10.25	8.75	10.25	8.75	10.25	8.75
		151	10.75	9.25	10.75	9.25	10.75	9.25
		159	10.75	9.25	10.75	9.25	10.75	9.25
		42			11.50	10.00	11.50	10.00
		58			10.75	9.25	10.75	9.25
	الداد : : ما العام 00 م	106			10.25	8.75	10.25	8.75
	80 MHz Bandwidth	122			10.25	8.75	10.25	8.75
		138			10.25	8.75	10.25	8.75
		155			10.75	9.25	10.75	9.25

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

FCC ID: BCGA2568	Proud to be part of @ element	SAR EVALUATION REPORT	Approved by: Quality Manager	
Document S/N:	Test Dates:	DUT Type:	D 00 -f 004	
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-Simultaneous conditions with Licensed Bands Antenna 3a/3b/4 active

-Simultaneous conditions with Inter-Band ULCA active

			IEEE 802.1	11a (5 GHz)	IEEE 802.1	.1n (5 GHz)	IEEE 802.11	ac (5 GHz)	IEEE 802.11ax SU (5 GHz)	
Mode,	/ Band	Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
		36	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25
		40	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25
		44	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25
		48	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25
		52	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		56	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		60	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		64	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		100	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		104	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		108	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		112	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
	20 MHz Bandwidth	116	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		120	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		124	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		128	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		132	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		136	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		140	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
Modulated Average -		144	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
Single Tx Chain		149	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75
(dBm) - 5GHz		153	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75
Antenna 3b		157	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75
Antenna Su		161	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75
		165	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75
		38			6.75	5.25	6.75	5.25	6.75	5.25
		46			6.75	5.25	6.75	5.25	6.75	5.25
		54			7.00	5.50	7.00	5.50	7.00	5.50
		62			7.00	5.50	7.00	5.50	7.00	5.50
		102			7.00	5.50	7.00	5.50	7.00	5.50
	40 MHz Bandwidth	110			7.00	5.50	7.00	5.50	7.00	5.50
	WILLS Dalla Width	118			7.00	5.50	7.00	5.50	7.00	5.50
		126			7.00	5.50	7.00	5.50	7.00	5.50
		134			7.00	5.50	7.00	5.50	7.00	5.50
		142			7.00	5.50	7.00	5.50	7.00	5.50
		151			7.25	5.75	7.25	5.75	7.25	5.75
		159			7.25	5.75	7.25	5.75	7.25	5.75
		42					6.75	5.25	6.75	5.25
		58					7.00	5.50	7.00	5.50
	80 MHz Bandwidth	106					7.00	5.50	7.00	5.50
	SS .71112 Dania Widdi	122					7.00	5.50	7.00	5.50
		138					7.00	5.50	7.00	5.50
		155					7.25	5.75	7.25	5.75

FCC ID: BCGA2568	Proud to be part of @element	SAR EVALUATION REPORT	Approved by: Quality Manager	
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-Simultaneous conditions with Licensed Bands Antenna 3a/3b/4 active

-Simultaneous conditions with Inter-Band ULCA active

	ous contanto			11a (5 GHz)		1n (5 GHz)	IEEE 802.11	ac (5 GHz)	IEEE 802.11ax SU (5 GHz)	
Mode	[/] Band	Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
		36	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25
		40	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25
		44	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25
		48	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25
		52	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		56	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		60	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		64	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		100	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		104	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		108	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		112	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
	20 MHz Bandwidth	116	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		120	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		124	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		128	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		132	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		136	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		140	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
Modulated Average -		144	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
2 Tx Chain (dBm)		149	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75
CDD - 5GHz Antenna		153	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75
3b		157	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75
30		161	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75
		165	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75
		38			6.75	5.25	6.75	5.25	6.75	5.25
		46			6.75	5.25	6.75	5.25	6.75	5.25
		54			7.00	5.50	7.00	5.50	7.00	5.50
		62			7.00	5.50	7.00	5.50	7.00	5.50
		102			7.00	5.50	7.00	5.50	7.00	5.50
	40 MHz Bandwidth	110			7.00	5.50	7.00	5.50	7.00	5.50
	40 WITTE Ballawiati	118			7.00	5.50	7.00	5.50	7.00	5.50
		126			7.00	5.50	7.00	5.50	7.00	5.50
		134			7.00	5.50	7.00	5.50	7.00	5.50
		142			7.00	5.50	7.00	5.50	7.00	5.50
		151			7.25	5.75	7.25	5.75	7.25	5.75
		159			7.25	5.75	7.25	5.75	7.25	5.75
		42					6.75	5.25	6.75	5.25
		58					7.00	5.50	7.00	5.50
	80 MHz Bandwidth	106					7.00	5.50	7.00	5.50
	CO WILL Danawiati	122					7.00	5.50	7.00	5.50
		138					7.00	5.50	7.00	5.50
		155					7.25	5.75	7.25	5.75

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

FCC ID: BCGA2568	Provide to be part of selement	SAR EVALUATION REPORT	Approved by: Quality Manager
Document S/N:	Test Dates:	DUT Type:	Dogg 25 of 204
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-Simultaneous conditions with Licensed Bands Antenna 3a/3b/4 active

-Simultaneous conditions with Inter-Band ULCA active

			IEEE 802.:	l1n (5 GHz)	IEEE 802.1	1ac (5 GHz)	IEEE 802.11ax SU (5 GHz)	
Mode,	/ Band	Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
		36	6.75	5.25	6.75	5.25	6.75	5.25
		40	6.75	5.25	6.75	5.25	6.75	5.25
		44	6.75	5.25	6.75	5.25	6.75	5.25
		48	6.75	5.25	6.75	5.25	6.75	5.25
		52	7.00	5.50	7.00	5.50	7.00	5.50
		56	7.00	5.50	7.00	5.50	7.00	5.50
		60	7.00	5.50	7.00	5.50	7.00	5.50
		64	7.00	5.50	7.00	5.50	7.00	5.50
		100	7.00	5.50	7.00	5.50	7.00	5.50
		104	7.00	5.50	7.00	5.50	7.00	5.50
		108	7.00	5.50	7.00	5.50	7.00	5.50
		112	7.00	5.50	7.00	5.50	7.00	5.50
	20 MHz Bandwidth	116	7.00	5.50	7.00	5.50	7.00	5.50
		120	7.00	5.50	7.00	5.50	7.00	5.50
		124	7.00	5.50	7.00	5.50	7.00	5.50
		128	7.00	5.50	7.00	5.50	7.00	5.50
		132	7.00	5.50	7.00	5.50	7.00	5.50
		136	7.00	5.50	7.00	5.50	7.00	5.50
		140	7.00	5.50	7.00	5.50	7.00	5.50
Modulated Average -		144	7.00	5.50	7.00	5.50	7.00	5.50
2 Tx Chain (dBm)		149	7.25	5.75	7.25	5.75	7.25	5.75
SDM - 5GHz		153	7.25	5.75	7.25	5.75	7.25	5.75
Antenna 3b		157	7.25	5.75	7.25	5.75	7.25	5.75
7 internia 35		161	7.25	5.75	7.25	5.75	7.25	5.75
		165	7.25	5.75	7.25	5.75	7.25	5.75
		38	6.75	5.25	6.75	5.25	6.75	5.25
		46	6.75	5.25	6.75	5.25	6.75	5.25
		54	7.00	5.50	7.00	5.50	7.00	5.50
		62	7.00	5.50	7.00	5.50	7.00	5.50
		102	7.00	5.50	7.00	5.50	7.00	5.50
	40 MHz Bandwidth	110	7.00	5.50	7.00	5.50	7.00	5.50
		118	7.00	5.50	7.00	5.50	7.00	5.50
		126	7.00	5.50	7.00	5.50	7.00	5.50
		134	7.00	5.50	7.00	5.50	7.00	5.50
		142	7.00	5.50	7.00	5.50	7.00	5.50
		151	7.25	5.75	7.25	5.75	7.25	5.75
		159	7.25	5.75	7.25	5.75	7.25	5.75
		42			6.75	5.25	6.75	5.25
		58			7.00	5.50	7.00	5.50
	80 MHz Bandwidth	106			7.00	5.50	7.00	5.50
	SS Banawidti	122			7.00	5.50	7.00	5.50
		138			7.00	5.50	7.00	5.50
		155			7.25	5.75	7.25	5.75

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

FOO ID DOGGOODS	@\ PCTEST		Approved by:	
FCC ID: BCGA2568	Proud to be port of element	SAR EVALUATION REPORT	Quality Manager	
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-Simultaneous conditions with Licensed Bands Antenna 1a/1b/2 active

-Simultaneous conditions with Inter-Band ULCA active

Cirrana i coas comanto								.ac (5 GHz)	IEEE 802.11ax SU (5 GHz)	
Mode	/ Band							, ,		
	,	Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
		36	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75
		40	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75
		44	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75
		48	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75
		52	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		56	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		60	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		64	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		100	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		104	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		108	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		112	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
	20 MHz Bandwidth	116	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		120	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		124	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		128	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		132	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		136	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		140	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
Modulated Average -		144	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
Single Tx Chain		149	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25
(dBm) - 5GHz		153	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25
Antenna 1b		157	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25
Antenna 10		161	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25
		165	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25
		38			5.25	3.75	5.25	3.75	5.25	3.75
		46			5.25	3.75	5.25	3.75	5.25	3.75
		54			5.75	4.25	5.75	4.25	5.75	4.25
		62			5.75	4.25	5.75	4.25	5.75	4.25
		102			5.75	4.25	5.75	4.25	5.75	4.25
	40 MHz Bandwidth	110			5.75	4.25	5.75	4.25	5.75	4.25
	40 MHZ Balluwiutii	118			5.75	4.25	5.75	4.25	5.75	4.25
		126			5.75	4.25	5.75	4.25	5.75	4.25
		134			5.75	4.25	5.75	4.25	5.75	4.25
		142			5.75	4.25	5.75	4.25	5.75	4.25
		151			6.75	5.25	6.75	5.25	6.75	5.25
		159			6.75	5.25	6.75	5.25	6.75	5.25
		42					5.25	3.75	5.25	3.75
		58					5.75	4.25	5.75	4.25
		106					5.75	4.25	5.75	4.25
	80 MHz Bandwidth	122					5.75	4.25	5.75	4.25
		138					5.75	4.25	5.75	4.25
		155					6.75	5.25	6.75	5.25

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-Simultaneous conditions with Licensed Bands Antenna 1a/1b/2 active

-Simultaneous conditions with Inter-Band ULCA active

	as condition			11a (5 GHz)	IEEE 802.1		IEEE 802.11	ac (5 GHz)	IEEE 802.11ax SU (5 GHz)	
Mode,	/ Band	Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
		36	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75
		40	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75
		44	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75
		48	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75
		52	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		56	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		60	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		64	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		100	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		104	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		108	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		112	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
	20 MHz Bandwidth	116	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		120	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		124	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		128	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		132	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		136	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		140	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
Modulated Average -		144	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
2 Tx Chain (dBm)		149	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25
CDD - 5GHz Antenna		153	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25
1b		157	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25
=		161	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25
		165	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25
		38			5.25	3.75	5.25	3.75	5.25	3.75
		46			5.25	3.75	5.25	3.75	5.25	3.75
		54			5.75	4.25	5.75	4.25	5.75	4.25
		62			5.75	4.25	5.75	4.25	5.75	4.25
		102			5.75	4.25	5.75	4.25	5.75	4.25
	40 MHz Bandwidth	110			5.75	4.25	5.75	4.25	5.75	4.25
		118			5.75	4.25	5.75	4.25	5.75	4.25
		126			5.75	4.25	5.75	4.25	5.75	4.25
		134			5.75	4.25	5.75	4.25	5.75	4.25
		142			5.75	4.25	5.75	4.25	5.75	4.25
		151			6.75	5.25	6.75	5.25	6.75	5.25
		159			6.75	5.25	6.75	5.25	6.75	5.25
		42					5.25	3.75	5.25	3.75
		58					5.75	4.25	5.75	4.25
	80 MHz Bandwidth	106					5.75	4.25	5.75	4.25
		122					5.75	4.25	5.75	4.25
		138					5.75	4.25	5.75	4.25
		155					6.75	5.25	6.75	5.25

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

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-Simultaneous conditions with Licensed Bands Antenna 1a/1b/2 active

-Simultaneous conditions with Inter-Band ULCA active

	3 CONCINONS W			11n (5 GHz)	IEEE 802.11	ac (5 GHz)	IEEE 802.11	ax SU (5 GHz)
Mode	/ Band	Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
		36	5.25	3.75	5.25	3.75	5.25	3.75
		40	5.25	3.75	5.25	3.75	5.25	3.75
		44	5.25	3.75	5.25	3.75	5.25	3.75
		48	5.25	3.75	5.25	3.75	5.25	3.75
		52	5.75	4.25	5.75	4.25	5.75	4.25
		56	5.75	4.25	5.75	4.25	5.75	4.25
		60	5.75	4.25	5.75	4.25	5.75	4.25
		64	5.75	4.25	5.75	4.25	5.75	4.25
		100	5.75	4.25	5.75	4.25	5.75	4.25
		104	5.75	4.25	5.75	4.25	5.75	4.25
		108	5.75	4.25	5.75	4.25	5.75	4.25
	20 MHz Bandwidth	112	5.75	4.25	5.75	4.25	5.75	4.25
		116	5.75	4.25	5.75	4.25	5.75	4.25
		120	5.75	4.25	5.75	4.25	5.75	4.25
		124	5.75	4.25	5.75	4.25	5.75	4.25
		128	5.75	4.25	5.75	4.25	5.75	4.25
		132	5.75	4.25	5.75	4.25	5.75	4.25
		136	5.75	4.25	5.75	4.25	5.75	4.25
		140	5.75	4.25	5.75	4.25	5.75	4.25
		144	5.75	4.25	5.75	4.25	5.75	4.25
Modulated Average -	•	149	6.75	5.25	6.75	5.25	6.75	5.25
2 Tx Chain (dBm)		153	6.75	5.25	6.75	5.25	6.75	5.25
SDM - 5GHz		157	6.75	5.25	6.75	5.25	6.75	5.25
Antenna 1b		161	6.75	5.25	6.75	5.25	6.75	5.25
		165	6.75	5.25	6.75	5.25	6.75	5.25
		38	5.25	3.75	5.25	3.75	5.25	3.75
		46	5.25	3.75	5.25	3.75	5.25	3.75
		54	5.75	4.25	5.75	4.25	5.75	4.25
		62	5.75	4.25	5.75	4.25	5.75	4.25
		102	5.75	4.25	5.75	4.25	5.75	4.25
		110	5.75	4.25	5.75	4.25	5.75	4.25
	40 MHz Bandwidth	118	5.75	4.25	5.75	4.25	5.75	4.25
		126	5.75	4.25	5.75	4.25	5.75	4.25
		134	5.75	4.25	5.75	4.25	5.75	4.25
		142	5.75	4.25	5.75	4.25	5.75	4.25
		151	6.75	5.25	6.75	5.25	6.75	5.25
		159	6.75	5.25	6.75	5.25	6.75	5.25
		42	5.75	5.25	5.25	3.75	5.25	3.75
		58			5.75	4.25	5.75	4.25
		106			5.75	4.25	5.75	4.25
	80 MHz Bandwidth	122			5.75	4.25	5.75	4.25
		138			5.75	4.25	5.75	4.25
		155			6.75	5.25	6.75	5.25
	1	100			0.75	3.23	0.75	3.23

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

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1.4.4 Bluetooth Maximum and Reduced Output Power

Mode / Band		Modulated Average - Single Tx Chain (dBm) - Antenna 1a
Bluetooth BDR/LE	Maximum	13.00
Diuetootii buk/LE	Nominal	11.50
Bluetooth EDR	Maximum	13.00
Biuetootii EDK	Nominal	11.50
Bluetooth HDR	Maximum	11.00
Biuetootii nDK	Nominal	9.50
Mode / Rand		
Mode / Ban	Н	Modulated Average - TXBF
Mode / Ban	d	Modulated Average - TXBF (dBm) - Antenna 1a
,	d Maximum	
Mode / Band Bluetooth BDR/LE	Γ	(dBm) - Antenna 1a
Bluetooth BDR/LE	Maximum	(dBm) - Antenna 1a 13.00
,	Maximum Nominal	(dBm) - Antenna 1a 13.00 11.50
Bluetooth BDR/LE	Maximum Nominal Maximum	(dBm) - Antenna 1a 13.00 11.50 13.00

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Mode / Band		Modulated Average - Single Tx Chain (dBm) - Antenna 3a
Divoto oth DDD/LE	Maximum	13.00
Bluetooth BDR/LE	Nominal	11.50
Bluetooth EDR	Maximum	13.00
Biuetooth EDR	Nominal	11.50
Bluetooth HDR	Maximum	11.00
Bluetooth HDK	Nominal	9.50
Mode / Band		Modulated Average - TXBF (dBm) - Antenna 3a
Divists ath DDD /I F	Maximum	13.00
Bluetooth BDR/LE	Nominal	11.50
Divistanth FDD	Maximum	13.00
Bluetooth EDR	Nominal	11.50
Dhuataath UDD	Maximum	11.00
Bluetooth HDR	Nominal	9.50

FCC ID: BCGA2568	PCTEST* Proud to be part of referenced	SAR EVALUATION REPORT	Approved by: Quality Manager
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-Simultaneous conditions with Licensed Bands Antenna 1a/1b active

<u> </u>		
Mode / Band		Modulated Average - Single Tx
		Chain (dBm) - Antenna 1a
Bluetooth BDR/LE Reduced	Maximum	10.00
Bluetootii BDR/LE Reduced	Nominal	8.50
Bluetooth EDR Reduced	Maximum	10.00
Bluetooth EDR Reduced	Nominal	8.50
Divista eth LIDD De divise d	Maximum	10.00
Bluetooth HDR Reduced	Nominal	8.50

Below table is applicable in the following conditions:

-Simultaneous conditions with Licensed Bands Antenna 1a/1b active

Mode / Band		Modulated Average - TXBF
		(dBm) - Antenna 1a
Bluetooth BDR/LE Reduced	Maximum	10.00
Bluetootii BDK/LE Reduced	Nominal	8.50
Bluetooth EDR Reduced	Maximum	10.00
Bidetootii EDR Reduced	Nominal	8.50
Bluetooth HDR Reduced	Maximum	10.00
Bluetooth HDR Reduced	Nominal	8.50

FCC ID: BCGA2568	PCTEST* Proud to be part of @element	SAR EVALUATION REPORT	Approved by: Quality Manager
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-Simultaneous conditions with 5 GHz WLAN active

Mode / Band		Modulated Average - Single Tx Chain (dBm) - Antenna 1a
Bluetooth BDR/LE Reduced	Maximum	8.00
Bidetootii BDR/LE Reduced	Nominal	6.50
Divistanth EDD Bodysond	Maximum	8.00
Bluetooth EDR Reduced	Nominal	6.50
Bluetooth HDR Reduced	Maximum	8.00
Bidetootii HDR Reduced	Nominal	6.50

Below table is applicable in the following conditions:

-Simultaneous conditions with 5 GHz WLAN active

Mode / Band		Modulated Average - TXBF (dBm) - Antenna 1a
Bluetooth BDR/LE Reduced	Maximum	8.00
Biuetootii BDK/LE Reduced	Nominal	6.50
Bluetooth EDR Reduced	Maximum	8.00
Bidetootii EDR Reduced	Nominal	6.50
Bluetooth HDR Reduced	Maximum	8.00
Bidetootii HDR Reduced	Nominal	6.50

FCC ID: BCGA2568	PCTEST* Proud to be part of @element	SAR EVALUATION REPORT	Approved by: Quality Manager
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- -Simultaneous conditions with Licensed Bands and 5 GHz WLAN active
- -Simultaneous conditions with Inter-Band ULCA active

Mode / Band		Modulated Average - Single Tx Chain (dBm) - Antenna 1a
Bluetooth BDR/LE Reduced	Maximum	6.00
Bluetooth BDR/LE Reduced	Nominal	4.50
Bluetooth EDR Reduced	Maximum	6.00
Bluetooth EDR Reduced	Nominal	4.50
Divistanth HDD Bodused	Maximum	6.00
Bluetooth HDR Reduced	Nominal	4.50

Below table is applicable in the following conditions:

- -Simultaneous conditions with Licensed Bands and 5 GHz WLAN active
- -Simultaneous conditions with Inter-Band ULCA active

Mode / Band		Modulated Average - TXBF (dBm) - Antenna 1a
Bluetooth BDR/LE Reduced	Maximum	6.00
	Nominal	4.50
Bluetooth EDR Reduced	Maximum	6.00
	Nominal	4.50
Bluetooth HDR Reduced	Maximum	6.00
	Nominal	4.50

Note: In TxBF operations, each antenna transmits at maximum allowed powers as indicated above.

FCC ID: BCGA2568	Proof to be part of selement	SAR EVALUATION REPORT	Approved by: Quality Manager
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-Simultaneous conditions with Licensed Bands Antenna 3a/3b active

Mode / Band		Modulated Average - Single Tx
		Chain (dBm) - Antenna 3a
Bluetooth BDR/LE Reduced	Maximum	10.00
	Nominal	8.50
Bluetooth EDR Reduced	Maximum	10.00
	Nominal	8.50
Bluetooth HDR Reduced	Maximum	10.00
	Nominal	8.50

Below table is applicable in the following conditions:

-Simultaneous conditions with Licensed Bands Antenna 3a/3b active

tarreduce contained with Electriced Paride, when his capes delive			
Mode / Band		Modulated Average - TXBF	
		(dBm) - Antenna 3a	
Bluetooth BDR/LE Reduced	Maximum	10.00	
	Nominal	8.50	
Bluetooth EDR Reduced	Maximum	10.00	
	Nominal	8.50	
Bluetooth HDR Reduced	Maximum	10.00	
	Nominal	8.50	

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-Simultaneous conditions with 5 GHz WLAN active

Mode / Band		Modulated Average - Single Tx Chain (dBm) - Antenna 3a
Bluetooth BDR/LE Reduced	Maximum	7.50
	Nominal	6.00
Bluetooth EDR Reduced	Maximum	7.50
	Nominal	6.00
Bluetooth HDR Reduced	Maximum	7.50
	Nominal	6.00

Below table is applicable in the following conditions:

-Simultaneous conditions with 5 GHz WLAN active

Mode / Band		Modulated Average - TXBF (dBm) - Antenna 3a
Bluetooth BDR/LE Reduced	Maximum	7.50
	Nominal	6.00
Bluetooth EDR Reduced	Maximum	7.50
	Nominal	6.00
Bluetooth HDR Reduced	Maximum	7.50
	Nominal	6.00

FCC ID: BCGA2568	Proof to be part of element	SAR EVALUATION REPORT	Approved by: Quality Manager
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Below table is applicable in the following conditions:

- -Simultaneous conditions with Licensed Bands Antenna 1a/1b and 5 GHz WLAN active
- -Simultaneous conditions with Licensed Bands Antenna 2 and 5 GHz WLAN active
- -Simultaneous conditions with Licensed Bands Antenna 3b and 5 GHz WLAN active
- -Simultaneous conditions with Licensed Bands Antenna 4 and 5 GHz WLAN active

Mode / Band		Modulated Average - Single Tx Chain (dBm) - Antenna 3a
Divistanth DDD/LE Dadusad	Maximum	7.00
Bluetooth BDR/LE Reduced	Nominal	5.50
Bluetooth EDR Reduced	Maximum	7.00
Bluetooth EDR Reduced	Nominal	5.50
Bluetooth HDR Reduced	Maximum	7.00
Bluetootii fibk keduced	Nominal	5.50

Below table is applicable in the following conditions:

- -Simultaneous conditions with Licensed Bands Antenna 1a/1b and 5 GHz WLAN active
- -Simultaneous conditions with Licensed Bands Antenna 2 and 5 GHz WLAN active
- -Simultaneous conditions with Licensed Bands Antenna 3b and 5 GHz WLAN active
- -Simultaneous conditions with Licensed Bands Antenna 4 and 5 GHz WLAN active

Mode / Band		Modulated Average - TXBF
Wiede / Bank	iviode / Barid	
Bluetooth BDR/LE Reduced	Maximum	7.00
Biuetootii bDK/LE Reduced	Nominal	5.50
Bluetooth EDR Reduced	Maximum	7.00
Bidetootii EDK Keddced	Nominal	5.50
Bluetooth HDR Reduced	Maximum	7.00
Bidetootii HDK Keduced	Nominal	5.50

Note: In TxBF operations, each antenna transmits at maximum allowed powers as indicated above.

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Below table is applicable in the following conditions:

- -Simultaneous conditions with Licensed Bands Antenna 3a and 5 GHz WLAN active
- -Simultaneous conditions with Inter-Band ULCA active

Mode / Band		Modulated Average - Single Tx
		Chain (dBm) - Antenna 3a
Bluetooth BDR/LE Reduced	Maximum	6.00
Bluetootii BDR/LE Reduced	Nominal	4.50
Bluetooth EDR Reduced	Maximum	6.00
Bidetootii EDR Reduced	Nominal	4.50
Bluetooth HDR Reduced	Maximum	6.00
Bidetootii HDR Reduced	Nominal	4.50

Below table is applicable in the following conditions:

- -Simultaneous conditions with Licensed Bands Antenna 3a and 5 GHz WLAN active
- -Simultaneous conditions with Inter-Band ULCA active

Mode / Band		Modulated Average - TXBF (dBm) - Antenna 3a
Divota ath DDD/LE Dadusad	Maximum	6.00
Bluetooth BDR/LE Reduced	Nominal	4.50
Bluetooth EDR Reduced	Maximum	6.00
Bidetootii EDK Keddced	Nominal	4.50
Bluetooth HDR Reduced	Maximum	6.00
Bidetootii HDR Reduced	Nominal	4.50

Note: In TxBF operations, each antenna transmits at maximum allowed powers as indicated above.

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1.5 DUT Antenna Locations

The overall diagonal dimension of the device is > 200 mm. A diagram showing the location of the device antennas can be found in Appendix E. Exact antenna dimensions and separation distances are shown in the Technical Descriptions in the FCC filings.

Table 1-6
Device Edges/Sides for SAR Testing

Device Edges/Sides for SAR Testing					
Mode	Back	Top	Bottom	Right	Left
LTE Band 48 Antenna 1a	Yes	No	Yes	No	Yes
NR Band n77 DoD Antenna 1a	Yes	No	Yes	No	Yes
NR Band n77 C Antenna 1a	Yes	No	Yes	No	Yes
UMTS 1750 Antenna 1b	Yes	No	Yes	No	No
UTMS 1900 Antenna 1b	Yes	No	Yes	No	No
LTE Band 66 (AWS) Antenna 1b	Yes	No	Yes	No	No
LTE Band 25 (PCS) Antenna 1b	Yes	No	Yes	No	No
LTE Band 30 Antenna 1b	Yes	No	Yes	No	No
LTE Band 7 Antenna 1b	Yes	No	Yes	No	No
LTE Band 41 Antenna 1b	Yes	No	Yes	No	No
NR Band n66 (AWS) Antenna 1b	Yes	No	Yes	No	No
NR Band n25 (PCS) Antenna 1b	Yes	No	Yes	No	No
NR Band n30 Antenna 1b	Yes	No	Yes	No	No
NR Band n7 Antenna 1b	Yes	No	Yes	No	No
NR Band n41 Antenna 1b	Yes	No	Yes	No	No
UMTS 850 Antenna 2	Yes	No	Yes	Yes	No
UTMS 1750 Antenna 2	Yes	No	Yes	Yes	No
UMTS 1900 Antenna 2	Yes	No	Yes	Yes	No
LTE Band 71 Antenna 2	Yes	No	Yes	Yes	No
LTE Band 12 Antenna 2	Yes	No	Yes	Yes	No
LTE Band 13 Antenna 2	Yes	No	Yes	Yes	No
LTE Band 14 Antenna 2	Yes	No	Yes	Yes	No
LTE Band 26 (Cell) Antenna 2	Yes	No	Yes	Yes	No
LTE Band 5 (Cell) Antenna 2	Yes	No	Yes	Yes	No
LTE Band 66 (AWS) Antenna 2	Yes	No	Yes	Yes	No
LTE Band 25 (PCS) Antenna 2	Yes	No	Yes	Yes	No
LTE Band 30 Antenna 2	Yes	No	Yes	Yes	No
LTE Band 7 Antenna 2	Yes	No	Yes	Yes	No
LTE Band 41 Antenna 2	Yes	No	Yes	Yes	No
LTE Band 48 Antenna 2	Yes	No	Yes	Yes	No
NR Band n71 Antenna 2	Yes	No	Yes	Yes	No
NR Band n12 Antenna 2	Yes	No	Yes	Yes	No
NR Band n5 (Cell) Antenna 2	Yes	No	Yes	Yes	No
NR Band n66 (AWS) Antenna 2	Yes	No	Yes	Yes	No
NR Band n25 (PCS) Antenna 2	Yes	No	Yes	Yes	No
NR Band n30 Antenna 2	Yes	No	Yes	Yes	No
NR Band n7 Antenna 2	Yes	No	Yes	Yes	No
NR Band n41 Antenna 2	Yes	No	Yes	Yes	No
NR Band n77 DoD Antenna 2	Yes	No	Yes	Yes	No
NR Band n77 C Antenna 2	Yes	No	Yes	Yes	No

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Table 1-7
Device Edges/Sides for SAR Testing Cont'd

Device Edges/Sides for SAR Testing Contra					
Mode	Back	Тор	Bottom	Right	Left
LTE Band 48 Antenna 3a	Yes	Yes	No	Yes	No
NR Band n77 DoD Antenna 3a	Yes	Yes	No	Yes	No
NR Band n77 C Antenna 3a	Yes	Yes	No	Yes	No
UMTS 1750 Antenna 3b	Yes	Yes	No	No	No
UTMS 1900 Antenna 3b	Yes	Yes	No	No	No
LTE Band 66 (AWS) Antenna 3b	Yes	Yes	No	No	No
LTE Band 25 (PCS) Antenna 3b	Yes	Yes	No	No	No
LTE Band 30 Antenna 3b	Yes	Yes	No	No	No
LTE Band 7 Antenna 3b	Yes	Yes	No	No	No
LTE Band 41 Antenna 3b	Yes	Yes	No	No	No
NR Band n66 (AWS) Antenna 3b	Yes	Yes	No	No	No
NR Band n25 (PCS) Antenna 3b	Yes	Yes	No	No	No
NR Band n30 Antenna 3b	Yes	Yes	No	No	No
NR Band n7 Antenna 3b	Yes	Yes	No	No	No
NR Band n41 Antenna 3b	Yes	Yes	No	No	No
UMTS 850 Antenna 4	Yes	Yes	No	No	Yes
UTMS 1750 Antenna 4	Yes	Yes	No	No	Yes
UMTS 1900 Antenna 4	Yes	Yes	No	No	Yes
LTE Band 71 Antenna 4	Yes	Yes	No	No	Yes
LTE Band 12 Antenna 4	Yes	Yes	No	No	Yes
LTE Band 13 Antenna 4	Yes	Yes	No	No	Yes
LTE Band 14 Antenna 4	Yes	Yes	No	No	Yes
LTE Band 26 (Cell) Antenna 4	Yes	Yes	No	No	Yes
LTE Band 5 (Cell) Antenna 4	Yes	Yes	No	No	Yes
LTE Band 66 (AWS) Antenna 4	Yes	Yes	No	No	Yes
LTE Band 25 (PCS) Antenna 4	Yes	Yes	No	No	Yes
LTE Band 30 Antenna 4	Yes	Yes	No	No	Yes
LTE Band 7 Antenna 4	Yes	Yes	No	No	Yes
LTE Band 41 Antenna 4	Yes	Yes	No	No	Yes
LTE Band 48 Antenna 4	Yes	Yes	No	No	Yes
NR Band n71 Antenna 4	Yes	Yes	No	No	Yes
NR Band n12 Antenna 4	Yes	Yes	No	No	Yes
NR Band n5 (Cell) Antenna 4	Yes	Yes	No	No	Yes
NR Band n66 (AWS) Antenna 4	Yes	Yes	No	No	Yes
NR Band n25 (PCS) Antenna 4	Yes	Yes	No	No	Yes
NR Band n30 Antenna 4	Yes	Yes	No	No	Yes
NR Band n7 Antenna 4	Yes	Yes	No	No	Yes
NR Band n41 Antenna 4	Yes	Yes	No	No	Yes
NR Band n77 DoD Antenna 4	Yes	Yes	No	No	Yes
NR Band n77 C Antenna 4	Yes	Yes	No	No	Yes
2.4 GHz WLAN Antenna 1a	Yes	No	Yes	No	Yes
2.4 GHz WLAN Antenna 3a	Yes	Yes	No	Yes	No
5 GHz WLAN Antenna 1b	Yes	No	Yes	No	No
5 GHz WLAN Antenna 3b	Yes	Yes	No	No	No
5 GHz WLAN Antenna 5T	Yes	Yes	No	Yes	No
Bluetooth Antenna 1a	Yes	No	Yes	No	Yes
Bluetooth Antenna 3a	Yes	Yes	No	Yes	No

Note: Per FCC KDB Publication 616217 D04v01r01, particular edges were not required to be evaluated for SAR based on the SAR exclusion threshold in KDB 447498 D01V06. Additional edges may have been evaluated for simultaneous transmission analysis.

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1.6 Simultaneous Transmission Capabilities

According to FCC KDB Publication 447498 D01v06, transmitters are considered to be operating simultaneously when there is overlapping transmission, with the exception of transmissions during network hand-offs with maximum hand-off duration less than 30 seconds.

This device contains multiple transmitters that may operate simultaneously, and therefore requires a simultaneous transmission analysis according to FCC KDB Publication 447498 D01v06 4.3.2 procedures.

Table 1-8
Simultaneous Transmission Scenarios

No.	Capable Transmit Configuration	Body
1	Cellular Band + 2.4 GHz WI-FI	Yes
2	Cellular Band + 5 GHz WI-FI	Yes
3	Cellular Band + 2.4 GHz Bluetooth	Yes
4	Cellular Band + 2.4 GHz WI-FI MIMO	Yes
5	Cellular Band + 5 GHz WI-FI MIMO	Yes
6	Cellular Band + 2.4 GHz Bluetooth (TxBF)	Yes
7	Cellular Band + 2.4 GHz Bluetooth + 5 GHz WI-FI	Yes
8	Cellular Band + 2.4 GHz Bluetooth (TxBF) + 5 GHz WI-FI	Yes
9	Cellular Band + 2.4 GHz Bluetooth + 5 GHz WI-FI MIMO	Yes
10	Cellular Band + 2.4 GHz Bluetooth (TxBF) + 5 GHz WI-FI MIMO	Yes
11	2.4 GHz Bluetooth + 5 GHz WI-FI	Yes
12	2.4 GHz Bluetooth MIIMO (TxBF) + 5 GHz WI-FI	Yes
13	2.4 GHz Bluetooth + 5 GHz WI-FI MIMO	Yes
14	2.4 GHz Bluetooth (TxBF) + 5 GHz WI-FI MIMO	Yes

Table 1-9
Simultaneous Transmission Scenarios of Inter-Band ULCA

	official edus Transmission ocenarios of Inter-band ocoa						
No.	Capable Transmit Configuration	Body	Notes				
1	Cellular Antenna 2 LB + Cellular Antenna 1b MB/HB	Yes	LTE Bands transmitting from Antenna 2 LB: LTE B12/13/5 LTE Bands transmitting from Antenna 1b MB/HB: LTE B4/66/2/7				
2	Cellular Antenna 2 LB + Cellular Antenna 3b MB/HB	Yes	LTE Bands transmitting from Antenna 2 LB: LTE B12/13/5 LTE Bands transmitting from Antenna 3b MB/HB: LTE B4/66/2/7				
3	Cellular Antenna 2 LB + Cellular Antenna 4 MB/HB	Yes	LTE Bands transmitting from Antenna 2 LB: LTE B12/13/5 LTE Bands transmitting from Antenna 4 MB/HB: LTE B4/66/2/7				
4	Cellular Antenna 4 LB + Cellular Antenna 1b MB/HB	Yes	LTE Bands transmitting from Antenna 4 LB: LTE B12/13/5 LTE Bands transmitting from Antenna 1b MB/HB: LTE B4/66/2/7				
5	Cellular Antenna 4 LB + Cellular Antenna 2 MB/HB	Yes	LTE Bands transmitting from Antenna 4 LB: LTE B12/13/5 LTE Bands transmitting from Antenna 2 MB/HB: LTE B4/66/2/7				
6	Cellular Antenna 4 LB + Cellular Antenna 3b MB/HB	Yes	LTE Bands transmitting from Antenna 4 LB: LTE B12/13/5 LTE Bands transmitting from Antenna 3b MB/HB: LTE B4/66/2/7				

Note: The technical description includes all the possible Inter-band ULCA combinations.

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Table 1-10
Simultaneous Transmission Scenarios with Inter-Band ULCA Active

No.	Capable Transmit Configuration	Body
1	LTE Inter-Band ULCA + 2.4 GHz WI-FI	Yes
2	LTE Inter-Band ULCA + 5 GHz WI-FI	Yes
3	LTE Inter-Band ULCA + 2.4 GHz Bluetooth	Yes
4	LTE Inter-Band ULCA + 2.4 GHz WI-FI MIMO	Yes
5	LTE Inter-Band ULCA + 5 GHz WI-FI MIMO	Yes
6	LTE Inter-Band ULCA + 2.4 GHz Bluetooth (TxBF)	Yes
7	LTE Inter-Band ULCA + 2.4 GHz Bluetooth + 5 GHz WI-FI	Yes
8	LTE Inter-Band ULCA + 2.4 GHz Bluetooth (TxBF) + 5 GHz WI-FI	Yes
9	LTE Inter-Band ULCA + 2.4 GHz Bluetooth + 5 GHz WI-FI MIMO	Yes
10	LTE Inter-Band ULCA + 2.4 GHz Bluetooth (TxBF) + 5 GHz WI-FI MIMO	Yes

Note: LTE inter-band ULCA can operate in any of the combinations in Table 1-9

- There are no limitations in the above listed simultaneous transmission scenarios between cellular antennas and BT/WI-FI antennas.
- 2. 2.4 GHz WLAN and 2.4 GHz Bluetooth share the same antenna path and cannot transmit simultaneously.
- 3. For licensed bands, Ant 1a and Ant 1b cannot transmit simultaneously, and Ant 3a and Ant 3b cannot transmit simultaneously.
- 4. This device supports 2x2 MIMO Tx for WLAN 802.11a/g/n/ac/ax. 802.11a/g/n/ac/ax supports CDD and STBC and 802.11n/ac/ax additionally supports SDM. Each WLAN antenna can transmit independently or together when operating with MIMO.
- EN-DC operation is supported with LTE + 5G NR FR1 scenarios. The LTE anchor bands are shown in the NR FR1 checklist.
- 6. This device supports VoWIFI.

1.7 Miscellaneous SAR Test Considerations

(A) WIFI/BT

Based on the maximum allowed power for the respective antennas, U-NII-1 was evaluated for Antenna 5T and U-NII-2A was evaluated for Antenna 1b and Antenna 3b. Additional testing for U-NII-2A Antenna 5T and for U-NII-1 Antenna 1b and Antenna 3b SAR was not required since all reported SAR was less than 1.2 W/kg per FCC KDB Publication 248227 D01v02r02.

The WLAN/Bluetooth chipset in this device is produced by two different suppliers. The electrically identical modules are manufactured with the identical mechanical structure to meet the same specifications and functions. Two device variants are referenced as Variant 1 and Variant 2 in this report. WLAN/Bluetooth SAR worst case configuration was spotchecked on Variant 1 and Variant 2. The Variant with the highest reported SAR value was evaluated for the remaining WLAN/Bluetooth configurations.

This device supports channel 1-13 for 2.4 GHz WLAN. However, because channel 12/13 targets are not higher than that of channels 1-11, channels 1, 6, and 11 were considered for SAR testing per FCC KDB 248227 D01V02r02.

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This device supports IEEE 802.11ac with the following features:

- a) Up to 80 MHz Bandwidth only
- b) No aggregate channel configurations
- c) 1 2 Tx antenna output
- d) 256 QAM is supported
- e) TDWR and Band gap channels are supported

This device supports IEEE 802.11ax with the following features:

- a) Up to 80 MHz Bandwidth only for 5 GHz
- b) Up to 20 MHz Bandwidth only for 2.4 GHz
- c) No aggregate channel configurations
- d) 2 Tx antenna output
- e) Up to 1024 QAM is supported
- TDWR and Band gap channels are supported for 5 GHz
- g) MU-MIMO UL Operations are not supported

Per April 2019 TCB Workshop Notes, SAR testing was not required for 802.11ax when applying the initial test configuration procedures of KDB 248227, with 802.11ax considered a higher order 802.11 mode.

(B) Licensed Transmitter(s)

This device is only capable of QPSK HSUPA in the uplink. Therefore, no additional SAR tests are required beyond that described for devices with HSUPA in KDB 941225 D01v03r01.

NR implementation supports SA and NSA mode. In EN-DC mode, NR operates with the LTE Bands shown in the NR FR1 checklist acting as anchor bands. Per FCC guidance, SAR tests for NR Bands and LTE Anchors Bands were performed separately due to limitations in SAR probe calibration factors

LTE SAR for the higher modulations and lower bandwidths were not tested since the maximum average output power of all required channels and configurations was not more than 0.5 dB higher than the highest bandwidth; and the reported LTE SAR for the highest bandwidth was less than 1.45 W/kg for all configurations according to FCC KDB 941225 D05v02r04.

This device supports LTE Carrier Aggregation (CA) in the downlink. All uplink communications are identical to Release 8 specifications. Per FCC KDB Publication 941225 D05A v01r02, SAR for LTE CA operations was not needed since the maximum average output power in LTE CA mode was not >0.25 dB higher than the maximum output power when downlink carrier aggregation was inactive. The downlink carrier aggregation exclusion analysis can be found in Appendix F.

This device supports downlink 4x4 MIMO operations for some LTE Bands. Per May 2017 TCB Workshop Notes, SAR for 4x4 DL MIMO was not needed since the maximum average output power in 4x4 DL MIMO mode was not more than 0.25 dB higher than the maximum output power with 4x4 DL MIMO inactive. Additionally, SAR for 4x4 MIMO Downlink Carrier Aggregation was not needed since the maximum average output power in 4x4 MIMO Downlink Carrier Aggregation mode was not more than 0.25 dB higher than the maximum output power with 4x4 MIMO Downlink and downlink carrier aggregation inactive.

This device supports LTE/NR capabilities with overlapping transmission frequency ranges. When the supported frequency range of an LTE/NR Band falls completely within an LTE/NR band with a larger transmission frequency range, both LTE/NR bands have the same target power (or the band with the larger transmission frequency range has a higher target power), and both LTE/NR bands share the same

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transmission path and signal characteristics, SAR was only assessed for the band with the larger transmission frequency range.

This device supports both Power Class 2 (PC2) and Power Class 3 (PC3) for LTE Band 41 and NR Band n41/77. Per May 2017 TCB Workshop Notes. SAR tests were performed with Power Class 3 (given the specific UL/DL limitations for Power Class 2). Additionally, SAR testing for the power class 2 condition was evaluated for the highest configuration in Power Class 3 for each test configuration to confirm the results were scalable linearly (See Section 13).

This device supports LTE Carrier Aggregation (CA) for LTE Band 41, LTE Band 48, LTE Band 5, LTE Band 66, and LTE Band 7 with two component carriers in the uplink. SAR Measurements and conducted powers were evaluated per 2017 Fall TCB Workshop Notes.

This device supports inter-band LTE Carrier Aggregation (CA) for LTE Bands 2/4/5/7/12/13/14/66 with two component carriers in the uplink

1.8 **Guidance Applied**

- FCC KDB Publication 941225 D01v03r01, D05v02r04, D05Av01r02 (3G/4G)
- FCC KDB Publication 248227 D01v02r02 (SAR Considerations for 802.11 Devices)
- FCC KDB Publication 447498 D01v06 (General SAR Guidance)
- FCC KDB Publication 865664 D01v01r04, D02v01r02 (SAR Measurements up to 6 GHz)
- FCC KDB Publication 616217 D04v01r02 (Tablet)
- May 2017 TCB Workshop Notes (LTE 4x4 Downlink MIMO, LTE Band 41 Power Class 2/3)
- April 2018 TCB Workshop Notes (LTE Carrier Aggregation)
- April 2019 TCB Workshop Notes (IEEE 802.11ax)
- October 2018 TCB Workshop Notes (Inter-band Uplink Carrier Aggregation)

1.9 **Device Serial Numbers**

Several samples with identical hardware were used to support SAR testing. The manufacturer has confirmed that the device(s) tested have the same physical, mechanical and thermal characteristics and are within operational tolerances expected for production units. The serial numbers used for each test are indicated alongside the results in Section 10.

Bibliography 1.10

Report Type	Report Serial Number
SAR Part 0 Test Report	1C2106080049-27.BCG
RF Exposure Part 2 Test Report	1C2106080049-29.BCG
RF Exposure Compliance Summary Report	1C2106080049-31.BCG

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	Ľ	TE Information				
orm Factor requency Range of each LTE transmission band		LTE	Tablet Device Band 71 (665.5 - 695.5	MHz)		
		LTE	Band 12 (699.7 - 715.3	MHz)		
	LTE Band 17 (706.5 - 713.5 MHz) LTE Band 13 (779.5 - 784.5 MHz)					
	LTE Band 14 (790.5 - 795.5 MHz)					
	LTE Band 26 (Cell) (814.7 - 848.3 MHz) LTE Band 5 (Cell) (824.7 - 848.3 MHz)					
		LTE Ban	d 4 (AWS) (1710.7 - 17	54.3 MHz)		
			l 66 (AWS) (1710.7 - 17 d 2 (PCS) (1850.7 - 190			
		LTE Band	d 25 (PCS) (1850.7 - 19	14.3 MHz)		
		LTE B	land 30 (2307.5 - 2312.	5 MHz)		
			Band 7 (2502.5 - 2567.5 land 41 (2502.5 - 2687.			
		LTE B	and 48: (3552.5 - 3697.	5 MHz)		
annel Bandwidths		LTE Band 7	1: 5 MHz, 10 MHz, 15 M 12: 1.4 MHz, 3 MHz, 5 M	MHz, 20 MHz MHz, 10 MHz		
			E Band 17: 5 MHz, 10 M			
			E Band 13: 5 MHz, 10 M E Band 14: 5 MHz, 10 M			
		LTE Band 26	(Cell): 1.4 MHz, 3 MHz,	5 MHz, 10 MHz		
	1	TE Band 4 (AWS): 1.4	Cell): 1.4 MHz, 3 MHz, 5 MHz, 3 MHz, 5 MHz, 1	0 MHz, 10 MHz, 20 MH	lz	
	L	TE Band 66 (AWS): 1.	4 MHz, 3 MHz, 5 MHz, 1 MHz, 3 MHz, 5 MHz, 1	10 MHz, 15 MHz, 20 MI	-tz	
	L	TE Band 2 (PCS): 1.4	4 MHz, 3 MHz, 5 MHz, 1 4 MHz, 3 MHz, 5 MHz, 1	0 MHz, 15 MHz, 20 MH 0 MHz, 15 MHz, 20 MH	z łz	
		LT	E Band 30: 5 MHz, 10 N	ИHz		
			7: 5 MHz, 10 MHz, 15 N H: 5 MHz, 10 MHz, 15 N			
nannel Numbers and Frequencies (MHz)	Low		8: 5 MHz, 10 MHz, 15 M Mid		High	
E Band 71: 5 MHz	665.5 (133147)	680.5 (133297)	695.5 (133447)	
E Band 71: 10 MHz E Band 71: 15 MHz		33172)	680.5 (133297) 680.5 (133297)	693 (1	133422)	
E Band 71: 20 MHz	670.5 (1 673 (1	133197) 33222)	680.5 (133297)		133397)	
E Band 12: 1.4 MHz	699.7 (23017)	707.5 (23095)	715.3	(23173)	
E Band 12: 3 MHz E Band 12: 5 MHz	700.5 (701.5 (707.5 (23095) 707.5 (23095)		(23165) (23155)	
E Band 12: 10 MHz	704 (2	23060)	707.5 (23095)	711 (23130)	
E Band 17: 5 MHz E Band 17: 10 MHz		23755)	710 (23790) 710 (23790)		(23825) 23800)	
E Band 13: 5 MHz	709 (2 779.5 (782 (23230)		(23255)	
E Band 13: 10 MHz	N	/A	782 (23230)	1	VA	
E Band 14: 5 MHz E Band 14: 10 MHz	790.5 ((23305) /A	793 (23330) 793 (23330)		(23355) VA	
E Band 26 (Cell): 1.4 MHz	814.7 (831.5 (26865)	848.3 (27033)		
E Band 26 (Cell): 3 MHz E Band 26 (Cell): 5 MHz	815.5 (816.5 (831.5 (26865) 831.5 (26865)	847.5 (27025) 846.5 (27015)		
E Band 26 (Cell): 10 MHz	819 (2		831.5 (26865)	846.5 (27015) 844 (26990)		
E Band 5 (Cell): 1.4 MHz	824.7 (836.5 (20525)	848.3 (20643)		
E Band 5 (Cell): 3 MHz E Band 5 (Cell): 5 MHz	825.5 (826.5 /	20415)	836.5 (20525) 836.5 (20525)	847.5 (20635) 846.5 (20625)		
E Band 5 (Cell): 10 MHz		20450)	836.5 (20525)	844 (20600)		
E Band 4 (AWS): 1.4 MHz E Band 4 (AWS): 3 MHz		(19957)	1732.5 (20175)	1754.3 (20393) 1753.5 (20385)		
E Band 4 (AWS): 5 MHz	1711.5 1712.5	(19975)	1732.5 (20175) 1732.5 (20175)		(20375)	
E Band 4 (AWS): 10 MHz E Band 4 (AWS): 15 MHz		20000)	1732.5 (20175)		(20350)	
E Band 4 (AWS): 15 MHz	1717.5 1720 (20050)	1732.5 (20175) 1732.5 (20175)		(20325)	
E Band 66 (AWS): 1.4 MHz	1710.7 (131979)	1745 (132322)	1779.3	(132665)	
E Band 66 (AWS): 3 MHz E Band 66 (AWS): 5 MHz	1711.5 (1712.5 (131987)	1745 (132322) 1745 (132322)		(132657) (132647)	
E Band 66 (AWS): 10 MHz	1715 (1	132022)	1745 (132322)	1775 (132622)	
E Band 66 (AWS): 15 MHz E Band 66 (AWS): 20 MHz	1717.5 (1720 (132047)	1745 (132322) 1745 (132322)		(132597) 132572)	
E Band 2 (PCS): 1.4 MHz		(18607)	1880 (18900)		(19193)	
E Band 2 (PCS): 3 MHz E Band 2 (PCS): 5 MHz		(18615)	1880 (18900)		(19185)	
E Band 2 (PCS): 5 MHz		(18625) 18650)	1880 (18900) 1880 (18900)		(19175) (19150)	
Band 2 (PCS): 15 MHz	1857.5	(18675)	1880 (18900)	1902.5	(19125)	
E Band 2 (PCS): 20 MHz E Band 25 (PCS): 1.4 MHz		18700) (26047)	1880 (18900) 1882.5 (26365)		(19100) (26683)	
Band 25 (PCS): 3 MHz	1851.5	(26055)	1882.5 (26365)	1913.5	(26675)	
Band 25 (PCS): 5 MHz Band 25 (PCS): 10 MHz	1852.5 1855 ((26065)	1882.5 (26365) 1882.5 (26365)		(26665)	
Band 25 (PCS): 15 MHz	1857.5	(26115)	1882.5 (26365)	1907.5	(26615)	
E Band 25 (PCS): 20 MHz E Band 30: 5 MHz		26140)	1882.5 (26365)		(26590)	
Band 30: 10 MHz		(27685) /A	2310 (27710) 2310 (27710)		(27735) √A	
E Band 7: 5 MHz	2502.5	(20775)	2535 (21100)		(21425)	
Band 7: 10 MHz Band 7: 15 MHz		20800) (20825)	2535 (21100) 2535 (21100)		(21400)	
Band 7: 15 MHz Band 7: 20 MHz	2510 (20850)	2535 (21100)	2560	(21350)	
E Band 41: 5 MHz E Band 41: 10 MHz	2506 (39750) 2506 (39750)	2549.5 (40185) 2549.5 (40185)	2593 (40620) 2593 (40620)	2636.5 (41055) 2636.5 (41055)	2680 (41490) 2680 (41490)	
Band 41: 15 MHz	2506 (39750)	2549.5 (40185)	2593 (40620)	2636.5 (41055)	2680 (41490)	
E Band 41: 20 MHz E Band 48: 5 MHz	2510 (39790) 3552.5 (55265)	2549.5 (40185) 3600.8 (55748)	2593 (40620) N/A	2636.5 (41055) 3649.2 (56232)	2680 (41490) 3697.5 (56715	
Band 48: 10 MHz	3555 (55290)	3601.7 (55757)	N/A	3648.3 (56223)	3695 (56690)	
Band 48: 15 MHz Band 48: 20 MHz	3557.5 (55315)	3602.5 (55765)	N/A	3647.5 (56215)	3692.5 (56665	
Category	3560 (55340) DL UE Cat 20 (6	3603.3 (55773 QPSK, 16QAM, 64QAM		3646.7 (56207) 18 (QPSK, 16QAM 64	3690 (56640) QAM, 256QAM)	
dulations Supported in UL			K, 16QAM, 64QAM, 25	6QAM		
MPR Permanently implemented per 3GPP TS 101 section 6.2.3–6.2.5? (manufacturer attestation			YES			
pe provided) MPR (Additional MPR) disabled for SAR Testing?			YES			
E Carrier Aggregation Possible Combinations	75. 1	obnical des		wine annuan	entions	
			udes all the possible car			
E Additional Information	Release 8 Specificatio	ns. Uplink communicati	s on 3GPP Release 15. ons are done on the PC MIMO, eICIC, WIFI Offli		elease 15 Features	

FCC ID: BCGA2568	POTEST* Proud to be part of @ demond	SAR EVALUATION REPORT	Approved by: Quality Manager	
Document S/N:	Test Dates:	DUT Type:	Dago 45 of 201	
1C2106080049-28.BCG (Rev 1)	06/23/2021-08/23/2021	Tablet Device	Page 45 of 201	

	N	R Information					
Form Factor Frequency Range of each NR transmission band			Tablet NR Band n71 (66	5.5 - 695.5 MHz)			
			NR Band n12 (70	1.5 - 713.5 MHz)			
	NR Band n5 (Cell) (826.5 - 846.5 MHz) NR Band n66 (AWS) (1712.5 - 1777.5 MHz)						
			NR Band n2 (PCS) (1 NR Band n25 (PCS) (
			NR Band n30 (230	7.5 - 2312.5 MHz)			
			NR Band n7 (250)	2.5 - 2567.5 MHz)			
			NR Band n41 (2506 NR Band n78 (3460	.02 - 2679.99 MHz) .02 - 3639.99 MHz)			
			NR Band n78 (3460 NR Band n77 DoD (3 NR Band n77 C (371	9640.02 - 3540 MHz)			
Channel Bandwidths			NR Band n71: 5 MHz, 10 NR Band n12: 5 MH	0 MHz, 15 MHz, 20 MH	ż		
		NF	NR Band n12: 5 MHz, Band n5 (Cell): 5 MHz,	lz, 10 MHz, 15 MHz 10 MHz, 15 MHz, 20 N	fHz		
		NR Rand n66	(AWS): 5 MHz 10 MHz	15 MHz 20 MHz 30	MHz 40 MHz		
		NR Band n25 (PC NR	S): 5 MHz, 10 MHz, 15 Band n2 (PCS): 5 MHz	MHz, 20 MHz, 25 MHz 10 MHz, 15 MHz, 20 MHz	, 30 MHz, 40 MHz MHz		
			NR Band n30: 5 MHz, 10 MHz, 15 MH	5 MHz. 10 MHz			
		NR Band n41: 20 M	5 MHz, 10 MHz, 15 MHz Hz, 30 MHz, 40 MHz, 51	z, 20 MHz, 25 MHz, 30 D MHz, 60 MHz, 80 MH	z, 90 MHz, 100 MHz		
	NR N	NR Band n41: 20 M Band n77 DoD: 20 MH R Band n77 C: 20 MHz,	z, 30 MHz, 40 MHz, 50 I	MHz, 60 MHz, 70 MHz, Hz 60 MHz 70 MHz 9	80 MHz, 90 MHz, 100 M	MHz	
Channel Numbers and Frequencies (MHz) NR Band n71: 5 MHz	Low	Low-Mid	l M	id	Mid-High	High	
NR Band n71: 5 MHz NR Band n71: 10 MHz	665.5	(133147) 133600)	680.5 (1	136100)	695.5 (693 (1	133447)	
NR Band n71: 15 MHz	670.5 (134100) 680.5 (136100)					138100)	
NR Band n71: 20 MHz NR Band n12: 5 MHz	673 (1	134600)	680.5 (136100)		37600)	
NR Rand n12: 10 MHz		(140300) (140800)	707.5 (* 707.5 (*		713.5 (711 (1	142700) 42200)	
NR Band n12: 15 MHz	706.5	(141300)	707.5 (*	141500)	708.5 (141700)	
NR Band n5 (Cell): 5 MHz NR Band n5 (Cell): 10 MHz	826.5	(165300)		167300)	846.5 (844 (1	169300)	
NR Band n5 (Cell): 15 MHz	831.5	(165800) (166300)	836.5 (1 836.5 (1	167300)	841.5 (168300)	
NR Band n5 (Cell): 20 MHz	834 (1	166800)	836.5 (167300)	839 (1	67800)	
NR Band n66 (AWS): 5 MHz NR Band n66 (AWS): 10 MHz		(342500) 343000)	1745 (3 1745 (3			(355500)	
NR Band n66 (AWS): 15 MHz		(343500)	1745 (3		1775 (
NR Band n66 (AWS): 20 MHz NR Band n66 (AWS): 30 MHz		344000)	1745 (3 1745 (3			354000)	
NR Band n66 (AWS): 40 MHz		345000) 346000)	1745 (3 1745 (3			353000) 352000)	
NR Band n25 (PCS): 5 MHz	1852.5	(370500)	1882.5 ((382500)	
NR Band n25 (PCS): 10 MHz NR Band n25 (PCS): 15 MHz		371000) (371500)	1882.5 (1882.5 (382000) (381500)	
NR Band n25 (PCS): 20 MHz	1860 (372000)	1882.5 (376500)	1905 (381000)	
NR Band n25 (PCS): 25 MHz NR Band n25 (PCS): 30 MHz	1862.5 (372500) 1882.5 (376500) 1865 (373000) 1882.5 (376500)			1902.5 (380500)			
NR Band n25 (PCS): 40 MHz		374000)	1882.5 (1900 (380000) 1895 (379000)		
NR Band n2 (PCS): 5 MHz	1852.5	(370500)	1880 (376000) 1880 (376000)		1907.5 (381500)		
NR Band n2 (PCS): 10 MHz NR Band n2 (PCS): 15 MHz		371000) (371500)	1880 (3 1880 (3		1905 (381000) 1902.5 (380500)		
NR Band n2 (PCS): 20 MHz	1860 (372000)	1880 (3	76000)	1900 (380000)	
NR Band n30: 5 MHz NR Band n30: 10 MHz	2307.5	(461500) VA	2310 (4 2310 (4	162000)	2312.5	(462500)	
NR Band n7: 5 MHz		(500500)	2535 (5	(07000)		(513500)	
NR Band n7: 10 MHz NR Band n7: 15 MHz	2505 (501000) (501500)	2535 (5		2565 (513000) 2562.5 (512500)		
NR Band n7: 20 MHz		502000)	2535 (5 2535 (5		2560 (1	512000)	
NR Band n7: 25 MHz NR Band n7: 30 MHz		(502500) 503000)		07000)		(511500)	
NR Band n7: 40 MHz		504000)	2535 (507000) 2535 (507000)		2555 (511000) 2550 (510000)		
NR Band n41: 20 MHz NR Band n41: 30 MHz	2506.02 (501204)	2549.49 (509898)	2592.99 (518598) 2592.99 (518598)		2636.49 (527298) 2679.99 (535998		
NR Band n41: 40 MHz	2511 (502200) 2516.01 (503202)	2552.01 (510402) 2567.34 (513468)	N	/A	2618.67 (523734)	2674.98 (534996) 2670 (534000)	
NR Band n41: 50 MHz	2521.02	(504204)	2592.99 (518598) 2592.99 (518598)		2664.99	(532998)	
NR Band n41: 60 MHz NR Band n41: 80 MHz		505200)	2592.99 N			(531996) (529998)	
NR Band n41: 90 MHz	2541 (508200)	N	/A	2644.98	(528996)	
NR Band n41: 100 MHz NR Band n77 DnD: 20 MHz		(509202) (630668)	2592.99	(518598) (633334)		528000) 636000)	
NR Band n77 DoD: 20 MHz NR Band n77 DoD: 30 MHz		631000)	3500.01			(635666)	
NR Band n77 DoD: 40 MHz NR Band n77 DoD: 50 MHz		(631334)	N			(635332)	
NR Band n77 DoD: 60 MHz		(631668) VA	N 3500.01	(633334)		835000) VA	
NR Band n77 DoD: 70 MHz		VA	3500.01	(633334)		VA	
NR Band n77 DoD: 80 MHz NR Band n77 DoD: 90 MHz		VA VA	3500.01 3500.01		A A	VA VA	
		VA.		(633334)	4	VA	
NR Band n77 DoD: 100 MHz							
NR Band n/7 DoD: 100 MHz NR Band n/7 C: 20 MHz NR Band n/7 C: 30 MHz	3710.01 (647334)	3762 (650800)	3813.99 (654266)	3866.01 (657734)	3918 (661200)	3969.99 (664666)	
NR Band n77 C: 20 MHz NR Band n77 C: 30 MHz NR Band n77 C: 40 MHz	3715.02 (647668) 3720 (648000)	3765 (651000) 3768 (651200)	3813.99 (654266) 3815.01 (654334) 3816 (654400)	3866.01 (657734) 3864.99 (657666) 3864 (657600)	3915 (661000) 3912 (660800)	3964.98 (664332) 3960 (664000)	
NR Band n77 C: 20 MHz NR Band n77 C: 30 MHz NR Band n77 C: 40 MHz NR Band n77 C: 50 MHz NR Band n77 C: 50 MHz	3715.02 (647668) 3720 (648000) 3725.01 (648334)	3765 (651000) 3768 (651200) 3782.49 (652166)	3813.99 (654266) 3815.01 (654334) 3816 (654400) 3840 (6	3866.01 (657734) 3864.99 (657666) 3864 (657600) 56000)	3915 (661000) 3912 (660800) 3897.51 (659834)	3964.98 (664332) 3960 (664000) 3954.99 (663666)	
NR Band n77 C: 20 MHz NR Band n77 C: 30 MHz NR Band n77 C: 40 MHz	3715.02 (647668) 3720 (648000) 3725.01 (648334) 3730.02 (648668)	3765 (651000) 3768 (651200) 3782.49 (652166) 3803.34 (653556)	3813.99 (654266) 3815.01 (654334) 3816 (654400) 3840 (6	3866.01 (657734) 3864.99 (657666) 3864 (657600) 56000) N/A	3915 (661000) 3912 (660800) 3897.51 (659834) 3876.66 (658444)	3964.98 (664332) 3960 (664000) 3954.99 (663666) 3949.98 (663332)	
NR Bard of TC C 20 MHz NR Bard of TC C 30 MHz NR Bard of TC C 40 MHz NR Bard of TC C 40 MHz NR Bard of TC C 50 MHz NR Bard of TC C 50 MHz NR Bard of TC TC 50 MHz NR Bard of TC TC 70 MHz NR Bard of TC TC 50 MHz	3715.02 (647668) 3720 (648000) 3725.01 (648334) 3730.02 (648668) 3735 (649000) 3740.01 (649334)	3765 (651000) 3768 (651200) 3782.49 (652166) 3803.34 (653556) 3804.99 (653666) N/A	3813.99 (654266) 3815.01 (654334) 3816 (654400) 3840 (6 N/A N/A N 3840 (6	3866.01 (657734) 3864.99 (657666) 3864 (657600) (56000) N/A	3915 (661000) 3912 (660800) 3897.51 (659834) 3876.66 (658444) 3875.01 (658334) N/A	3964.98 (664332) 3960 (664000) 3954.99 (663666) 3949.98 (663332) 3945 (663000) 3939.99 (662666)	
NR Band (177 C 20 MHz NR Band (177 C 70 MHz	3715.02 (647668) 3720 (648000) 3725.01 (648334) 3730.02 (648688) 3735 (649000) 3740.01 (649334) 3745.02 (649668)	3765 (651000) 3768 (651200) 3782.49 (652166) 3803.34 (653556) 3804.99 (653666) N/A N/A	3813.99 (654266) 3815.01 (654334) 3816 (654400) 3840 (6 N/A N/A 3840 (6 3840 (6	3866.01 (657734) 3864.99 (657666) 3864 (657600) 556000) N/A (A (56000)	3915 (661000) 3912 (660800) 3897.51 (659834) 3876.66 (658444) 3875.01 (658334) N/A N/A	3964.98 (664332) 3960 (664000) 3954.99 (663666) 3949.98 (663332) 3945 (663000) 3939.99 (662666) 3934.98 (662332)	
NR Band or 7C & 50 MHz	3715.02 (647668) 3720 (648000) 3725.01 (648334) 3730.02 (648668) 3735 (649000) 3740.01 (649334)	3765 (651000) 3768 (651200) 3782.49 (652166) 3803.34 (653556) 3804.99 (653666) N/A	3813.99 (654266) 3815.01 (654334) 3816 (654400) 3840 (6 N/A N 3840 (6 3840 (6 N/A	3866.01 (657734) 3864.99 (657666) 3864 (657600) 56000) N/A (A (56000) N/A	3915 (661000) 3912 (660800) 3897.51 (659834) 3876.66 (658444) 3875.01 (658334) N/A	3964.98 (664332) 3960 (664000) 3954.99 (663666) 3949.98 (663332) 3945 (663000) 3939.99 (662666)	
RR Band of 7 C 20 MHz	3715.02 (647668) 3720 (648000) 3725.01 (648334) 3730.02 (648688) 3735 (649000) 3740.01 (649334) 3745.02 (649668)	3765 (651000) 3768 (651200) 3782.49 (652166) 3803.34 (653556) 3804.99 (653666) N/A N/A	3813.99 (654266) 3815.01 (654334) 3816 (654400) 3840 (6 N/A N/A 3840 (6 N/A 15 30	3866.01 (657734) 3864.99 (657666) 3864 (657600) 550000) N/A A A 550000) N/A A A A A A A A A A A A A A A A A A A	3915 (661000) 3912 (660800) 3897.51 (659834) 3876.66 (658444) 3875.01 (658334) N/A N/A	3964.98 (664332) 3960 (664000) 3954.99 (663666) 3949.98 (663332) 3945 (663000) 3939.99 (662666) 3934.98 (662332)	
96 Band of 7C 2 30 Mets 98 Band of 7C 30 Mets 98 Band of 7C 30 Mets 98 Band of 7C 40 Met	3715.02 (647668) 3720 (648000) 3725.01 (648334) 3730.02 (648688) 3735 (649000) 3740.01 (649334) 3745.02 (649668)	3765 (651000) 3768 (651200) 3782.49 (652166) 3803.34 (653556) 3804.99 (653666) N/A N/A	3813.99 (654266) 3815.01 (654334) 3816 (654400) 3840 (6 N/A N/A 15 3840 (6 N/A 15 30 OFDM: m/2 BPSK, QPS CP-OFDM: QPSK, 16C	3866.01 (657734) 3864.99 (657666) 3864 (657600) 580000) N/A /A /	3915 (661000) 3992 (660800) 3897.51 (659834) 3876.66 (658444) 3875.01 (658334) N/A N/A N/A	3964.98 (664332) 3960 (664000) 3954.99 (663666) 3949.98 (663332) 3945 (663000) 3939.99 (662666) 3934.98 (662332)	
NR Band of 7C 20 MHz NR Band of 7C 30 MHz NR Band o	3715.02 (647668) 3720 (648000) 3725.01 (648334) 3730.02 (648688) 3735 (649000) 3740.01 (649334) 3745.02 (649668)	3765 (651000) 3768 (651200) 3768.49 (652166) 3803.34 (653556) 3804.99 (65366) N/A N/A N/A DFT-s-	3813.99 (654266) 3815.01 (654304) 3816. (654400) 3840. (6 NA NA 3840. (6 N/A 15 30.00 OFDM: m/2 BPSK, QPS CP-OFDM: QPSK, 16C	3866.01 (657734) 3864.99 (65766) 3864 (657600) 56000) N/A (A (56000) 560000) N/A (Hz. Hz. Hz. K, 16QAM, 64QAM, 256QAM	3915 (661000) 3912 (660000) 3897.51 (659834) 3876.66 (659444) 3875.01 (688334) N/A N/A N/A	3964.98 (664332) 3960 (664000) 3954.99 (663666) 3949.98 (663332) 3945 (663000) 3939.99 (662666) 3934.98 (662332)	
Self Band of 7C 2 30 Mets MS Band of 7C 3 50 Mets MS Band of 7C 4 50 Mets MS Band of 7C 5 50 Mets MS B	3715.02 (647668) 3720 (648000) 3725.01 (648334) 3730.02 (648688) 3735 (649000) 3740.01 (649334) 3745.02 (649668)	3765 (651000) 3768 (651200) 3768.49 (652166) 3803.34 (653556) 3804.99 (65366) N/A N/A N/A DFT-s-	3813 99 (65428) 3815.01 (65428) 3816 (954400) 3840 (6 NA NA 15 30 OFDM: n/2 BPSK, QPS CP-OFDM: QPSK, 16C	3868.01 (657734) 3864.99 (657600) 86000) NA A 560000 NNA A 6412 6412 6412 6412 6414 6414 6414 6414	3915 (661000) 3912 (660000) 3897.51 (659834) 3876.66 (659444) 3875.01 (688334) N/A N/A N/A	3964.98 (664332) 3960 (664000) 3954.99 (663666) 3949.98 (663332) 3945 (663000) 3939.99 (662666) 3934.98 (662332)	
NR Band of 7C 2 30 MHz NR Band of 7C 30 MHz NR Band of 7C 30 MHz NR Band of 7C 40 MHz NR Band	3715.02 (647668) 3720 (648000) 3725.01 (648334) 3730.02 (648688) 3735 (649000) 3740.01 (649334) 3745.02 (649668)	3765 (651000) 3768 (651200) 3768.49 (652166) 3803.34 (653556) 3804.99 (65366) N/A N/A N/A DFT-s-	3813 99 (65428) 3816 (165439) 3816 (165439) 3816 (165439) NA N 3840 (6 3840 (6 3840 (6 0FDM: m/2 BPSK, QPS CP-OFDM: QPSK, 16C	3886.01 (657734) 3864.99 (657600) 3864.99 (657600) 560000) N/A A 560000) N/A A 560000 N/A A 560000 N/A A 560000 A A 560000 A 560000 A 560000 A 560000 S 5600000 S 560000 S 560	3915 (661000) 3912 (660000) 3897.51 (659834) 3876.66 (659444) 3875.01 (688334) N/A N/A N/A	3964.98 (664332) 3960 (664000) 3954.99 (663666) 3949.98 (663332) 3945 (663000) 3939.99 (662666) 3934.98 (662332)	
Self Band of 7C 2 30 Mets MS Band of 7C 3 20 Mets MS Band of 7C 3 30 Mets MS Band of 7C 30 Mets MS Band of 7C 40 Mets MS Band of 7C	3715.02 (647668) 3720 (648000) 3725.01 (648334) 3730.02 (648688) 3735 (649000) 3740.01 (649334) 3745.02 (649668)	3765 (651000) 3768 (651200) 3768.49 (652166) 3803.34 (653556) 3804.99 (65366) N/A N/A N/A DFT-s-	3813.99 (654269) 3816.01 (654391) 3816.01 (654391) 3816.01 (654391) 3816.01 (654400) NA 3840.01 NA 15 30 OFDM: ##2 BPSK, QPS CPC-OFDM: OPSK, 16C LTE Ban LTE Ban LTE Ban	3886.01 (657734) 3886.49 (657800) 3884.49 (657800) 580000) NA A 5860000 NA A 6464 647 648 648 648 648 648 648 648 648 648 648	3915 (661000) 3912 (660000) 3897.51 (659834) 3876.66 (659444) 3875.01 (688334) N/A N/A N/A	3964.98 (664332) 3960 (664000) 3954.99 (663666) 3949.98 (663332) 3945 (663000) 3939.99 (662666) 3934.98 (662332)	
NR Band of 7C 2 30 MHz NR Band of 7C 30 MHz NR Band of 7C 30 MHz NR Band of 7C 40 MHz NR Band	3715.02 (647668) 3720 (648000) 3725.01 (648334) 3730.02 (648688) 3735 (649000) 3740.01 (649334) 3745.02 (649668)	3765 (651000) 3768 (651200) 3768.49 (652166) 3803.34 (653556) 3804.99 (65366) N/A N/A N/A DFT-s-	3813 99 (65428) 3816 (165439) 3816 (165439) 3816 (165439) 3840 (10 NA 3840 (10 NA 15 3840 (10 NA 15 CP-OFDM: H72 BPSK, QPS CP-OFDM: QPSK, 16C. YV Cription includes all the p LTE Ban LTE Ban LTE Band	3896.01 (657734) 3896.49 (657600) 3896.49 (657600) 560000) N/A A 5600000 N/A A K 5600000 N/A A K 560000 N/A A K 560000 S K 160AM, 640AM, 2560AM, 2560A	3915 (661000) 3912 (660000) 3897.51 (659834) 3876.66 (659444) 3875.01 (688334) N/A N/A N/A	3964.98 (664332) 3960 (664000) 3954.99 (663666) 3949.98 (663332) 3945 (663000) 3939.99 (662666) 3934.98 (662332)	
Self Band of 7C 2 30 Mets MS Band of 7C 3 50 Mets MS Band of 7C 3 50 Mets MS Band of 7C 3 50 Mets MS Band of 7C 4 50 Mets MS Band of 7C 50 Mets MS B	3715.02 (647668) 3720 (648000) 3725.01 (648334) 3730.02 (648688) 3735 (649000) 3740.01 (649334) 3745.02 (649668)	3765 (651000) 3768 (651200) 3768.49 (652166) 3803.34 (653556) 3804.99 (65366) N/A N/A N/A DFT-s-	3813.9 (65428) 3816.0 (65434) 3816.0 (65434) 3816.0 (65434) NA NA 3840.0 (6 NA 15 30 (0 NA 15 30 (0 CP-OFDM: PL/B 95K, 16C LTE Bard LTE	3886.10 (657734) 3886.49 (657800) 3884.(657800) 560000) NA A 560000) NB MA M4 M5	3915 (661000) 3912 (660000) 3897.51 (659834) 3876.66 (659444) 3875.01 (688334) N/A N/A N/A	3964.98 (664332) 3960 (684000) 3954.99 (663666) 3949.98 (663332) 3945 (663000) 3939.99 (662666) 3934.98 (662332)	
NR Band n7 C 2 00 MHz NR Band n7 C 1 00 MHz NR MHz NR Band n7 C 1 00 MHz NR MH	3715.02 (647668) 3720 (648000) 3725.01 (648334) 3730.02 (648688) 3735 (649000) 3740.01 (649334) 3745.02 (649668)	3765 (651000) 3768 (651200) 3768.49 (652166) 3803.34 (653556) 3804.99 (65366) N/A N/A N/A DFT-s-	3813.99 (654289) 3816.01654391 3816.01654391 3816.01654400) NA NA 3840.01 NA 15 350.01 CPDM: H/2 BPSK, QPSCP-OFDM: OPSK, LTE Bard LTE Bara LTE Bara LTE Bard	3886.01 (657734) 3886.49 (65700) 3886.49 (65700) 56000) NA A 560000 NA A 560000 NA A S 560000 NA S S 50000 S S S S S S S S S S S S S S S	3915 (661000) 3912 (660000) 3897.51 (659834) 3876.66 (659444) 3875.01 (688334) N/A N/A N/A	3964.98 (664332) 3960 (684000) 3954.99 (663666) 3949.98 (663332) 3945 (663000) 3939.99 (662666) 3934.98 (662332)	
NR Band n7 C 2 00 MHz NR Band n7 C 1 00 MHz NR MHz NR Band n7 C 1 00 MHz NR MH	3715.02 (647668) 3720 (648000) 3725.01 (648334) 3730.02 (648688) 3735 (649000) 3740.01 (649334) 3745.02 (649668)	3765 (651000) 3768 (651200) 3768.49 (652166) 3803.34 (653556) 3804.99 (65366) N/A N/A N/A DFT-s-	3813.9 (65429) 3816.01 (65439)	3886.01 (657734) 3886.19 (65700) 3884 (65700) 3884 (65700) NA A 550000) NA A 550000 NA A 550000 NA A 640AM, 2560AM	3915 (661000) 3912 (660000) 3897.51 (659834) 3876.66 (659444) 3875.01 (688334) N/A N/A N/A	3964.98 (664332) 3960 (684000) 3954.99 (663666) 3949.98 (663332) 3945 (663000) 3939.99 (662666) 3934.98 (662332)	
NR Band or 7C - 20 Mets SR Ban	3715.02 (647668) 3720 (648000) 3725.01 (648334) 3730.02 (648688) 3735 (649000) 3740.01 (649334) 3745.02 (649668)	3765 (651000) 3768 (651200) 3768.49 (652166) 3803.34 (653556) 3804.99 (65366) N/A N/A N/A DFT-s-	3813.99 (654289) 3816.01654391 3816.01654391 3816.01654400) NA NA 3840.01 NA 15 350.01 CPDM: H/2 BPSK, QPSCP-OFDM: OPSK, LTE Bard LTE Bara LTE Bara LTE Bard	3886.01 (657734) 3886.19 (657734) 3886.19 (657600) 56000) NA A 560000) NA 640000 NA 64	3915 (661000) 3912 (660000) 3897.51 (659834) 3876.66 (659444) 3875.01 (688334) N/A N/A N/A	3964.98 (664332) 3960 (684000) 3954.99 (663666) 3949.98 (663332) 3945 (663000) 3939.99 (662666) 3934.98 (662332)	
98 Band of 7C 30 MHz 98 Band o	3715.02 (647668) 3720 (648000) 3725.01 (648334) 3730.02 (648688) 3735 (649000) 3740.01 (649334) 3745.02 (649668)	3765 (651000) 3768 (651200) 3768.49 (652166) 3803.34 (653556) 3804.99 (65366) N/A N/A N/A DFT-s-	3813.99 (654298) 3816.01654331 3816.01654331 3816.01654331 3816.016544301 NA NA S450.01 NA S450.01 NA S450.01 NA S450.01 NA LTE Bard LTE Bard LTE Bard 71/12 LTE Bard 12/LTE Bard 12/LTE Bard LTE Bard 21/LTE LTE Bard 21/LTE	3896.01 (697734) 3804.99 (65705) 3804.07 (65705) 580000000000000000000000000000000000	3915 (661000) 3912 (660000) 3897.51 (659834) 3876.66 (659444) 3875.01 (688334) N/A N/A N/A	3964.98 (664332) 3960 (664000) 3954.99 (663666) 3949.98 (663332) 3945 (663000) 3939.99 (662666) 3934.98 (662332)	
948 Band of 7C 2 30 Mete WB Band of 7C 3 50 Mete WB Band of 7C 5 50 Mete WB Band of 7C 50 Mete WB Band of	3715.02 (647668) 3720 (648000) 3725.01 (648334) 3730.02 (648688) 3735 (649000) 3740.01 (649334) 3745.02 (649668)	3765 (651000) 3768 (651200) 3768.49 (652166) 3803.34 (653556) 3804.99 (65366) N/A N/A N/A DFT-s-	3813.9 (65426) 3816.01654301 3816.01654301 3816.01654301 NA No 3840.00 NA STAN STAN STAN STAN STAN STAN STAN ST	3866 01 (86778) 3864 99 (85786) 3864 (9700) 3864 99 (85786) 3864 (9700) 3864 99 (85786) 3864 (9700) 3864 99 (85786) 3864 99 (8	3915 (661000) 3912 (660000) 3897.51 (659834) 3876.66 (659444) 3875.01 (688334) N/A N/A N/A	3964.98 (664332) 3960 (664000) 3954.99 (663666) 3949.98 (663332) 3945 (663000) 3939.99 (662666) 3934.98 (662332)	
98 Band of 7C 30 MHz 98 Band o	3715.02 (647668) 3720 (648000) 3725.01 (648334) 3730.02 (648688) 3735 (649000) 3740.01 (649334) 3745.02 (649668)	3765 (651000) 3768 (651200) 3768.49 (652166) 3803.34 (653556) 3804.99 (65366) N/A N/A N/A DFT-s-	3813.9 (65426) 3816.0 (65439) 3816.0 (65439) 3816.0 (65439) 3816.0 (65439) NA 3840 (6 3840 (6 3840 (6 3840 (6 3840 (6 15 3840 (6 15 15 15 15 15 15 15 15 15 15 15 15 15	3886 D1 (667784) 3864 (916706)	3915 (661000) 3912 (660000) 3897.51 (659834) 3876.66 (659444) 3875.01 (688334) N/A N/A N/A	3964.98 (664332) 3960 (664000) 3954.99 (663666) 3949.98 (663332) 3945 (663000) 3939.99 (662666) 3934.98 (662332)	

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3 INTRODUCTION

The FCC and Innovation, Science, and Economic Development Canada have adopted the guidelines for evaluating the environmental effects of radio frequency (RF) radiation in ET Docket 93-62 on Aug. 6, 1996 and Health Canada Safety Code 6 to protect the public and workers from the potential hazards of RF emissions due to FCC-regulated portable devices. [1]

The safety limits used for the environmental evaluation measurements are based on the criteria published by the American National Standards Institute (ANSI) for localized specific absorption rate (SAR) in IEEE/ANSI C95.1-1992 Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz [3] and Health Canada RF Exposure Guidelines Safety Code 6 [22]. The measurement procedure described in IEEE/ANSI C95.3-2002 Recommended Practice for the Measurement of Potentially Hazardous Electromagnetic Fields - RF and Microwave [4] is used for guidance in measuring the Specific Absorption Rate (SAR) due to the RF radiation exposure from the Equipment Under Test (EUT). These criteria for SAR evaluation are similar to those recommended by the International Committee for Non-Ionizing Radiation Protection (ICNIRP) in Biological Effects and Exposure Criteria for Radiofrequency Electromagnetic Fields," Report No. Vol 74. SAR is a measure of the rate of energy absorption due to exposure to an RF transmitting source. SAR values have been related to threshold levels for potential biological hazards.

3.1 SAR Definition

Specific Absorption Rate is defined as the time derivative (rate) of the incremental energy (dU) absorbed by (dissipated in) an incremental mass (dm) contained in a volume element (dV) of a given density (ρ). It is also defined as the rate of RF energy absorption per unit mass at a point in an absorbing body (see Equation 3-1).

Equation 3-1 SAR Mathematical Equation

$$SAR = \frac{d}{dt} \left(\frac{dU}{dm} \right) = \frac{d}{dt} \left(\frac{dU}{\rho dv} \right)$$

SAR is expressed in units of Watts per Kilogram (W/kg).

$$SAR = \frac{\sigma \cdot E^2}{\rho}$$

where:

 $\sigma \; = \;$ conductivity of the tissue-simulating material (S/m)

 ρ = mass density of the tissue-simulating material (kg/m³)

E = Total RMS electric field strength (V/m)

NOTE: The primary factors that control rate of energy absorption were found to be the wavelength of the incident field in relation to the dimensions and geometry of the irradiated organism, the orientation of the organism in relation to the polarity of field vectors, the presence of reflecting surfaces, and whether conductive contact is made by the organism with a ground plane.[6]

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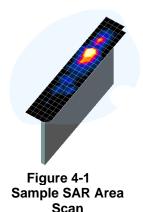
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4 DOSIMETRIC ASSESSMENT

4.1 Measurement Procedure

The evaluation was performed using the following procedure compliant to FCC KDB Publication 865664 D01v01r04 and IEEE 1528-2013:

- 1. The SAR distribution at the exposed side of the head or body was measured at a distance no greater than 5.0 mm from the inner surface of the shell. The area covered the entire dimension of the device-head and body interface and the horizontal grid resolution was determined per FCC KDB Publication 865664 D01v01r04 (See Table 4-1) and IEEE 1528-2013.
- 2. The point SAR measurement was taken at the maximum SAR region determined from Step 1 to enable the monitoring of SAR fluctuations/drifts during the 1g/10g cube evaluation. SAR at this fixed point was measured and used as a reference value.



- 3. Based on the area scan data, the peak of the region with maximum SAR was determined by spline interpolation. Around this point, a volume was assessed according to the measurement resolution and volume size requirements of FCC KDB Publication 865664 D01v01r04 (See Table 4-1) and IEEE 1528-2013. On the basis of this data set, the spatial peak SAR value was evaluated with the following procedure (see references or the DASY manual online for more details):
 - a. SAR values at the inner surface of the phantom are extrapolated from the measured values along the line away from the surface with spacing no greater than that in Table 4-1. The extrapolation was based on a least-squares algorithm. A polynomial of the fourth order was calculated through the points in the z-axis (normal to the phantom shell).
 - b. After the maximum interpolated values were calculated between the points in the cube, the SAR was averaged over the spatial volume (1g or 10g) using a 3D-Spline interpolation algorithm. The 3D-spline is composed of three one-dimensional splines with the "Not a knot" condition (in x, y, and z directions). The volume was then integrated with the trapezoidal algorithm. One thousand points (10 x 10 x 10) were obtained through interpolation, in order to calculate the averaged SAR.
 - c. All neighboring volumes were evaluated until no neighboring volume with a higher average value was found.
- 4. The SAR reference value, at the same location as step 2, was re-measured after the zoom scan was complete to calculate the SAR drift. If the drift deviated by more than 5%, the SAR test and drift measurements were repeated.

Table 4-1
Area and Zoom Scan Resolutions per FCC KDB Publication 865664 D01v01r04*

Frequency	Maximum Area Scan Resolution (mm) (Δx _{area} , Δy _{area})	Maximum Zoom Scan Resolution (mm) (Δx _{zoom} , Δy _{zoom})	Uniform Grid Graded Grid		Minimum Zoom Scan Volume (mm) (x,y,z)	
			Δz _{zoom} (n)	$\Delta z_{zoom}(1)^*$	Δz _{zoom} (n>1)*	
≤2 GHz	≤ 15	≤8	≤5	≤4	$\leq 1.5*\Delta z_{zoom}(n-1)$	≥ 30
2-3 GHz	≤ 12	≤5	≤5	≤4	$\leq 1.5*\Delta z_{zoom}(n-1)$	≥ 30
3-4 GHz	≤ 12	≤5	≤4	≤3	$\leq 1.5*\Delta z_{zoom}(n-1)$	≥ 28
4-5 GHz	≤ 10	≤4	≤3	≤ 2.5	$\leq 1.5*\Delta z_{zoom}(n-1)$	≥ 25
5-6 GHz	≤ 10	≤ 4	≤2	≤2	≤ 1.5*∆z _{zoom} (n-1)	≥ 22

^{*}Also compliant to IEEE 1528-2013 Table 6

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5 TEST CONFIGURATION POSITIONS

5.1 Device Holder

The device holder is made out of low-loss POM material having the following dielectric parameters: relative permittivity $\varepsilon = 3$ and loss tangent $\delta = 0.02$.

5.2 SAR Testing for Tablet per KDB Publication 616217 D04v01r02

Per FCC KDB Publication 616217 D04v01r02, the back surface and edges of the tablet should be tested for SAR compliance with the tablet touching the phantom. The SAR Exclusion Threshold in KDB 447498 D01v06 can be applied to determine SAR test exclusion for adjacent edge configurations. The closest distance from the antenna to an adjacent tablet edge is used to determine if SAR testing is required for the adjacent edges, with the adjacent edge positioned against the phantom and the edge containing the antenna positioned perpendicular to the phantom.

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6 RF EXPOSURE LIMITS

6.1 Uncontrolled Environment

UNCONTROLLED ENVIRONMENTS are defined as locations where there is the exposure of individuals who have no knowledge or control of their exposure. The general population/uncontrolled exposure limits are applicable to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Members of the general public would come under this category when exposure is not employment-related; for example, in the case of a wireless transmitter that exposes persons in its vicinity.

6.2 **Controlled Environment**

CONTROLLED ENVIRONMENTS are defined as locations where there is exposure that may be incurred by persons who are aware of the potential for exposure, (i.e. as a result of employment or occupation). In general, occupational/controlled exposure limits are applicable to situations in which persons are exposed as a consequence of their employment, who have been made fully aware of the potential for exposure and can exercise control over their exposure. This exposure category is also applicable when the exposure is of a transient nature due to incidental passage through a location where the exposure levels may be higher than the general population/uncontrolled limits, but the exposed person is fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

Table 6-1 SAR Human Exposure Specified in ANSI/IEEE C95.1-1992 and Health Canada Safety Code 6

HUMAN EXPOSURE LIMITS							
	UNCONTROLLED ENVIRONMENT General Population (W/kg) or (mW/g)	CONTROLLED ENVIRONMENT Occupational (W/kg) or (mW/g)					
Peak Spatial Average SAR Head	1.6	8.0					
Whole Body SAR	0.08	0.4					
Peak Spatial Average SAR Hands, Feet, Ankle, Wrists, etc.	4.0	20					

- The Spatial Peak value of the SAR averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube) and over the appropriate averaging time.
- The Spatial Average value of the SAR averaged over the whole body.
- The Spatial Peak value of the SAR averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube) and over the appropriate averaging time.

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7 FCC MEASUREMENT PROCEDURES

Power measurements for licensed transmitters are performed using a base station simulator under digital average power.

7.1 **Measured and Reported SAR**

Per FCC KDB Publication 447498 D01v06, when SAR is not measured at the maximum power level allowed for production units, the results must be scaled to the maximum tune-up tolerance limit according to the power applied to the individual channels tested to determine compliance. For simultaneous transmission, the measured aggregate SAR must be scaled according to the sum of the differences between the maximum tune-up tolerance and actual power used to test each transmitter. When SAR is measured at or scaled to the maximum tune-up tolerance limit, the results are referred to as reported SAR. The highest reported SAR results are identified on the grant of equipment authorization according to procedures in KDB 690783 D01v01r03.

7.2 **3G SAR Test Reduction Procedure**

In FCC KDB Publication 941225 D01v03r01, certain transmission modes within a frequency band and wireless mode evaluated for SAR are defined as primary modes. The equivalent modes considered for SAR test reduction are denoted as secondary modes. When the maximum output power including tune-up tolerance specified for production units in a secondary mode is ≤ 0.25 dB higher than the primary mode or when the highest reported SAR of the primary mode, scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode, is ≤ 1.2 W/kg, SAR measurements are not required for the secondary mode. These criteria are referred to as the 3G SAR test reduction procedure. When the 3G SAR test reduction procedure is not satisfied. SAR measurements are additionally required for the secondary mode.

Procedures Used to Establish RF Signal for SAR 7.3

The following procedures are according to FCC KDB Publication 941225 D01v03r01 "3G SAR Measurement Procedures."

The device is placed into a simulated call using a base station simulator in a RF shielded chamber. Establishing connections in this manner ensure a consistent means for testing SAR and are recommended for evaluating SAR [4]. Devices under test are evaluated prior to testing, with a fully charged battery and were configured to operate at maximum output power. In order to verify that the device is tested throughout the SAR test at maximum output power, the SAR measurement system measures a "point SAR" at an arbitrary reference point at the start and end of the 1 gram SAR evaluation, to assess for any power drifts during the evaluation. If the power drift deviates by more than 5%, the SAR test and drift measurements are repeated.

7.4 SAR Measurement Conditions for UMTS

7.4.1 **Output Power Verification**

Maximum output power is verified on the High, Middle and Low channels according to the general descriptions in section 5.2 of 3GPP TS 34.121, using the appropriate RMC with TPC (transmit power control) set to all "1s" or applying the required inner loop power control procedures to maintain maximum output power while HSUPA is active. Results for all applicable physical channel configurations (DPCCH, DPDCHn and spreading codes, HS-DPCCH etc) are tabulated in this test report. All configurations that are not supported by the DUT or cannot be measured due to technical or equipment limitations are identified.

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7.4.2 **Body SAR Measurements**

SAR for body exposure configurations is measured using the 12.2 kbps RMC with the TPC bits all "1s". The 3G SAR test reduction procedure is applied to other spreading codes and multiple DPDCH₀ configurations supported by the handset with 12.2 kbps RMC as the primary mode. Otherwise, SAR is measured using an applicable RMC configuration with the corresponding spreading code or DPDCH_n, for the highest reported SAR configuration in 12.2 kbps RMC.

7.4.3 SAR Measurements with Rel 5 HSDPA

The 3G SAR test reduction procedure is applied to HSDPA body configurations with 12.2 kbps RMC as the primary mode. Otherwise, Body SAR for HSDPA is measured using an FRC with H-Set 1 in Sub-test 1 and a 12.2 kbps RMC configured in Test Loop Mode 1, for the highest reported SAR configuration in 12.2 kbps RMC without HSDPA. Handsets with both HSDPA and HSUPA are tested according to Release 6 HSPA test procedures.

7.4.4 SAR Measurements with Rel 6 HSUPA

The 3G SAR test reduction procedure is applied to HSPA (HSUPA/HSDPA with RMC) body configurations with 12.2 kbps RMC as the primary mode. Otherwise, Body SAR for HSPA is measured with E-DCH Subtest 5, using H-Set 1 and QPSK for FRC and a 12.2 kbps RMC configured in Test Loop Mode 1 and power control algorithm 2, according to the highest reported body SAR configuration in 12.2 kbps RMC without HSPA.

7.4.5 **SAR Measurement Conditions for DC-HSDPA**

SAR is required for Rel. 8 DC-HSDPA when SAR is required for Rel. 5 HSDPA; otherwise, the 3G SAR test reduction procedure is applied to DC-HSDPA with 12.2 kbps RMC as the primary mode. Power is measured for DC-HSDPA according to the H-Set 12, FRC configuration in Table C.8.1.12 of 3GPP TS 34.121-1 to determine SAR test reduction. A primary and a secondary serving HS-DSCH Cell are required to perform the power measurement and for the results to be acceptable.

7.5 SAR Measurement Conditions for LTE

LTE modes are tested according to FCC KDB 941225 D05v02r04 publication. Establishing connections with base station simulators ensure a consistent means for testing SAR and are recommended for evaluating SAR [4]. The R&S CMW500 or Anritsu MT8820C simulators are used for LTE output power measurements and SAR testing. Closed loop power control was used so the UE transmits with maximum output power during SAR testing. SAR tests were performed with the same number of RB and RB offsets transmitting on all TTI frames (maximum TTI).

Spectrum Plots for RB Configurations 7.5.1

A properly configured base station simulator was used for SAR tests and power measurements. Therefore, spectrum plots for RB configurations were not required to be included in this report.

7.5.2 **MPR**

MPR is permanently implemented for this device by the manufacturer. The specific manufacturer target MPR is indicated alongside the SAR results. MPR is enabled for this device, according to 3GPP TS36.101 Section 6.2.3 – 6.2.5 under Table 6.2.3-1.

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7.5.3 A-MPR

A-MPR (Additional MPR) has been disabled for all SAR tests by setting NS=01 on the base station simulator.

7.5.4 Required RB Size and RB Offsets for SAR Testing

According to FCC KDB 941225 D05v02r04:

- a. Per Section 5.2.1, SAR is required for QPSK 1 RB Allocation for the largest bandwidth
 - i. The required channel and offset combination with the highest maximum output power is required for SAR.
 - When the reported SAR is ≤ 0.8 W/kg, testing of the remaining RB offset configurations and required test channels is not required. Otherwise, SAR is required for the remaining required test channels using the RB offset configuration with highest output power for that channel.
 - When the reported SAR for a required test channel is > 1.45 W/kg. SAR is required for all RB offset configurations for that channel.
- b. Per Section 5.2.2, SAR is required for 50% RB allocation using the largest bandwidth following the same procedures outlined in Section 5.2.1.
- c. Per Section 5.2.3, QPSK SAR is not required for the 100% allocation when the highest maximum output power for the 100% allocation is less than the highest maximum output power of the 1 RB and 50% RB allocations and the reported SAR for the 1 RB and 50% RB allocations is < 0.8 W/kg.
- d. Per Section 5.2.4 and 5.3, SAR tests for higher order modulations and lower bandwidths configurations are not required when the conducted power of the required test configurations determined by Sections 5.2.1 through 5.2.3 is less than or equal to ½ dB higher than the equivalent configuration using QPSK modulation and when the QPSK SAR for those configurations is <1.45 W/kg.

7.5.5 **TDD**

LTE TDD testing is performed using the SAR test guidance provided in FCC KDB 941225 D05v02r04. TDD is tested at the highest duty factor using UL-DL configuration 0 with special subframe configuration 6 and applying the FDD LTE procedures in KDB 941225 D05v02r04. SAR testing is performed using the extended cyclic prefix listed in 3GPP TS 36.211 Section 4.

7.5.6 **Downlink Only Carrier Aggregation**

Conducted power measurements with LTE Carrier Aggregation (CA) (downlink only) active are made in accordance to KDB Publication 941225 D05Av01r02. The RRC connection is only handled by one cell, the primary component carrier (PCC) for downlink and uplink communications. After making a data connection to the PCC, the UE device adds secondary component carrier(s) (SCC) on the downlink only. All uplink communications and acknowledgements remain identical to specifications when downlink carrier aggregation is inactive on the PCC. Additional conducted output powers are measured with the downlink carrier aggregation active for the configuration with highest measured maximum conducted power with downlink carrier aggregation inactive measured among the channel bandwidth, modulation, and RB combinations in each frequency band. Per FCC KDB Publication 941225 D05Av01r02, no SAR measurements are required for downlink only carrier aggregation configurations when the average output power with downlink only carrier aggregation active is not more than 0.25 dB higher than the average output power with downlink only carrier aggregation inactive.

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7.6 SAR Testing with 802.11 Transmitters

The normal network operating configurations of 802.11 transmitters are not suitable for SAR measurements. Unpredictable fluctuations in network traffic and antenna diversity conditions can introduce undesirable variations in SAR results. The SAR for these devices should be measured using chipset based test mode software to ensure the results are consistent and reliable. See KDB Publication 248227 D01v02r02 for more details.

7.6.1 General Device Setup

Chipset based test mode software is hardware dependent and generally varies among manufacturers. The device operating parameters established in test mode for SAR measurements must be identical to those programmed in production units, including output power levels, amplifier gain settings and other RF performance tuning parameters.

A periodic duty factor is required for current generation SAR systems to measure SAR. When 802.11 frame gaps are accounted for in the transmission, a maximum transmission duty factor of 92 - 96% is typically achievable in most test mode configurations. A minimum transmission duty factor of 85% is required to avoid certain hardware and device implementation issues related to wide range SAR scaling. The reported SAR is scaled to 100% transmission duty factor to determine compliance at the maximum tune-up tolerance limit.

7.6.2 U-NII-1 and U-NII-2A

For devices that operate in both U-NII-1 and U-NII-2A bands, when the same maximum output power is specified for both bands, SAR measurement using OFDM SAR test procedures is not required for U-NII-1 unless the highest reported SAR for U-NII-2A is > 1.2 W/kg. When different maximum output powers are specified for the bands, SAR measurement for the U-NII band with the lower maximum output power is not required unless the highest reported SAR for the U-NII band with the higher maximum output power, adjusted by the ratio of lower to higher specified maximum output power for the two bands, is > 1.2 W/kg. When 10g SAR measurement is considered, a factor of 2.5 is applied to the thresholds above.

7.6.3 U-NII-2C and U-NII-3

The frequency range covered by U-NII-2C and U-NII-3 is 380 MHz (5.47 – 5.85 GHz), which requires a minimum of at least two SAR probe calibration frequency points to support SAR measurements. When Terminal Doppler Weather Radar (TDWR) restriction applies, the channels at 5.60 – 5.65 GHz in U-NII-2C band must be disabled with acceptable mechanisms and documented in the equipment certification. Unless band gap channels are permanently disabled, SAR must be considered for these channels. Each band is tested independently according to the normally required OFDM SAR measurement and probe calibration frequency points requirements.

2.4 GHz SAR Test Requirements

SAR is measured for 2.4 GHz 802.11b DSSS using either the fixed test position or, when applicable, the initial test position procedure. SAR test reduction is determined according to the following:

1) When the reported SAR of the highest measured maximum output power channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required for 802.11b DSSS in that exposure configuration.

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2) When the reported SAR is > 0.8 W/kg, SAR is required for that position using the next highest measured output power channel. When any reported SAR is > 1.2 W/kg. SAR is required for the third channel: i.e., all channels require testing.

2.4 GHz 802.11 g/n/ax OFDM are additionally evaluated for SAR if the highest reported SAR for 802.11b. adjusted by the ratio of the OFDM to DSSS specified maximum output power, is > 1.2 W/kg. When SAR is required for OFDM modes in 2.4 GHz band, the Initial Test Configuration Procedures should be followed. When 10g SAR measurement is considered, a factor of 2.5 is applied to the thresholds above.

7.6.5 OFDM Transmission Mode and SAR Test Channel Selection

When the same maximum output power was specified for multiple OFDM transmission mode configurations in a frequency band or aggregated band. SAR is measured using the configuration with the largest channel bandwidth, lowest order modulation and lowest data rate. When the maximum output power of a channel is the same for equivalent OFDM configurations; for example, 802.11a, 802.11n and 802.11ac or 802.11g and 802.11n with the same channel bandwidth, modulation and data rate etc., the lower order 802.11 mode i.e., 802.11a, then 802.11n and 802.11ac or 802.11g then 802.11n, is used for SAR measurement. Per April 2019 TCB Workshop guidance, 802.11ax was considered the highest order 802.11 mode. When the maximum output power are the same for multiple test channels, either according to the default or additional power measurement requirements, SAR is measured using the channel closest to the middle of the frequency band or aggregated band. When there are multiple channels with the same maximum output power, SAR is measured using the higher number channel.

Initial Test Configuration Procedure 7.6.6

For OFDM, an initial test configuration is determined for each frequency band and aggregated band. according to the transmission mode with the highest maximum output power specified for SAR measurements. When the same maximum output power is specified for multiple OFDM transmission mode configurations in a frequency band or aggregated band, SAR is measured using the configuration(s) with the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order IEEE 802.11 mode. The channel of the transmission mode with the highest average RF output conducted power will be the initial test configuration.

When the reported SAR is ≤ 0.8 W/kg, no additional measurements on other test channels are required. Otherwise, SAR is evaluated using the subsequent highest average RF output channel until the reported SAR result is ≤ 1.2 W/kg or all channels are measured. When there are multiple untested channels having the same subsequent highest average RF output power, the channel with higher frequency from the lowest 802.11 mode is considered for SAR measurements (See Section 7.6.5). When 10g SAR measurement is considered, a factor of 2.5 is applied to the thresholds above.

7.6.7 **Subsequent Test Configuration Procedures**

For OFDM configurations in each frequency band and aggregated band, SAR is evaluated for initial test configuration using the fixed test position or the initial test position procedure. When the highest reported SAR (for the initial test configuration), adjusted by the ratio of the specified maximum output power of the subsequent test configuration to initial test configuration, is ≤ 1.2 W/kg, no additional SAR tests for the subsequent test configurations are required. When 10g SAR measurement is considered, a factor of 2.5 is applied to the thresholds above.

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7.6.8 MIMO SAR considerations

Per KDB Publication 248227 D01v02r02, the simultaneous SAR provisions in KDB Publication 447498 D01v06 should be applied to determine simultaneous transmission SAR test exclusion for WIFI MIMO. If the sum of 1g single transmission chain SAR measurements is <1.6 W/kg, no additional SAR measurements for MIMO are required. Alternatively, SAR for MIMO can be measured with all antennas transmitting simultaneously at the specified maximum output power of MIMO operation. When 10g SAR measurement is considered, a factor of 2.5 is applied to the thresholds above.

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8 RF CONDUCTED POWERS

All conducted power measurements for 3G/4G/5G Sub6 WWAN technologies and bands in this section were performed by setting Reserve_power_margin (Qualcomm® Smart Transmit EFS entry) to 0dB, so that the EUT transmits continuously at minimum (Plimit, maximum tune up output power Pmax).

8.1 **UMTS Plimit Conducted Powers**

Table 8-1 Measured Plimit Antenna 2

3GPP Release Mode Version	Mode	3GPP 34.121 Subtest	Cellular Band [dBm]			AWS Band [dBm]			PCS Band [dBm]			3GPP MPR
		Subtest	4132	4183	4233	1312	1412	1513	9262	9400	9538	[dB]
99	WCDMA	12.2 kbps RMC	17.37	17.36	17.32	12.47	12.41	12.36	13.22	13.30	13.19	-
6		Subtest 1	17.14	17.13	17.11	12.38	12.37	12.24	13.01	12.95	12.88	0
6	HSDPA	Subtest 2	17.13	17.11	17.07	12.35	12.33	12.25	12.98	12.93	12.86	0
6	HODEA	Subtest 3	16.66	16.64	16.62	11.86	11.87	11.78	12.45	12.43	12.38	0.5
6		Subtest 4	16.62	16.62	16.59	11.87	11.84	11.72	12.46	12.41	12.35	0.5
6		Subtest 1	17.12	17.14	17.13	12.13	12.14	12.28	12.97	12.95	12.86	0
6		Subtest 2	15.15	15.11	15.12	10.15	10.16	10.29	10.95	10.93	10.86	2
6	HSUPA	Subtest 3	16.17	16.15	16.16	11.14	11.15	11.29	11.99	11.93	11.84	1
6		Subtest 4	15.18	15.14	15.13	10.18	10.16	10.10	10.97	10.96	10.87	2
6		Subtest 5	17.13	17.15	17.14	12.15	12.17	12.11	13.00	12.95	12.88	0
8		Subtest 1	17.16	17.14	17.09	12.37	12.38	12.25	13.22	13.19	13.15	0
8	DC-HSDPA	Subtest 2	17.13	17.12	17.07	12.36	12.33	12.22	13.17	13.16	13.09	0
8	DC-HSDPA	Subtest 3	16.67	16.65	16.61	11.83	11.85	11.75	12.68	12.66	12.65	0.5
8		Subtest 4	16.64	16.67	16.61	11.85	11.86	11.73	12.67	12.63	12.66	0.5

Table 8-2 Measured Plimit Antenna 4

3GPP Release	Mode 3GPP 34.121 Subtest		Cellular Band [dBm]			AWS Band [dBm]			PCS Band [dBm]			3GPP MPR
Version		Subtest	4132	4183	4233	1312	1412	1513	9262	9400	9538	[dB]
99	WCDMA	12.2 kbps RMC	17.87	17.89	17.85	13.26	13.15	12.90	12.32	12.17	12.24	-
6		Subtest 1	17.69	17.71	17.67	13.12	13.10	12.94	12.15	12.08	12.13	0
6	HSDPA	Subtest 2	17.70	17.72	17.68	13.11	13.09	12.97	12.17	12.04	12.05	0
6	INDIFA	Subtest 3	17.23	17.20	17.18	12.59	12.64	12.48	11.68	11.56	11.54	0.5
6		Subtest 4	17.19	17.21	17.18	12.59	12.63	12.46	11.66	11.57	11.57	0.5
6		Subtest 1	17.74	17.72	17.67	13.13	13.10	12.95	12.12	12.02	12.05	0
6		Subtest 2	15.71	15.73	15.65	11.13	11.12	10.97	10.15	10.06	10.05	2
6	HSUPA	Subtest 3	16.72	16.70	16.63	12.12	12.09	11.99	11.16	11.02	11.07	1
6		Subtest 4	15.74	15.73	15.68	11.14	11.15	10.98	10.17	10.05	10.03	2
6		Subtest 5	17.71	17.72	17.70	13.14	13.12	13.16	12.16	12.04	12.06	0
8		Subtest 1	17.45	17.40	17.39	13.29	13.29	13.14	12.39	12.29	12.39	0
8	DC-HSDPA	Subtest 2	17.45	17.43	17.40	13.29	13.28	13.09	12.37	12.28	12.30	0
8	DC-RSDPA	Subtest 3	16.91	16.89	16.87	12.78	12.79	12.62	11.87	11.78	11.84	0.5
8		Subtest 4	16.93	16.92	16.88	12.90	12.79	12.63	11.87	11.77	11.86	0.5

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Table 8-3 Measured Plimit Antenna 1b

3GPP Release	Mode	3GPP 34.121 Subtest	AW	S Band [d	Bm]	PCS	6 Band [d	Bm]	3GPP MPR
Version		Gubica	1312	1412	1513	9262	9400	9538	լաեյ
99	WCDMA	12.2 kbps RMC	11.33	11.34	11.31	10.75	10.80	10.63	-
6		Subtest 1	11.04	11.01	10.87	10.36	10.41	10.37	0
6	HSDPA	Subtest 2	11.03	10.99	10.89	10.47	10.48	10.38	0
6	HODPA	Subtest 3	10.56	10.50	10.41	9.97	9.96	9.89	0.5
6		Subtest 4	10.62	10.54	10.41	9.94	9.98	9.87	0.5
6		Subtest 1	10.98	10.96	10.87	10.56	10.45	10.40	0
6		Subtest 2	9.03	9.01	8.92	8.54	8.46	8.38	2
6	HSUPA	Subtest 3	10.01	10.02	9.89	9.52	9.41	9.35	1
6		Subtest 4	9.02	9.01	8.91	8.48	8.45	8.32	2
6		Subtest 5	11.01	11.01	10.92	10.48	10.41	10.32	0
8	DC-HSDPA	Subtest 1	11.09	11.05	10.98	10.45	10.44	10.38	0
8		Subtest 2	11.10	11.06	10.93	10.45	10.38	10.30	0
8	DC-I ISDPA	Subtest 3	10.54	10.54	10.41	9.99	9.91	9.84	0.5
8		Subtest 4	10.57	10.55	10.44	9.96	9.89	9.85	0.5

Table 8-4 Measured Plimit Antenna 3b

3GPP Release	Mode	Mode 3GPP 34.121 AWS Band [dBm] Subtest		PCS Band [dBm]			3GPP MPR		
Version		Subtest	1312	1412	1513	9262	9400	9538	[dB]
99	WCDMA	12.2 kbps RMC	11.73	11.70	11.72	11.32	11.26	11.30	-
6		Subtest 1	11.59	11.61	11.47	11.21	11.19	11.15	0
6	HSDPA	Subtest 2	11.59	11.58	11.48	11.20	11.14	11.11	0
6	HODEA	Subtest 3	11.11	11.07	10.96	10.68	10.63	10.59	0.5
6		Subtest 4	11.10	11.07	10.98	10.70	10.64	10.58	0.5
6		Subtest 1	11.56	11.57	11.46	11.13	11.07	11.01	0
6		Subtest 2	9.56	9.58	9.46	9.15	9.08	9.02	2
6	HSUPA	Subtest 3	10.59	10.56	10.48	10.13	10.06	10.01	1
6		Subtest 4	9.60	9.61	9.46	9.14	9.11	9.03	2
6		Subtest 5	11.58	11.56	11.47	11.12	11.09	11.05	0
8		Subtest 1	11.58	11.57	11.49	11.17	11.20	11.12	0
8	DO 1100004	Subtest 2	11.63	11.58	11.50	11.21	11.15	11.09	0
8	DC-HSDPA	Subtest 3	11.11	11.10	11.02	10.72	10.66	10.58	0.5
8		Subtest 4	11.12	11.10	11.00	10.70	10.64	10.59	0.5

DC-HSDPA considerations

- 3GPP Specification 34.121-1 Release 8 Ver 8.10.0 was used for DC-HSDPA guidance
- H-Set 12 (QPSK) was confirmed to be used during DC-HSDPA measurements
- The DUT supports UE category 24 for HSDPA



Figure 8-1 **Power Measurement Setup**

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8.2 **LTE Conducted Powers**

Note: Per FCC KDB Publication 941225 D05v02r05, LTE SAR for the lower bandwidths was not required for testing since the maximum average output power of all required channels and configurations was not more than 0.5 dB higher than the highest bandwidth and the reported LTE SAR for the highest bandwidth was less than 1.45 W/kg. Lower bandwidth conducted powers for all LTE bands can be found in appendix I.

> 8.2.1 LTE Band 71

Table 8-5 LTE Band 71 Measured Plimit Antenna 2 - 20 MHz Bandwidth

LTE Band 71 20 MHz Bandwidth						
Modulation	RB Size	RB Offset	Mid Channel 133297 (680.5 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP [dB]	MPR [dB]	
	1	0	17.45		0	
	1	50	17.37	0	0	
	1	99	17.26		0	
QPSK	50	0	17.47		0	
	50	25	17.45	0.4	0	
	50	50	17.34	0-1	0	
	100	0	17.44		0	
	1	0	17.32		0	
	1	50	17.28	0-1	0	
	1	99	17.11		0	
16QAM	50	0	17.57		0	
	50	25	17.60	0-2	0	
	50	50	17.51	0-2	0	
	100	0	17.55		0	
	1	0	17.52		0	
	1	50	17.53	0-2	0	
	1	99	17.37		0	
64QAM	50	0	17.09		0	
	50	25	17.13	0-3	0	
	50	50	17.05	0-3	0	
	100	0	17.07		0	
	1	0	17.18		0	
	1	50	17.17		0	
	1	99	17.16		0	
256QAM	50	0	17.11	0-5	0	
	50	25	17.13		0	
	50	50	17.12		0	
	100	0	17.12		0	

Note: LTE Band 71 at 20 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table 8-6 LTE Band 71 Measured Plimit Antenna 4 - 20 MHz Bandwidth

			LTE Band 71 20 MHz Bandwidth		
Modulation	RB Size	RB Offset	Mid Channel 133297 (680.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]	0011 [ub]	
	1	0	19.33		0
	1	50	19.28	0	0
	1	99	19.13		0
QPSK	50	0	19.32		0
	50	25	19.35	0-1	0
	50	50	19.22	0-1	0
	100	0	19.30		0
	1	0	19.45		0
	1	50	19.40	0-1	0
	1	99	19.37		0
16QAM	50	0	19.16		0
	50	25	19.15		0
	50	50	19.06		0
	100	0	19.15		0
	1	0	18.90		0
	1	50	18.87	0-2	0
	1	99	18.70		0
64QAM	50	0	19.20		0
	50	25	19.23	0.2	0
	50	50	19.13	0-3	0
	100	0	19.18		0
	1	0	19.13		0
	1	50	19.16		0
	1	99	19.13		0
256QAM	50	0	19.20	0-5	0
	50	25	19.24		0
	50	50	19.11		0
	100	0	19.19		0

Note: LTE Band 71 at 20 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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8.2.2 LTE Band 12

Table 8-7
LTE Band 12 Measured *Plimit* Antenna 2 - 10 MHz Bandwidth

			LTE Band 12 10 MHz Bandwidth		
Modulation	RB Size	RB Offset	Mid Channel 23095 (707.5 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP	MPR [dB]
	1	0	17.22		0
	1	25	17.18	1 0	0
	1	49	17.27	1	0
QPSK	25	0	17.33		0
	25	12	17.31	1 [0
	25	25	17.38	0-1	0
	50	0	17.26	1 1	0
	1	0	17.36		0
	1	25	17.20	0-1	0
	1	49	17.33	1 1	0
16QAM	25	0	17.24		0
	25	12	17.27	1 ,, 1	0
	25	25	17.25	0-2	0
	50	0	17.17	1	0
	1	0	17.18		0
	1	25	17.26	0-2	0
	1	49	17.25	1 [0
64QAM	25	0	17.22		0
	25	12	17.28	1 ,, 1	0
	25	25	17.20	0-3	0
	50	0	17.19	1	0
	1	0	17.25		0
	1	25	17.20] [0
	1	49	17.26	1	0
256QAM	25	0	17.10	0-5	0
	25	12	17.11	1 1	0
	25	25	17.05	1 1	0
	50	0	17.26	1 1	0

Note: LTE Band 12 at 10 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table 8-8
LTE Band 12 Measured *Plimit* Antenna 4 - 10 MHz Bandwidth

			LTE Band 12 10 MHz Bandwidth		
Modulation	RB Size	RB Offset	Mid Channel 23095 (707.5 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP [dB]	MPR [dB]
	1	0	17.51		0
	1	25	17.46	0	0
	1	49	17.48		0
QPSK	25	0	17.68		0
	25	12	17.72	0-1	0
	25	25	17.64	U-1	0
	50	0	17.50		0
	1	0	17.79		0
	1	25	17.71	0-1	0
	1	49	17.68		0
16QAM	25	0	17.60		0
	25	12	17.65	0-2	0
	25	25	17.58	0-2	0
	50	0	17.51		0
	1	0	17.68		0
	1	25	17.66	0-2	0
	1	49	17.72		0
64QAM	25	0	17.62		0
	25	12	17.65	0.0	0
	25	25	17.61	0-3	0
	50	0	17.56		0
	1	0	17.13		0
	1	25	17.10		0
	1	49	17.02		0
256QAM	25	0	17.39	0-5	0
	25	12	17.46		0
	25	25	17.36		0
	50	0	17.38	1	0

Note: LTE Band 12 at 10 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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8.2.3 LTE Band 13

Table 8-9
LTE Band 13 Measured *Plimit* Antenna 2 - 10 MHz Bandwidth

			LTE Band 13 10 MHz Bandwidth		
Modulation	RB Size	RB Offset	Mid Channel 23230 (782.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]	JOFF [db]	
	1	0	16.98		0
	1	25	16.80	0	0
	1	49	16.70		0
QPSK	25	0	17.08		0
	25	12	17.15	0-1	0
	25	25	17.11	0-1	0
	50	0	16.97		0
	1	0	17.11		0
	1	25	16.96	0-1	0
1	1	49	16.90		0
16QAM	25	0	16.89		0
	25	12	16.97	0-2	0
	25	25	16.89		0
	50	0	16.84		0
	1	0	16.79		0
	1	25	16.91	0-2	0
	1	49	16.83		0
64QAM	25	0	16.92		0
	25	12	16.95	0-3	0
	25	25	16.89	0-3	0
	50	0	16.88		0
	1	0	16.41		0
	1	25	16.42		0
	1	49	16.49		0
256QAM	25	0	16.84	0-5	0
	25	12	16.91		0
	25	25	16.81		0
	50	0	16.87		0

Table 8-10
LTE Band 13 Measured *Plimit* Antenna 4 - 10 MHz Bandwidth

Modulation RB Size RB Offset 23230 (782.0 MHz) Conducted Power (dBm)				LTE Band 13 10 MHz Bandwidth		
1	Modulation	RB Size	RB Offset	23230 (782.0 MHz)		MPR [dB]
1 25 17.80 0 0 0 1 49 17.76 0 0 25 12 18.03 0-1 0 25 25 25 18.00 0 1 1 49 17.98 0 0 0 25 12 18.03 0-1 0 0 0 1 0 0 0 0 1 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0						
1 49 17.76 0 0 0 0 0 0 0 0 0		1	0	17.99		0
QPSK		1	25	17.80	0	0
25		1	49	17.76		0
25 25 18.00 0.1 50 0 17.98 0 1 0 18.03 0 1 1 25 17.91 0.1 1 49 17.88 0 25 12 18.20 0.2 25 25 18.06 0 50 0 18.05 0 1 0 0 17.97 0 1 25 17.84 0 64QAM 25 0 18.11 25 12 18.12 25 12 18.11 25 17.80 0.2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	QPSK	25	0	18.10		0
25 25 18.00 0 17.98 1 0 18.03 0 1 1 25 17.91 0-1 0 160AM 25 0 18.07 0 25 12 18.20 0-2 0 25 25 12 18.06 0 50 0 18.05 0 1 0 0 17.97 0 1 1 25 17.84 0 64QAM 25 0 18.11 0 25 12 18.12 0 1 25 12 0 0 1 25 12 0 0 1 25 12 0 0 1 25 12 0 0 1 25 1 0 0 1 1 0 0		25	12	18.03	0.1	0
1 0 18.03 0.1 1 25 17.91 0.1 0 0 0.1 1 49 17.88 0.0 0 0 0.0 25 12 18.07 0.0 25 12 18.06 0.0 25 25 12 18.06 0.0 1 1 0 17.97 0.0 1 1 25 17.80 0.2 0 0 0.0 1 49 17.94 0.0 64QAM 25 0 18.11 0.0 25 12 18.12 0.0 0 0.0 1 49 17.94 0.0 0 0.0 1 49 17.94 0.0 0 0.0 1 49 17.94 0.0 0 0.0 1 49 17.94 0.0 0 0.0 1 49 17.94 0.0 0 0.0 1 1 49 18.11 0.0 25 12 18.12 0.0 0 0.0 1 1 0 17.92 0.0 1 0 17.92 0.0 1 0 17.92 0.0 1 1 0 17.92 0.0 1 1 0 17.92 0.0 1 1 0 17.92 0.0 1 1 0 17.92 0.0 1 1 0 17.92 0.0 1 1 0 17.92 0.0 1 1 0 17.92 0.0 1 1 0 17.92 0.0 1 1 0 17.92 0.0 1 1 0 17.75 0.5 0.0 1 1 1 0 17.77 0.0 1 1 0 17.77 0.0 1 1 0 0 17.77 0.0		25	25	18.00	0-1	0
1 25 17.91 0-1 0 1 49 17.88 0 0 0 25 0 18.07 0 25 12 18.20 0-2 0 0 25 25 18.06 0 0 1 1 0 17.97 0 0 1 25 17.84 0 0 64QAM 25 0 18.11 0 0 25 12 18.12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		50	0	17.98		
1 49 17.88 0 25 0 18.07 25 12 18.20 25 25 18.06 50 0 18.05 1 0 17.97 0 0 1 49 17.84 64QAM 25 0 18.11 25 12 18.12 25 25 12 18.12 25 25 18.08 50 0 18.11 0 0 25 12 18.12 0 0 25 12 18.12 0 0 25 15 16.08 50 0 18.14 0 0 25 1 1 0 17.92 1 0 0 1 0 0 1 0 0 0 0		1	0	18.03		0
16QAM		1	25	17.91	0-1	0
25		1	49	17.88		0
25 25 18.06 0-2 0 50 0 18.05 0 1 0 17.97 0 1 25 17.80 0-2 0 1 49 17.84 0 64QAM 25 0 18.11 0 25 12 18.12 0 25 25 18.08 0 50 0 18.12 0 1 0 17.92 0 1 25 18.14 0 25 18.14 0 25 18.14 0 25 18.14 0 25 18.14 0 25 18.14 0 25 18.15 0 0 0 1 25 18.14 0 0 0 25 18.17.77 0 25 25 12 17.77 0 0 0	16QAM	25	0	18.07		0
25 25 18.06 0 50 0 18.05 0 1 0 17.97 0 1 25 17.80 0-2 0 1 49 17.84 0 64QAM 25 0 18.11 0 25 12 18.12 0 25 25 18.08 0 50 0 18.12 0 1 0 17.92 0 1 0 17.92 0 1 1 25 18.14 0 256QAM 25 0 17.75 0-5 0 25 25 12 17.77 0 25 12 17.77 0		25	12	18.20	0-2	0
1 0 17.97 0.2 0.2 0.3 17.80 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3		25	25	18.06		0
1 25 17.80 0-2 0 1 49 17.84 0 25 0 18.11 0 25 12 18.12 0 25 25 12 18.08 0 50 0 18.12 0 1 0 0 1 25 18.14 0 1 49 18.11 0 256QAM 25 0 17.75 0-5 0 25 12 17.77 0 25 25 15 17.81 0		50	0	18.05		0
1 49 17.84 0 25 0 18.11 0 25 12 18.12 0-3 25 25 18.08 0 50 0 18.12 0 1 0 17.92 0 1 25 18.14 0 256QAM 25 0 17.75 0-5 0 25 12 17.77 0 25 25 17.81 0		1	0	17.97		0
64QAM 25 0 18.11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1	25	17.80	0-2	0
25 12 18.12 0-3 0 25 25 18.08 0 50 0 18.12 0 1 0 0 17.92 0 1 25 18.14 0 1 49 18.11 0 256QAM 25 0 17.77 0 25 25 15 17.81 0 0		1	49	17.84		0
25 25 18.08 0-3 0 50 0 18.12 0 1 0 17.92 0 1 25 18.14 0 1 49 18.11 0 256QAM 25 0 17.75 0-5 0 25 12 17.77 0 25 25 17.81 0	64QAM	25	0	18.11		0
25 25 18.08 0 50 0 18.12 0 1 0 17.92 0 1 25 18.14 0 256QAM 25 0 17.775 0.5 0 25 12 17.77 0 25 25 15 17.81 0		25	12	18.12	0.2	0
1 0 17.92 0 1 25 18.14 0 1 49 18.11 0 256QAM 25 0 17.775 0-5 0 25 12 17.77 0 25 25 17.81 0		25	25	18.08	0-3	0
1 25 18.14 0 1 49 18.11 0 25 0 17.75 0-5 0 25 12 17.77 0 25 25 17.81 0		50	0	18.12		0
1 49 18.11 0 256QAM 25 0 17.75 0.5 0 25 12 17.77 0 25 25 17.81 0		1	0	17.92		0
256QAM 25 0 17.75 0.5 0 25 12 17.77 0 25 25 17.81 0		1	25	18.14		0
25 12 17.77 0 25 25 17.81 0		1	49	18.11		0
25 25 17.81 0	256QAM	25	0	17.75	0-5	0
		25	12	17.77		0
50 0 17.71 0		25	25	17.81		0
		50	0	17.71		0

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8.2.4 LTE Band 14

Table 8-11
LTE Band 14 Measured *Plimit* Antenna 2 - 10 MHz Bandwidth

LTE Band 14 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Mid Channel 23330 (793.0 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP [dB]	MPR [dB]		
	1	0	17.14		0		
	1	25	17.11	0	0		
	1	49	17.07		0		
QPSK	25	0	17.25		0		
	25	12	17.31	0-1	0		
	25	25	17.26	U-1	0		
	50	0	17.12		0		
	1	0	17.76		0		
	1	25	17.54	0-1	0		
	1	49	17.51		0		
16QAM	25	0	17.11		0		
	25	12	17.18		0		
	25	25	17.15	0-2	0		
	50	0	17.09		0		
	1	0	16.95		0		
	1	25	17.00	0-2	0		
	1	49	16.97		0		
64QAM	25	0	17.12		0		
	25	12	17.17		0		
	25	25	17.14	0-3	0		
	50	0	17.11		0		
	1	0	17.28		0		
	1	25	17.41		0		
	1	49	17.40		0		
256QAM	25	0	16.87	0-5	0		
	25	12	16.96		0		
	25	25	16.90		0		
	50	0	16.93		0		

Table 8-12
LTE Band 14 Measured *Plimit* Antenna 4 - 10 MHz Bandwidth

Nodulation RB Size RB Offset 23330 (733.0 MHz) Conducted Power [dBm]	
1 25 18.45 0 1 49 18.44 25 0 18.60 25 12 18.77 25 25 25 18.61 50 0 18.74 1 0 18.49 1 1 25 18.48 1 1 25 18.48 1 1 49 18.30 25 12 18.20 25 12 18.20 25 12 18.20 25 12 18.26 25 25 18.21 50 0 18.15 1 0 18.43 1 49 18.42 64QAM 25 0 18.18 25 18.32 0-2 1 1 49 18.42 64QAM 25 0 18.18 25 18.21 50 0 18.15 0-2 0-2 0-2 0-3 0-3 0-3 0-3 0-3	MPR [dB]
1	0
QPSK 25 0 18.60 25 12 18.77 25 25 18.61 50 0 18.74 1 0 18.49 1 25 18.48 1 49 18.30 25 0 18.20 25 12 18.26 25 25 18.21 50 0 18.15 1 0 18.43 1 25 18.32 1 49 18.42 64QAM 25 0 18.18 25 12 18.25 25 12 18.23 50 0 18.20 25 18.23 0-3 50 0 18.20 1 0 18.30 1 25 18.32 1 0 18.30 1 1 25 1 1	0
25 12 18.77 25 25 18.61 50 0 18.74 1 0 18.49 1 1 25 18.48 1 1 49 18.20 25 25 18.21 50 0 18.15 1 0 18.43 1 1 25 18.43 1 1 25 18.24 64QAM 25 0 18.20 25 12 18.26 64QAM 25 0 18.20 1 1 25 18.32 0-2 1 1 0 18.43 1 1 25 18.32 0-2 1 1 49 18.42 64QAM 25 0 18.18 25 12 18.25 0-3 10 18.15 0-3 0-3 0-3 0-3	0
25 25 18.61 50 0 18.74 1 0 18.49 1 25 18.48 1 49 18.30 25 12 18.26 25 25 18.21 50 0 0 18.15 1 0 18.43 1 1 25 18.32 64QAM 25 0 18.32 1 1 25 18.32 1 0 2 18.26 25 12 18.26 0 2 18.32 0 3 18.43 1 25 18.32 0 4 1 49 18.37	0
25 25 18.61 50 0 18.74 1 0 18.49 1 1 25 18.48 0-1 1 49 18.30 25 0 18.20 25 12 18.26 25 12 18.26 50 0 18.15 1 0 18.43 1 25 18.32 0-2 64QAM 25 0 18.18 25 12 18.26 0-2 50 18.18 1 0 18.43 1 25 18.32 0-2 1 49 18.42 64QAM 25 0 18.18 25 12 18.25 50 0 18.18 25 12 18.25 0-3 0-3	0
1 0 18.49 1 25 18.48 0-1 1 49 18.30 16QAM 25 0 18.20 25 12 18.26 25 25 18.21 50 0 18.15 1 0 18.43 1 25 18.32 0-2 1 49 18.42 64QAM 25 0 18.18 25 12 18.25 0 0 2 18.18 1 0 1 25 18.32 0 0-2 1 1 0 18.18 25 12 18.25 0 0 18.18 1 1 25 18.25 0 1 18.18 1 1 25 18.23 0 0-3	0
1 25 18.48 0-1 1 49 18.30 25 0 18.20 25 12 18.26 25 25 18.21 50 0 18.15 1 0 18.43 1 25 18.32 0-2 1 49 18.42 64QAM 25 0 18.18 25 12 18.25 25 12 18.20 0-2 1 49 18.25 0-3 1 1 49 18.25 1 1 25 18.23 0-3 1 0 18.30 1 0 18.30 1 0 18.30 1 0 18.30	0
1 49 18.30 25 0 18.20 25 12 18.26 25 25 18.21 50 0 18.15 1 0 18.43 1 25 18.32 0-2 1 49 18.42 64QAM 25 0 18.18 25 12 18.25 25 12 18.25 25 25 18.23 0-3 1 0 18.30 1 0 18.30 1 1 0 18.30 1 1 0 18.30	0
16QAM	0
25 12 18.26 25 25 18.21 50 0 18.15 1 0 18.43 1 25 18.32 0-2 64QAM 25 0 18.18 25 12 18.26 25 12 18.25 25 25 18.23 50 0 18.20 1 0 18.30 1 0 18.30 1 0 18.30 1 0 18.32	0
25 25 18.21 0-2 50 0 18.15 1 0 18.43 1 25 18.32 0-2 1 49 18.42 64QAM 25 0 18.18 25 12 18.25 25 25 18.23 50 0 18.20 1 0 18.30 1 0 18.30 1 25 18.32 1 0 18.30	0
25 25 18.21 50 0 18.15 1 0 18.43 1 25 18.32 0-2 64QAM 25 0 18.18 25 12 18.25 25 12 18.23 50 0 18.20 1 0 18.30 1 0 18.30 1 25 18.32 1 49 18.37	0
1 0 18.43 1 25 18.32 0-2 1 49 18.42 64QAM 25 0 18.18 25 12 18.25 25 25 18.23 50 0 18.20 1 0 18.30 1 25 18.32 1 49 18.37	0
1 25 18.32 0-2 1 49 18.42 64QAM 25 0 18.18 25 12 18.25 25 25 18.23 50 0 18.20 1 0 18.30 1 25 18.32 1 49 18.37	0
1 49 18.42 25 0 18.18 25 12 18.25 25 25 18.23 50 0 18.20 1 0 18.30 1 25 18.32 1 49 18.37	0
64QAM 25 0 18.18 25 12 18.25 25 12 18.25 50 0 18.20 1 1 0 18.30 1 25 18.32 1 1 49 18.37	0
25 12 18.25 25 25 18.23 50 0 18.20 1 0 18.30 1 25 18.32 1 49 18.37	0
25 25 18.23 0-3 50 0 18.20 1 0 18.30 1 25 18.32 1 49 18.37	0
25 25 18.23 50 0 18.20 1 0 18.30 1 25 18.32 1 49 18.37	0
1 0 18.30 1 25 18.32 1 49 18.37	0
1 25 18.32 1 49 18.37	0
1 49 18.37	0
	0
050044	0
256QAM 25 U 18.52 U-5	0
25 12 18.58	0
25 25 18.57	0
50 0 18.56	0

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8.2.5 LTE Band 26

Table 8-13 LTE Band 26 Measured Plimit Antenna 2 - 10 MHz Bandwidth

				LTE Band 26 (Cell)			
				10 MHz Bandwidth			
			Low Channel	Mid Channel	High Channel		
Modulation	RB Size	RB Offset	26740	26865	26990	MPR Allowed per	MPR [dB]
Modulation	IND GIZE	IND Offset	(819.0 MHz)	(831.5 MHz)	(844.0 MHz)	3GPP [dB]	iiii it [ub]
				Conducted Power [dBn			
	1	0	16.49	16.31	16.35	↓	0
	1	25	16.31	16.30	16.34	0	0
	1	49	16.30	16.34	16.36		0
QPSK	25	0	16.42	16.45	16.52	<u> </u>	0
	25	12	16.63	16.51	16.57	0-1	0
	25	25	16.44	16.47	16.54	∟ ". L	0
	50	0	16.36	16.35	16.34		0
	1	0	16.47	16.65	16.31		0
	1	25	16.47	16.51	16.33	0-1	0
	1	49	16.38	16.52	16.24		0
16QAM	25	0	16.31	16.34	16.34	0-2	0
	25	12	16.33	16.42	16.45		0
	25	25	16.26	16.33	16.35	0-2	0
	50	0	16.24	16.24	16.30		0
	1	0	16.35	16.48	16.21		0
	1	25	16.38	16.44	16.28	0-2	0
	1	49	16.31	16.42	16.24	1	0
64QAM	25	0	16.32	16.33	16.45		0
	25	12	16.39	16.44	16.51	1 [0
	25	25	16.31	16.35	16.46	0-3	0
	50	0	16.28	16.35	16.35	1	0
	1	0	15.94	16.20	15.90		0
	1	25	15.96	16.27	16.03	1	0
	1	49	15.93	16.30	16.07	1	0
256QAM	25	0	16.28	16.24	16.42	0-5	0
	25	12	16.36	16.33	16.39	1 "	0
	25	25	16.24	16.23	16.37	1	0
	50	0	16.28	16.24	16.33	1	0

Table 8-14 LTE Band 26 Measured Plimit Antenna 4 - 10 MHz Bandwidth

			mododiod	LTE Band 26 (Cell)		- a	,
				10 MHz Bandwidth			
Modulation	RB Size	RB Offset	Low Channel 26740 (819.0 MHz)	Mid Channel 26865 (831.5 MHz)	High Channel 26990 (844.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
		_		Conducted Power [dBm			_
	1	0	17.40	17.48	17.50	_	0
	1	25	17.39	17.45	17.60	0	0
	1	49	17.37	17.46	17.45		0
QPSK	25	0	17.55	17.58	17.67		0
	25	12	17.70	17.62	17.73	0-1	0
	25	25	17.50	17.54	17.66		0
	50	0	17.55	17.50	17.59		0
	1	0	17.38	17.62	17.22		0
	1	25	17.34	17.58	17.23	0-1	0
	1	49	17.30	17.61	17.15		0
16QAM	25	0	17.17	17.19	17.24	0-2	0
	25	12	17.22	17.24	17.35		0
	25	25	17.17	17.20	17.26		0
	50	0	17.10	17.15	17.21		0
	1	0	17.14	17.22	17.58		0
	1	25	17.17	17.23	17.64	0-2	0
	1	49	17.12	17.32	17.55		0
64QAM	25	0	17.30	17.39	17.52		0
	25	12	17.38	17.41	17.57	0-3	0
	25	25	17.29	17.42	17.51	0-3	0
	50	0	17.31	17.38	17.41		0
	1	0	16.91	17.12	17.20		0
	1	25	16.97	17.07	17.26		0
	1	49	16.85	17.20	17.32		0
256QAM	25	0	17.15	17.14	17.24	0-5	0
	25	12	17.27	17.19	17.30		0
	25	25	17.16	17.11	17.19		0
	50	0	17.17	17.13	17.18		0

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8.2.6 LTE Band 5

Table 8-15
LTE Band 5 Measured *Plimit* Antenna 2 - 10 MHz Bandwidth

LTE Band 5 (Cell)					
			10 MHz Bandwidth		
Modulation	RB Size	RB Offset	Mid Channel 20525 (836.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power	SGFF [ub]	
		0	[dBm]		
	1		16.43		0
	1	25	16.35	0	0
	1	49	16.44		0
QPSK	25	0	16.41		0
	25	12	16.48	0-1	0
	25	25	16.47	-	0
	50	0	16.42		0
	1	0	16.46		0
	1	25	16.38	0-1	0
	1	49	16.32		0
16QAM	25	0	16.46		0
	25	12	16.50		0
	25	25	16.49		0
	50	0	16.46		0
	1	0	16.33		0
	1	25	16.30	0-2	0
	1	49	16.34		0
64QAM	25	0	16.48		0
	25	12	16.58		0
	25	25	16.54	0-3	0
	50	0	16.51		0
	1	0	16.54		0
	1	25	16.53		0
	1	49	16.47		0
256QAM	25	0	16.50	0-5	0
	25	12	16.55		0
	25	25	16.56		0
	50	0	16.47		0

Note: LTE Band 5 at 10 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table 8-16
LTE Band 5 Measured *Plimit* Antenna 4 - 10 MHz Bandwidth

			LTE Band 5 (Cell) 10 MHz Bandwidth		
Modulation	RB Size	RB Offset	Mid Channel 20525 (836.5 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP [dB]	MPR [dB]
	1	0	17.51		0
	1	25	17.39	0	0
	1	49	17.48		0
QPSK	25	0	17.54		0
	25	12	17.62	0.4	0
	25	25	17.61	0-1	0
	50	0	17.50		0
	1	0	17.46		0
	1	25	17.40	0-1	0
	1	49	17.38		0
16QAM 25	25	0	17.22		0
	25	12	17.28	0-2	0
	25	25	17.26		0
	50	0	17.20		0
	1	0	17.30		0
	1	25	17.34	0-2	0
	1	49	17.30		0
64QAM	25	0	17.21		0
	25	12	17.31	0.0	0
	25	25	17.29	0-3	0
	50	0	17.21		0
	1	0	17.52		0
	1	25	17.60		0
	1	49	17.57		0
256QAM	25	0	17.19	0-5	0
	25	12	17.22		0
	25	25	17.17		0
	50	0	17.20		0

Note: LTE Band 5 at 10 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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8.2.7 LTE Band 66

Table 8-17
LTE Band 66 Measured *Plimit* Antenna 1b - 20 MHz Bandwidth

		<u> </u>	1100001100 1		u 15 2011	IIIZ Dalluwi	u
				LTE Band 66 (AWS) 20 MHz Bandwidth			
			Low Channel	Mid Channel	High Channel		
Modulation	RB Size	RB Offset	132072 (1720.0 MHz)	132322 (1745.0 MHz)	132572 (1770.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			0	Conducted Power [dBm	1]		
	1	0	11.30	11.28	11.20		0
	1	50	11.19	11.26	10.90	0	0
	1	99	11.23	11.20	10.88		0
QPSK	50	0	11.28	11.22	11.31		0
	50	25	11.36	11.30	11.35	0-1	0
	50	50	11.28	11.25	11.23	0-1	0
	100	0	11.29	11.24	11.21		0
	1	0	11.18	11.63	11.42	0-1	0
	1	50	11.15	11.53	11.37		0
	1	99	11.04	11.52	11.35		0
16QAM	50	0	11.09	11.05	11.00		0
	50	25	11.15	11.07	11.04	0-2	0
	50	50	11.14	11.06	11.05		0
	100	0	11.13	11.07	11.06		0
	1	0	11.50	11.12	10.80		0
	1	50	11.60	11.10	10.86	0-2	0
	1	99	11.51	11.02	10.70		0
64QAM	50	0	11.23	11.14	11.05		0
	50	25	11.22	11.17	11.16	0-3	0
	50	50	11.13	11.06	11.10	0-3	0
	100	0	11.17	11.10	11.02		0
	1	0	11.18	11.11	11.01		0
	1	50	11.21	10.98	11.04		0
	1	99	11.19	11.00	11.01		0
256QAM	50	0	11.20	11.02	10.99	0-5	0
	50	25	11.21	11.01	11.02		0
	50	50	11.22	11.03	11.01		0
	100	0	11.20	11.04	10.98		0

Table 8-18
LTE Band 66 Measured *Plimit* Antenna 1b - 10 MHz Bandwidth

		aa 00 .	noucui cu i	LTE Band 66 (AWS)	u 15 10 11	III Ballawi	u
				10 MHz Bandwidth			
			Low Channel	Mid Channel	High Channel		
Modulation	RB Size	RB Offset	132022 (1715.0 MHz)	132322 (1745.0 MHz)	132622 (1775.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			0	Conducted Power [dBm	1		
	1	0	11.17	11.14	11.22		0
	1	25	11.15	11.06	11.16	0	0
	1	49	11.17	11.04	11.12		0
QPSK	25	0	11.12	11.29	11.33		0
	25	12	11.19	11.29	11.23	0-1	0
	25	25	11.16	11.25	11.22	U-1	0
	50	0	11.20	11.30	11.22		0
	1	0	11.51	11.62	11.57	0-1	0
	1	25	11.50	11.60	11.58		0
	1	49	11.51	11.56	11.54		0
16QAM	25	0	10.96	11.12	11.02		0
	25	12	11.05	11.15	11.05	0-2	0
	25	25	10.99	11.10	11.09	0-2	0
	50	0	10.97	11.07	11.00		0
	1	0	11.05	11.22	10.98		0
	1	25	11.12	11.23	11.01	0-2	0
	1	49	11.13	11.22	10.97	1	0
64QAM	25	0	11.30	11.25	11.17		0
	25	12	11.32	11.25	11.21	0-3	0
	25	25	11.29	11.20	11.20	0-3	0
	50	0	11.28	11.14	11.08	1	0
	1	0	10.89	11.12	11.47		0
	1	25	10.94	11.07	11.49		0
	1	49	10.87	11.01	11.41	1	0
256QAM	25	0	11.30	11.13	11.22	0-5	0
	25	12	11.32	11.14	11.20		0
	25	25	11.28	11.03	11.23		0
	50	0	11.25	11.10	11.14		0

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Table 8-19 LTE Band 66 Measured Plimit Antenna 2 - 20 MHz Bandwidth

				LTE Band 66 (AWS) 20 MHz Bandwidth			
			Low Channel	Mid Channel	High Channel		
Modulation	RB Size	RB Offset	132072 (1720.0 MHz)	132322 (1745.0 MHz)	132572 (1770.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			(Conducted Power [dBm	·]		
	1	0	13.25	13.29	13.09		0
	1	50	13.30	13.24	12.96	0	0
	1	99	13.28	13.24	12.84		0
QPSK	50	0	13.25	13.25	13.22		0
	50	25	13.28	13.26	13.26	0-1	0
	50	50	13.27	13.21	13.20	0-1	0
	100	0	13.25	13.24	13.18		0
	1	0	12.75	12.95	12.78		0
	1	50	12.74	12.92	12.80	0-1	0
Г	1	99	12.70	12.84	12.60] [0
16QAM	50	0	13.00	12.96	12.82		0
	50	25	13.10	13.00	12.81	0-2	0
	50	50	13.02	12.93	12.77] 0-2	0
	100	0	13.06	12.96	12.76	1	0
	1	0	13.25	12.73	13.11		0
	1	50	13.26	12.70	13.09	0-2	0
	1	99	13.20	12.60	12.90	1 [0
64QAM	50	0	13.05	13.01	12.80		0
	50	25	13.11	13.06	12.81	0-3	0
	50	50	13.08	13.00	12.79	7 0-3	0
	100	0	13.09	13.02	12.78] [0
	1	0	12.99	12.93	12.81		0
	1	50	13.00	12.95	12.83	7	0
	1	99	12.98	12.96	12.80	7	0
256QAM	50	0	12.99	12.95	12.82	0-5	0
	50	25	13.01	12.94	12.81	1 1	0
	50	50	12.97	12.93	12.79	1	0
	100	0	12.95	12.96	12.82	1	0

Table 8-20 LTE Band 66 Measured Plimit Antenna 2 - 10 MHz Bandwidth

				LTE Band 66 (AWS) 10 MHz Bandwidth			
			Low Channel 132022	Ţ		MPR Allowed per	
Modulation	RB Size	RB Offset	(1715.0 MHz)	(1745.0 MHz)	(1775.0 MHz)	3GPP [dB]	MPR [dB]
			O	Conducted Power [dBm	1]		
	1	0	13.00	12.89	12.81		0
	1	25	12.92	12.86	12.70	0	0
	1	49	12.98	12.80	12.65		0
QPSK	25	0	13.11	13.09	12.81		0
	25	12	13.20	13.09	12.83	0-1	0
	25	25	13.15	12.97	12.80	J 0-1	0
	50	0	13.17	13.03	12.80		0
	1	0	13.18	12.79	13.16		0
	1	25	13.10	12.69	13.03	0-1	0
	1	49	13.08	12.62	12.97		0
16QAM	25	0	12.95	12.83	12.61		0
	25	12	13.04	12.83	12.62	0-2	0
	25	25	12.96	12.73	12.64		0
	50	0	12.88	12.75	12.53		0
	1	0	13.06	12.61	12.61		0
	1	25	13.11	12.61	12.59	0-2	0
	1	49	13.02	12.60	12.41] [0
64QAM	25	0	12.93	12.88	12.64		0
	25	12	13.05	12.85	12.64	0-3	0
	25	25	13.00	12.78	12.67] 0-3	0
	50	0	12.92	12.83	12.56	1 [0
	1	0	12.73	12.84	13.15		0
	1	25	12.65	1.65 12.76 13.25	1 [0	
	1	49	12.68	12.71	13.12	1	0
256QAM	25	0	13.12	12.84	12.70	0-5	0
	25	12	13.11	12.82	12.67	1 1	0
	25	25	13.05	12.74	12.68	1 1	0
	50	0	13.03	12.72	12.60	1 1	0

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Table 8-21 LTE Band 66 Measured Plimit Antenna 3b - 20 MHz Bandwidth

		<u> </u>	iicasaica i		4 05 20 11	Inz balluwi	u
				LTE Band 66 (AWS) 20 MHz Bandwidth			
			Low Channel	Mid Channel	High Channel		
Modulation	RB Size	RB Offset	132072 (1720.0 MHz)	132322 (1745.0 MHz)	132572 (1770.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			(Conducted Power [dBm	1		
	1	0	11.77	11.69	11.61		0
	1	50	11.74	11.60	11.67	0	0
	1	99	11.67	11.55	11.53		0
QPSK	50	0	11.83	11.71	11.66		0
	50	25	11.85	11.68	11.70	0-1	0
	50	50	11.69	11.59	11.55	0-1	0
	100	0	11.76	11.67	11.64		0
	1	0	12.07	11.96	11.90		0
	1	50	12.05	11.92	11.91	0-1	0
Ī	1	99	11.98	11.84	11.81	1	0
16QAM	50	0	11.87	11.73	11.74		0
	50	25	11.89	11.76	11.78	0-2	0
	50	50	11.76	11.60	11.64] 0-2	0
	100	0	11.83	11.68	11.71	7	0
	1	0	12.01	12.05	12.05		0
	1	50	12.03	12.04	12.07	0-2	0
	1	99	11.99	11.90	11.93	1	0
64QAM	50	0	11.74	11.64	11.68		0
	50	25	11.77	11.63	11.71	0-3	0
	50	50	11.66	11.55	11.58	0-3	0
	100	0	11.70	11.61	11.66	1	0
	1	0	11.87	11.49	11.62		0
	1	50	11.86	11.50	11.78	1	0
	1	99	11.78	11.39	11.66	1	0
256QAM	50	0	11.74	11.70	11.60	0-5	0
	50	25	11.80	11.72	11.62	1	0
	50	50	11.68	11.61	11.55	1 1	0
	100	0	11.72	11.72	11.56	1 1	0

Table 8-22 LTE Band 66 Measured Plimit Antenna 3b - 10 MHz Bandwidth

		ua 00 .	nouou.ou i	LTE Band 66 (AWS)		. = uu	
				10 MHz Bandwidth			
			Low Channel	Mid Channel	High Channel		
Modulation	RB Size	RB Offset	132022 (1715.0 MHz)	132322 (1745.0 MHz)	132622 (1775.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			(Conducted Power [dBm	1]		
	1	0	11.65	11.65	11.52		0
	1	25	11.59	11.37	11.48	0	0
	1	49	11.57	11.38	11.50		0
QPSK	25	0	11.77	11.63	11.66		0
	25	12	11.71	11.63	11.67	0-1	0
	25	25	11.66	11.60	11.63	7 0-1	0
	50	0	11.72	11.63	11.69		0
	1	0	12.21	11.96	11.62		0
	1	25	12.10	11.94	11.56	0-1	0
Ī	1	49	12.10	11.72	11.56		0
16QAM	25	0	11.86	11.74	11.77		0
	25	12	11.84	11.77	11.77	0-2	0
	25	25	11.76	11.75	11.76] 0-2	0
	50	0	11.75	11.68	11.68		0
	1	0	11.75	11.94	11.68		0
	1	25	11.76	11.88	11.72	0-2	0
	1	49	11.67	11.74	11.66		0
64QAM	25	0	11.95	11.83	11.85		0
	25	12	11.94	11.87	11.89	0-3	0
	25	25	11.88	11.82	11.81	0-3	0
	50	0	11.88	11.77	11.75		0
	1	0	11.44	11.75	12.10		0
	1	25	11.43	11.64	12.05] [0
	1	49	11.42	11.58	12.09] [0
256QAM	25	0	11.82	11.71	11.65	0-5	0
	25	12	11.78	11.70	11.66		0
	25	25	11.70	11.56	11.64		0
	50	0	11.68	11.65	11.58		0

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Table 8-23 LTE Band 66 Measured Plimit Antenna 4 - 20 MHz Bandwidth

				LTE David CO (AWO)		i iz Bailawic	
				LTE Band 66 (AWS) 20 MHz Bandwidth			
			Low Channel	Mid Channel	High Channel		
Modulation	RB Size	RB Offset	132072 (1720.0 MHz)	132322 (1745.0 MHz)	132572 (1770.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			(Conducted Power [dBm]		
	1	0	13.52	13.39	13.30		0
	1	50	13.51	13.35	13.22	0	0
	1	99	13.39	13.22	13.15		0
QPSK	50	0	13.54	13.54	13.47		0
	50	25	13.51	13.56	13.30	0-1	0
	50	50	13.44	13.45	13.31	U-1	0
	100	0	13.47	13.41	13.28		0
	1	0	13.05	13.67	13.50		0
	1	50	13.00	13.60	13.47	0-1	0
	1	99	12.90	13.47	13.40		0
16QAM	50	0	13.22	13.26	13.07		0
	50	25	13.29	13.24	13.05	0-2	0
	50	50	13.21	13.17	13.00		0
	100	0	13.24	13.21	13.02		0
	1	0	12.99	13.00	13.06		0
	1	50	12.95	12.90	13.02	0-2	0
	1	99	12.85	12.80	12.97		0
64QAM	50	0	13.21	13.22	13.04		0
	50	25	13.27	13.28	13.10	0-3	0
	50	50	13.21	13.18	13.00	0-3	0
	100	0	13.24	13.17	13.04		0
	1	0	13.30	13.26	12.85		0
	1	50	13.36	13.35	12.90	1	0
	1	99	13.35	13.21	12.85	1	0
256QAM	50	0	13.15	13.22	12.94	0-5	0
	50	25	13.24	13.27	13.02		0
	50	50	13.21	13.16	12.97	1	0
	100	0	13.17	13.15	13.02	1	0

Table 8-24 LTE Band 66 Measured Plimit Antenna 4 - 10 MHz Bandwidth

	LILD	and 00	ivicasui cu		1a 4 - 10 IVI	nz bandwid	ıtıı
				LTE Band 66 (AWS) 10 MHz Bandwidth			
			Low Channel	Mid Channel	High Channel		
Modulation	RB Size	RB Offset	132022 (1715.0 MHz)	132322 (1745.0 MHz)	132622 (1775.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			(Conducted Power [dBm	1		
	1	0	13.39	13.38	13.23		0
	1	25	13.36	13.30	13.21	0	0
	1	49	13.33	13.30	13.18]	0
QPSK	25	0	13.50	13.46	13.38		0
	25	12	13.46	13.47	13.40	0-1	0
	25	25	13.40	13.42	13.37	7 0-1	0
	50	0	13.44	13.45	13.40		0
	1	0	13.45	13.19	13.53		0
	1	25	13.42	13.10	13.39	0-1	0
	1	49	13.40	13.03	13.39		0
16QAM	25	0	13.28	13.20	13.06		0
	25	12	13.29	13.21	13.06	0-2	0
	25	25	13.29	13.16	13.02	0-2	0
	50	0	13.18	13.15	12.95	1	0
	1	0	13.39	13.04	12.90		0
	1	25	13.37	13.01	12.85	0-2	0
	1	49	13.33	12.89	12.78]	0
64QAM	25	0	13.28	13.25	13.06		0
	25	12	13.28	13.21	13.08	0-3	0
	25	25	13.27	13.24	13.01		0
	50	0	13.21	13.19	12.96		0
	1	0	12.81	13.15	13.33		0
	1	25	12.87	13.06	13.40		0
	1	49	12.86	13.04	13.35] [0
256QAM	25	0	13.20	13.14	12.98	0-5	0
	25	25 12 13.20	13.12	13.03		0	
	25	25	13.18	13.03	13.09		0
	50	0	13.16	13.08	13.01		0

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8.2.8 LTE Band 25

Table 8-25 LTE Band 25 Measured *Plimit* Antenna 1b - 20 MHz Bandwidth

	LILD	anu 25	ivieasui eu		10 10 - 20 I	IIHZ Bandwi	utti
LTE Band 25 (PCS) 20 MHz Bandwidth							
			Low Channel	Mid Channel	High Channel		
Modulation			26140	26365	26590	MPR Allowed per	
	RB Size	RB Offset	(1860.0 MHz)	(1882.5 MHz)	(1905.0 MHz)	3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	10.75	10.91	10.86	0	0
	1	50	10.62	10.95	10.80		0
	1	99	10.66	10.85	10.78		0
	50	0	10.94	10.98	10.85		0
	50	25	10.97	10.92	10.91	0-1	0
	50	50	10.96	10.96	10.93] 0-1	0
	100	0	10.92	10.94	10.90	1	0
	1	0	10.83	10.82	11.07		0
16QAM	1	50	10.85	10.82	11.04	0-1	0
	1	99	10.79	10.72	10.84		0
	50	0	10.70	10.63	10.47	0-2	0
	50	25	10.78	10.64	10.45		0
	50	50	10.74	10.59	10.44		0
	100	0	10.70	10.65	10.39	1 [0
	1	0	10.56	11.01	10.21		0
	1	50	10.68	11.07	10.18	0-2	0
	1	99	10.66	10.93	10.08	1 [0
64QAM	50	0	10.62	10.64	10.53		0
	50	25	10.75	10.61	10.56	0-3	0
	50	50	10.69	10.65	10.49		0
	100	0	10.71	10.64	10.57		0
	1	0	0 11.03 10.96	10.94		0	
	1	50	11.07	11.01	10.99	0-5	0
	1	99	11.00	10.87	10.84		0
256QAM	50	0	10.81	10.72	10.69		0
	50	25	10.88	10.73	10.75		0
	50	50	10.84	10.72	10.69		0
	100	0	10.86	10.60	10.72		0

Table 8-26
LTE Band 25 Measured *Plimit* Antenna 2 - 20 MHz Bandwidth

LTE Datid 20 Word of (POD)							
LTE Band 25 (PCS) 20 MHz Bandwidth							
			Low Channel	Mid Channel	High Channel		
Modulation	RB Size	RB Offset	26140	26365	26590	MPR Allowed per	MDD (4D)
Modulation	KB Size	RB Offset	(1860.0 MHz)	(1882.5 MHz)	(1905.0 MHz)	3GPP [dB]	MPR [dB]
			C	Conducted Power [dBm	1]		
QPSK	1	0	13.00	12.92	12.93	0	0
	1	50	12.71	12.85	12.94		0
	1	99	12.70	12.80	12.95		0
	50	0	13.01	12.86	12.91		0
	50	25	13.11	12.88	13.06	0-1	0
	50	50	13.00	12.95	13.02]	0
	100	0	12.99	12.87	12.90	İ	0
16QAM	1	0	13.15	12.95	12.21		0
	1	50	13.15	13.03	12.34	0-1	0
	1	99	13.07	12.91	12.32		0
	50	0	12.65	12.58	12.58	0-2	0
	50	25	12.70	12.63	12.69		0
	50	50	12.67	12.63	12.67		0
	100	0	12.71	12.63	12.62		0
	1	0	12.65	12.23	12.91		0
	1	50	12.72	12.30	13.06	0-2	0
	1	99	12.65	12.32	13.04		0
64QAM	50	0	12.68	12.60	12.60		0
	50	25	12.76	12.69	12.67	0-3	0
	50	50	12.68	12.65	12.69		0
	100	0	12.72	12.67	12.64		0
	1	0	12.67	12.60	12.60	0-5	0
	1	50	12.68	12.60	12.61		0
	1	99	12.67	12.66	12.57		0
256QAM	50	0	12.67	12.66	12.56		0
	50	25	12.66	12.66	12.65		0
	50	50	12.67	12.65	12.64]	0
	100	0	12.66	12.64	12.64		0

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Table 8-27
LTE Band 25 Measured *Plimit* Antenna 3b - 20 MHz Bandwidth

		anu 23	WEasureu		1a 3b - 20 1	VITIZ Dalluwi	utti
				LTE Band 25 (PCS)			
	ı	ı	Low Channel	20 MHz Bandwidth Mid Channel	High Observed		
			26140	26365	High Channel 26590	MPR Allowed per 3GPP	
Modulation	RB Size	RB Offset	(1860.0 MHz)	(1882.5 MHz)	(1905.0 MHz)	[dB]	MPR [dB]
				Conducted Power [dBm		- [ub]	
	1	0	11.97	12.12	12.08		0
	1	50	11.89	12.18	12.01	1 0	0
	1	99	11.87	12.04	11.90	1 '	0
QPSK	50	0	12.17	12.20	12.14		0
	50	25	12.22	12.23	12.11	1 1	0
	50	50	12.17	12.11	12.00	0-1	0
	100	0	12.14	12.15	12.07	1	0
	1	0	12.10	12.00	11.63		0
	1	50	12.05	12.05	11.57	0-1	0
	1	99	12.00	11.90	11.90	1 [0
16QAM	50	0	11.98	11.93	11.91		0
	50	25	12.03	11.95	11.92	0-2	0
	50	50	11.97	11.94	11.93	0-2	0
	100	0	11.96	11.96	11.92		0
	1	0	11.87	11.83	12.11		0
	1	50	11.86	11.83	12.10	0-2	0
	1	99	11.73	11.70	12.04		0
64QAM	50	0	11.93	11.85	11.82		0
	50	25	11.97	11.90	11.83	0-3	0
	50	50	11.89	11.88	11.81	0-5	0
	100	0	11.95	11.87	11.78		0
	1	0	11.68	11.87	11.92		0
	1	50	11.70	11.91	12.02] [0
	1	99	11.51	11.83	11.87		0
256QAM	50	0	11.94	11.78	11.87	0-5	0
	50	25	11.92	11.81	11.95		0
	50	50	11.75	11.69	11.89] [0
	100	0	11.91	11.74	11.86		0

Table 8-28
LTE Band 25 Measured *Plimit* Antenna 4 - 20 MHz Bandwidth

				LTE Band 25 (PCS) 20 MHz Bandwidth			
Modulation	RB Size	RB Offset	Low Channel 26140 (1860.0 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26590 (1905.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
		_		Conducted Power [dBm			
	1	0	12.94	12.82	12.65		0
	1	50	12.81	12.80	12.72	0	0
	1	99	12.75	12.93	12.93		0
QPSK	50	0	13.09	12.87	12.93		0
	50	25	12.90	12.88	13.08	0-1	0
	50	50	12.92	13.02	12.98	1	0
	100	0	12.93	12.85	12.76		0
	1	0	13.19	13.11	13.09	1	0
	1	50	13.22	13.10	13.11	0-1	0
	1	99	13.14	12.99	13.01		0
16QAM	50	0	12.96	12.94	12.80		0
	50	25	13.04	12.93	12.90	0-2	0
	50	50	13.01	12.97	12.89] "2	0
	100	0	13.00	12.92	12.88		0
	1	0	13.04	13.07	13.03		0
	1	50	13.19	13.10	13.06	0-2	0
	1	99	12.97	13.04	13.02] [0
64QAM	50	0	12.99	12.91	12.87		0
	50	25	13.05	12.92	12.93	0-3	0
	50	50	13.00	12.95	12.89	1 0-3	0
	100	0	13.00	12.90	12.94	1 [0
	1	0	13.07	13.06	13.01		0
	1	50	13.17	13.16	13.05	1 1	0
	1	99	13.11	13.05	12.93	1 1	0
256QAM	50	0	12.78	12.85	12.74	0-5	0
	50	25	12.89	12.86	12.82	1 1	0
	50	50	12.84	12.86	12.77	1 1	0
	100	0	12.85	12.78	12.78	1	0

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LTE Band 30 8.2.9

Table 8-29 LTE Band 30 Measured Plimit Antenna 1b - 10 MHz Bandwidth

LTE Band 30 10 MHz Bandwidth								
Modulation	RB Size	RB Offset	Mid Channel 27710 (2310.0 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP [dB]	MPR [dB]			
	1	0	11.72		0			
	1	25	11.58	0	0			
	1	49	11.61		0			
QPSK	25	0	11.83		0			
	25	12	11.98	0-1	0			
	25	25	11.78	0-1	0			
	50	0	11.70		0			
	1	0	11.97		0			
	1	25	11.90	0-1	0			
	1	49	11.87		0			
16QAM	25	0	11.75		0			
	25	12	11.77	0-2	0			
	25	25	11.74	0-2	0			
	50	0	11.68		0			
	1	0	11.61		0			
	1	25	11.57	0-2	0			
	1	49	11.50		0			
64QAM	25	0	11.72		0			
	25	12	11.85	0-3	0			
	25	25	11.70	U-3	0			
	50	0	11.76		0			
	1	0	11.82		0			
	1	25	11.87		0			
	1	49	11.92		0			
256QAM	25	0	11.44	0-5	0			
	25	12	11.52		0			
	25	25	11.54		0			
	50	0	11.55		0			

Table 8-30 LTE Band 30 Measured Plimit Antenna 2 - 10 MHz Bandwidth

			LTE Band 30 10 MHz Bandwidth		
			Mid Channel		
Modulation	RB Size	RB Offset	27710 (2310.0 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP [dB]	MPR [dB]
	1	0	12.67		0
	1	25	12.58	0	0
	1	49	12.55		0
QPSK	25	0	12.70		0
	25	12	12.73	0-1	0
	25	25	12.75	U-1	0
	50	0	12.66		0
	1	0	12.90		0
	1	25	12.81	0-1	0
	1	49	12.85		0
16QAM	25	0	12.66		0
	25	12	12.65	0-2	0
	25	25	12.69	0-2	0
	50	0	12.59		0
	1	0	12.72		0
	1	25	12.73	0-2	0
	1	49	12.62		0
64QAM	25	0	12.67		0
	25	12	12.65	0-3	0
	25	25	12.72	U-3	0
	50	0	12.60		0
	1	0	12.55		0
	1	25	12.52		0
	1	49	12.53		0
256QAM	25	0	12.50	0-5	0
	25	12	12.51		0
	25	25	12.49		0
	50	0	12.55		0

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Table 8-31
LTE Band 30 Measured *Plimit* Antenna 3b - 10 MHz Bandwidth

			LTE Band 30	10 JD - 10 IV	
			10 MHz Bandwidth		
Modulation	RB Size	RB Offset	Mid Channel 27710 (2310.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power		
	1	0	[dBm] 13.25		0
	1	25	13.40	0	0
	1	49	13.24	Ů	0
QPSK	25	0	13.41		0
QI OIL	25	12	13.45		0
	25	25	13.42	0-1	0
	50	0	13.38		0
	1	ō	13.40		0
	1	25	13.34	0-1	0
	1	49	13.36	* '	0
16QAM	25	0	13.00		0
	25	12	13.08		0
	25	25	13.05	0-2	0
	50	0	12.92		0
	1	0	13.16		0
	1	25	13.20	0-2	0
	1	49	13.15		0
64QAM	25	0	13.41		0
	25	12	13.42	0-3	0
	25	25	13.42	0-3	0
	50	0	13.38		0
·	1	0	13.13		0
	1	25	13.20		0
	1	49	13.25		0
256QAM	25	0	13.01	0-5	0
	25	12	12.82		0
	25	25	12.83		0
	50	0	12.80		0

Table 8-32 LTE Band 30 Measured *Plimit* Antenna 4 - 10 MHz Bandwidth

			LTE Band 30 10 MHz Bandwidth		
Modulation	RB Size	RB Offset	Mid Channel 27710 (2310.0 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP [dB]	MPR [dB]
	1	0	13.25		0
	1	25	13.16	0	0
	1	49	13.13		0
QPSK	25	0	13.20		0
	25	12	13.47	0-1	0
	25	25	13.28	U-1	0
	50	0	13.21		0
	1	0	13.25		0
	1	25	13.20	0-1	0
	1	49	13.22		0
16QAM	25	0	13.16		0
	25	12	13.20	0-2	0
	25	25	13.21	0-2	0
	50	0	13.24		0
	1	0	13.11		0
	1	25	13.09	0-2	0
	1	49	13.06		0
64QAM	25	0	13.12		0
	25	12	13.02	0-3	0
	25	25	13.07	0-3	0
	50	0	12.99		0
	1	0	12.93		0
	1	25	12.96		0
	1	49	12.95	1	0
256QAM	25	0	13.03	0-5	0
	25	12	13.05	1	0
	25	25	13.03	1	0
	50	0	13.02	1	0

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8.2.10 LTE Band 7

Table 8-33 LTE Band 7 Measured *Plimit* Antenna 1b - 20 MHz Bandwidth

		Jana 7	vicasui cu i	Plimit Antenn	10 10 ZO W	IIIZ Ballawic	
				LTE Band 7 20 MHz Bandwidth			
			Low Channel	Mid Channel	High Channel		
			20850	21100	21350	MPR Allowed per	
Modulation	RB Size	RB Offset	(2510.0 MHz)	(2535.0 MHz)	(2560.0 MHz)	3GPP [dB]	MPR [dB]
				Conducted Power [dBm			
	1	0	11.66	12.00	12.06		0
	1	50	11.64	11.99	12.03	0	0
	1	99	11.87	11.87	11.95	1	0
QPSK	50	0	11.98	12.04	12.10		0
	50	25	11.97	12.04	12.08	1 ,, [0
	50	50	12.09	12.03	12.04	0-1	0
	100	0	11.96	12.05	12.03	1	0
	1	0	12.20	12.40	11.70		0
	1	50	12.30	12.47	11.69	0-1	0
	1	99	12.26	12.33	11.60	1	0
16QAM	50	0	11.93	11.95	11.94		0
	50	25	11.95	12.00	11.98	0-2	0
	50	50	11.90	11.93	11.93] "-2	0
	100	0	11.92	12.01	11.92	1	0
	1	0	12.24	11.67	12.03		0
	1	50	12.32	11.74	12.00	0-2	0
	1	99	12.30	11.60	11.83	1	0
64QAM	50	0	11.95	12.05	12.02		0
	50	25	11.97	12.09	12.04	1 ,, [0
	50	50	11.91	12.03	11.95	0-3	0
	100	0	11.92	12.02	12.02	1	0
	1	0	11.80	12.02	11.87		0
	1	50	11.95	12.04	12.00	1	0
	1	99	11.95	12.02	12.02	1 [0
256QAM	50	0	11.98	12.05	12.01	0-5	0
	50	25	11.96	12.07	12.03	1	0
	50	50	12.00	12.10	11.95] [0
	100	0	11.96	12.07	12.07	1	0

Table 8-34
LTE Band 7 Measured *Plimit* Antenna 2 - 20 MHz Bandwidth

		bana i	Micasarca	LTE Band 7	14 Z Z 111	i iz Dailuwiui	
				20 MHz Bandwidth			
			Low Channel	Mid Channel	High Channel		
Modulation	RB Size	RB Offset	20850	21100	21350	MPR Allowed per 3GPP	MPR [dB]
Wodulation	NB Size	KB Oliset	(2510.0 MHz)	(2535.0 MHz)	(2560.0 MHz)	[dB]	WEK [UD]
				Conducted Power [dBm			
	1	0	11.31	11.30	11.34		0
	1	50	11.32	11.29	11.27	0	0
	1	99	11.35	11.27	11.33		0
QPSK	50	0	11.49	11.51	11.48		0
	50	25	11.50	11.49	11.46	0-1	0
	50	50	11.52	11.46	11.44		0
	100	0	11.34	11.33	11.30		0
	1	0	11.45	11.29	11.24		0
	1	50	11.49	11.32	11.29	0-1	0
	1	99	11.44	11.29	11.31		0
16QAM	50	0	11.00	10.95	10.94		0
	50	25	10.99	11.00	10.98	0-2	0
	50	50	10.93	10.96	10.96	0-2	0
	100	0	10.94	10.96	10.95		0
	1	0	11.04	10.76	10.64		0
	1	50	11.00	10.91	10.85	0-2	0
	1	99	10.98	10.78	10.80		0
64QAM	50	0	11.08	11.00	10.99		0
	50	25	11.05	11.06	11.03	0-3	0
	50	50	11.02	11.02	11.00	7 0-3	0
	100	0	11.00	11.01	11.01	1	0
	1	0	11.02	11.03	10.95		0
	1	50	11.03	11.03	10.96	1	0
-	1	99	11.06	10.99	10.98	1	0
256QAM	50	0	11.05	10.98	10.96	0-5	0
	50	25	11.02	11.01	10.95	1 1	0
	50	50	11.03	11.02	10.98	1	0
	100	0	11.02	10.98	10.99	1	0

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Table 8-35
LTE Band 7 Measured Plimit Antenna 3b - 20 MHz Bandwidth

		Janu I	vicasui cu i		a 30 - 20 W	IHZ Bandwid	ILII
				LTE Band 7 20 MHz Bandwidth			
			Low Channel	Mid Channel	High Channel		
			20850	21100	21350	MPR Allowed per	
Modulation	RB Size	RB Offset	(2510.0 MHz)	(2535.0 MHz)	(2560.0 MHz)	3GPP [dB]	MPR [dB]
				Conducted Power [dBm			
	1	0	13.46	13.40	13.52		0
	1	50	13.60	13.42	13.51	0	0
	1	99	13.46	13.30	13.34		0
QPSK	50	0	13.52	13.59	13.52		0
	50	25	13.60	13.58	13.54	1 ,, [0
	50	50	13.52	13.56	13.40	0-1	0
	100	0	13.51	13.58	13.51	1	0
	1	0	13.55	13.54	13.88		0
	1	50	13.59	13.55	13.82	0-1	0
16QAM	1	99	13.54	13.44	13.75	1	0
	50	0	13.36	13.39	13.34		0
	50	25	13.38	13.37	13.35	1 [0
	50	50	13.35	13.25	13.20	0-2	0
	100	0	13.34	13.33	13.28	1	0
	1	0	12.86	12.72	13.40		0
	1	50	12.98	12.82	13.41	0-2	0
	1	99	12.91	12.70	13.30	1	0
64QAM	50	0	12.89	13.05	12.92		0
	50	25	13.02	13.15	13.01	0-3	0
	50	50	12.98	13.10	12.94] "-3	0
	100	0	12.99	13.03	12.97		0
	1	0	13.21	13.22	13.23		0
	1	50	13.30	13.33	13.22] [0
	1	99	13.34	13.26	13.24]	0
256QAM	50	0	13.01	13.05	13.03	0-5	0
	50	25	13.04	13.13	13.01	1	0
	50	50	13.06	13.08	13.03]	0
	100	0	13.00	13.04	12.90	1	0

Table 8-36
LTE Band 7 Measured *Plimit* Antenna 4 - 20 MHz Bandwidth

				LTE Band 7		iz Ballawia	
				20 MHz Bandwidth			
			Low Channel	Mid Channel	High Channel		
Modulation	RB Size	RB Offset	20850	21100	21350	MPR Allowed per	MPR [dB]
Modulation	KD SIZE	KB Oliset	(2510.0 MHz)	(2535.0 MHz)	(2560.0 MHz)	3GPP [dB]	WIFK [GD]
			(Conducted Power [dBm]		
	1	0	11.70	11.53	11.35		0
	1	50	11.76	11.58	11.48	0	0
	1	99	11.65	11.57	11.41		0
QPSK	50	0	11.77	11.72	11.67		0
	50	25	11.81	11.77	11.73	0-1	0
	50	50	11.71	11.64	11.62] ""	0
	100	0	11.75	11.70	11.69		0
	1	0	11.51	11.47	11.60		0
	1	50	11.62	11.58	11.70	0-1	0
	1	99	11.55	11.61	11.67		0
16QAM	50	0	11.23	11.19	11.23		0
	50	25	11.25	11.27	11.25	0-2	0
ŀ	50	50	11.19	11.22	11.22	0-2	0
	100	0	11.20	11.25	11.21		0
	1	0	11.55	11.11	11.15		0
	1	50	11.61	11.30	11.34	0-2	0
	1	99	11.46	11.10	11.20		0
64QAM	50	0	11.20	11.22	11.26		0
	50	25	11.19	11.27	11.33	0-3	0
	50	50	11.15	11.22	11.21	0-3	0
	100	0	11.16	11.27	11.29]	0
	1	0	11.23	11.22	11.24		0
	1	50	11.30	11.49	11.40	1	0
	1	99	11.16	11.26	11.33	1	0
256QAM	50	0	11.20	11.22	11.24	0-5	0
	50	25	11.22	11.30	11.31	1	0
	50	50	11.16	11.15	11.25	1	0
	100	0	11.17	11.20	11.26	1	0

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8.2.11 LTE Band 41 PC3

Table 8-37 LTE Band 41 PC3 Measured Plimit Antenna 1b - 20 MHz Bandwidth

		111U T 1	I CO IVIC	asureu <i>i</i>		Jillia ID	ZU IVII IZ	. Danuwic	4111
				2	LTE Band 41 0 MHz Bandwidth				
			Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel		
Modulation	RB Size	RB Offset	39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
				Co	nducted Power [dE	Bm]			
	1	0	13.33	13.40	13.28	13.27	13.38		0
	1	50	13.25	13.36	13.16	13.29	13.29	1 0	0
	1	99	13.21	13.27	13.13	13.30	13.23	1 [0
QPSK	50	0	13.49	13.51	13.37	13.42	13.42		0
	50	25	13.44	13.52	13.39	13.44	13.43	0-1	0
	50	50	13.35	13.42	13.33	13.40	13.34	0-1	0
	100	0	13.33	13.37	13.34	13.35	13.39	1 [0
	1	0	13.20	13.35	13.16	13.15	13.26		0
	1	50	13.24	13.43	13.01	13.17	13.25	0-1	0
	1	99	13.25	13.39	13.06	13.30	13.22	1 [0
16QAM	50	0	13.24	13.27	13.10	13.17	13.24		0
	50	25	13.29	13.24	13.22	13.18	13.23	0-2	0
	50	50	13.19	13.18	13.17	13.20	13.19		0
	100	0	13.20	13.18	13.19	13.15	13.18		0
	1	0	13.07	13.09	13.20	13.16	13.22		0
	1	50	13.14	13.10	13.15	13.12	13.18	0-2	0
	1	99	13.03	13.08	13.19	13.17	13.17	1 [0
64QAM	50	0	13.13	13.17	13.18	13.08	13.18		0
	50	25	13.14	13.22	13.15	13.19	13.21	0-3	0
	50	50	13.15	13.16	13.20	13.17	13.13	1 0-3	0
	100	0	13.02	13.14	13.16	13.20	13.17] [0
	1	0	13.51	13.45	13.37	13.41	13.22		0
	1	50	13.44	13.29	13.32	13.39	13.21	1 [0
	1	99	13.38	13.24	13.26	13.38	13.19	1 1	0
256QAM	50	0	13.48	13.36	13.36	13.31	13.23	0-5	0
	50	25	13.50	13.37	13.38	13.34	13.25	1 1	0
	50	50	13.39	13.30	13.27	13.29	13.18	1 1	0
	100	0	13.38	13.29	13.30	13.28	13.22	1 1	0

Table 8-38 LTE Band 41 PC3 Measured Plimit Antenna 2 - 20 MHz Bandwidth

		aria i		Jasarca	LTE Band 41	01111a 2		Banama	···
				20	MHz Bandwidth				
			Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel		
Modulation	RB Size	RB Offset	39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
				Cor	nducted Power [di	Bm]			
	1	0	13.26	13.08	13.21	13.10	13.25		0
	1	50	13.14	13.11	13.12	12.87	13.16	0	0
QPSK	1	99	13.10	13.02	13.05	12.97	13.10		0
	50	0	13.34	13.25	13.28	13.11	13.15		0
	50	25	13.35	13.23	13.25	13.14	13.16	0-1	0
	50	50	13.21	13.16	13.21	13.12	13.14	0-1	0
	100	0	13.25	13.20	13.19	13.11	13.23	1	0
	1	0	13.22	13.18	13.51	13.36	13.31		0
	1	50	13.19	13.38	13.48	13.27	13.27	0-1	0
	1	99	13.13	13.37	13.39	13.29	13.22	1	0
16QAM	50	0	13.24	13.22	13.25	13.13	13.12		0
	50	25	13.31	13.20	13.23	13.06	13.11	0-2	0
	50	50	13.24	13.19	13.22	13.06	13.08		0
	100	0	13.30	13.13	13.21	13.07	13.07	1	0
	1	0	13.18	12.93	13.14	13.12	13.08		0
	1	50	13.25	12.91	13.04	13.10	12.98	0-2	0
	1	99	13.10	12.87	13.00	13.08	12.95	1	0
64QAM	50	0	13.21	13.19	13.36	13.10	13.15		0
	50	25	13.24	13.24	13.35	13.14	13.20	0-3	0
	50	50	13.20	13.13	13.26	13.11	13.13	1 0-3	0
	100	0	13.17	13.22	13.30	13.15	13.26	1	0
	1	0	13.31	13.17	13.40	13.15	13.35		0
	1	50	13.28	13.13	13.34	13.16	13.32	1	0
	1	99	13.20	13.12	13.21	13.21	13.21	1	0
256QAM	50	0	13.25	13.16	13.31	13.19	13.27	0-5	0
	50	25	13.23	13.22	13.29	13.22	13.36		0
j	50	50	13.21	13.20	13.21	13.19	13.28	1	0
l	100	0	13.22	13.17	13.25	13.17	13.29	1 1	0

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Table 8-39 LTE Band 41 PC3 Measured Plimit Antenna 3b - 20 MHz Bandwidth

				uoui ou i	LTE Band 41	Ja 0.0		Danuwic	1611
				20	MHz Band 41				
			Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel		
Modulation	RB Size	RB Offset	39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
				Cor	nducted Power [d	Bm]			
	1	0	14.28	14.25	14.13	14.26	14.25		0
	1	50	14.42	14.15	14.12	14.22	14.10	0	0
	1	99	14.29	14.10	14.21	14.17	14.12		0
QPSK	50	0	14.42	14.40	14.36	14.39	14.36		0
	50	25	14.40	14.41	14.37	14.41	14.41	0-1	0
	50	50	14.39	14.30	14.40	14.29	14.37] ""	0
	100	0	14.39	14.40	14.41	14.36	14.36	1	0
	1	0	14.32	14.23	14.05	14.43	14.25		0
	1	50	14.30	14.25	14.01	14.31	14.26	0-1	0
	1	99	14.24	14.15	14.05	14.30	14.31	1	0
16QAM	50	0	14.04	13.99	14.08	14.12	14.14		0
	50	25	14.13	14.07	14.16	14.11	14.16	0-2	0
	50	50	14.07	14.03	14.12	14.07	14.09		0
	100	0	14.12	14.01	14.09	14.09	14.12	1	0
	1	0	14.03	13.95	14.08	14.17	14.13		0
	1	50	14.08	14.03	14.09	14.11	14.11	0-2	0
	1	99	14.06	13.96	14.06	14.09	14.12	1	0
64QAM	50	0	14.08	14.03	14.13	14.13	14.09		0
	50	25	14.11	14.07	14.16	14.15	14.16	0-3	0
	50	50	14.07	14.04	14.08	14.09	14.12	1 0-3	0
	100	0	14.12	14.05	14.07	14.11	14.17	1	0
	1	0	14.16	14.25	14.13	14.13	14.25		0
	1	50	14.07	14.21	14.13	14.08	14.22	1	0
	1	99	14.05	14.16	14.07	14.04	14.21	1	0
256QAM	50	0	14.09	14.09	14.09	14.10	14.17	0-5	0
	50	25	14.13	14.12	14.18	14.15	14.20	1	0
	50	50	14.10	14.11	14.13	14.09	14.15	1	0
	100	0	14.11	14.06	14.09	14.11	14.14	1	0

Table 8-40 LTE Band 41 PC3 Measured Plimit Antenna 4 - 20 MHz Bandwidth

		<u> </u>		Jusuica		•·····a ·		Danawia	•••
				21	LTE Band 41 MHz Bandwidth				
			Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel		
Modulation	RB Size	RB Offset	39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
				Co	nducted Power [dE	Bm]			
	1	0	13.90	13.70	13.93	13.71	13.71		0
	1	50	13.77	13.68	13.81	13.60	13.62	0	0
	1	99	13.79	13.71	13.80	13.61	13.70		0
QPSK	50	0	14.00	13.78	14.00	13.76	13.84		0
	50	25	14.01	13.82	14.02	13.74	13.89	0-1	0
	50	50	13.92	13.79	13.86	13.66	13.80	0-1	0
	100	0	13.91	13.73	13.92	13.70	13.90	1	0
	1	0	13.61	13.43	13.62	13.37	13.90		0
	1	50	13.64	13.44	13.51	13.39	13.92	0-1	0
	1	99	13.57	13.40	13.43	13.42	13.89	1 1	0
16QAM	50	0	13.74	13.65	13.83	13.37	13.77		0
	50	25	13.79	13.68	13.80	13.44	13.76	0-2	0
	50	50	13.66	13.69	13.67	13.38	13.65		0
	100	0	13.77	13.59	13.74	13.43	13.75	1	0
	1	0	13.78	13.59	13.58	13.67	13.62		0
	1	50	13.87	13.71	13.54	13.66	13.56	0-2	0
	1	99	13.74	13.75	13.44	13.72	13.51	1	0
64QAM	50	0	13.56	13.51	13.55	13.43	13.64		0
	50	25	13.63	13.52	13.62	13.41	13.71	1 1	0
	50	50	13.55	13.54	13.52	13.37	13.66	0-3	0
	100	0	13.62	13.56	13.61	13.39	13.72	1	0
	1	0	13.92	13.73	14.00	13.63	13.95		0
	1	50	13.91	13.77	13.95	13.67	13.96	1 1	0
	1	99	13.88	13.79	13.84	13.74	13.90	1	0
256QAM	50	0	13.72	13.60	13.77	13.40	13.79	0-5	0
	50	25	13.79	13.58	13.76	13.44	13.80		0
	50	50	13.74	13.62	13.70	13.37	13.77	1 1	0
	100	0	13.71	13.58	13.72	13.36	13.78	1 1	0

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8.2.12 LTE Band 41 PC2

Table 8-41 LTE Band 41 PC2 Measured Plimit Antenna 1b - 20 MHz Bandwidth

_			. 02	acaica i	/ WIIC	,,,,,,		Danam	u				
				2	LTE Band 41 0 MHz Bandwidth								
			Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel						
Modulation	RB Size	RB Size	RB Size	RB Size	RB Size	RB Offset	39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
				Co		0 0 0							
	1	0	14.98	14.80	14.97	14.83	14.70		0				
	1	50	15.00	14.83	14.92	14.80	14.65	0	0				
	1	99	14.95	14.79	14.94	14.85	14.71	1	0				
QPSK	50	0	15.17	15.10	14.96	14.95	14.93		0				
	50	25	15.11	15.12	14.95	14.96	14.97	0-1	0				
	50	50	15.06	15.01	14.98	14.93	14.85	0-1	0				
	100	0	14.99	14.98	14.96	14.90	14.83	1	0				

Table 8-42 LTE Band 41 PC2 Measured *Plimit* Antenna 2 - 20 MHz Bandwidth

	LTE Band 41 20 MHz Bandwidth										
Modulation			Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel				
	RB Size	RB Offset	39750 (2506.0 MHz)	40185 40620 (2549.5 MHz) (2593.0 MHz)		41055 (2636.5 MHz)	41490 (2680.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]		
				Co	nducted Power [dB	m]					
	1	0	14.77	14.60	14.98	14.77	14.86		0		
	1	50	14.79	14.62	14.88	14.69	14.79	0	0		
	1	99	14.72	14.56	14.91	14.67	14.78		0		
QPSK	50	0	14.95	14.88	14.93	14.95	14.92		0		
	50	25	14.89	14.85	14.94	14.96	14.95	0-1	0		
	50	50	14.84	14.79	14.93	14.93	14.93	U-1	0		
	100	0	14.86	14.84	14.90	14.92	14.89		0		

Table 8-43 LTE Band 41 PC2 Measured Plimit Antenna 3b - 20 MHz Bandwidth

_				usuicu i				Danawi				
	LTE Band 41 20 MHz Bandwidth											
			Low Channel	Low Channel Low-Mid Channel Mid Channel Mid-High Channel High Channel	High Channel							
Modulation	RB Size	RB Size	RB Offset	39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]		
				Co								
	1	0	15.90	15.84	16.01	15.95	15.92		0			
	1	50	16.12	15.85	15.97	15.99	15.93	0	0			
	1	99	15.83	15.69	15.92	16.02	15.98		0			
QPSK	50	0	16.20	16.04	16.12	15.99	16.15		0			
	50	25	16.15	16.02	16.17	16.01	16.18	0-1	0			
	50	50	16.14	15.97	16.05	15.96	16.16	0-1	0			
	100	0	16.11	16.00	16.00	16.01	16.09		0			

Table 8-44 LTE Band 41 PC2 Measured *Plimit* Antenna 4 - 20 MHz Bandwidth

	LTE Band 41 20 MHz Bandwidth												
			Low Channel	Low-Mid Channel	Mid Channel Mid-High Chann		High Channel						
Modulation	ulation RB Size RB Offset		39750 (2506.0 MHz)	40185 40620 (2549.5 MHz) (2593.0 MHz)		41055 (2636.5 MHz)	41490 (2680.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]				
	1	0	15.08	14.92	15.27	14.85	14.95		0				
	1	50	15.15	15.00	15.26	14.80	15.00	0	0				
	1	99	15.10	14.99	15.24	14.82	15.05		0				
QPSK	50	0	15.40	15.20	15.48	15.06	15.20		0				
	50	25	15.44	15.30	15.54	15.10	15.27	0-1	0				
	50	50	15.39	15.26	15.43	15.00	15.23	0-1	0				
	100	0	15.29	15.27	15.30	15.04	15.25		0				

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8.2.13 LTE Band 48

Table 8-45
LTE Band 48 Measured *Plimit* Antenna 1a - 20 MHz Bandwidth

		ana to	measure	LTE Bar		20 1411 12	Danuwiui	••
				20 MHz Bar				
			Low Channel		Mid-High Channel	High Channel		
Modulation	RB Size	RB Offset	RB Offset 55340 55773 56207 56640 (3560.0 MHz) (3603.3 MHz) (3646.7 MHz) (3690.0 MHz)		MPR Allowed per 3GPP [dB]	MPR [dB]		
				Conducted	Power [dBm]			
	1	0	11.24	11.28	11.33	11.28		0
	1	50	11.23	11.25	11.28	11.19	0	0
	1	99	11.40	11.29	11.39	11.15		0
QPSK	50	0	11.42	11.37	11.38	11.38		0
	50	25	11.43	11.42	11.43	11.36	0-1	0
	50	50	11.46	11.43	11.45	11.30	U-1	0
	100	0	11.39	11.37	11.38	11.37	1	0
	1	0	11.34	11.22	11.29	11.19		0
	1	50	11.36	11.15	11.18	11.13	0-1	0
16QAM	1	99	11.30	11.20	11.16	11.14	1	0
	50	0	11.28	11.24	11.28	11.19		0
	50	25	11.30	11.31	11.34	11.23	1	0
	50	50	11.29	11.29	11.27	11.22	0-2	0
	100	0	11.27	11.32	11.29	11.24		0
	1	0	11.14	11.21	11.12	11.05		0
	1	50	11.09	11.28	11.07	11.01	0-2	0
	1	99	11.11	11.31	11.05	11.04		0
64QAM	50	0	11.33	11.24	11.28	11.26		0
	50	25	11.40	11.28	11.33	11.31	1	0
	50	50	11.39	11.30	11.29	11.32	0-3	0
	100	0	11.34	11.27	11.35	11.29		0
	1	0	11.42	11.24	11.33	11.28		0
l	1	50	11.41	11.31	11.30	11.32	† †	0
l	1	99	11.40	11.29	11.24	11.35	† †	0
256QAM	50	0	11.34	11.30	11.25	11.27	0-5	0
	50	25	11.42	11.32	11.34	11.31	1	0
	50	50	11.36	11.35	11.33	11.36	† †	0
ŀ	100	0	11.32	11.30	11.29	11.26	1 1	0

Table 8-46
LTE Band 48 Measured *Plimit* Antenna 2 - 20 MHz Bandwidth

		Juliu Ti	J INICASUIT	LTE Bar		ZU IVII IZ	Danuwiuu	
				20 MHz Bar				
					High Channel			
Modulation	RB Size	RB Offset	55340 (3560.0 MHz)	55773 (3603.3 MHz)	56207 (3646.7 MHz)	56640 (3690.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
				Conducted	Power [dBm]			
	1	0	12.20	12.20	12.37	12.31		0
	1	50	12.10	12.21	12.30	12.19	0	0
	1	99	12.14	12.38	12.23	12.22] [0
QPSK	50	0	12.26	12.32	12.42	12.30		0
	50	25	12.30	12.34	12.40	12.32	0-1	0
	50	50	12.28	12.33	12.39	12.34	0-1	0
	100	0	12.19	12.37	12.36	12.28	1 [0
	1	0	12.17	12.03	12.50	12.05		0
	1	50	12.11	12.01	12.47	11.99	0-1	0
	1	99	12.09	12.03	12.45	12.01	1 [0
16QAM	50	0	12.20	12.06	12.25	12.01		0
	50	25	12.22	12.11	12.33	12.03	1 [0
	50	50	12.14	12.09	12.31	12.06	0-2	0
	100	0	12.17	12.14	12.29	12.01	1 [0
	1	0	12.01	12.07	12.16	11.90		0
	1	50	11.94	12.05	12.11	11.85	0-2	0
	1	99	11.93	12.13	12.09	11.84	1	0
64QAM	50	0	12.17	12.06	12.33	12.05		0
	50	25	12.22	12.10	12.44	12.01	1	0
	50	50	12.19	12.13	12.37	12.06	0-3	0
	100	0	12.21	12.08	12.35	12.07	1	0
	1	0	12.18	12.21	12.32	12.07		0
	1	50	12.20	12.20	12.28	12.09	1 1	0
	1	99	12.16	12.23	12.23	12.06	1 1	0
256QAM	50	0	12.17	12.12	12.27	12.09	0-5	0
	50	25	12.29	12.16	12.25	12.04	1	0
	50	50	12.24	12.18	12.28	12.11	1	0
	100	0	12.21	12.13	12.26	12.03	1 1	0

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Table 8-47 LTE Band 48 Measured Plimit Antenna 3a - 20 MHz Bandwidth

		anu 40	ivicasure			- 20 11172	Bandwidt	11
				LTE Bar 20 MHz Bai				
			Low Channel		Mid-High Channel	High Channel		
Modulation	RB Size	RB Offset	RB Offset 55340 55773 56207 56640 (3560.0 MHz) (3603.3 MHz) (3646.7 MHz) (3690.0 MHz)		MPR Allowed per 3GPP [dB]	MPR [dB]		
				Conducted	Power [dBm]			
	1	0	11.32	11.38	11.33	11.31		0
	1	50	11.33	11.22	11.26	11.24	0	0
	1	99	11.30	11.26	11.28	11.20		0
QPSK	50	0	11.48	11.44	11.37	11.36		0
	50	25	11.53	11.46	11.46	11.37	0-1	0
	50	50	11.47	11.41	11.45	11.38	υ-1	0
	100	0	11.35	11.37	11.34	11.30]	0
	1	0	11.43	11.35	11.12	11.36		0
16QAM	1	50	11.35	11.31	11.08	11.28	0-1	0
	1	99	11.37	11.34	11.09	11.24]	0
	50	0	11.25	11.16	11.14	11.10		0
	50	25	11.24	11.19	11.16	11.05	0-2	0
	50	50	11.20	11.17	11.19	11.08	0-2	0
	100	0	11.22	11.20	11.14	11.04	1	0
	1	0	11.29	11.24	11.00	11.16		0
	1	50	11.25	11.18	10.99	11.14	0-2	0
	1	99	11.25	11.23	11.03	11.09	1	0
64QAM	50	0	11.22	11.21	11.24	11.13		0
	50	25	11.26	11.23	11.24	11.08	0-3	0
	50	50	11.27	11.20	11.27	11.14	0-3	0
	100	0	11.25	11.22	11.18	11.09]	0
	1	0	11.36	11.21	11.14	11.33		0
	1	50	11.32	11.17	11.09	11.32]	0
	1	99	11.35	11.19	11.13	11.30	1	0
256QAM	50	0	11.32	11.24	11.11	11.24	0-5	0
	50	25	11.36	11.27	11.14	11.27	1	0
	50	50	11.31	11.23	11.16	11.29]	0
	100	0	11.27	11.21	11.06	11.18	1	0

Table 8-48 LTE Band 48 Measured Plimit Antenna 4 - 20 MHz Bandwidth

		Junu 70	, measure	LTE Ban		20 1911 12	Danuwiuu	<u> </u>
				20 MHz Bar				
			Low Channel	Low-Mid Channel	Mid-High Channel	High Channel		
Modulation	RB Size	RB Offset	RB Offset 55340 55773 56207 56640 (3560.0 MHz) (3603.3 MHz) (3646.7 MHz) (3690.0 MHz)			MPR Allowed per 3GPP [dB]	MPR [dB]	
				Conducted	Power [dBm]			
	1	0	10.32	10.14	10.28	10.05		0
	1	50	10.16	10.16	10.25	9.97	0	0
	1	99	10.21	10.22	10.22	9.97	1	0
QPSK	50	0	10.37	10.32	10.38	10.12		0
	50	25	10.38	10.41	10.37	10.05	0-1	0
	50	50	10.42	10.35	10.32	10.07] 0-1	0
	100	0	10.28	10.10	10.12	10.03		0
	1	0	10.45	10.32	10.42	10.18		0
	1	50	10.40	10.29	10.31	10.12	0-1	0
	1	99	10.37	10.30	10.26	10.10		0
16QAM	50	0	10.51	10.42	10.45	10.19		0
	50	25	10.55	10.44	10.46	10.25	0-2	0
	50	50	10.47	10.37	10.41	10.26	0-2	0
	100	0	10.51	10.41	10.40	10.23		0
	1	0	10.27	10.20	10.33	10.24		0
	1	50	10.29	10.22	10.20	10.22	0-2	0
	1	99	10.28	10.23	10.15	10.25		0
64QAM	50	0	10.47	10.45	10.44	10.23		0
	50	25	10.49	10.50	10.46	10.24	1 ,,	0
	50	50	10.47	10.47	10.40	10.21	0-3	0
	100	0	10.50	10.46	10.47	10.18	1	0
	1	0	10.46	10.44	10.50	10.24		0
	1	50	10.48	10.47	10.36	10.22		0
	1	99	10.45	10.46	10.34	10.23		0
256QAM	50	0	10.53	10.45	10.44	10.18	0-5	0
	50	25	10.52	10.49	10.47	10.23	1 1	0
	50	50	10.51	10.45	10.38	10.24	1	0
	100	0	10.42	10.41	10.35	10.17	1	0

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8.2.14 LTE Uplink Carrier Aggregation Conducted Powers

Table 8-49 LTE Uplink Carrier Aggregation Measured P_{limit} – Antenna 1a

				_ _			<u>, , , , , , , , , , , , , , , , , , , </u>	99411	•	aoa. oa	• ''''	,		_		
PCC								SCC					Power			
Combination	PCC Band	PCC Bandwidth [MHz]	PCC (UL/DL) Channel	PCC (UL/DL) Frequency [MHz]	Modulation	PCC UL# RB	PCC UL RB Offset	SCC Band	SCC Bandwidth [MHz]	SCC (UL/DL)	SCC (UL/DL) Frequency [MHz]	Modulation	SCC UL# RB	SCC UL RB Offset	LTE Tx.Power with UL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_48C	LTE B48	20	55340	3560.0	QPSK	100	0	LTE B48	20	55538	3579.8	QPSK	100	0	11.07	11.39

Table 8-50
LTE Uplink Carrier Aggregation Measured Plimit – Antenna 1b

	LTE Oplink Carrier Aggregation Measured Plimit – Antenna 10																					
					PCC										SCC						Power	
Combination	PCC Band	PCC Bandwidt [MHz]	PCC (UL) Channel	PCC (UL) Frequency [MHz]	PCC DL Channel	PCC DL Frequency [MHz]	Modulation	PCC UL# RB	PCC UL RB Offse	SCC Band	SCC Bandwidt [MHz]	SCC (U Chann	L) Freq		SCC (DL) Channel	SCC (DL) Frequency [MHz]	Modulatio	SCC UL#	SCC L RB Off:		Power with UL CA abled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_66C	LTE B66	20	132572	1770.0	67036	2170.0	QPSK	50	0	LTE B66	20	13237		750.2	66838	2150.2	QPSK	50	50		11.22	11.31
CA_66B	LTE B66	10	132622	1775.0	67086	2175.0	QPSK	25	0	LTE B66	10	13252	13 17	765.1	66987	2165.1	QPSK	25	25		11.25	11.33
					PCC										SCC						Power	
Combination	PCC P Band	CC Bandwidt [MHz]	th PCC UL Channel	PCC UL Frequency [MHz]	PCC DL Channel	PCC DL Frequency [MHz]	Modulation	PCC UL	PCC UL		SCC Bandwid [MHz]	th SCC UI	Fre	CC UL quency MHz]	SCC DL Channel	SCC DI Frequen [MHz]	cy Mod	ulation	CC UL#	SCC UL RB L Offset	TE Tx.Power with L CA Enabled (dBm)	JL Carrier Tx Power (dBm)
CA_7C	LTE B7	20	21100	2535.0	3100	2655.0	QPSK	50	0	LTE B7	20	20902	2!	515.2	2902	2635.2	2 0	QPSK .	50	50	12.19	12.04
					PCC									SCC						Power		
Combination	n PCC I		PCC ndwidth [MHz]	PCC (UL/DL) Channel	PCC (UL/DL) Frequency [MHz]	Modulati	ion PCC U		C UL Offset	CC Band	SCC Bandwid [MHz]	SCO th (UL/I Chan	DL) Fre	C (UL/DL) equency [MHz]	(ation SCC	: UL# RB	SCC UL F Offset		Tx.Powe Enabled	r with UL CA	LTE Single Carrier Tx Power (dBm)
CA_41C	LTE	B41	20	41490	2680	QPSK	100)	0	LTE B41	20	4129	92 2	2660.2	QPS	K	100	0		13.	32	13.39
					PCC									SCC							Power	
Combination	PCC	Band	PCC Bandwidth [MHz]	PCC (UL/DL) Channel	PCC (UL/DL) Frequency [MHz]	Modulat	etion PCC U			SCC Ban		SCC ndwidth [MHz]	SCC (UL/DL) Channe		ency Mo	odulation	SCC UL# F	SCC U				LTE Single Carrier Tx Power (dBm)
CA_41C	LTE E	41 PC2	20	41490	2680	QPSK	100) ()	LTE B41 F	PC2	20	41292	2660	0.2	QPSK	100	0		1	5.18	14.83

Table 8-51 LTE Uplink Carrier Aggregation Measured P*⊪imi*t – Antenna 2

Combination PCC Band width PCC Band width PCC UL PCC UL Frequency [MHz] PCC UL Frequency PCC UL Frequency PCC UL Frequency PCC UL Frequency [MHz] PCC UL Frequency PCC UL RB Offset PCC UL PCC UL PCC UL RB Offset PCC UL PCC UL PCC UL PCC UL PCC UL RB Offset PCC UL PCC U	LTE Single JL CA Carrier Tx
Combination PCC Band width PCC Ban	Power LTE Single th UL Carrier CA Tx Power abled (dBm) lBm) 6.89 16.41 er LTE Single Carrier Tx
PCC PCC PCC Bandwidth PCC Bandwidth PCC Club Frequency Channel Frequency Channel Frequency Channel Frequency Channel Chann	LTE Single UL CA Carrier Tx
Combination PCC Band Bandwidth PCC Bandwidth PCC UI PCC UI PCC UI PCC UI PCC UI Frequency Modulation PCC UI RB BOffset Channel PCC UI RB Channel PCC UI RB Channel PCC UI RB Channel PCC UI PCC UI RB Channel PCC UI RB Channel PCC UI PCC UI RB Channel PCC UI RB Channel PCC UI PCC	LTE Single JL CA Carrier Tx
	(dBm)
	13.27
CA_66B LTE B66 10 132022 1715.0 66486 2115.0 QPSK 25 25 LTE B66 10 132121 1724.9 66585 2124.9 QPSK 25 0 13.06	13.15
PCC SCC	Power
Combination PCC Bandwidth PCC UL Frequency [Mitz] PCC UL Frequency [Mitz] PCC UL Frequency [Mitz] PCC UL RB (Mitz) PCC UL RB	
CA_7C LTE B7 20 21350 2560.0 3350 2680.0 QPSK 1 0 LTE B7 20 21152 2540.2 3152 2660.2 QPSK 1 99 11.58	11.34
PCC SCC Power	
Combination PCC Band Width [MHz] PCC Bandwidth [MHz] PCC Bandwidth [MHz] PCC UL# RB PCC (UL/DL) Frequency [MHz] PCC UL# RB Offset PCC (UL/DL) Frequency [MHz] PCC UL# RB Offset PCC (UL/DL) Frequency [MHz] PCC UL# RB Offset PCC UL# RB UL# PCC UL# RB Offset PCC UL# RB UL# PCC UL	LTE Single CA Carrier Tx Power (dBm) 13.15
	13.15
Combination PCC Band Midth [MHz] Channel [MHz] Channel [MHz] PCC Utth [MHz] Channel PCC Utth [MHz] SCC Band Midth [MHz] Channel [MHz] Channel PCC Utth [MHz] Cha	Power (dBm)
CA_41C LTE B41 PC2 20 41490 2680.0 QPSK 50 0 LTE B41 PC2 20 41292 2660.2 QPSK 50 50 14.92	14.92
PCC SCC Power	
PCC PCC PCC (UL/DL) PCC UL# PCC UL SCC SCC (UL/DL) SCC (UL/DL) SCC UL RB LTE TX.Power with UL (UL/DL) SCC UL RB UL (UL/DL) SCC UL (UL/DL) SCC UL (UL/DL) SCC UL (UL/DL)	LTE Single CA Carrier Tx Power
Combination PCC Band Bandwidth [MHz] Channel Frequency [MHz] Channel Frequency [MHz] Channel Frequency [MHz] PCC ULF RB Offset SCC Band RB Graduation RB RB Offset SCC Band Bandwidth [MHz] SCC ULF RB SCC ULF RB Offset Frequency [MHz] SCC ULF RB	(dBm)

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Table 8-52 LTE Uplink Carrier Aggregation Measured Plimit - Antenna 3a

_						• •			- 9	•	<u> </u>				-		
					PCC							SCC				Power	
	Combination	PCC Band	PCC Bandwidth [MHz]	PCC (UL/DL) Channel	PCC (UL/DL) Frequency [MHz]	Modulation	PCC UL# RB	PCC UL RB Offset	SCC Band	SCC Bandwidth [MHz]	SCC (UL/DL) Channel	SCC (UL/DL) Frequency [MHz]		SCC UL# RB	SCC UL RB Offset	LTE Tx.Power with UL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
	CA_48C	LTE B48	20	55340	3560.0	QPSK	50	50	LTE B48	20	55538	3579.8	QPSK	50	0	11.16	11.47

Table 8-53

LTE Uplink Carrier Aggregation Measured Plimit - Antenna 3b

	LTE Opinik Carrier Aggregation Measured Plimit – Antenna 30																					
					PCC										SCC						Power	
Combination	PCC Band	PCC Bandwidt [MHz]	PCC (UL) Channel	PCC (UL) Frequency [MHz]	PCC DL Channel	PCC DL Frequency [MHz]	Modulation	PCC UL# RB	PCC UL RB Offset	ISCC Band	SCC Bandwid [MHz]	Chang	oel Fr		SCC (DL) Channel	SCC (DL) Frequency [MHz]	Modulati	on SCC L			x.Power with UL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_66C	LTE B66	20	132322	1745.0	66786	2145.0	QPSK	1	0	LTE B66	20	1321	24	1725.2	66588	2125.2	QPSK	1	9	9	11.80	11.69
CA_66B	LTE B66	10	132322	1745.0	66786	2145.0	QPSK	1	0	LTE B66	10	1322	23	1735.1	66687	2135.1	QPSK	1	4	9	11.61	11.65
	PCC SCC							Powe														
Combination	PCC PC Band	CC Bandwidt [MHz]	h PCC UL Channel	PCC UL Frequency [MHz]	PCC DL Channel	PCC DL Frequency [MHz]	Modulation	PCC UL#	PCC UL RB Offset	SCC Band	SCC Bandwi	dth SCC U Chann	ᄔᆝᅣ	SCC UL Frequency [MHz]	SCC DL Channel	SCC D Frequer [MHz	ncy Mo	dulation	SCC UL#	SCC UL RB Offset	LTE Tx.Power with	
CA_7C	LTE B7	20	21350	2560.0	3350	2680.0	QPSK	50	0	LTE B7	20	2115	2	2540.2	3152	2660.	2	QPSK	50	50	13.59	13.52
					PCC					SCC Power												
Combination	n PCC B		PCC ndwidth [MHz]	PCC (UL/DL) Channel	PCC (UL/DL) Frequency [MHz]	Modulatio	on PCC U		C UL offset	CC Band	SCC Bandwid [MHz]	-	DL) F	CC (UL/DL Frequency [MHz]	*	ation SC	C UL# RB	SCC UL Offse				LTE Single Carrier Tx Power (dBm)
CA 41C	LTE E	341	20	41490	2680.0	QPSK	1	() L	TE B41	20	412	92	2660.2	QP:	SK .	1	99		1	4.25	14.25
					PCC									SCC							Power	
Combination	PCC	Band	PCC Bandwidth [MHz]	PCC (UL/DL) Channel	PCC (UL/DL) Frequency [MHz]	Modulati	ion PCC U	L# PCC RB Of		SCC Ban	id Ba	SCC andwidth [MHz]	SCC (UL/D Chann	OL) Frequ	iency M	odulation	SCC UL#	RR	UL RB ffset		wer with UL CA bled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_41C	LTE B	41 PC2	20	41490	2680.0	QPSK	1	0	1	LTE B41 P	C2	20	4129	92 266	0.2	QPSK	1		99		15.96	15.92

Table 8-54

LTE Uplink Carrier Aggregation Measured Plimit - Antenna 4

	LTE Oplilik Carrier Aggregati								jutic														
						PCC										S	c						wer
Combination	PCC Ba	nd Ban	PCC dwidth VHz]	PCC UI Channe	l Frequer	ncy PCC D		ncy Modula			PCC UL RB Offset	SCC Band	SCC Bandwidth [MHz]	SCC U		ncy SCC	DL Fr	SCC DL requency [MHz]	Modulatio n	SCC UL# I	SCC UL RB Offset		r LTE Single Carrier Tx Power (dBm)
CA_5B	LTE B	5	10	20525	836.5	2525	881.5	G QPSI	K	50	0	LTE B5	5	20453	829.3	245	3	874.3	QPSK	25	0	17.66	17.50
						PCC									SC	С						Power	
Combination	PCC Bane	[MH	vidth Cl	C (UL)	PCC (UL) Frequency [MHz]	PCC DL Channel	PCC DL Frequency [MHz]	Modulation	PCC UL#	PCC UL RB Offse	t	SCC Bandwid	Chann	Frequent [M	uency IHz] Ch	annel Fre	CC (DL) equency MHz]	Modulatio n	SCC UL#	SCC UL RB Offset	LTE Tx.Power v Enabled (ith UL CA	LTE Single Carrier Tx Power (dBm)
CA_66C	LTE B66			32572	1770.0	67036	2170.0	QPSK	50	0	LTE B6		13237				150.2	QPSK	50	50	13.11		13.47
CA_66B	LTE B66	10) 1	32622	1775.0	67086	2175.0	QPSK	25	0	LTE B6	6 10	13252	3 176	55.1 6		165.1	QPSK	25	25	13.12		13.38
Combination	PCC Band	PCC Bandv [MHz]		C UL	PCC UL Frequency [MHz]	PCC DL Channel	PCC DL Frequency [MHz]	Modulation	PCC UL#	PCC UL RB Offset	SCC t Band	SCC Bandwidth [MHz]	SCC UL Channel	Freq		SCC DL Channel	SCC DL Frequenc [MHz]	cy Mod		C UL# SCC RB Of		Power wer with UL bled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_7C	LTE B7	20	2:	100	2535.0	3100	2655.0	QPSK	1	99	LTE B7	20	21298	25	54.8	3298	2674.8	O.	PSK	1) 1	1.14	11.57
						PCC									SCC						Pov	ver	
Combination	PCC	Band	PCC Bandwid [MHz	ith c	C (1111 /D1)	PCC (UL/DL) Frequency [MHz]	Modulation	on PCC UL	# PCC RB O		CC Band	SCC Bandwid		DL) Fre	SCC JL/DL) quency MHz]	Modulatio	n SCC	UL# RB	SCC UL RE Offset		Power with nabled (dBm	UL CA C	TE Single arrier Tx Power (dBm)
CA_41C	LTE	B41	20		40620	2593.0	QPSK	1	C)	LTE B41	20	4042	22 2	573.2	QPSK		1	99		13.74		13.93
						PCC									scc						Po	wer	
Combination		C Band	Band [N	width Hz]	PCC (UL/DL) Channel	Frequency [MHz]	Modulati	on PCC UL#	RB Off	fset	SCC Ba			SCC (UL/DL) Channel	[MHz]	cy		SCC UL# F	Offse		x.Power witl Enabled (dBi	UL CA	LTE Single Carrier Tx Power (dBm)
CA_41C	LTE	B41 PC2	2	:0	40620	2593.0	QPSK	1	0		LTE B41	PC2	20	40422	2573.2	. QF	SK	1	99		15.85		15.27
						PCC									SCC						Po	wer	
Combination	PCC	Band I	PCC Bandwid [MHz]			CC (UL/DL) requency [MHz]	Modulation	PCC UL#	PCC U		Band	SCC Bandwidth [MHz]	SCC (U		SCC (UL/DL) Frequency [MHz]	Modula n	tio sco	C UL# RB	SCC UL R Offset		.Power with nabled (dBm	UL CA C	TE Single arrier Tx Power (dBm)
CA_48C	LTE	B48	20	į	55773	3603.3	QPSK	50	50	LT	E B48	20	559	71	3623.1	QPSk	:	50	0		10.93		10.35

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Notes:

- 1. This device supports uplink carrier aggregation for LTE CA_7C, LTE CA_5B, LTE CA_66C, LTE CA_66B, LTE CA_41C and LTE CA_48C with a maximum of two component carriers. For intra-band contiguous carrier aggregation scenarios, 3GPP 36.101 Table 6.2.2A-1 specifies that the aggregate maximum allowed output power is equivalent to the single carrier scenario. 3GPP 36.101 6.2.3A allows for several dB of MPR to be applied when non-contiguous RB allocation is implemented. The conducted powers and MPR settings in this device are permanently implemented per the above 3GPP requirements.
- 2. Per FCC Guidance, the output power with uplink CA active was measured for the configuration with the highest reported SAR with single carrier for each exposure condition. The power was measured with wideband signal integration over both component carriers.



Figure 8-2
Power Measurement Setup

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8.3 NR Plimit Conducted Powers

Note: Per October 2020 TCB Workshop Guidance, NR FR1 SAR evaluations are being generally based on adapting the existing LTE SAR procedures (FCC KDB Publication 941225 D05v02r05). Therefore, NR SAR for the lower bandwidths was not required for testing based on the measured output power and the reported NR SAR for the highest bandwidth. Lower bandwidth conducted powers for all NR bands can be found in appendix I.

8.3.1 NR Band n71 Table 8-55

NR Band n71 Measured *Plimit* Antenna 2 - 20 MHz Bandwidth

NR Band 1171 Measured Primit Antenna 2 - 20 MHz Bandwidth NR Band n71 20 MHz Bandwidth										
			Channel							
Modulation	RB Size	RB Offset	136100 (680.5 MHz)	MPR Allowed per 3GPP	MPR [dB]					
			Conducted Power [dBm]	[dB]						
	1	1	17.54		0.0					
	1	53	17.35	0	0.0					
DET a OEDM	1	104	17.31		0.0					
DFT-s-OFDM π/2 BPSK	50	0	17.44	0-0.5	0.0					
M 2 DI SK	50	28	17.26	0	0.0					
	50	56	17.24	0-0.5	0.0					
	100	0	17.25	0-0.5	0.0					
	1	1	17.42		0.0					
	1	53	17.25	0	0.0					
DFT-s-OFDM	1	104	17.10		0.0					
QPSK	50	0	17.46	0-1	0.0					
QI OIL	50	28	17.28	0	0.0					
	50	56	17.21	0-1	0.0					
	100	0	17.27	0-1	0.0					
DFT-s-OFDM 16QAM	1	1	17.42	0-1	0.0					
CP-OFDM QPSK	1	1	17.33	0-1.5	0.0					

Note: NR Band n71 at 20 MHz Bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table 8-56
NR Band n71 Measured *Plimit* Antenna 4 - 20 MHz Bandwidth

NR Band n71										
		20 MHz Ban								
			Channel							
Modulation	RB Size	RB Offset	136100 (680.5 MHz)	MPR Allowed per 3GPP	MPR [dB]					
			Conducted Power [dBm]	[dB]						
	1	1	19.40		0.0					
	1	53	19.34	0	0.0					
DFT-s-OFDM	1	104	19.30		0.0					
π/2 BPSK	50	0	19.29	0-0.5	0.0					
M 2 DI SK	50	28	19.25	0	0.0					
	50	56	19.16	0-0.5	0.0					
	100	0	19.26	0-0.5	0.0					
	1	1	19.27		0.0					
	1	53	19.23	0	0.0					
DET - OFDM	1	104	19.24		0.0					
DFT-s-OFDM QPSK	50	0	19.30	0-1	0.0					
QI OIL	50	28	19.28	0	0.0					
	50	56	19.26	0-1	0.0					
	100	0	19.25	0-1	0.0					
DFT-s-OFDM 16QAM	1	1	19.22	0-1	0.0					
CP-OFDM QPSK	1	1	19.32	0-1.5	0.0					

Note: NR Band n71 at 20 MHz Bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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8.3.2 NR Band n12

Table 8-57
NR Band n12 Measured *Plimit* Antenna 2 - 15 MHz Bandwidth

NR Band n12 Measured Plimit Antenna 2 - 15 MHz Bandwidth NR Band n12										
		15 MHz Ban	dwidth							
			Channel							
Modulation	RB Size	RB Offset	141500 (707.5 MHz)	MPR Allowed per 3GPP	MPR [dB]					
			Conducted Power [dBm]	[dB]						
	1	1	18.12		0.0					
	1	40	18.03	0	0.0					
	1	77	17.89		0.0					
DFT-s-OFDM π/2 BPSK	36	0	18.09	0-0.5	0.0					
W Z BI SK	36	22	17.93	0	0.0					
	36	43	17.87	0-0.5	0.0					
	75	0	18.01	0-0.5	0.0					
	1	1	18.26		0.0					
	1	40	18.11	0	0.0					
DFT-s-OFDM	1	77	17.94		0.0					
QPSK	36	0	18.12	0	0.0					
QI OIL	36	22	18.05	0	0.0					
	36	43	17.95	0	0.0					
	75	0	18.04		0.0					
DFT-s-OFDM 16QAM	1	1	17.88	0-1	0.0					
CP-OFDM QPSK	1	1	18.24	0	0.0					

Note: NR Band n12 at 15 MHz Bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table 8-58 NR Band n12 Measured Plimit Antenna 4 - 15 MHz Bandwidth

NR Band 1112 Weasured Primit Afterna 4 - 13 Will Bandwidth										
		15 MHz Ban								
			Channel							
Modulation	RB Size	RB Offset	141500 (707.5 MHz)	MPR Allowed per 3GPP	MPR [dB]					
			Conducted Power [dBm]	[dB]						
	1	1	17.81		0.0					
	1	40	17.64	0	0.0					
DFT-s-OFDM	1	77	17.60		0.0					
π/2 BPSK	36	0	17.47	0-0.5	0.0					
W Z DI SK	36	22	17.45	0	0.0					
	36	43	17.48	0-0.5	0.0					
	75	0	17.47	0-0.5	0.0					
	1	1	17.74		0.0					
	1	40	17.60	0	0.0					
DET a OFDM	1	77	17.57		0.0					
DFT-s-OFDM QPSK	36	0	17.65	0-1	0.0					
QI OIX	36	22	17.52	0	0.0					
	36	43	17.50	0-1	0.0					
	75	0	17.56	0-1	0.0					
DFT-s-OFDM 16QAM	1	1	17.59	0-1	0.0					
CP-OFDM QPSK	1	1	17.63	0-1.5	0.0					

Note: NR Band n12 at 15 MHz Bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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8.3.3 NR Band n5

Table 8-59
NR Band n5 Measured *Plimit* Antenna 2 - 20 MHz Bandwidth

	NR Band n5 20 MHz Bandwidth					
			Channel			
Modulation	RB Size	RB Offset	167300 (836.5 MHz)	MPR Allowed per 3GPP	MPR [dB]	
			Conducted Power [dBm]	[dB]		
	1	1	17.51	0	0.0	
	1	53	17.38		0.0	
DFT-s-OFDM	1	104	17.32		0.0	
π/2 BPSK	50	0	17.43	0-0.5	0.0	
M Z DI SIX	50	28	17.38	0	0.0	
	50	56	17.26	0-0.5	0.0	
	100	0	17.35		0.0	
	1	1	17.46	0	0.0	
	1	53	17.37		0.0	
DFT-s-OFDM	1	104	17.27		0.0	
QPSK	50	0	17.34	0-1	0.0	
QI OIL	50	28	17.33	0	0.0	
	50	56	17.27	0-1	0.0	
	100	0	17.29	U- I	0.0	
DFT-s-OFDM 16QAM	1	1	17.46	0-1	0.0	
CP-OFDM QPSK	1	1	17.29	0-1.5	0.0	

Note: NR Band n5 at 20 MHz Bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table 8-60
NR Band n5 Measured *Plimit* Antenna 4 - 20 MHz Bandwidth

NR Band n5					
		20 MHz Ban			
			Channel		
Modulation	RB Size	RB Offset	167300 (836.5 MHz)	MPR Allowed per 3GPP	MPR [dB]
			Conducted Power [dBm]	[dB]	
	1	1	17.43		0.0
	1	53	17.36	0	0.0
DFT-s-OFDM	1	104	17.24		0.0
π/2 BPSK	50	0	17.37	0-0.5	0.0
W Z DI SK	50	28	17.32	0	0.0
	50	56	17.30	0-0.5	0.0
	100	0	17.35		0.0
	1	1	17.34	0	0.0
	1	53	17.40		0.0
DET - OEDM	1	104	17.32		0.0
DFT-s-OFDM QPSK	50	0	17.44	0-1	0.0
QI OIL	50	28	17.34	0	0.0
	50	56	17.23	0-1	0.0
	100	0	17.39] 0-1	0.0
DFT-s-OFDM 16QAM	1	1	17.31	0-1	0.0
CP-OFDM QPSK	1	1	17.60	0-1.5	0.0

Note: NR Band n5 at 20 MHz Bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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8.3.4 NR Band n66

Table 8-61
NR Band n66 Measured *Plimit* Antenna 1b - 40 MHz Bandwidth

NR Band nee Measured <i>Plimit</i> Antenna 1b - 40 MHz Bandwidth NR Band n66							
	40 MHz Bandwidth						
			Channel				
Modulation	RB Size	ze RB Offset	349000 (1745 MHz)	MPR Allowed per 3GPP	MPR [dB]		
			Conducted Power [dBm]	[dB]			
	1	1	11.24		0.0		
	1	108	11.17	0	0.0		
DET - OFDM	1	214	11.11		0.0		
DFT-s-OFDM π/2 BPSK	108	0	11.26	0-0.5	0.0		
W Z DI SK	108	54	11.17	0	0.0		
	108	108	11.15	0-0.5	0.0		
	216	0	11.19		0.0		
	1	1	11.37	0	0.0		
	1	108	11.25		0.0		
DET - OFDM	1	214	11.20		0.0		
DFT-s-OFDM QPSK	108	0	11.27	0-1	0.0		
QI OIX	108	54	11.16	0	0.0		
	108	108	11.20	0-1	0.0		
	216	0	11.18	U-1	0.0		
DFT-s-OFDM 16QAM	1	1	11.40	0-1	0.0		
CP-OFDM QPSK	1	1	11.37	0-1.5	0.0		

Note: NR Band n66 at 40 MHz Bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table 8-62
NR Band n66 Measured *Plimit* Antenna 2 - 40 MHz Bandwidth

NR Band n66					
		40 MHz Ban		1	
			Channel		
Modulation	RB Size	RB Offset	349000 (1745 MHz)	MPR Allowed per 3GPP	MPR [dB]
			Conducted Power [dBm]	[dB]	
	1	1	13.11		0.0
	1	108	12.97	0	0.0
	1	214	12.95		0.0
DFT-s-OFDM π/2 BPSK	108	0	13.12	0-0.5	0.0
M 2 DI SK	108	54	12.99	0	0.0
	108	108	12.98	0-0.5	0.0
	216	0	13.06		0.0
	1	1	13.16		0.0
	1	108	13.09	0	0.0
DFT-s-OFDM	1	214	13.05		0.0
QPSK	108	0	13.17	0-1	0.0
QI OIL	108	54	13.08	0	0.0
	108	108	13.04	0-1	0.0
	216	0	13.06		0.0
DFT-s-OFDM 16QAM	1	1	13.33	0-1	0.0
CP-OFDM QPSK	1	1	13.15	0-1.5	0.0

Note: NR Band n66 at 40 MHz Bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table 8-63 NR Band n66 Measured Plimit Antenna 3b - 40 MHz Bandwidth

NR Band n66					
		40 MHz Ban		1	
			Channel		
Modulation	RB Size	RB Offset	349000 (1745 MHz)	MPR Allowed per 3GPP	MPR [dB]
			Conducted Power [dBm]	[dB]	
	1	1	11.83		0.0
	1	108	11.72	0	0.0
DET - OFDM	1	214	11.75		0.0
DFT-s-OFDM π/2 BPSK	108	0	11.90	0-0.5	0.0
M 2 DI SK	108	54	11.71	0	0.0
	108	108	11.74	0-0.5	0.0
	216	0	11.78		0.0
	1	1	11.84	0	0.0
	1	108	11.74		0.0
	1	214	11.72		0.0
DFT-s-OFDM QPSK	108	0	11.89	0-1	0.0
QI OIX	108	54	11.71	0	0.0
	108	108	11.80	0-1	0.0
	216	0	11.79		0.0
DFT-s-OFDM 16QAM	1	1	12.00	0-1	0.0
CP-OFDM QPSK	1	1	11.79	0-1.5	0.0

Note: NR Band n66 at 40 MHz Bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table 8-64 NR Band n66 Measured Plimit Antenna 4 - 40 MHz Bandwidth

NR Band n66					
		40 MHz Ban			
			Channel		
Modulation	RB Size	RB Offset	349000 (1745 MHz)	MPR Allowed per 3GPP	MPR [dB]
			Conducted Power [dBm]	[dB]	
	1	1	13.45		0.0
	1	108	13.39	0	0.0
DET - OFDM	1	214	13.36		0.0
DFT-s-OFDM π/2 BPSK	108	0	13.49	0-0.5	0.0
M 2 DI SK	108	54	13.37	0	0.0
	108	108	13.35	0-0.5	0.0
	216	0	13.41		0.0
	1	1	13.50		0.0
	1	108	13.41	0	0.0
DET - OFDM	1	214	13.29] [0.0
DFT-s-OFDM QPSK	108	0	13.52	0-1	0.0
QI OIX	108	54	13.42	0	0.0
	108	108	13.37	0.1	0.0
	216	0	13.44	0-1	0.0
DFT-s-OFDM 16QAM	1	1	13.50	0-1	0.0
CP-OFDM QPSK	1	1	13.50	0-1.5	0.0

Note: NR Band n66 at 40 MHz Bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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8.3.5 NR Band n25

Table 8-65
NR Band n25 Measured Plimit Antenna 1b - 40 MHz Bandwidth

NR Band n25 40 MHz Bandwidth					
		40 WITZ Dall	Channel		
Modulation	RB Size	RB Offset	376500 (1882.5 MHz)	MPR Allowed per 3GPP	MPR [dB]
			Conducted Power [dBm]	[dB]	
	1	1	10.80		0.0
	1	108	10.62	0	0.0
DFT-s-OFDM	1	214	10.72		0.0
π/2 BPSK	108	0	10.67	0-0.5	0.0
W Z DI SK	108	54	10.64	0	0.0
	108	108	10.72	0-0.5	0.0
	216	0	10.70		0.0
	1	1	11.08		0.0
	1	108	10.68	0	0.0
DET - OFDM	1	214	10.71		0.0
DFT-s-OFDM QPSK	108	0	10.69	0-1	0.0
QI OIX	108	54	10.60	0	0.0
	108	108	10.60	0-1	0.0
	216	0	10.64		0.0
DFT-s-OFDM 16QAM	1	1	11.11	0-1	0.0
CP-OFDM QPSK	1	1	10.92	0-1.5	0.0

Note: NR Band n25 at 40 MHz Bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table 8-66
NR Band n25 Measured *Plimit* Antenna 2 – 40 MHz Bandwidth

NR Band n25							
	40 MHz Bandwidth						
			Channel				
Modulation	RB Size	RB Offset	376500 (1882.5 MHz)	MPR Allowed per 3GPP	MPR [dB]		
			Conducted Power [dBm]	[dB]			
	1	1	12.90		0.0		
	1	108	12.56	0	0.0		
DET - OFDM	1	214	12.90		0.0		
DFT-s-OFDM π/2 BPSK	108	0	12.72	0-0.5	0.0		
M 2 DI SK	108	54	12.68	0	0.0		
	108	108	12.81	0-0.5	0.0		
	216	0	12.72		0.0		
	1	1	12.96		0.0		
	1	108	12.63	0	0.0		
DET a OFDM	1	214	12.91		0.0		
DFT-s-OFDM QPSK	108	0	12.71	0-1	0.0		
QI OIL	108	54	12.66	0	0.0		
	108	108	12.86	0-1	0.0		
	216	0	12.75] 0-1 [0.0		
DFT-s-OFDM 16QAM	1	1	12.75	0-1	0.0		
CP-OFDM QPSK	1	1	12.98	0-1.5	0.0		

Note: NR Band n25 at 40 MHz Bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table 8-67
NR Band n25 Measured *Plimit* Antenna 3b - 40 MHz Bandwidth

NR Band n25					
		40 MHz Ban			
			Channel		
Modulation	RB Size	RB Offset	376500 (1882.5 MHz)	MPR Allowed per 3GPP	MPR [dB]
			Conducted Power [dBm]	[dB]	
	1	1	11.25		0.0
	1	108	11.00	0	0.0
DFT-s-OFDM	1	214	10.60		0.0
π/2 BPSK	108	0	11.13	0-0.5	0.0
W Z DI SK	108	54	11.10	0	0.0
	108	108	11.16	0-0.5	0.0
	216	0	11.12		0.0
	1	1	11.28		0.0
	1	108	11.17	0	0.0
DFT-s-OFDM	1	214	10.64		0.0
QPSK	108	0	11.20	0-1	0.0
QI OIL	108	54	11.10	0	0.0
	108	108	11.15	0-1	0.0
	216	0	11.14	0-1	0.0
DFT-s-OFDM 16QAM	1	1	11.08	0-1	0.0
CP-OFDM QPSK	1	1	11.29	0-1.5	0.0

Note: NR Band n25 at 40 MHz Bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table 8-68 NR Band n25 Measured Plimit Antenna 4 - 40 MHz Bandwidth

NR Band n25 40 MHz Bandwidth					
		40 MINZ Dan	Channel		
Modulation	RB Size	RB Offset	376500 (1882.5 MHz)	MPR Allowed per 3GPP	MPR [dB]
			Conducted Power [dBm]	[dB]	
	1	1	13.05	0	0.0
	1	108	12.85		0.0
DET a OFDM	1	214	13.08		0.0
DFT-s-OFDM π/2 BPSK	108	0	13.01	0-0.5	0.0
W Z DI SK	108	54	12.80	0	0.0
	108	108	12.91	0-0.5	0.0
	216	0	12.99		0.0
	1	1	13.24		0.0
	1	108	13.08	0	0.0
DET - OFDM	1	214	13.16		0.0
DFT-s-OFDM QPSK	108	0	13.16	0-1	0.0
QI SIX	108	54	13.08	0	0.0
	108	108	13.13	0-1	0.0
	216	0	13.12	0-1	0.0
DFT-s-OFDM 16QAM	1	1	13.12	0-1	0.0
CP-OFDM QPSK	1	1	13.20	0-1.5	0.0

Note: NR Band n25 at 40 MHz Bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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8.3.6 NR Band n30

Table 8-69
NR Band n30 Measured *Plimit* Antenna 1b - 10 MHz Bandwidth

NR Band n30 10 MHz Bandwidth					
		10 11112 5411	Channel		
Modulation	RB Size	RB Offset	462000 (2310 MHz)	MPR Allowed per 3GPP	MPR [dB]
			Conducted Power [dBm]	[dB]	
	1	1	11.93		0.0
	1	26	11.92	0	0.0
DET a OFDM	1	50	11.87		0.0
DFT-s-OFDM π/2 BPSK	25	0	11.81	0-0.5	0.0
W Z DI SK	25	14	11.78	0	0.0
	25	27	11.81	0-0.5	0.0
	50	0	11.83		0.0
	1	1	11.82		0.0
	1	26	11.76	0	0.0
DET - OFDM	1	50	11.86		0.0
DFT-s-OFDM QPSK	25	0	11.77	0-1	0.0
QI OIX	25	14	11.82	0	0.0
	25	27	11.87	0-1	0.0
	50	0	11.78	U-1	0.0
DFT-s-OFDM 16QAM	1	1	11.53	0-1	0.0
CP-OFDM QPSK	1	1	11.81	0-1.5	0.0

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Table 8-70
NR Band n30 Measured *Plimit* Antenna 2 - 10 MHz Bandwidth

NR Band n30					
		10 MHz Ban		1	
		T	Channel		
Modulation	RB Size	RB Offset	462000 (2310 MHz)	MPR Allowed per 3GPP	MPR [dB]
			Conducted Power [dBm]	[dB]	
	1	1	12.23		0.0
	1	26	12.10	0	0.0
DFT-s-OFDM	1	50	12.21		0.0
π/2 BPSK	25	0	12.22	0-0.5	0.0
W Z DI SK	25	14	12.16	0	0.0
	25	27	12.14	0-0.5	0.0
	50	0	12.13		0.0
	1	1	12.32		0.0
	1	26	12.15	0	0.0
DFT-s-OFDM	1	50	12.18		0.0
QPSK	25	0	12.14	0-1	0.0
QI OIL	25	14	12.25	0	0.0
	25	27	12.16	0-1	0.0
	50	0	12.22	0-1	0.0
DFT-s-OFDM 16QAM	1	1	11.80	0-1	0.0
CP-OFDM QPSK	1	1	12.27	0-1.5	0.0

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Table 8-71
NR Band n30 Measured *Plimit* Antenna 3b - 10 MHz Bandwidth

NR Band n30					
		10 MHz Ban		1	
		T	Channel		
Modulation	RB Size	RB Offset	462000 (2310 MHz)	MPR Allowed per 3GPP	MPR [dB]
			Conducted Power [dBm]	[dB]	
	1	1	13.43		0.0
	1	26	13.47	0	0.0
DFT-s-OFDM	1	50	13.39		0.0
π/2 BPSK	25	0	13.39	0-0.5	0.0
W Z DI SK	25	14	13.37	0	0.0
	25	27	13.39	0-0.5	0.0
	50	0	13.31		0.0
	1	1	13.35		0.0
	1	26	13.33	0	0.0
DET a OFDM	1	50	13.42		0.0
DFT-s-OFDM QPSK	25	0	13.37	0-1	0.0
QI OIL	25	14	13.35	0	0.0
	25	27	13.41	0-1	0.0
	50	0	13.36	0-1	0.0
DFT-s-OFDM 16QAM	1	1	13.45	0-1	0.0
CP-OFDM QPSK	1	1	13.51	0-1.5	0.0

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Table 8-72
NR Band n30 Measured *Plimit* Antenna 4 - 10 MHz Bandwidth

NR Band n30					
		10 MHz Ban			
			Channel		
Modulation	RB Size	RB Offset	462000 (2310 MHz)	MPR Allowed per 3GPP	MPR [dB]
			Conducted Power [dBm]	[dB]	
	1	1	13.13		0.0
	1	26	13.27	0	0.0
DFT-s-OFDM	1	50	13.21		0.0
π/2 BPSK	25	0	13.24	0-0.5	0.0
W Z DI SK	25	14	13.25	0	0.0
	25	27	13.29	0-0.5	0.0
	50	0	13.28		0.0
	1	1	13.24		0.0
	1	26	13.34	0	0.0
DET a OFDM	1	50	13.31		0.0
DFT-s-OFDM QPSK	25	0	13.21	0-1	0.0
QI OIL	25	14	13.30	0	0.0
	25	27	13.23	0-1	0.0
	50	0	13.22	0-1	0.0
DFT-s-OFDM 16QAM	1	1	13.02	0-1	0.0
CP-OFDM QPSK	1	1	13.18	0-1.5	0.0

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8.3.7 NR Band n7

Table 8-73
NR Band n7 Measured *Plimit* Antenna 1b - 40 MHz Bandwidth

NR Band n7 Measured <i>Plimit</i> Antenna 1b - 40 MHz Bandwidth NR Band n7						
40 MHz Bandwidth						
			Channel			
Modulation	RB Size	RB Offset	507000 (2535 MHz)	MPR Allowed per 3GPP	MPR [dB]	
			Conducted Power [dBm]	[dB]		
	1	1	11.98	0	0.0	
	1	108	12.02		0.0	
DET a OFDM	1	214	11.94		0.0	
DFT-s-OFDM π/2 BPSK	108	0	12.03	0-0.5	0.0	
W Z DI SK	108	54	11.99	0	0.0	
	108	108	12.09	0-0.5	0.0	
	216	0	12.02		0.0	
	1	1	12.01		0.0	
	1	108	12.09	0	0.0	
DFT-s-OFDM	1	214	11.95		0.0	
QPSK	108	0	12.00	0-1	0.0	
QI OIX	108	54	12.07	0	0.0	
	108	108	12.11	0-1	0.0	
	216	0	12.06	U- I	0.0	
DFT-s-OFDM 16QAM	1	1	12.00	0-1	0.0	
CP-OFDM QPSK	1	1	11.92	0-1.5	0.0	

Note: NR Band n7 at 40 MHz Bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table 8-74
NR Band n7 Measured *Plimit* Antenna 2 - 40 MHz Bandwidth

NR Band n7							
	40 MHz Bandwidth						
			Channel				
Modulation	RB Size	RB Offset	507000 (2535 MHz)	MPR Allowed per 3GPP	MPR [dB]		
			Conducted Power [dBm]	[dB]			
	1	1	11.28		0.0		
	1	108	11.28	0	0.0		
DET a OFDM	1	214	11.35		0.0		
DFT-s-OFDM π/2 BPSK	108	0	11.31	0-0.5	0.0		
M 2 DI SK	108	54	11.22	0	0.0		
	108	108	11.32	0-0.5	0.0		
	216	0	11.20		0.0		
	1	1	11.42		0.0		
	1	108	11.33	0	0.0		
DET - OFDM	1	214	11.40		0.0		
DFT-s-OFDM QPSK	108	0	11.23	0-1	0.0		
QI OIL	108	54	11.19	0	0.0		
	108	108	11.28	0.1	0.0		
	216	0	11.25	0-1	0.0		
DFT-s-OFDM 16QAM	1	1	11.35	0-1	0.0		
CP-OFDM QPSK	1	1	11.39	0-1.5	0.0		

Note: NR Band n7 at 40 MHz Bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table 8-75
NR Band n7 Measured *Plimit* Antenna 3b - 40 MHz Bandwidth

NR Band II7 Measured Plinit Afternia 35 - 40 MHz Bandwidth NR Band n7 40 MHz Bandwidth					
		40 MINZ Dall	Channel		
Modulation	RB Size	RB Offset	507000 (2535 MHz)	MPR Allowed per 3GPP	MPR [dB]
			Conducted Power [dBm]	[dB]	
	1	1	13.38		0.0
	1	108	13.41	0	0.0
DFT-s-OFDM	1	214	13.24		0.0
DF 1-S-OFDINI π/2 BPSK	108	0	13.43	0-0.5	0.0
M/2 BI SIX	108	54	13.35	0	0.0
	108	108	13.30	0-0.5	0.0
	216	0	13.40		0.0
	1	1	13.35		0.0
	1	108	13.39	0	0.0
DET - OEDM	1	214	13.20		0.0
DFT-s-OFDM QPSK	108	0	13.36	0-1	0.0
QI OIL	108	54	13.37	0	0.0
	108	108	13.27	0-1	0.0
	216	0	13.36	U-1	0.0
DFT-s-OFDM 16QAM	1	1	13.37	0-1	0.0
CP-OFDM QPSK	1	1	13.38	0-1.5	0.0

Note: NR n7 at 40 MHz Bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table 8-76
NR Band n7 Measured *Plimit* Antenna 4 - 40 MHz Bandwidth

NR Band n7							
40 MHz Bandwidth							
			Channel				
Modulation	RB Size	RB Offset	507000 (2535 MHz)	MPR Allowed per 3GPP	MPR [dB]		
			Conducted Power [dBm]	[dB]			
	1	1	11.80		0.0		
	1	108	11.74	0	0.0		
DET a OFDM	1	214	11.81		0.0		
DFT-s-OFDM π/2 BPSK	108	0	11.85	0-0.5	0.0		
M 2 DI SK	108	54	11.75	0	0.0		
	108	108	11.71	0-0.5	0.0		
	216	0	11.79		0.0		
	1	1	11.88		0.0		
	1	108	11.81	0	0.0		
DET - OFDM	1	214	11.89		0.0		
DFT-s-OFDM QPSK	108	0	11.87	0-1	0.0		
QI OIL	108	54	11.81	0	0.0		
	108	108	11.77	0.1	0.0		
	216	0	11.80	0-1	0.0		
DFT-s-OFDM 16QAM	1	1	11.92	0-1	0.0		
CP-OFDM QPSK	1	1	11.67	0-1.5	0.0		

Note: NR n7 at 40 MHz Bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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8.3.8 NR Band n41 PC2

Table 8-77
NR Band n41 PC2 Measured *Plimit* Antenna 1b - 100 MHz Bandwidth

NR Band 1141 PC2 Measured Plimit Antenna 15 - 100 MH2 Bandwidth NR Band n41 100 MHz Bandwidth								
			Channel					
Modulation	RB Size	RB Offset	518598 (2592.99 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]			
			Conducted Power [dBm]					
	1	1	11.41	0	0.0			
DFT-s-OFDM π/2 BPSK	1	137	11.35		0.0			
	1	271	11.30		0.0			
	135	0	11.34	0-0.5	0.0			
	135	69	11.32	0	0.0			
	135	138	11.35	0-0.5	0.0			
	270	0	11.37		0.0			
	1	1	11.40	0	0.0			
DFT-s-OFDM QPSK	1	137	11.41		0.0			
	1	271	11.30		0.0			
	135	0	11.29	0-1	0.0			
	135	69	11.26	0	0.0			
	135	138	11.31	0-1	0.0			
	270	0	11.30		0.0			
DFT-s-OFDM 16QAM	1	1	11.60	0-1	0.0			
CP-OFDM QPSK	1	1	11.34	0-1.5	0.0			

Note: NR n41 PC2 at 100 MHz Bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table 8-78
NR Band n41 PC2 Measured *Plimit* Antenna 2 - 100 MHz Bandwidth

NR Band n41 100 MHz Bandwidth							
		100 Miliz Bai	Channel				
Modulation	RB Size RB Offset	RB Offset	518598 (2592.99 MHz)	MPR Allowed per 3GPP	MPR [dB]		
		Conducted Power [dBm]	[dB]				
	1	1	10.92		0.0		
	1	137	11.20	0	0.0		
DFT-s-OFDM	1	271	10.94		0.0		
π/2 BPSK	135	0	11.22	0-0.5	0.0		
M 2 DI SK	135	69	11.16	0	0.0		
	135	138	11.02	0-0.5	0.0		
	270	0	11.10		0.0		
	1	1	11.30		0.0		
	1	137	11.56	0	0.0		
DET - OEDM	1	271	11.31		0.0		
DFT-s-OFDM QPSK	135	0	11.49	0-1	0.0		
QI OIL	135	69	11.60	0	0.0		
	135	138	11.35	0-1	0.0		
	270	0	11.54	U-1	0.0		
DFT-s-OFDM 16QAM	1	1	11.20	0-1	0.0		
CP-OFDM QPSK	1	1	11.61	0-1.5			

Note: NR n41 PC2 at 100 MHz Bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table 8-79 NR Band n41 PC2 Measured Plimit Antenna 3b - 100 MHz Bandwidth

NR Band 1141 PC2 Measured Primit Afternia 35 - 100 MHz Bandwidth NR Band n41 100 MHz Bandwidth						
		TOO MILE BUT	Channel			
Modulation	RB Size RB Offset	PR Offset	518598 (2592.99 MHz)	MPR Allowed per 3GPP	MPR [dB]	
Woddiation		Conducted Power [dBm]	[dB]	Į,		
	1	1	13.56		0.0	
	1	137	13.51	0	0.0	
	1	271	13.35		0.0	
DFT-s-OFDM π/2 BPSK	135	0	13.51	0-0.5	0.0	
W Z DI SK	135	69	13.48	0	0.0	
	135	138	13.41	0-0.5	0.0	
	270	0	13.53		0.0	
	1	1	13.50		0.0	
	1	137	13.77	0	0.0	
	1	271	13.55		0.0	
DFT-s-OFDM QPSK	135	0	13.58	0-1	0.0	
QI OIL	135	69	13.63	0	0.0	
	135	138	13.50	0-1	0.0	
	270	0	13.60	0-1	0.0	
DFT-s-OFDM 16QAM	1	1	13.42	0-1	0.0	
CP-OFDM QPSK	1	1	13.60	0-1.5	0.0	

Note: NR n41 PC2 at 100 MHz Bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table 8-80 NR n41 Band PC2 Measured Plimit Antenna 4 - 100 MHz Bandwidth

NR Band n41					
		100 MHz Bar	dwidth		
			Channel		
Modulation	RB Size RB Offset	RR Offset	518598 (2592.99 MHz)	MPR Allowed per 3GPP	MPR [dB]
modulation		Conducted Power [dBm]	[dB]		
	1	1	11.34		0.0
DFT-s-OFDM π/2 BPSK	1	137	11.59	0	0.0
	1	271	11.23		0.0
	135	0	11.44	0-0.5	0.0
	135	69	11.48	0	0.0
	135	138	11.32	0-0.5	0.0
	270	0	11.38		0.0
	1	1	11.32		0.0
	1	137	11.51		0.0
DFT-s-OFDM	1	271	11.30		0.0
QPSK	135	0	11.36	0-1	0.0
QI OIX	135	69	11.40	0	0.0
	135	138	11.26	0-1	0.0
	270	0	11.20	U- I	0.0
DFT-s-OFDM 16QAM	1	1	11.42	0-1	0.0
CP-OFDM QPSK	1	1	11.38	0-1.5	0.0

Note: NR n41 PC2 at 100 MHz Bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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NR Band n77 DoD PC2 8.3.9

Table 8-81 NR Band n77 DoD PC2 Measured Plimit Antenna 1a - 100 MHz Bandwidth

NR Band n77 DoD PC2 Measured <i>Plimit</i> Antenna 1a - 100 MHz Bandwidth NR Band n77						
		100 MHz Bar				
			Channel			
Modulation	RB Size	RB Offset	633334 (3500.01 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]	
			Conducted Power [dBm]			
	1	1	9.47		0.0	
	1	137	9.46	o	0.0	
	1	271	9.44	i i	0.0	
DFT-s-OFDM	135	0	9.48	0-0.5	0.0	
π/2 BPSK	135	69	9.56	0	0.0	
	135	138	9.51	0-0.5	0.0	
	270	0	9.52		0.0	
	1	1	9.40		0.0	
	1	137	9.47	0	0.0	
	1	271	9.49		0.0	
DFT-s-OFDM QPSK	135	0	9.45	0-1	0.0	
GI OIL	135	69	9.51	0	0.0	
	135	138	9.53	0-1	0.0	
	270	0	9.48	0-1	0.0	
DFT-s-OFDM 16QAM	1	1	9.54	0-1	0.0	
CP-OFDM QPSK	1	1	9.37	0-1.5	0.0	

Note: NR n77 DoD PC2 at 100 MHz Bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table 8-82
NR Band n77 DoD PC2 Measured *Plimit* Antenna 2 - 100 MHz Bandwidth

NR Band n77					
		100 MHz Ban		, ,	
			Channel		
Modulation	RB Size	RB Offset	(3500.01 MHz) 3GPP [dB]	Allowed per 3GPP	MPR [dB]
			Power [dBm]		
	1	1	10.53		0.0
	1	137	10.62	0	0.0
DFT-s-OFDM	1	271	10.66		0.0
π/2 BPSK	135	0	10.45	0-0.5	0.0
W 2 DI SIK	135	69	10.50	0	0.0
	135	138	10.45	0-0.5	0.0
	270	0	10.52		0.0
	1	1	10.62		0.0
	1	137	10.65	0	0.0
DET OFFILE	1	271	10.63]	0.0
DFT-s-OFDM QPSK	135	0	10.61	0-1	0.0
QF3K	135	69	10.75	0	0.0
	135	138	10.69	0.4	0.0
	270	0	10.60	0-1	0.0
DFT-s-OFDM 16QAM	1	1	10.67	0-1	0.0
CP-OFDM QPSK	1	1	10.68	0-1.5	0.0

Note: NR n77 DoD PC2 at 100 MHz Bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table 8-83 NR Band n77 DoD PC2 Measured Plimit Antenna 3a - 100 MHz Bandwidth

NR Band 1177 Bob FG2 Measured Filmit Antenna 3a - 100 MF12 Bandwidth NR Band n77					
		100 MHz Bar			
			Channel		
Modulation	RB Size	RB Offset	633334 (3500.01 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]		
	1	1	9.90		0.0
	1	137	10.15	0	0.0
DET OFFILE	1	271	10.04		0.0
DFT-s-OFDM π/2 BPSK	135	0	9.98	0-0.5	0.0
M/2 DI SK	135	69	10.04	0	0.0
	135	138	10.08	0-0.5	0.0
	270	0	9.96		0.0
	1	1	9.81		0.0
	1	137	10.01	0	0.0
DET - OFDM	1	271	9.99		0.0
DFT-s-OFDM QPSK	135	0	9.96	0-1	0.0
QFSK	135	69	10.06	0	0.0
	135	138	10.08	0.1	0.0
	270	0	10.00	0-1	0.0
DFT-s-OFDM 16QAM	1	1	10.11	0-1	0.0
CP-OFDM QPSK	1	1	9.95	0-1.5	0.0

Note: NR n77 DoD PC2 at 100 MHz Bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table 8-84
NR Band n77 DoD PC2 Measured *Plimit* Antenna 4 - 100 MHz Bandwidth

NR Band n77								
	100 MHz Bandwidth							
			Channel					
Modulation	RB Size	RB Offset	633334 (3500.01 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]			
			Conducted					
	4	4	Power [dBm]		0.0			
	1	1	10.25		0.0			
	1	137	10.14	0	0.0			
DFT-s-OFDM	1	271	10.32		0.0			
$\pi/2$ BPSK	135	0	10.09	0-0.5	0.0			
	135	69	10.13	0	0.0			
	135	138	10.23	0-0.5	0.0			
	270	0	10.22	0-0.5	0.0			
	1	1	10.53		0.0			
	1	137	10.66	0	0.0			
DET OFFILE	1	271	10.73]	0.0			
DFT-s-OFDM QPSK	135	0	10.51	0-1	0.0			
QF3N	135	69	10.56	0	0.0			
	135	138	10.60	0.4	0.0			
	270	0	10.58	0-1	0.0			
DFT-s-OFDM 16QAM	1	1	10.64	0-1	0.0			
CP-OFDM QPSK	1	1	10.74	0-1.5	0.0			

Note: NR n77 DoD PC2 at 100 MHz Bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table 8-85
NR Band n77 C PC2 Measured *P_{limit}* Antenna 1a - 100 MHz Bandwidth

NR Band n77 100 MHz Bandwidth								
			Chan	nel	MPR			
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)	Allowed per 3GPP	MPR [dB]		
			Conducted P	ower [dBm]	[dB]			
	1	1	10.15	10.30		0.0		
	1	137	10.37	10.22	0	0.0		
DFT-s-OFDM	1	271	10.25	10.30	0-0.5	0.0		
π/2 BPSK	135	0	10.30	10.07		0.0		
W 2 DI SIC	135	69	10.26	10.10	0	0.0		
	135	138	10.16	10.22	0-0.5	0.0		
	270	0	10.24	10.15		0.0		
	1	1	10.28	10.31		0.0		
	1	137	10.25	10.12	0	0.0		
DFT-s-OFDM	1	271	10.21	10.29		0.0		
QPSK	135	0	10.30	10.31	0-1	0.0		
QI OIL	135	69	10.22	10.02	0	0.0		
	135	138	10.16	10.05	0-1	0.0		
	270	0	10.30	10.12		0.0		
DFT-s-OFDM 16QAM	1	1	10.19	10.26	0-1	0.0		
CP-OFDM QPSK	1	1	10.01	10.30	0-1.5	0.0		

Table 8-86
NR Band n77 C PC2 Measured *Plimit* Antenna 2 - 100 MHz Bandwidth

NR Band n77 100 MHz Bandwidth							
		100 11	Chan	nel	MPR		
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)	Allowed per 3GPP	MPR [dB]	
			Conducted P	ower [dBm]	[dB]		
	1	1	9.82	9.57		0.0	
	1	137	10.00	9.54	0	0.0	
DFT-s-OFDM	1	271	9.70	9.61		0.0	
DF1-S-OFDINI π/2 BPSK	135	0	9.80	9.50	0-0.5	0.0	
W Z BI SK	135	69	9.85	9.56	0	0.0	
	135	138	9.73	9.58	0-0.5	0.0	
	270	0	9.82	9.55	0-0.5	0.0	
	1	1	9.95	9.60		0.0	
	1	137	9.93	9.64	0	0.0	
DET - OFDM	1	271	9.85	9.61	[0.0	
DFT-s-OFDM QPSK	135	0	10.00	9.63	0-1	0.0	
QI OIL	135	69	9.98	9.61	0	0.0	
	135	138	9.73	9.64	0-1	0.0	
	270	0	9.90	9.66] '-' [0.0	
DFT-s-OFDM 16QAM	1	1	9.92	9.62	0-1	0.0	
CP-OFDM QPSK	1	1	9.99	9.97	0-1.5	0.0	

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Table 8-87
NR Band n77 C PC2 Measured Plimit Antenna 3a - 100 MHz Bandwidth

NR Band n77 100 MHz Bandwidth								
		100 N	Chan	nel				
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)	MPR Allowed per 3GPP	MPR [dB]		
			Conducted P	ower [dBm]	[dB]			
	1	1	10.75	10.76		0.0		
	1	137	10.93	10.56	0	0.0		
DET - OEDM	1	271	10.74	10.60		0.0		
DFT-s-OFDM π/2 BPSK	135	0	10.83	10.26	0-0.5	0.0		
n/2 bi sk	135	69	10.87	10.40	0	0.0		
	135	138	10.71	10.60	0-0.5	0.0		
	270	0	10.85	10.52	0-0.5	0.0		
	1	1	10.82	10.72		0.0		
	1	137	10.81	10.65	0	0.0		
DET - OEDM	1	271	10.74	10.66] [0.0		
DFT-s-OFDM QPSK	135	0	10.89	10.40	0-1	0.0		
QFSK	135	69	10.85	10.62	0	0.0		
	135	138	10.70	10.77	0-1	0.0		
	270	0	10.81	10.52] 0-1 [0.0		
DFT-s-OFDM 16QAM	1	1	10.45	10.72	0-1	0.0		
CP-OFDM QPSK	1	1	10.75	10.70	0-1.5	0.0		

Table 8-88
NR Band n77 C PC2 Measured Plimit Antenna 4 - 100 MHz Bandwidth

NR Band n77 100 MHz Bandwidth								
			Chan	nel	MPR			
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)	Allowed per 3GPP	MPR [dB]		
			Conducted P	ower [dBm]	[dB]			
	1	1	10.71	11.04		0.0		
	1	137	11.14	11.12	0	0.0		
DET a OEDM	1	271	11.28	11.15		0.0		
DFT-s-OFDM π/2 BPSK	135	0	10.91	11.06	0-0.5	0.0		
K/2 DI SIC	135	69	11.26	11.01	0	0.0		
	135	138	11.36	10.98	0-0.5	0.0		
	270	0	11.21	10.99	0-0.5	0.0		
	1	1	10.49	10.80		0.0		
	1	137	10.86	10.71	0	0.0		
DET - OFDM	1	271	11.03	10.84		0.0		
DFT-s-OFDM QPSK	135	0	10.67	10.82	0-1	0.0		
QI OIL	135	69	10.84	10.81	0	0.0		
	135	138	11.04	10.85	0-1	0.0		
	270	0	10.82	10.79	0-1	0.0		
DFT-s-OFDM 16QAM	1	1	10.58	10.62	0-1	0.0		
CP-OFDM QPSK	1	1	10.47	10.41	0-1.5	0.0		

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WLAN Maximum Time-Averaged Conducted Powers 8.4

2.4 GHz WLAN Maximum Average RF Power - Antenna 1a, Variant 1

2.4GHz Conducted Power [dBm]							
			IEEE Transmission Mode				
Freq [MHz]	Channel	802.11b	802.11g	802.11n	802.11ax (SU)		
		Average	Average	Average	Average		
2412.00	1	11.09	11.23	11.39	11.32		
2437.00	6	11.23	11.40	11.37	11.20		
2462.00	11	11.22	11.31	11.28	11.23		

Table 8-90 2.4 GHz WLAN Maximum Average RF Power – Antenna 1a, Variant 2

2.4GHz Conducted Power [dBm]						
		IEEE Transmission Mode				
Freq [MHz]	Channel	802.11b	802.11g	802.11n	802.11ax (SU)	
		Average	Average	Average	Average	
2412	1	10.97	11.30	11.32	11.33	
2437	6	11.02	11.28	11.30	11.29	
2462	11	10.99	11.14	11.11	11.21	

Table 8-91 2.4 GHz WLAN Maximum Average RF Power - Antenna 3a, Variant 1

2.4GHz Conducted Power [dBm]							
		IEEE Transmission Mode					
Freq [MHz]	Channel	802.11b	802.11g	802.11n	802.11ax (SU)		
		Average	Average	Average	Average		
2412.00	1	10.38	10.55	10.60	10.57		
2437.00	6	10.37	10.62	10.45	10.55		
2462.00	11	10.50	10.45	10.47	10.53		

Table 8-92 2.4 GHz WLAN Maximum Average RF Power - Antenna 3a, Variant 2

2.4GHz Conducted Power [dBm]							
		IEEE Transmission Mode					
Freq [MHz]	Channel	802.11b	802.11g	802.11n	802.11ax (SU)		
		Average	Average	Average	Average		
2412	1	10.33	10.60	10.61	10.45		
2437	6	10.38	10.65	10.60	10.60		
2462	11	10.54	10.43	10.40	10.63		

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Table 8-93
5 GHz WLAN Maximum Average RF Power – Antenna 5T, Variant 1

5GHz (40MHz) Conducted Power [dBm]					
		IEEE Transmission Mode			
Freq [MHz]	Channel				
		Average	Average	Average	
5190	38	13.45	14.27	12.93	
5230	46	14.33	14.40	14.50	
5270	54	13.71	13.64	13.74	
5310	62	13.67	13.68	13.72	

5GHz (80MHz) Conducted Power [dBm]				
		IEEE Transmission Mode		
Freq [MHz]	Channel	802.11ac	802.11ax (SU)	
		Average	Average	
5530	106	13.63	13.23	
5610	122	13.83	13.30	
5690	138	13.65	13.24	
5775	155	14.45	13.73	

Table 8-94
5 GHz WLAN Maximum Average RF Power – Antenna 5T, Variant 2

5GHz (40MHz) Conducted Power [dBm]					
		IEEE Transmission Mode 802.11n 802.11ac 802.11ax (SU			
Freq [MHz]	Channel				
		Average	Average		
5190	38	13.54	14.21	13.09	
5230	46	14.50	14.60	14.44	
5270	54	13.77	13.76	13.69	
5310	62	13.72	13.71	13.76	

5GHz (80MHz) Conducted Power [dBm]					
		IEEE Transmission Mode			
Freq [MHz]	Channel	802.11ac	802.11ax (SU)		
		Average	Average		
5530	106	13.35	13.33		
5610	122	13.50	13.28		
5690	138	13.30	13.36		
5775	155	14.52	13.70		

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Table 8-95
5 GHz WLAN Maximum Average RF Power – Antenna 3b, Variant 1

5GHz (80MHz) Conducted Power [dBm]				
		IEEE Transmission Mode		
Freq [MHz]	Channel	802.11ac	802.11ax (SU)	
		Average	Average	
5210	42	10.30	9.70	
5290	58	10.30	10.09	
5530	106	10.41	9.90	
5610	122	10.48	10.00	
5690	138	10.47	9.93	
5775	155	10.41	10.28	

Table 8-96
5 GHz WLAN Maximum Average RF Power – Antenna 3b, Variant 2

5GHz (80MHz) Conducted Power [dBm]				
		IEEE Transmission Mode		
Freq [MHz]	Channel	802.11ac	802.11ax (SU)	
		Average	Average	
5210	42	10.07	9.79	
5290	58	10.28	10.04	
5530	106	10.35	9.97	
5610	122	10.47	10.07	
5690	138	10.40	10.03	
5775	155	10.45	10.31	

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Table 8-97
5 GHz WLAN Maximum Average RF Power – Antenna 1b, Variant 1

5GHz (80MHz) Conducted Power [dBm]				
		IEEE Transmission Mode		
Freq [MHz]	Channel	802.11ac	802.11ax (SU)	
		Average	Average	
5210	42	8.30	8.24	
5290	58	8.86	8.70	
5530	106	8.82	8.67	
5610	122	8.87	8.81	
5690	138	8.84	8.87	
5775	155	9.76	9.70	

Table 8-98
5 GHz WLAN Maximum Average RF Power – Antenna 1b, Variant 2

5GHz (80MHz) Conducted Power [dBm]				
		IEEE Transmission Mode		
Freq [MHz]	Channel	802.11ac	802.11ax (SU)	
		Average	Average	
5210	42	8.36	8.30	
5290	58	8.85	8.67	
5530	106	8.96	8.85	
5610	122	8.84	8.82	
5690	138	8.76	8.83	
5775	155	9.72	9.73	

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8.5 WLAN Reduced Time-Averaged Conducted Powers

Table 8-99
2.4 GHz WLAN 3dB Reduced Average RF Power – Antenna 1a, Variant 1

2.4GHz Conducted Power [dBm]					
		IEEE Transmission Mode			
Freq [MHz]	Channel	802.11b 802.11g 802.11n 802.11ax			
		Average	Average	Average	Average
2412	1	8.30	8.20	8.19	8.20
2437	6	8.25	8.21	8.32	8.29
2462	11	8.22	8.28	8.20	8.21

Table 8-100
2.4 GHz WLAN 3dB Reduced Average RF Power – Antenna 1a, Variant 2

2.4GHz Conducted Power [dBm]					
		IEEE Transmission Mode			
Freq [MHz]	Channel	802.11b	802.11ax (SU)		
		Average	Average	Average	Average
2412	1	8.30	8.35	8.30	8.30
2437	6	8.40	8.28	8.22	8.26
2462	11	8.26	8.23	8.26	8.25

Table 8-101
2.4 GHz WLAN 3dB Reduced Average RF Power – Antenna 3a, Variant 1

2.4GHz Conducted Power [dBm]					
		IEEE Transmission Mode			
Freq [MHz]	Channel	802.11b	802.11n	802.11ax (SU)	
		Average	Average	Average	Average
2412	1	7.47	7.37	7.66	7.58
2437	6	7.48	7.59	7.57	7.48
2462	11	7.58	7.53	7.44	7.57

Table 8-102
2.4 GHz WLAN 3dB Reduced Average RF Power – Antenna 3a, Variant 2

2.4GHz Conducted Power [dBm]					
		IEEE Transmission Mode			
Freq [MHz]	Channel	802.11b	802.11ax (SU)		
		Average	Average	Average	Average
2412	1	7.56	7.46	7.45	7.44
2437	6	7.61	7.60	7.56	7.49
2462	11	7.53	7.44	7.62	7.45

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Table 8-103
5 GHz WLAN 4dB Reduced Average RF Power – Antenna 5T, Variant 1

5GHz (80MHz) Conducted Power [dBm]					
IEEE Transmi		mission Mode			
Freq [MHz]	Channel	802.11ac	802.11ax (SU)		
		Average	Average		
5210	42	10.65	9.06		
5290	58	9.77	9.18		
5530	106	9.28	9.23		
5610	122	9.18	9.22		
5690	138	9.15	9.26		
5775	155	9.78	9.75		

Table 8-104
5 GHz WLAN 4dB Reduced Average RF Power – Antenna 5T, Variant 2

5GHz (80MHz) Conducted Power [dBm]					
		IEEE Transmission Mode			
Freq [MHz]	Channel	802.11ac	802.11ax (SU)		
		Average	Average		
5210	42	10.59	9.05		
5290	58	9.64	9.06		
5530	106	9.26	9.38		
5610	122	9.30	9.20		
5690	138	9.21	9.15		
5775	155	9.67	9.62		

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Table 8-105
5 GHz WLAN 4dB Reduced Average RF Power – Antenna 3b, Variant 1

5GHz (80MHz) Conducted Power [dBm]					
		IEEE Transmission Mode			
Freq [MHz]	Channel	802.11ac	802.11ax (SU)		
		Average	Average		
5210	42	5.73	5.68		
5290	58	6.21	6.10		
5530	106	6.03	5.98		
5610	122	6.07	6.12		
5690	138	6.11	6.11		
5775	155	6.60	6.20		

Table 8-106
5 GHz WLAN 4dB Reduced Average RF Power – Antenna 3b, Variant 2

5GHz (80MHz) Conducted Power [dBm]					
		IEEE Transmission Mode			
Freq [MHz]	Channel	802.11ac	802.11ax (SU)		
		Average	Average		
5210	42	5.92	5.63		
5290	58	6.32	6.00		
5530	106	6.10	6.03		
5610	122	6.07	6.14		
5690	138	6.20	6.09		
5775	155	6.26	6.35		

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Table 8-107
5 GHz WLAN 4dB Reduced Average RF Power – Antenna 1b, Variant 1

5GHz (80MHz) Conducted Power [dBm]					
		IEEE Transmission Mode			
Freq [MHz]	Channel	802.11ac	802.11ax (SU)		
		Average	Average		
5210	42	4.25	4.20		
5290	58	4.72	4.73		
5530	106	4.75	4.78		
5610	122	4.85	4.79		
5690	138	4.80	4.70		
5775	155	5.74	5.86		

Table 8-108
5 GHz WLAN 4dB Reduced Average RF Power – Antenna 1b, Variant 2

5GHz (80MHz) Conducted Power [dBm]							
		IEEE Transmission Mode					
Freq [MHz]	Channel	802.11ac	802.11ax (SU)				
		Average	Average				
5210	42	4.35	4.20				
5290	58	4.70	4.32				
5530	106	4.77	4.76				
5610	122	4.70	4.71				
5690	138	4.82	4.73				
5775	155	5.63	5.70				

8.6 WLAN Power Reduction Verification Summary

Table 8-109 WLAN Power Reduction Verification

Antenna	Mode/Band	Condition (s)	Maximum Scenario Maximum Allowed Tune Up Power [dBm]	Reduced Scenario Maximum Allowed Tune Up Power [dBm]	Maximum Target Power [dBm] (Tolerance [dB])	Reduced Target Power [dBm] (Tolerance [dB])	Maximum Measured Power [dBm]	Reduced Measured Power [dBm]	Verdict
	2.4 GHz WLAN	Main Band 3A ON	11.50	8.50	10.00 (+1.5/-1.5)	7.00 (+1.5/-1.5)	10.75	7.74	PASS
Ant 3A	2.4 GHz WLAN	Main Band 3B ON	11.50	8.50	10.00 (+1.5/-1.5)	7.00 (+1.5/-1.5)	10.75	8.02	PASS
	2.4 GHz WLAN	ULCA ON	11.50	8.50	10.00 (+1.5/-1.5)	7.00 (+1.5/-1.5)	10.75	8.27	PASS
	2.4 GHz WLAN	Main Band 1A ON	12.25	9.25	10.75 (+1.5/-1.5)	7.75 (+1.5/-1.5)	11.10	8.90	PASS
Ant 1A	2.4 GHz WLAN	Main Band 1B ON	12.25	9.25	10.75 (+1.5/-1.5)	7.75 (+1.5/-1.5)	11.10	8.75	PASS
	2.4 GHz WLAN	ULCA ON	12.25	9.25	10.75 (+1.5/-1.5)	7.75 (+1.5/-1.5)	11.10	9.15	PASS
	5 GHz WLAN	Main Band Ant 4 ON	11.25	7.25	9.75 (+1.5/-1.5)	5.75 (+1.5/-1.5)	10.11	6.71	PASS
Ant 3B	5 GHz WLAN	Main Band Ant 3A ON	11.25	7.25	9.75 (+1.5/-1.5)	5.75 (+1.5/-1.5)	10.11	6.10	PASS
Ant 3B	5 GHz WLAN	Main Band Ant 3B ON	11.25	7.25	9.75 (+1.5/-1.5)	5.75 (+1.5/-1.5)	10.11	6.05	PASS
	5 GHz WLAN	ULCA ON	11.25	7.25	9.75 (+1.5/-1.5)	5.75 (+1.5/-1.5)	10.11	6.21	PASS
Ant 5T	5 GHz WLAN	Main Band Ant 3A ON	15.50	11.50	14.00 (+1.5/-1.5)	10.00 (+1.5/-1.5)	13.62	9.98	PASS
Ant Si	5 GHz WLAN	ULCA ON	15.50	11.50	14.00 (+1.5/-1.5)	10.00 (+1.5/-1.5)	13.62	9.24	PASS
	5 GHz WLAN	Main Band Ant 1B	10.75	6.75	9.25 (+1.5/-1.5)	5.25 (+1.5/-1.5)	10.12	5.50	PASS
Ant 1B	5 GHz WLAN	Main Band Ant 2 ON	10.75	6.75	9.25 (+1.5/-1.5)	5.25 (+1.5/-1.5)	10.12	6.30	PASS
Aut 1B	5 GHz WLAN	Main Band Ant 1A ON	10.75	6.75	9.25 (+1.5/-1.5)	5.25 (+1.5/-1.5)	10.12	6.32	PASS
	5 GHz WLAN	ULCA ON	10.75	6.75	9.25 (+1.5/-1.5)	5.25 (+1.5/-1.5)	10.12	6.02	PASS

Conducted powers were measured for each Mode/Band and applied condition. All conducted power measurements were verified to be within tolerance.

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8.7 **Notes for WLAN**

Justification for test configurations for WLAN per KDB Publication 248227 D01v02r02:

- Power measurements were performed for the transmission mode configuration with the highest maximum output power specified for production units.
- For transmission modes with the same maximum output power specification, powers were measured for the largest channel bandwidth. lowest order modulation and lowest data rate.
- For transmission modes with identical maximum specified output power, channel bandwidth, modulation and data rates, power measurements were required for all identical configurations.
- For each transmission mode configuration, powers were measured for the highest and lowest channels; and at the mid-band channel(s) when there were at least 3 channels supported. For configurations with multiple mid-band channels, due to an even number of channels, both channels were measured.
- The WLAN chipset in this device is produced by two different suppliers. The electrically identical modules are manufactured with the identical mechanical structure to meet the same specifications and functions.
- Two device variants are referenced as Variant 1 and Variant 2 in this report.
- WLAN SAR worst case configuration was spotchecked on Variant 1 and Variant 2. The Variant with the highest reported SAR value was evaluated for the remaining WLAN configurations.

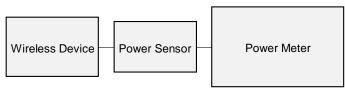


Figure 8-3 **Power Measurement Setup**

8.8 **Bluetooth Maximum Conducted Powers**

Table 8-110 Bluetooth Average RF Power - Antenna 1a, Variant 1

				Avg Conducte Power	
Frequency [MHz]	Modulation	Data Rate [Mbps]		[dBm]	[mW]
2402	GFSK	1.0	0	11.40	13.804
2441	GFSK	1.0	39	11.38	13.740
2480	GFSK	1.0	78	11.37	13.709

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Table 8-111 Bluetooth Average RF Power - Antenna 1a, Variant 2

_		Avg Conduction Power			
Frequency [MHz]	Modulation	Data Rate Channel [Mbps] No.	[dBm]	[mW]	
2402	GFSK	1.0	0	11.56	14.322
2441	GFSK	1.0	39	11.77	15.031
2480	GFSK	1.0	78	11.58	14.388

Table 8-112 Bluetooth Average RF Power - Antenna 3a, Variant 1

_	3			Avg Conducted Power	
Frequency [MHz]	Modulation	Data Rate Channel [Mbps] No.	[dBm]	[mW]	
2402	GFSK	1.0	0	11.71	14.825
2441	GFSK	1.0	39	11.99	15.812
2480	GFSK	1.0	78	12.01	15.885

Table 8-113 Bluetooth Average RF Power - Antenna 3a, Variant 2

_				Avg Conducted Power	
Frequency [MHz]	Modulation	Data Rate Channel [Mbps] No.	[dBm]	[mW]	
2402	GFSK	1.0	0	12.30	16.982
2441	GFSK	1.0	39	12.13	16.331
2480	GFSK	1.0	78	12.21	16.634

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8.9 Bluetooth Reduced Conducted Powers

Table 8-114
Bluetooth 3dB Reduced Average RF Power – Antenna 1a, Variant 1

_				Avg Conducted Power	
Frequency [MHz]	Modulation	Data Rate [Mbps]	Channel No.	[dBm]	[mW]
2402	GFSK	1.0	0	9.18	8.279
2441	GFSK	1.0	39	8.91	7.780
2480	GFSK	1.0	78	8.93	7.816

Table 8-115
Bluetooth 3dB Reduced Average RF Power – Antenna 1a, Variant 2

_				Avg Conducted Power	
Frequency [MHz]	Modulation	Data Rate C	Channel No.	[dBm]	[mW]
2402	GFSK	1.0	0	9.05	8.035
2441	GFSK	1.0	39	9.15	8.222
2480	GFSK	1.0	78	8.90	7.762

Table 8-116
Bluetooth 5dB Reduced Average RF Power – Antenna 1a, Variant 1

	Neudced A	Data Data	Oh ann al	Avg Cor Pov		
Frequency [MHz]	Modulation	Data Rate [Mbps]	Channel No.	[dBm]	[mW]	
2402	GFSK	1.0	0	6.96	4.966	
2441	GFSK	1.0	39	7.25	5.309	
2480	GFSK	1.0	78	6.91	4.909	

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Table 8-117
Bluetooth 5dB Reduced Average RF Power – Antenna 1a, Variant 2

_				Avg Conducted Power	
Frequency [MHz]	Modulation	Data Rate [Mbps]	Channel No.	[dBm]	[mW]
2402	GFSK	1.0	0	7.20	5.248
2441	GFSK	1.0	39	7.09	5.117
2480	GFSK	1.0	78	6.95	4.955

Table 8-118
Bluetooth 7dB Reduced Average RF Power – Antenna 1a, Variant 1

	1000000			Avg Cor Pov	
Frequency [MHz]	Modulation	Data Rate [Mbps]	Channel No.	[dBm]	[mW]
2402	GFSK	1.0	0	5.35	3.428
2441	GFSK	1.0	39	5.01	3.170
2480	GFSK	1.0	78	5.30	3.388

Table 8-119
Bluetooth 7dB Reduced Average RF Power – Antenna 1a, Variant 2

_				Avg Conduc Power	
Frequency [MHz]	Modulation	Data Rate [Mbps]	Channel No.	[dBm]	[mW]
2402	GFSK	1.0	0	5.50	3.548
2441	GFSK	1.0	39	5.03	3.184
2480	GFSK	1.0	78	4.91	3.097

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Table 8-120 Bluetooth 3dB Reduced Average RF Power - Antenna 3a, Variant 1

_			Avg Conducted Power		
Frequency [MHz]	Modulation	Data Rate [Mbps]	Channel No.	[dBm]	[mW]
2402	GFSK	1.0	0	9.18	8.279
2441	GFSK	1.0	39	9.09	8.110
2480	GFSK	1.0	78	9.07	8.072

Table 8-121 Bluetooth 3dB Reduced Average RF Power – Antenna 3a, Variant 2

_				Avg Cor Pov		
Frequency [MHz]	Modulation	Data Rate [Mbps]	Channel No.	[dBm]	[mW]	
2402	GFSK	1.0	0	9.18	8.279	
2441	GFSK	1.0	39	9.14	8.204	
2480	GFSK	1.0	78	9.10	8.128	

Table 8-122 Bluetooth 5.5dB Reduced Average RF Power - Antenna 3a, Variant 1

_				Avg Cor Pov		
Frequency [MHz]	Modulation	Data Rate [Mbps]	Channel No.	[dBm]	[mW]	
2402	GFSK	1.0	0	7.04	5.058	
2441	GFSK	1.0	39	6.93	4.932	
2480	GFSK	1.0	78	7.10	5.129	

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Table 8-123
Bluetooth 5.5dB Reduced Average RF Power – Antenna 3a, Variant 2

						Avg Conducted Power	
Frequency [MHz]	Modulation	Data Rate [Mbps]	Channel No.	[dBm]	[mW]		
2402	GFSK	1.0	0	7.08	5.105		
2441	GFSK	1.0	39	7.20	5.248		
2480	GFSK	1.0	78	7.02	5.035		

Table 8-124
Bluetooth 6dB Reduced Average RF Power – Antenna 3a, Variant 1

				Avg Conducted Power	
Frequency [MHz]	Modulation	Data Rate [Mbps]	Channel No.	[dBm]	[mW]
2402	GFSK	1.0	0	6.09	4.064
2441	GFSK	1.0	39	5.93	3.917
2480	GFSK	1.0	78	6.19	4.159

Table 8-125
Bluetooth 6dB Reduced Average RF Power – Antenna 3a, Variant 2

_				Avg Cor Pov		
Frequency [MHz]	Modulation	Data Rate [Mbps]	Channel No.	[dBm]	[mW]	
2402	GFSK	1.0	0	6.05	4.027	
2441	GFSK	1.0	39	6.14	4.111	
2480	GFSK	1.0	78	6.27	4.236	

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Table 8-126
Bluetooth 7dB Reduced Average RF Power – Antenna 3a, Variant 1

_	Neudoca P			Avg Cor Pov	
Frequency [MHz]	Modulation	Data Rate [Mbps]	Channel No.	[dBm]	[mW]
2402	GFSK	1.0	0	5.07	3.214
2441	GFSK	1.0	39	5.01	3.170
2480	GFSK	1.0	78	4.92	3.105

Table 8-127
Bluetooth 7dB Reduced Average RF Power – Antenna 3a, Variant 2

_				Avg Cor Pov	
Frequency [MHz]	Modulation	Data Rate [Mbps]	Channel No.	[dBm]	[mW]
2402	GFSK	1.0	0	5.07	3.214
2441	GFSK	1.0	39	5.37	3.443
2480	GFSK	1.0	78	5.30	3.388

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8.10 Bluetooth Duty Cycle Plots

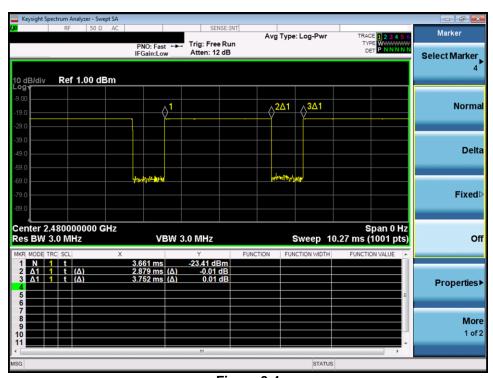


Figure 8-4
Bluetooth Transmission Plot – Antenna 1a, Variant 1

Equation 8-1
Bluetooth Duty Cycle Calculation – Antenna 1a, Variant 1

$$\textit{Duty Cycle} = \frac{\textit{Pulse Width}}{\textit{Period}} * 100\% = \frac{2.879 ms}{3.752 ms} * 100\% = 76.7\%$$

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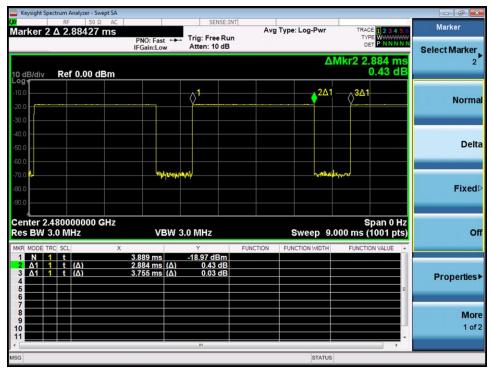


Figure 8-5
Bluetooth Transmission Plot – Antenna 1a, Variant 2

Equation 8-2
Bluetooth Duty Cycle Calculation – Antenna 1a, Variant 2

$$\textit{Duty Cycle} = \frac{\textit{Pulse Width}}{\textit{Period}} * 100\% = \frac{2.884\textit{ms}}{3.755\textit{ms}} * 100\% = 76.8\%$$

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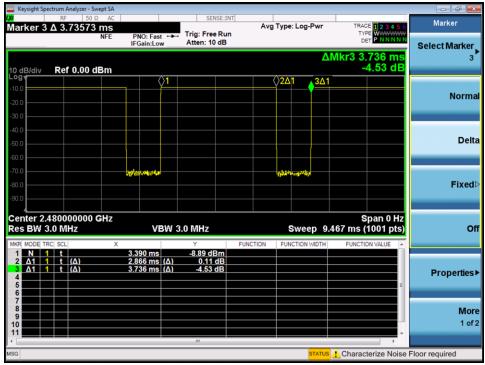


Figure 8-6
Bluetooth Transmission Plot – Antenna 3a, Variant 1

Equation 8-3
Bluetooth Duty Cycle Calculation – Antenna 3a, Variant 1

$$\textit{Duty Cycle} = \frac{\textit{Pulse Width}}{\textit{Period}} * 100\% = \frac{2.866 \textit{ms}}{3.736 \textit{ms}} * 100\% = 76.7\%$$

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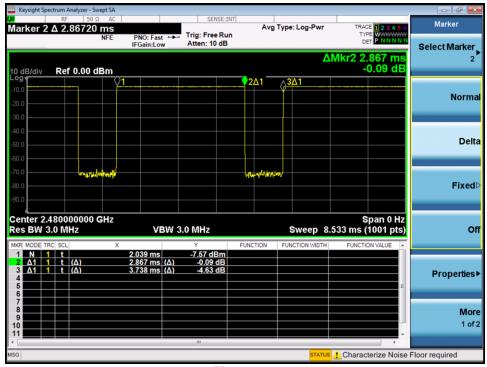


Figure 8-7
Bluetooth Transmission Plot – Antenna 3a, Variant 2

Equation 8-4
Bluetooth Duty Cycle Calculation – Antenna 3a, Variant 2

$$\textit{Duty Cycle} = \frac{\textit{Pulse Width}}{\textit{Period}} * 100\% = \frac{2.867\textit{ms}}{3.738\textit{ms}} * 100\% = 76.7\%$$

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8.11 Bluetooth Power Reduction Verification Summary

Table 8-128 Bluetooth Power Reduction Verification

Antenna	Mode/Band	Condition (s)	Maximum Scenario Maximum Allowed Tune Up Power [dBm]	Reduced Scenario Maximum Allowed Tune Up Power [dBm]	Maximum Target Power [dBm] (Tolerance [dB])	Reduced Target Power [dBm] (Tolerance [dB])	Maximum Measured Power [dBm]	Reduced Measured Power [dBm]	Verdict
	2.4 GHz Bluetooth	Main Band 3B ON	13	10	11.50 (+1.5/-2)	8.50 (+1.5/-2)	12.09	9.84	PASS
	2.4 GHz Bluetooth	Main Band 3A ON	13	10	11.50 (+1.5/-2)	8.50 (+1.5/-2)	12.09	9.90	PASS
	2.4 GHz Bluetooth	ULCA ON	13	6	11.50 (+1.5/-2)	4.50 (+1.5/-2)	12.09	4.25	PASS
	2.4 GHz Bluetooth	ULCA ON and 5 GHZ WLAN 3B/5T/1B ON	13	6	11.50 (+1.5/-2)	4.50 (+1.5/-2)	12.09	4.25	PASS
	2.4 GHz Bluetooth	Main band Ant 4 ON and 5 GHz WLAN Ant 3B/5T/1B ON	13	7	11.50 (+1.5/-2)	5.50 (+1.5/-2)	12.09	5.10	PASS
Ant 3A	2.4 GHz Bluetooth	Main band Ant 3A ON and 5 GHz WLAN Ant 3B/5T/1B ON	13	6	11.50 (+1.5/-2)	4.50 (+1.5/-2)	12.09	4.40	PASS
	2.4 GHz Bluetooth	Main band Ant 3B ON and 5 GHz WLAN Ant 3B/5T/1B ON	13	7	11.50 (+1.5/-2)	5.50 (+1.5/-2)	12.09	5.10	PASS
	2.4 GHz Bluetooth	Main Band Ant 1a ON and 5 GHz WLAN Ant 3B/5T/1B ON	13	7	11.50 (+1.5/-2)	5.50 (+1.5/-2)	12.09	5.04	PASS
	2.4 GHz Bluetooth	Main Band Ant 2 ON and 5 GHz WLAN Ant 3B/5T/1B ON	13	7	11.50 (+1.5/-2)	5.50 (+1.5/-2)	12.09	4.90	PASS
	2.4 GHz Bluetooth	Main Band Ant 1B ON and 5 GHz WLAN Ant 3B/5T/1B ON	13	7	11.50 (+1.5/-2)	5.50 (+1.5/-2)	12.09	5.09	PASS
	2.4 GHz Bluetooth	5 GHz WLAN Ant 3B/5T/1B ON	13	7.5	11.50 (+1.5/-2)	6.00 (+1.5/-2)	12.09	6.11	PASS
	2.4 GHz Bluetooth	Main Band 1A ON	13	10	11.50 (+1.5/-2)	8.50 (+1.5/-2)	12.20	8.49	PASS
	2.4 GHz Bluetooth	Main Band 1B ON	13	10	11.50 (+1.5/-2)	8.50 (+1.5/-2)	12.20	8.54	PASS
	2.4 GHz Bluetooth	ULCA ON	13	6	11.50 (+1.5/-2)	4.50 (+1.5/-2)	12.20	4.85	PASS
	2.4 GHz Bluetooth	ULCA ON and 5 GHZ WLAN 3B/5T/1B ON	13	6	11.50 (+1.5/-2)	4.50 (+1.5/-2)	12.20	4.85	PASS
	2.4 GHz Bluetooth	Main band Ant 4 ON and 5 GHz WLAN Ant 3B/5T/1B ON	13	6	11.50 (+1.5/-2)	4.50 (+1.5/-2)	12.20	4.85	PASS
Ant 1A	2.4 GHz Bluetooth	Main band Ant 3A ON and 5 GHz WLAN Ant 3B/5T/1B ON	13	6	11.50 (+1.5/-2)	4.50 (+1.5/-2)	12.20	4.45	PASS
	2.4 GHz Bluetooth	Main band Ant 3B ON and 5 GHz WLAN Ant 3B/5T/1B ON	13	6	11.50 (+1.5/-2)	4.50 (+1.5/-2)	12.20	4.74	PASS
	2.4 GHz Bluetooth	Main Band Ant 1a ON and 5 GHz WLAN Ant 3B/5T/1B ON	13	6	11.50 (+1.5/-2)	4.50 (+1.5/-2)	12.20	4.91	PASS
	2.4 GHz Bluetooth	Main Band Ant 2 ON and 5 GHz WLAN Ant 3B/5T/1B ON	13	6	11.50 (+1.5/-2)	4.50 (+1.5/-2)	12.20	4.22	PASS
	2.4 GHz Bluetooth	Main Band Ant 1B ON and 5 GHz WLAN Ant 3B/5T/1B ON	13	6	11.50 (+1.5/-2)	4.50 (+1.5/-2)	12.20	4.63	PASS
	2.4 GHz Bluetooth	5 GHz WLAN Ant 3B/5T/1B ON	13	8	11.50 (+1.5/-2)	6.50 (+1.5/-2)	12.20	6.60	PASS

Conducted powers were measured for each Mode/Band and applied condition. All conducted power measurements were verified to be within tolerance.

8.12 Notes for Bluetooth

- The Bluetooth chipset in this device is produced by two different suppliers. The electrically identical modules are manufactured with the identical mechanical structure to meet the same specifications and functions. Two device variants are referenced as Variant 1 and Variant 2 in this report.
- Bluetooth SAR worst case configuration was spotchecked on Variant 1 and Variant 2. The Variant with the highest reported SAR value was evaluated for the remaining Bluetooth configurations.
- Full power measurements were performed for Variant 1 and Variant 2 per FCC KDB Procedures 248227.

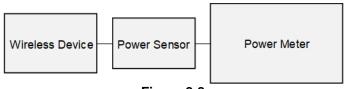


Figure 8-8
Power Measurement Setup

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9.1 **Tissue Verification**

Table 9-1 **Measured Tissue Properties**

Tissue Temp During Calibration (°C) 21.0 20.1	Measured Frequency (MHz) 680 695 695 695 695 695 695 695 695 700 710 725 750 770 785 800 680 695 695 695 695	Measured Conductivity, σ (Sim) 0.911 0.916 0.918 0.921 0.927 0.937 0.944 0.949 0.954 0.933 0.938 0.949 0.958	Moasured Dielectric Constant, ε 56.335 56.330 56.304 56.288 56.288 56.194 56.157 56.123 53.891 53.863 53.894 53.752	TARGET Conductivity, or (S/m)	TARGET Dielectric Constant, \$\xi\$ 55.804 55.745 55.726 55.629 55.531 55.453 55.336 55.804 55.745 55.726 55.687	% dev o -4.91% -4.48% -4.28% -4.06% -3.54% -2.80% -1.76% -1.34% -2.61% -2.19% -1.98%	% dev ε 0.95% 1.01% 1.04% 1.08% 1.15% 1.26% 1.34% 1.38% 1.42% -3.43% -3.38% -3.38%
20.1	695 700 710 725 750 770 785 800 685 700 710 725 750 770 785 800 686 695 750 760 770 785 800 688	0.916 0.918 0.927 0.927 0.937 0.944 0.949 0.954 0.933 0.938 0.940 0.940 0.948 0.958 0.958	56.310 56.304 56.288 56.288 56.228 56.194 56.157 56.123 53.891 53.863 53.854 53.854 53.855 53.804	0.959 0.959 0.960 0.961 0.964 0.965 0.966 0.967 0.958 0.959	55.745 55.726 55.687 55.629 55.531 55.453 55.395 55.336 55.804 55.745	-4.48% -4.28% -4.06% -3.54% -2.80% -2.18% -1.76% -1.34% -2.61% -2.19% -1.98%	1.01% 1.04% 1.08% 1.15% 1.26% 1.34% 1.38% 1.42% -3.43% -3.38% -3.36%
20.1	700 710 710 725 750 770 785 800 680 695 700 710 725 750 770 785 800 680 695	0.918 0.921 0.927 0.937 0.944 0.949 0.954 0.933 0.940 0.943 0.948 0.958 0.966	56.304 56.288 56.268 56.228 56.194 56.157 56.123 53.861 53.863 53.854 53.855 53.804 53.752	0.959 0.960 0.961 0.964 0.965 0.966 0.967 0.958 0.959	55.726 55.687 55.629 55.531 55.453 55.395 55.336 55.346 55.745	-4.28% -4.06% -3.54% -2.80% -2.18% -1.76% -1.34% -2.61% -2.19% -1.98%	1.04% 1.08% 1.15% 1.26% 1.34% 1.38% 1.42% -3.43% -3.38% -3.36%
20.1	710 725 750 770 785 800 680 695 700 710 725 750 770 785 800 680 695	0.921 0.927 0.937 0.944 0.949 0.954 0.933 0.938 0.940 0.940 0.948 0.958 0.958 0.958	56.288 56.268 56.228 56.194 56.157 56.123 53.891 53.863 53.854 53.854 53.854 53.752	0.960 0.961 0.964 0.965 0.966 0.967 0.958 0.959 0.959	55.687 55.629 55.531 55.453 55.395 55.336 55.804 55.745 55.726	-4.06% -3.54% -2.80% -2.18% -1.76% -1.34% -2.61% -2.19% -1.98%	1.08% 1.15% 1.26% 1.34% 1.38% 1.42% -3.43% -3.38% -3.36%
20.1	725 750 770 770 785 800 680 695 700 710 725 770 785 800 688 695	0.927 0.937 0.944 0.949 0.954 0.933 0.938 0.940 0.943 0.948 0.966 0.971	56.268 56.228 56.194 56.157 56.123 53.891 53.863 53.854 53.855 53.804 53.752	0.961 0.964 0.965 0.966 0.967 0.958 0.959 0.959	55.629 55.531 55.453 55.395 55.336 55.804 55.745 55.726	-3.54% -2.80% -2.18% -1.76% -1.34% -2.61% -2.19% -1.98%	1.15% 1.26% 1.34% 1.38% 1.42% -3.43% -3.38% -3.36%
20.1	750 770 785 800 680 695 700 710 725 750 770 785 800 680	0.937 0.944 0.949 0.954 0.933 0.938 0.940 0.943 0.948 0.958 0.966	56.228 56.194 56.157 56.123 53.891 53.863 53.854 53.835 53.804 53.752	0.964 0.965 0.966 0.967 0.958 0.959 0.959	55.531 55.453 55.395 55.336 55.804 55.745 55.726	-2.80% -2.18% -1.76% -1.34% -2.61% -2.19% -1.98%	1.26% 1.34% 1.38% 1.42% -3.43% -3.38%
	770 785 800 680 695 700 710 725 750 770 785 800 680 695	0.944 0.949 0.954 0.933 0.938 0.940 0.943 0.948 0.958 0.966	56.194 56.157 56.123 53.891 53.863 53.854 53.835 53.804 53.752	0.965 0.966 0.967 0.958 0.959 0.959 0.960	55.453 55.395 55.336 55.804 55.745 55.726	-2.18% -1.76% -1.34% -2.61% -2.19% -1.98%	1.34% 1.38% 1.42% -3.43% -3.38% -3.36%
	785 800 680 695 700 710 725 750 770 785 800 680	0.949 0.954 0.933 0.938 0.940 0.943 0.948 0.958 0.966	56.157 56.123 53.891 53.863 53.854 53.835 53.804 53.752	0.966 0.967 0.958 0.959 0.959 0.960	55.395 55.336 55.804 55.745 55.726	-1.76% -1.34% -2.61% -2.19% -1.98%	1.38% 1.42% -3.43% -3.38% -3.36%
	800 680 695 700 710 725 750 770 785 800 680	0.954 0.933 0.938 0.940 0.943 0.948 0.958 0.966	56.123 53.891 53.863 53.854 53.835 53.804 53.752	0.967 0.958 0.959 0.959 0.960	55.336 55.804 55.745 55.726	-1.34% -2.61% -2.19% -1.98%	1.42% -3.43% -3.38% -3.36%
	680 695 700 710 725 750 770 785 800 680	0.933 0.938 0.940 0.943 0.948 0.958 0.966 0.971	53.891 53.863 53.854 53.835 53.804 53.752	0.958 0.959 0.959 0.960	55.804 55.745 55.726	-2.61% -2.19% -1.98%	-3.43% -3.38% -3.36%
	695 700 710 725 750 770 785 800 680 695	0.938 0.940 0.943 0.948 0.958 0.966 0.971	53.863 53.854 53.835 53.804 53.752	0.959 0.959 0.960	55.745 55.726	-2.19% -1.98%	-3.38% -3.36%
	700 710 725 750 770 785 800 680	0.940 0.943 0.948 0.958 0.966 0.971	53.854 53.835 53.804 53.752	0.959 0.960	55.726	-1.98%	-3.36%
	710 725 750 770 785 800 680 695	0.943 0.948 0.958 0.966 0.971	53.835 53.804 53.752	0.960			
	725 750 770 785 800 680 695	0.948 0.958 0.966 0.971	53.804 53.752		55.687	-1.77%	2 000
	750 770 785 800 680 695	0.958 0.966 0.971	53.752	0.961			-3.33%
20.8	770 785 800 680 695	0.966 0.971			55.629	-1.35%	-3.28%
20.8	785 800 680 695	0.971	E2 710	0.964	55.531	-0.62%	-3.20%
20.8	800 680 695		33.719	0.965	55.453	0.10%	-3.13%
20.8	680 695	0.077	53.691	0.966	55.395	0.52%	-3.08%
20.8	695	0.311	53.655	0.967	55.336	1.03%	-3.04%
20.8		0.924	56.884	0.958	55.804	-3.55%	1.94%
20.8	700	0.929	56.877	0.959	55.745	-3.13%	2.03%
20.8	700	0.931	56.873	0.959	55.726	-2.92%	2.06%
20.8	710	0.934	56.861	0.960	55.687	-2.71%	2.11%
	725	0.941	56.819	0.961	55.629	-2.08%	2.14%
	750	0.951	56.724	0.964	55.531	-1.35%	2.15%
	770	0.959	56.691	0.965	55.453	-0.62%	2.23%
	785	0.964	56.672	0.966	55.395	-0.21%	2.31%
	800	0.970	56.644	0.967	55.336	0.31%	2.36%
	680	0.943	54.151	0.958	55.804	-1.57%	-2.96%
		0.948					
	695 700	0.948	54.118	0.959	55.745	-1.15% -0.94%	-2.92%
			54.104	0.959	55.726		-2.91%
	710	0.954	54.076	0.960	55.687	-0.63%	-2.89%
18.9	725	0.959	54.028	0.961	55.629	-0.21%	-2.88%
	750	0.970	53.946	0.964	55.531	0.62%	-2.85%
	770	0.977	53.907	0.965	55.453	1.24%	-2.79%
	785	0.982	53.884	0.966	55.395	1.66%	-2.73%
	800	0.988	53.858	0.967	55.336	2.17%	-2.67%
	680	0.956	53.306	0.958	55.804	-0.21%	-4.48%
	695	0.961	53.281	0.959	55.745	0.21%	-4.42%
	700	0.963	53.273	0.959	55.726	0.42%	-4.40%
	710	0.966	53.256	0.960	55.687	0.63%	-4.37%
20.8	725	0.972	53,224	0.961	55.629	1.14%	-4.32%
	750	0.982	53.153	0.964	55.531	1.87%	-4.28%
	770	0.990	53.108	0.965	55.453	2.59%	-4.23%
	785	0.996	53.081	0.966	55.395	3.11%	-4.18%
	800	1.002	53.045	0.967	55.336	3.62%	-4.16% -4.14%
+	820	0.984	53.648	0.969	55.258	1.55%	-2.91%
20.8	820	1.000	53.488	0.969	55.258	3.09%	-2.91%
20.8							
							-3.29%
6							-2.46%
21.1							-2.64%
							-2.82%
							-4.52%
21	835	1.001	52.583	0.970	55.200	3.20%	-4.74%
	850	1.016	52.414	0.988	55.154	2.83%	-4.97%
	815	0.963	53.983	0.968	55.271	-0.52%	-2.33%
1	820	0.968	53.937	0.969	55.258	-0.10%	-2.39%
24.2	835	0.984	53.788	0.970	55.200	1.44%	-2.56%
21.3	850	0.997	53.646	0.988	55.154	0.91%	-2.73%
21.3	1710	1.464	53.187	1.463	53.537	0.07%	-0.65%
21.3		1.471					-0.64%
21.3							-0.57%
							-0.56%
21.3	1750						-0.52%
				1.501	53.326	0.40%	-0.52%
,	, 21	850 820 820 835 850 815 820 835 850 1710 1720 1720 9	21.1 820 0.979 835 0.994 850 1.010 820 0.984 21 835 1.001 850 1.016 850 1.016 815 0.963 820 0.968 820 0.968 835 0.994 21.3 835 0.994 850 0.997 1710 1.464 1720 1.471 1745 1.489	820 0.979 53.901 835 0.994 53.744 850 1.010 53.598 820 0.984 52.762 820 0.984 52.762 835 1.001 52.583 850 1.016 52.414 815 0.963 53.983 820 0.968 53.937 835 0.984 53.788 850 0.997 53.646 1710 1.464 53.187 1720 1.471 53.142	21.1 820 0.979 53.901 0.969 83.901 0.969 83.901 0.969 850 1.010 53.744 0.970 850 1.010 53.598 0.988 820 0.984 52.762 0.969 850 1.016 52.563 0.970 850 1.016 52.414 0.988 850 1.016 52.414 0.988 820 0.968 53.983 0.968 820 0.966 53.983 0.968 820 0.966 53.768 0.970 850 0.997 53.646 0.988 1710 1.464 53.187 1.469 1710 1.464 53.187 1.469 1720 1.471 53.171 1.469 1745 1.469 53.142 1.469	21.1 820 0.979 53.301 0.969 55.258 835 0.994 53.744 0.970 55.200 850 1.010 53.598 0.988 55.154 820 0.984 52.762 0.969 55.258 835 1.001 52.563 0.970 55.200 850 1.016 52.414 0.988 55.154 815 0.963 53.983 0.968 55.271 820 0.968 53.937 0.969 55.258 835 0.964 53.788 0.970 55.200 850 0.997 53.646 0.988 55.154 1710 1.464 53.167 1.463 53.537 1720 1.471 53.171 1.469 53.511 1745 1.469 53.142 1.485 53.445 1750 1.492 53.135 1.488 53.435	1.1 1.2 1.4

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Table 9-2 Measured Tissue Properties

		IVIEAS	urea	1 155UE	1 TOPE	lucs			
Calibrated for Fests Performed	Tissue Type	Tissue Temp During Calibration ('C)	Measured Frequency	Measured Conductivity,	Measured Dielectric	TARGET Conductivity,	TARGET Dielectric	% dev σ	% de
on:		Calibration (C)	(MHz)	σ (S/m)	Constant, ε	σ (S/m)	Constant, ε		
			1710	1.473	51.974	1.463	53.537	0.68%	-2.92
			1720	1.480	51.960	1.469	53.511	0.75%	-2.90
7/16/2021	1750 Body	21.7	1745	1.497	51.928	1.485	53.445	0.81%	-2.84
			1750	1.500	51.923	1.488	53.432	0.81%	-2.82
			1770	1.513	51.897	1.501	53.379	0.80%	-2.78
			1790	1.526	51.863	1.514	53.326	0.79%	-2.74
			1710	1.431	52.018	1.463	53.537	-2.19% -1.91%	-2.8
			1720	1.441	51.987	1.469	53.511		-2.8
08/23/2021	1750 Body	21.5	1745	1.465	51.907	1.485	53.445	-1.35%	-2.8
	,		1750	1.470	51.893	1.488	53.432	-1.21%	-2.8
			1770	1.488	51.831	1.501	53.379	-0.87%	-2.9
			1790	1.507	51.764	1.514	53.326	-0.46%	-2.9
			1850	1.553	53.247	1.520	53.300	2.17%	-0.10
			1860	1.559	53.225	1.520	53.300	2.57%	-0.1
6/30/2021	1900 Body	21.9	1880	1.573	53.183	1.520	53.300	3.49%	-0.2
			1900	1.587	53.16	1.520	53.300	4.41%	-0.2
			1905	1.59	53.157	1.520	53.300	4.61%	-0.2
			1910	1.593	53.152	1.520	53.300	4.80%	-0.2
			1850	1.541	52.547	1.520	53.300	1.38%	-1.4
			1860	1.548	52.528	1.520	53.300	1.84%	-1.4
7/11/2021	1900 Body	23.0	1880	1.562	52.494	1.520	53.300	2.76%	-1.5
			1900	1.575	52.474	1.520	53.300	3.62%	-1.5
			1905	1.579	52.472	1.520	53.300	3.88%	-1.5
			1910	1.582	52.469	1.520	53.300	4.08%	-1.5
			2300	1.827	52.297	1.809	52.900	1.00%	-1.1
7/5/2021	2300 Body	22.5	2310	1.840	52.257	1.816	52.887	1.32%	-1.1
			2320	1.853	52.219	1.826	52.873	1.48%	-1.2
	1	1	2300	1.852	51.651	1.809	52.900	2.38%	-2.3
8/2/2021	2300 Body	20.6	2310	1.861	51.636	1.816	52.887	2.48%	-2.3
			2320	1.871	51.623	1.826	52.873	2.46%	-2.3
			2400	1.975	52.004	1.902	52.767	3.84%	-1.4
7/6/2021	2450 Body	21.4	2450	2.030	51.983	1.950	52.700	4.10%	-1.3
170/2021	2400 Dody	21.4	2480	2.061	51.949	1.993	52.662	3.41%	-1.3
			2500	2.083	51.930	2.021	52.636	3.07%	-1.3
			2400	1.946	51.447	1.902	52.767	2.31%	-2.5
7/29/2021	2450 Body	21.0	2450	1.992	51.397	1.950	52.700	2.15%	-2.4
1129/2021	24/2021 24/30 Body	21.0	2480	2.017	51.353	1.993	52.662	1.20%	-2.4
			2500	2.035	51.327	2.021	52.636	0.69%	-2.4
			2400	1.978	52.171	1.902	52.767	4.00%	-1.1
			2450	2.027	52.115	1.950	52.700	3.95%	-1.1
			2480	2.050	52.048	1.993	52.662	2.86%	-1.1
			2500	2.068	52.013	2.021	52.636	2.33%	-1.1
			2510	2.080	52.002	2.035	52.623	2.21%	-1.1
7/4/2021	2450-2600	22.2	2535	2.103	51.976	2.071	52.592	1.55%	-1.1
774/2021	Body	22.2	2550	2.115	51.957	2.092	52.573	1.10%	-1.1
			2560	2.126	51.953	2.106	52.560	0.95%	-1.1
			2600	2.162	51.864	2.163	52.509	-0.05%	-1.2
			2650	2.210	51.804	2.234	52.445	-1.07%	-1.2
			2680	2.238	51.740	2.277	52.407	-1.71%	-1.2
			2700	2.257	51.706	2.305	52.382	-2.08%	-1.2
			2400	1.977	51.694	1.902	52.767	3.94%	-2.0
			2450	2.024	51.639	1.950	52.700	3.79%	-2.0
			2480	2.050	51.585	1.993	52.662	2.86%	-2.0
			2500	2.069	51.544	2.021	52.636	2.38%	-2.0
	1	1	2510	2.079	51.527	2.035	52.623	2.16%	-2.0
7/6/2021	2450-2600	22.7	2535	2.104	51.494	2.071	52.592	1.59%	-2.0
1/0/2021	Body	22.1	2550	2.117	51.468	2.092	52.573	1.20%	-2.1
	1	1	2560	2.126	51.448	2.106	52.560	0.95%	-2.1
		1	2600	2.164	51.377	2.163	52.509	0.05%	-2.1
		1	2650	2.209	51.294	2.234	52.445	-1.12%	-2.1
		1	2680	2.237	51.237	2.277	52.407	-1.76%	-2.2
			2700	2.256	51.197	2.305	52.382	-2.13%	-2.2
			2400	1.919	52.029	1.902	52.767	0.89%	-1.4
	1	1	2450	1.986	51.842	1.950	52.700	1.85%	-1.6
		1	2480	2.026	51.739	1.993	52.662	1.66%	-1.7
		1	2500	2.051	51.661	2.021	52.636	1.48%	-1.8
		1	2510	2.065	51.623	2.035	52.623	1.47%	-1.9
7/9/2021	2450-2600	23.8	2535	2.099	51.530	2.071	52.592	1.35%	-2.0
1/9/2021	Body	23.8	2550	2.121	51.476	2.092	52.573	1.39%	-2.0
	1	1	2560	2.135	51.440	2.106	52.560	1.38%	-2.1
	1	1	2600	2.188	51.299	2.163	52.509	1.16%	-2.3
	1	1	2650	2.261	51.112	2.234	52.445	1.21%	-2.5
	1	2680	2.303	51.000	2.277	52.407	1.14%	-2.6	
	<u> </u>	<u> </u>	2700	2.330	50.911	2.305	52.382	1.08%	-2.8
			2400	1.986	52.556	1.902	52.767	4.42%	-0.4
	1	1	2450	2.034	52.496	1.950	52.700	4.31%	-0.3
	1	1	2480	2.059	52.434	1.993	52.662	3.31%	-0.4
	1	1	2500	2.079	52.392	2.021	52.636	2.87%	-0.4
	1	1	2510	2.089	52.378	2.035	52.623	2.65%	-0.4
7/4 4 (0000)	2450-2600	00.5	2535	2.112	52.349	2.071	52.592	1.98%	-0.4
7/14/2021	Body	22.6	2550	2.124	52.324	2.092	52.573	1.53%	-0.4
	1	1	2560	2.132	52.301	2.106	52.560	1.23%	-0.4
		1	2600	2.171	52.224	2.163	52.509	0.37%	-0.5
		1	2650	2.217	52.158	2.234	52.445	3.07% 2.31% 2.15% 1.20% 1.20% 4.00% 4.00% 4.00% 3.95% 2.66% 2.21% 1.55% 1.10% 0.95% 2.21% 1.55% 1.10% 2.23% 2.21% 1.55% 1.10% 2.66% 2.394% 3.34% 3.34% 3.24% 3.34% 3.25% 1.10% 1.10% 1.12% 1.12% 1.12% 1.12% 1.12% 1.12% 1.12% 1.12% 1.12% 1.12% 1.12% 1.12% 1.15% 1.16%	-0.5
	1	1							
			2680	2.244	52.090	2.277	52.407	-1.45%	-0.6

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Table 9-3 **Measured Tissue Properties**

		ivita	Sureu	1133UE	riopei	เเธอ			
Calibrated for Tests Performed	Tissue Type	Tissue Temp During	Measured Frequency	Measured Conductivity,	Measured Dielectric	TARGET Conductivity,	TARGET Dielectric	% dev σ	% dev
on:		Calibration (°C)	(MHz)	σ (S/m)	Constant, ε	σ (S/m)	Constant, ε		
			3500	3.221	51.228	3.314	51.321	-2.81%	-0.18
			3550	3.282	51.170	3.372	51.254	-2.67%	-0.16
	3500-3700		3560	3.294	51.143	3.384	51.240	-2.66%	-0.19
7/12/2021	Body	18.0	3650	3.408	50.972	3.489	51.118	-2.32%	-0.29
			3690	3.459	50.908	3.536	51.063	-2.18%	-0.30
			3700	3.471	50.884	3.548	51.050	-2.17%	-0.33
			3750	3.537	50.797	3.606	50.982	-1.91%	-0.3€
			3500	3.275	51.084	3.314	51.321	-1.18%	-0.46
			3550	3.336	51.003	3.372	51.254	-1.07%	-0.49
			3560	3.348	50.976	3.384	51.240	-1.06%	-0.52
			3600	3.397	50.899	3.431	51.186	-0.99%	-0.5
7/13/2021	3500-3900 Body	19.4	3650 3690	3.459 3.510	50.801 50.723	3.489	51.118	-0.86% -0.74%	-0.6
	Body			3.510	50.723		51.063		-0.6
			3700			3.548	51.050	-0.73%	-0.6
			3750 3900	3.588 3.784	50.606 50.338	3.606	50.982	-0.50% 0.08%	-0.7
			3900	3.784	50.338	3.781	50.779 50.738	0.08%	-0.8
			3500	3.824	49.646	3.816	50.738	1.75%	
			3550	3.421	49.646	3.314 3.372	51.321	1.45%	-3.2
			3560	3.432	49.588	3.384	51.254	1.42%	-3.2
			3600	3.432	49.500	3.431	51.240	1.25%	-3.2
	3500-3900		3650	3.526	49.461	3.489	51.118	1.06%	-3.2
7/15/2021	Body	22	3690	3.566	49.401	3.536	51.063	0.85%	-3.3
	500,		3700	3.576	49.362	3.548	51.050	0.79%	-3.3
			3750	3.639	49.334	3.606	50.982	0.92%	-3.2
			3900	3.808	49.098	3.781	50.779	0.71%	-3.3
			3930	3.839	49.083	3.816	50.738	0.60%	-3.2
			5180	5.259	48.020	5.276	49.041	-0.32%	-2.0
			5190	5.275	47.999	5.288	49.028	-0.25%	-2.1
			5200	5.284	47.983	5.299	49.014	-0.28%	-2.1
			5210	5.294	47.976	5.311	49.001	-0.32%	-2.0
			5220	5.309	47.955	5.323	48.987	-0.26%	-2.1
			5240	5.339	47.896	5.346	48.960	-0.13%	-2.1
			5250	5.350	47.875	5.358	48.947	-0.15%	-2.1
			5260	5.365	47.860	5.369	48.933	-0.07%	-2.1
			5270	5.383	47.837	5.381	48,919	0.04%	-2.2
			5280	5.401	47.812	5.393	48.906	0.15%	-2.2
			5290	5.414	47.784	5.404	48.892	0.19%	-2.2
			5300	5.427	47.767	5.416	48.879	0.20%	-2.2
			5310	5.441	47.761	5.428	48.865	0.24%	-2.2
			5320	5.456	47.748	5.439	48.851	0.31%	-2.2
			5500	5.713	47.418	5.650	48.607	1.12%	-2.4
			5510	5.723	47.395	5.661	48.594	1.10%	-2.4
			5520	5.734	47.375	5.673	48.580	1.08%	-2.4
			5530	5.750	47.360	5.685	48.566	1.14%	-2.4
			5540	5.768	47.339	5.696	48.553	1.26%	-2.5
			5550	5.783	47.319	5.708	48.539	1.31%	-2.5
			5560	5.796	47.302	5.720	48.526	1.33%	-2.5
6/23/2021	5200-5800 Body	22	5580	5.825	47.279	5.743	48.499	1.43%	-2.5
	Body	1	5600	5.852	47.228	5.766	48.471	1.49%	-2.5
	1	1	5610	5.867	47.211	5.778	48.458	1.54%	-2.5
	1	1	5620	5.885	47.195	5.790	48.444	1.64%	-2.5
	1	1	5640	5.912	47.150	5.813	48.417	1.70%	-2.6
			5660	5.937	47.119	5.837	48.390	1.71%	-2.6
			5670	5.958	47.106	5.848	48.376	1.88%	-2.6
			5680	5.974	47.085	5.860	48.363	1.95%	-2.6
			5690	5.984	47.063	5.872	48.349	1.91%	-2.6
		1	5700	5.996	47.039	5.883	48.336	1.92%	-2.6
	1	1	5710	6.013	47.011	5.895	48.322	2.00%	-2.7
	1	1	5720	6.030	46.986	5.907	48.309	2.08%	-2.7
		1	5745	6.064	46.951	5.936	48.275	2.16%	-2.7
	1	1	5750	6.071	46.946	5.942	48.268	2.17%	-2.7
		1	5755	6.081	46.934	5.947	48.261	2.25%	-2.7
	1	1	5765	6.095	46.910	5.959	48.248	2.28%	-2.7
	1	1	5775	6.107	46.885	5.971	48.234	2.28%	-2.8
		1	5785	6.121	46.863	5.982	48.220	2.32%	-2.8
	1	1	5795	6.136	46.846	5.994	48.207	2.37%	-2.8
	1		5800	6.146	46.839	6.000	48.200	2.43%	-2.8
			5805	6.153	46.821	6.006	48.193	2.45%	-2.8

The above measured tissue parameters were used in the DASY software. The DASY software was used to perform interpolation to determine the dielectric parameters at the SAR test device frequencies (per KDB Publication 865664 D01v01r04 and IEEE 1528-2013 6.6.1.2). The tissue parameters listed in the SAR test plots may slightly differ from the table above due to significant digit rounding in the software.

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9.2 Test System Verification

Prior to SAR assessment, the system is verified to $\pm 10\%$ of the SAR measurement on the reference dipole at the time of calibration by the calibration facility. Full system validation status and result summary can be found in Appendix D.

Table 9-4
System Verification Results – 1g

				tem	VEI	IIIC	aliO	11 1/4	esuits	<u> </u>		
							m Verifica					
						TARGE	T & MEAS	URED				
SAR System	Tissue Frequency (MHz)	Tissue Type	Date	Amb. Temp. (C)	Liquid Temp. (C)	Input Power (W)	Source SN	Probe SN	Measured SAR1g (W/kg)	1W Target SAR1g (W/kg)	1W Normalized SAR 1g (W/kg)	Deviation1g (%)
AM9	750	BODY	07/06/2021	21.1	21.1	0.20	1097	7638	1.72	8.41	8.600	2.26%
AM6	750	BODY	07/09/2021	22.1	20.0	0.20	1097	7416	1.75	8.41	8.750	4.04%
AM9	750	BODY	07/09/2021	22.9	21.0	0.20	1097	7638	1.68	8.41	8.400	-0.12%
AM6	750	BODY	07/11/2021	20.3	18.9	0.20	1097	7416	1.73	8.41	8.650	2.85%
AM6	750	BODY	08/03/2021	21.9	19.2	0.20	1097	7416	1.77	8.41	8.850	5.23%
AM5	835	BODY	07/21/2021	20.8	21.9	0.20	4d040	3949	1.81	9.53	9.050	-5.04%
AM3	850	BODY	07/04/2021	21.0	20.5	0.20	1010	7421	2.13	9.97	10.650	6.82%
AM3	850	BODY	07/12/2021	21.0	21.1	0.20	1010	7490	2.11	9.97	10.550	5.82%
AM3	850	BODY	07/14/2021	21.2	21.0	0.20	1010	3949	2.03	9.97	10.150	1.81%
AM4B	1750	BODY	07/13/2021	23.3	21.2	0.10	1083	7640	3.86	37.10	38.600	4.04%
AM4B	1750	BODY	07/16/2021	24.0	21.8	0.10	1083	7640	3.92	37.10	39.200	5.66%
AM10	1750	BODY	08/23/2021	21.0	21.3	0.10	1104	7639	3.48	36.30	34.800	-4.13%
AM4B	1900	BODY	06/30/2021	22.9	21.2	0.10	5d030	7640	4.12	39.90	41.200	3.26%
AM4B	1900	BODY	07/11/2021	23.1	23.0	0.10	5d030	7640	4.30	39.90	43.000	7.77%
AM1	2300	BODY	07/05/2021	21.1	20.7	0.10	1064	3837	4.74	48.40	47.400	-2.07%
AM2	2300	BODY	08/02/2021	20.9	20.7	0.10	1064	7532	4.83	48.40	48.300	-0.21%
AM8	2450	BODY	07/04/2021	22.5	21.8	0.10	750	7558	5.40	51.00	54.000	5.88%
AM8	2450	BODY	07/06/2021	22.3	21.4	0.10	750	7558	5.10	51.00	51.000	0.00%
AM2	2450	BODY	07/06/2021	21.8	21.2	0.10	750	7532	5.13	51.00	51.300	0.59%
AM5	2450	BODY	07/09/2021	21.8	21.8	0.10	750	3949	4.86	51.00	48.600	-4.71%
AM8	2450	BODY	07/14/2021	22.1	21.1	0.10	750	7558	5.32	51.00	53.200	4.31%
AM2	2450	BODY	07/29/2021	21.8	21.2	0.10	921	7532	5.23	50.80	52.300	2.95%
AM8	2600	BODY	07/04/2021	22.5	21.8	0.10	1042	7558	6.01	55.20	60.100	8.88%
AM8	2600	BODY	07/06/2021	22.3	21.4	0.10	1042	7558	5.50	55.20	55.000	-0.36%
AM5	2600	BODY	07/09/2021	21.8	21.8	0.10	1042	3949	5.47	55.20	54.700	-0.91%
AM8	2600	BODY	07/14/2021	22.1	21.1	0.10	1042	7558	5.75	55.20	57.500	4.17%
AM10	3500	BODY	07/12/2021	21.2	19.8	0.10	1055	7639	6.32	65.00	63.200	-2.77%
AM5	3500	BODY	07/13/2021	20.3	20.5	0.10	1055	7490	6.30	65.00	63.000	-3.08%
AM1	3500	BODY	07/15/2021	21.8	20.4	0.10	1055	3837	6.89	65.00	68.900	6.00%
AM10	3700	BODY	07/12/2021	21.2	19.8	0.10	1002	7639	6.36	64.70	63.600	-1.70%
AM5	3700	BODY	07/13/2021	20.3	20.5	0.10	1002	7490	6.28	64.70	62.800	-2.94%
AM1	3700	BODY	07/15/2021	21.8	20.4	0.10	1002	3837	6.57	64.70	65.700	1.55%
AM5	3900	BODY	07/13/2021	20.3	20.5	0.10	1062	7490	6.37	66.30	63.700	-3.92%
AM1	3900	BODY	07/15/2021	21.8	20.4	0.10	1062	3837	6.40	66.30	64.000	-3.47%
AM9	5250	BODY	06/23/2021	21.5	20.6	0.05	1123	7638	3.72	73.50	74.400	1.22%
AM9	5600	BODY	06/23/2021	21.5	20.6	0.05	1123	7638	4.01	77.40	80.200	3.62%
AM9	5750	BODY	06/23/2021	21.5	20.6	0.05	1123	7638	3.82	73.10	76.400	4.51%

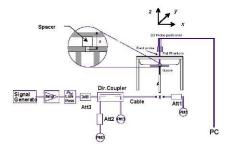


Figure 9-1 System Verification Setup Diagram



Figure 9-2
System Verification Setup Photo

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10.1 Standalone SAR Data

Table 10-1 UMTS 850 MHz Antenna 2 Body SAR

								MEAS	UREMENT F	RESULTS								
FREQUE	NCY	Mode	Service	Maximum Allowed Power	Conducted	Power	Position	Spacing	Antenna Config.	Device Serial	Duty	Side	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	Ch.			[dBm]	Power (dBm)	Drift [dB]				Number	Cycle		(W/kg)		(W/kg)	(W/kg)	(W/kg)	ldot
826.40	4132	UMTS 850	RMC	17.70	17.37	0.01	Body	0 mm	Antenna 2	LQG94JW07G	1:1	back	0.814	1.079	0.878	0.365	0.394	A1
836.60	4183	UMTS 850	RMC	17.70	17.36	0.01	Body	0 mm	Antenna 2	LQG94JW07G	1:1	back	0.717	1.081	0.775	0.327	0.353	
846.60	4233	UMTS 850	RMC	17.70	17.32	0.00	Body	0 mm	Antenna 2	LQG94JW07G	1:1	back	0.685	1.091	0.747	0.312	0.340	
826.40	826.40 4132 UMTS 850 RMC 17.70 17.37 -0.09								Antenna 2	LQG94JW07G	1:1	top	0.009	1.079	0.010	0.004	0.004	
826.40									Antenna 2	LQG94JW07G	1:1	bottom	0.466	1.079	0.503	0.226	0.244	
826.40	4132	UMTS 850	RMC	17.70	17.37	0.01	Body	0 mm	Antenna 2	LQG94JW07G	1:1	right	0.410	1.079	0.442	0.164	0.177	
826.40	4132	UMTS 850	RMC	17.70	17.37	0.19	Body	0 mm	Antenna 2	LQG94JW07G	1:1	left	0.038	1.079	0.041	0.019	0.021	
826.40	326.40 4132 UMTS 850 RMC 17.70 17.37 0.01 E							0 mm	Antenna 2	LQG94JW07G	1:1	back	0.780	1.079	0.842	0.363	0.392	
	ANSI / IEEE C95.1 1992 - SAFETY LIMIT							Body										
	Spatial Peak							İ				1	.6 W/kg (mV	V/g)				
	Uncontrolled Exposure/General Population							l .				ave	raged over 1	gram				

Note: Blue entry represents variability measurement.

Table 10-2 UMTS 850 MHz Antenna 4 Body SAR

								MEAS	UREMENT F	RESULTS								
FREQUE	NCY	Mode	Service	Maximum Allowed Power	Conducted	Power	Position	Spacing	Antenna Config.	Device Serial	Duty	Side	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	Ch.			[dBm]	Power [dBm]	Drift [dB]				Number	Cycle		(W/kg)		(W/kg)	(W/kg)	(W/kg)	
826.40	4132	UMTS 850	RMC	18.80	17.87	-0.06	Body	0 mm	Antenna 4	WWY4QW7W9Q	1:1	back	0.786	1.239	0.974	0.385	0.477	
836.60	4183	UMTS 850	RMC	18.80	17.89	-0.05	Body	0 mm	Antenna 4	WWY4QW7W9Q	1:1	back	0.743	1.233	0.916	0.365	0.450	
846.60	4233	UMTS 850	RMC	18.80	17.85	-0.05	Body	0 mm	Antenna 4	WWY4QW7W9Q	1.245	0.884	0.350	0.436				
836.60 4183 UMTS 850 RMC 18.80 17.89 0.03								0 mm	Antenna 4	WWY4QW7W9Q	1:1	top	0.457	1.233	0.563	0.241	0.297	
836.60	4183	UMTS 850	RMC	18.80	17.89	0.15	Body	0 mm	Antenna 4	WWY4QW7W9Q	1:1	bottom	0.012	1.233	0.015	0.006	0.007	
836.60	4183	UMTS 850	RMC	18.80	17.89	0.19	Body	0 mm	Antenna 4	WWY4QW7W9Q	1:1	right	0.046	1.233	0.067	0.023	0.028	
836.60	836.60 4183 UMTS 850 RMC 18.80 17.89 0.00 E							0 mm	Antenna 4	WWY4QW7W9Q	1:1	left	0.543	1.233	0.670	0.232	0.286	
	ANSI / IEEE C95.1 1992 - SAFETY LIMIT							Body										
	Spatial Peak							l				1	.6 W/kg (mV	//g)				
	Uncontrolled Exposure/General Population							averaged over 1 gram										

Table 10-3 UMTS 1750 MHz Antenna 2 Body SAR

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								MEAS	UREMENT F	RESULTS								
FREQUE	NCY	Mode	Service	Maximum Allowed Power	Conducted Power (dBm)	Power Drift (dB)	Position	Spacing	Antenna Config.	Device Serial Number	Duty Cycle	Side	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot #
MHz	Ch.			[dBm]	rower (dbill)	Driit (dB)				Number	Cycle		(W/kg)		(W/kg)	(W/kg)	(W/kg)	
1712.40	1312	UMTS 1750	RMC	14.10	12.47	-0.03	Body	0 mm	Antenna 2	YDHKFG44JX	1:1	back	0.531	1.455	0.773	0.253	0.368	
1712.40	1312	UMTS 1750	RMC	14.10	12.47	0.00	Body	0 mm	Antenna 2	YDHKFG44JX	1:1	top	0.000	1.455	0.000	0.000	0.000	
1712.40	1312	UMTS 1750	RMC	14.10	12.47	-0.01	Body	dy 0 mm Antenna 2 YDHKFG44JX 1:1 bottom 0.584 1.455 0.850 0.242 0.									0.352	
1732.40	82.40 1412 UMTS 1750 RMC 14.10 12.41 -0.01								Antenna 2	YDHKFG44JX	1:1	bottom	0.583	1.476	0.861	0.243	0.359	
1752.60	1513	UMTS 1750	RMC	14.10	12.36	0.03	Body	0 mm	Antenna 2	YDHKFG44JX	1:1	bottom	0.550	1.493	0.821	0.231	0.345	
1712.40	1312	UMTS 1750	RMC	14.10	12.47	-0.05	Body	0 mm	Antenna 2	YDHKFG44JX	1:1	right	0.505	1.455	0.735	0.198	0.288	
1712.40	1312	UMTS 1750	RMC	14.10	12.47	0.16	Body	0 mm	Antenna 2	YDHKFG44JX	1:1	left	0.001	1.455	0.001	0.000	0.000	
	ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Body 1.6 Wkg (mW/g) averaged over 1 gram										

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Table 10-4 UMTS 1750 MHz Antenna 4 Body SAR

												,						
								MEAS	UREMENT F	RESULTS								
FREQUE	NCY	Mode	Service	Maximum Allowed Power	Conducted Power (dBm)	Power Drift [dB]	Position	Spacing	Antenna Config.	Device Serial Number	Duty Cycle	Side	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	Ch.			[dBm]	Power (asm)	Drift (dB)			_	Number	Cycle		(W/kg)		(W/kg)	(W/kg)	(W/kg)	
1712.40	1312	UMTS 1750	RMC	14.30	13.26	-0.01	Body	0 mm	Antenna 4	D6WL24FM99	1:1	back	0.690	1.271	0.877	0.302	0.384	
1732.40	1412	UMTS 1750	RMC	14.30	13.15	-0.03	Body	0 mm	Antenna 4	D6WL24FM99	1:1	back	0.595	1.303	0.775	0.284	0.370	
1752.60	1513	UMTS 1750	RMC	14.30	12.90	0.00	Body	0 mm	Antenna 4	D6WL24FM99	1:1	back	0.650	1.380	0.897	0.282	0.389	
1712.40	1312	UMTS 1750	RMC	14.30	13.26	-0.01	Body	0 mm	Antenna 4	D6WL24FM99	1:1	top	0.696	1.271	0.885	0.288	0.366	
1732.40	1412	UMTS 1750	RMC	14.30	13.15	-0.05	Body	0 mm	Antenna 4	D6WL24FM99	1:1	top	0.651	1.303	0.848	0.263	0.343	
1752.60	1513	UMTS 1750	RMC	14.30	12.90	-0.04	Body	0 mm	Antenna 4	D6WL24FM99	1:1	top	0.622	1.380	0.858	0.259	0.357	
1712.40	1312	UMTS 1750	RMC	14.30	13.26	0.21	Body	0 mm	Antenna 4	D6WL24FM99	1:1	bottom	0.007	1.271	0.009	0.003	0.004	
1712.40	1312	UMTS 1750	RMC	14.30	13.26	-0.04	Body	/ 0 mm Antenna 4 D6WL24FM99 1:1 right						1.271	0.072	0.027	0.034	
1712.40								0 mm	Antenna 4	D6WL24FM99	1:1	left	0.526	1.271	0.669	0.215	0.273	
	ANSI / IEEE C95.1 1992 - SAFETY LIMIT												Body					
	Spatial Peak							l				1	.6 W/kg (mV	V/g)				
	Uncontrolled Exposure/General Population							averaged over 1 gram										

Table 10-5 UMTS 1750 MHz Antenna 1b Body SAR

								MEAS	UREMENT F	RESULTS									
FREQUE	NCY	Mode	Service	Maximum Allowed Power	Conducted	Power	Position	Spacing	Antenna Config.	Device Serial	Duty	Side	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#	
MHz	Ch.			[dBm]	Power [dBm]	Drift [dB]				Number	Cycle		(W/kg)		(W/kg)	(W/kg)	(W/kg)	1.2.1	
1712.40	1312	UMTS 1750	RMC	12.20	11.33	0.03	Body	0 mm	Antenna 1b	F52K46M4N3	1:1	back	0.729	1.222	0.891	0.292	0.357		
1732.40	1412	UMTS 1750	RMC	12.20	11.34	0.01	Body	0 mm	Antenna 1b	F52K46M4N3	1:1	back	0.734	1.219	0.895	0.292	0.356	A2	
1752.60	1513	UMTS 1750	RMC	12.20	11.31	-0.02	Body	0 mm	Antenna 1b	F52K46M4N3	1:1	1.227	0.896	0.291	0.357				
1732.40	1412	UMTS 1750	RMC	12.20	11.34	0.16	Body	0 mm	Antenna 1b	F52K46M4N3	1:1	top	0.003	1.219	0.004	0.001	0.001		
1732.40	1412	UMTS 1750	RMC	12.20	11.34	-0.05	Body	0 mm	Antenna 1b	F52K46M4N3	1:1	bottom	0.507	1.219	0.618	0.208	0.254		
1732.40	1412	UMTS 1750	RMC	12.20	11.34	0.12	Body	0 mm	Antenna 1b	F52K46M4N3	1:1	right	0.016	1.219	0.020	0.007	0.009		
1732.40 1412 UMTS 1750 RMC 12.20 11.34 0.11							Body	0 mm	Antenna 1b	F52K46M4N3	1:1	left	0.031	1.219	0.038	0.014	0.017		
	ANSI / IEEE C95.1 1992 - SAFETY LIMIT								Body										
	Spatial Peak							İ				1	.6 W/kg (mV	V/g)					
		Uncontro	olled Exposure/	General Popu	lation			averaged over 1 gram											

Table 10-6 UMTS 1750 MHz Antenna 3b Body SAR

	00																	
								MEAS	UREMENT F	RESULTS								
FREQUE	NCY	Mode	Service	Maximum Allowed Power	Conducted Power (dBm)	Power Drift (dB1	Position	Spacing	Antenna Config.	Device Serial Number	Duty	Side	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	Ch.			(dBm)	Power (asm)	Drint (dB)			_	Number	Cycle		(W/kg)		(W/kg)	(W/kg)	(W/kg)	
1712.40	1312	UMTS 1750	RMC	13.20	11.73	0.04	Body	0 mm	Antenna 3b	T3Y6XQC446	1:1	back	0.675	1.403	0.947	0.279	0.391	
1732.40	1412	UMTS 1750	RMC	13.20	11.70	-0.02	Body	0 mm	Antenna 3b	T3Y6XQC446	1:1	back	0.693	1.413	0.979	0.285	0.403	
1752.60	1513	UMTS 1750	RMC	13.20	11.72	0.01	Body	0 mm	Antenna 3b	T3Y6XQC446	1:1	back	0.710	1.406	0.998	0.290	0.408	
1712.40	1312	UMTS 1750	RMC	13.20	11.73	-0.06	Body	0 mm	Antenna 3b	T3Y6XQC446	1:1	top	0.671	1.403	0.941	0.285	0.400	
1732.40	1412	UMTS 1750	RMC	13.20	11.70	-0.02	Body	0 mm	Antenna 3b	T3Y6XQC446	1:1	top	0.646	1.413	0.913	0.275	0.389	
1752.60	1513	UMTS 1750	RMC	13.20	11.72	0.01	Body	0 mm	Antenna 3b	T3Y6XQC446	1:1	top	0.620	1.406	0.872	0.262	0.368	
1712.40	1312	UMTS 1750	RMC	13.20	11.73	0.11	Body	0 mm	Antenna 3b	T3Y6XQC446	1:1	bottom	0.099	1.403	0.139	0.044	0.062	
1712.40	1312	UMTS 1750	RMC	13.20	11.73	0.13	Body	0 mm	Antenna 3b	T3Y6XQC446	1:1	right	0.049	1.403	0.069	0.023	0.032	
1712.40	1312	UMTS 1750	RMC	13.20	11.73	0.18	Body	0 mm	Antenna 3b	T3Y6XQC446	1:1	left	0.025	1.403	0.035	0.013	0.018	
		ANSI/	IEEE C95.1 199	2 - SAFETY L	IMIT			Body										
			Spatial F	Peak				1.6 W/kg (mW/g)										
	Uncontrolled Exposure/General Population							averaged over 1 gram										

Table 10-7 UMTS 1900 MHz Antenna 2 Body SAR

								z z z z z z z z z z z z z z z z z										
								MEAS	UREMENT F	RESULTS								
FREQUE	FREQUENCY Mode Service Allowed Power Power (dBm) Drift (dB) Potential Power Power (dBm) Drift (dB) Potential Power (dBm) Drift (dB) Potential Power (dBm) Drift (dB) Power (dBm) Drift (dB) Power (dBm) Drift (dB) Power (dBm) Power (dBm) Power (dBm) Drift (dB) Power (dBm)						Spacing	Antenna Config.	Device Serial Number	Duty Cycle	Side	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#	
MHz	Ch.			[dBm]	Power (asm)	Drint (dB)				Number	Cycle		(W/kg)		(W/kg)	(W/kg)	(W/kg)	
1880.00	9400	UMTS 1900	RMC	13.80	13.30	0.08	Body	0 mm	Antenna 2	352797110566556	1:1	back	0.625	1.122	0.701	0.273	0.306	
1880.00	9400	UMTS 1900	RMC	13.80	13.30	-0.14	Body	0 mm	Antenna 2	352797110566556	1:1	top	0.012	1.122	0.013	0.002	0.002	
1880.00	9400	UMTS 1900	RMC	13.80	13.30	0.01	Body	0 mm	Antenna 2	352797110566556	1:1	bottom	0.628	1.122	0.705	0.259	0.291	
1852.40	9262	UMTS 1900	RMC	13.80	13.22	0.03	Body	0 mm	Antenna 2	352797110566556	1:1	right	0.717	1.143	0.820	0.284	0.325	
1880.00	9400	UMTS 1900	RMC	13.80	13.30	-0.03	Body	0 mm	Antenna 2	352797110566556	1:1	right	0.694	1.122	0.779	0.278	0.312	
1907.60	9538	UMTS 1900	RMC	13.80	13.19	0.02	Body	0 mm	Antenna 2	352797110566556	1:1	right	0.667	1.151	0.768	0.266	0.306	
1880.00	1880.00 9400 UMTS 1900 RMC 13.80 13.30 0.17 Body								0 mm Antenna 2 352797110566556 1:1 left 0.005 1.122 0.006 0.002 0.002									
	ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Body 1.6 W/kg (mW/g) averaged over 1 gram										

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Table 10-8 UMTS 1900 MHz Antenna 4 Body SAR

	<u> </u>																	
								MEAS	MEASUREMENT RESULTS									
FREQUE	NCY	Mode	Service	Maximum Allowed Power	Conducted Power (dBm)	Power Drift (dB1	Position	Spacing	Antenna Config.	Device Serial Number	Duty Cycle	Side	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	Ch.			[dBm]	Power (aBm)	Drint (dB)			-	Number	Cycle		(W/kg)		(W/kg)	(W/kg)	(W/kg)	
1852.40	9262	UMTS 1900	RMC	14.00	12.32	-0.05	Body	0 mm	Antenna 4	352797110566556	1:1	back	0.491	1.472	0.723	0.213	0.314	
1852.40	9262	UMTS 1900	RMC	14.00	12.32	0.00	Body	0 mm	Antenna 4	352797110566556	1:1	top	0.596	1.472	0.877	0.245	0.361	
1880.00	9400	UMTS 1900	RMC	14.00	12.17	0.02	Body	0 mm	Antenna 4	352797110566556	1:1	top	0.592	1.524	0.902	0.243	0.370	
1907.60	9538	UMTS 1900	RMC	14.00	12.24	-0.01	Body	0 mm	Antenna 4	352797110566556	1:1	top	0.585	1.500	0.878	0.240	0.360	
1852.40	9262	UMTS 1900	RMC	14.00	12.32	0.00	Body	0 mm	Antenna 4	352797110566556	1:1	bottom	0.000	1.472	0.000	0.000	0.000	
1852.40	9262	UMTS 1900	RMC	14.00	12.32	0.12	Body	0 mm	Antenna 4	352797110566556	1:1	right	0.000	1.472	0.000	0.000	0.000	
1852.40	9262	UMTS 1900	RMC	14.00	12.32	0.04	Body	0 mm	Antenna 4	352797110566556	1:1	left	0.634	1.472	0.933	0.259	0.381	
1880.00	9400	UMTS 1900	RMC	14.00	12.17	0.06	Body	0 mm	Antenna 4	352797110566556	1:1	left	0.642	1.524	0.978	0.260	0.396	
1907.60	1907.60 9538 UMTS 1900 RMC 14.00 12.24 0.04 Bo								Antenna 4	352797110566556	1:1	left	0.662	1.500	0.993	0.268	0.402	
		ANSI/	EEE C95.1 199 Spatial F		IMIT			Body 1.6 W/kg (mW/g)										
	Uncontrolled Exposure/General Population							averaged over 1 gram										

Table 10-9 UMTS 1900 MHz Antenna 1b Body SAR

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								MEAS	UREMENT I	RESULTS									
FREQUE	NCY	Mode	Service	Maximum Allowed Power	Conducted Power (dBm)	Power Drift (dB)	Position	Spacing	Antenna Config.	Device Serial Number	Duty Cycle	Side	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#	
MHz	Ch.			[dBm]	Power (aBm)	Drift (dB)			_	Number	Cycle		(W/kg)		(W/kg)	(W/kg)	(W/kg)		
1852.40	9262	UMTS 1900	RMC	11.20	10.75	0.04	Body	0 mm	Antenna 1b	352797110566556	1:1	back	0.700	1.109	0.776	0.282	0.313		
1880.00	9400	UMTS 1900	RMC	11.20	10.80	0.02	Body	0 mm	Antenna 1b	352797110566556	1:1	back	0.713	1.096	0.781	0.281	0.308		
1907.60	9538	UMTS 1900	RMC	11.20	10.63	0.06	Body	0 mm	Antenna 1b	352797110566556	1:1	back	0.645	1.140	0.735	0.257	0.293		
1880.00	9400	UMTS 1900	RMC	11.20	10.80	0.14	Body	0 mm	Antenna 1b	352797110566556	1:1	top	0.010	1.096	0.011	0.001	0.001		
1880.00	9400	UMTS 1900	RMC	11.20	10.80	0.02	Body	0 mm	Antenna 1b	352797110566556	1:1	bottom	0.392	1.096	0.430	0.165	0.181		
1880.00	9400	UMTS 1900	RMC	11.20	10.80	-0.12	Body	0 mm	Antenna 1b	352797110566556	1:1	right	0.015	1.096	0.016	0.006	0.007		
1880.00	9400	UMTS 1900	RMC	11.20	Body	0 mm	Antenna 1b	352797110566556	1:1	left	0.043	1.096	0.047	0.020	0.022				
	ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population								Body 1.6 W/kg (mW/g)										
	Uncontrolled Exposure/General Population							averaged over 1 gram											

Table 10-10 UMTS 1900 MHz Antenna 3b Body SAR

_								min 7 mile min ele Deuly e, m										
								MEAS	UREMENT I	RESULTS								
FREQUE	NCY	Mode	Service	Maximum Allowed Power	Conducted	Power Drift (dB1	Position	Spacing	Antenna Config.	Device Serial	Duty	Side	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	Ch.			[dBm]	Power [dBm]	Drift (aB)				Number	Cycle		(W/kg)		(W/kg)	(W/kg)	(W/kg)	
1852.40	9262	UMTS 1900	RMC	12.50	11.32	-0.13	Body	0 mm	Antenna 3b	352797110566556	1:1	back	0.696	1.312	0.913	0.283	0.371	
1880.00	9400	UMTS 1900	RMC	12.50	11.26	-0.13	Body	0 mm	Antenna 3b	352797110566556	1:1	back	0.709	1.330	0.943	0.289	0.384	
1907.60	9538	UMTS 1900	RMC	12.50	11.30	-0.14	Body	0 mm	Antenna 3b	352797110566556	1:1	back	0.754	1.318	0.994	0.303	0.399	A3
1852.40	9262	UMTS 1900	RMC	12.50	11.32	0.05	Body	0 mm	Antenna 3b	352797110566556	1:1	top	0.615	1.312	0.807	0.258	0.338	
1880.00	9400	UMTS 1900	RMC	12.50	11.26	-0.01	Body	0 mm	Antenna 3b	352797110566556	1:1	top	0.633	1.330	0.842	0.265	0.352	
1907.60	9538	UMTS 1900	RMC	12.50	11.30	-0.03	Body	0 mm	Antenna 3b	352797110566556	1:1	top	0.647	1.318	0.853	0.271	0.357	
1852.40	9262	UMTS 1900	RMC	12.50	11.32	-0.12	Body	0 mm	Antenna 3b	352797110566556	1:1	bottom	0.004	1.312	0.005	0.001	0.001	
1852.40	9262	UMTS 1900	RMC	12.50	11.32	0.11	Body	0 mm	Antenna 3b	352797110566556	1:1	right	0.046	1.312	0.060	0.021	0.028	
1852.40	9262	UMTS 1900	RMC	12.50	11.32	-0.09	Body	0 mm	Antenna 3b	352797110566556	1:1	left	0.015	1.312	0.020	0.007	0.009	
		ANSI/	IEEE C95.1 199	2 - SAFETY L	IMIT			Body										
			Spatial F	Peak				1.6 W/kg (mW/g)										
	Uncontrolled Exposure/General Population							averaged over 1 gram										

Table 10-11 LTE Band 71 Antenna 2 Body SAR

ETE Band TI Antenna 2 Body OAK																						
									MEA	SUREMENT R	ESULTS											
В	REQUENC	Y	Mode	Bandwidth (MHz)	Maximum Allowed Power (dBm)	Conducted Power (dBm)	Power Drift (dB1	MPR (dB)	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz		h.		[MINZ]	Power (dbm)	Power (dbm)	Drint (db)			Number						Суси	(Wikg)		(W/kg)	(Wikg)	(Wkg)	
680.50	133297	Mid	LTE Band 71	20	18.50	17.45	0.00	0	Antenna 2	N14X7HKHFY	QPSK	-1	0	0 mm	back	1:1	0.678	1.274	0.864	0.251	0.320	
680.50	133297	Mid	LTE Band 71	20	18.50	17.47	-0.02	0	Antenna 2	N14X7HKHFY	QPSK	50	0	0 mm	back	1:1	0.630	1.268	0.799	0.239	0.303	
680.50	133297	Mid	LTE Band 71	20	18.50	17.44	-0.01	0	Antenna 2	N14X7HKHFY	QPSK	100	0	0 mm	back	1:1	0.671	1.276	0.856	0.246	0.314	
680.50	133297	Mid	LTE Band 71	20	18.50	17.45	0.15	0	Antenna 2	N14X7HKHFY	QPSK	-1	0	0 mm	top	1:1	0.013	1.274	0.017	0.006	0.008	
680.50	133297	Mid	LTE Band 71	20	18.50	17.47	-0.05	0	Antenna 2	N14X7HKHFY	QPSK	50	0	0 mm	top	1:1	0.012	1.268	0.015	0.006	0.008	
680.50	133297	Mid	LTE Band 71	20	18.50	17.45	-0.07	0	Antenna 2	N14X7HKHFY	QPSK	- 1	0	0 mm	bottom	1:1	0.415	1.274	0.529	0.185	0.236	
680.50	133297	Mid	LTE Band 71	20	18.50	17.47	0.01	0	Antenna 2	N14X7HKHFY	QPSK	50	0	0 mm	bottom	1:1	0.433	1.268	0.549	0.190	0.241	
680.50	133297	Mid	LTE Band 71	20	18.50	17.45	-0.07	0	Antenna 2	N14X7HKHFY	QPSK	1	0	0 mm	right	1:1	0.361	1.274	0.460	0.128	0.163	
680.50	133297	Mid	LTE Band 71	20	18.50	17.47	-0.03	0	Antenna 2	N14X7HKHFY	QPSK	50	0	0 mm	right	1:1	0.356	1.268	0.451	0.129	0.164	
680.50	133297	Mid	LTE Band 71	20	18.50	17.45	-0.19	0	Antenna 2	N14X7HKHFY	QPSK	1	0	0 mm	left	1:1	0.038	1.274	0.048	0.017	0.022	
680.50								0	Antenna 2	N14X7HKHFY	QPSK	50	0	0 mm	left	1:1	0.035	1.268	0.044	0.017	0.022	
	ANSI / IEEE C95.1 1992 - SAFETY LIMIT							Body														
	Spatial Peak							1.6 W/kg (mW/g)														
	Uncontrolled Exposure/General Population							averaged over 1 gram														

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Table 10-12 LTE Band 71 Antenna 4 Body SAR

																						_
									ME	ASUREMENT	RESULTS											
FR	EQUENCY		Mode	Bandwidth (MHz)	Maximum Allowed	Conducted Power (dBm)	Power Drift [dB]	MPR (dB)	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot #
MHz	Ci	7		(MITZ)	Power [dBm]	Power (abm)	Drint (db)			Number						Суси	(Wkg)		(Wkg)	(Wkg)	(Wkg)	
680.50	133297	Mid	LTE Band 71	20	20.50	19.33	-0.16	0	Antenna 4	D6WL24FM99	QPSK	-1	0	0 mm	back	1:1	0.741	1.309	0.970	0.351	0.459	A4
680.50	133297	Mid	LTE Band 71	20	20.50	19.35	-0.17	0	Antenna 4	D6WL24FM99	QPSK	50	25	0 mm	back	1:1	0.652	1.303	0.850	0.320	0.417	
680.50	133297	Mid	LTE Band 71	20	20.50	19.30	-0.16	0	Antenna 4	D6WL24FM99	QPSK	100	0	0 mm	back	1:1	0.659	1.318	0.869	0.321	0.423	
680.50	133297	Mid	LTE Band 71	20	20.50	19.33	0.02	0	Antenna 4	D6WL24FM99	QPSK	-1	0	0 mm	top	1:1	0.336	1.309	0.440	0.162	0.212	
680.50	133297	Mid	LTE Band 71	20	20.50	19.35	-0.02	0	Antenna 4	D6WL24FM99	QPSK	50	25	0 mm	top	1:1	0.344	1.303	0.448	0.165	0.215	
680.50	133297	Mid	LTE Band 71	20	20.50	19.33	-0.11	0	Antenna 4	D6WL24FM99	QPSK	-1	0	0 mm	bottom	1:1	0.026	1.309	0.034	0.013	0.017	
680.50	133297	Mid	LTE Band 71	20	20.50	19.35	0.04	0	Antenna 4	D6WL24FM99	QPSK	50	25	0 mm	bottom	1:1	0.025	1.303	0.033	0.012	0.016	
680.50	133297	Mid	LTE Band 71	20	20.50	19.33	-0.21	0	Antenna 4	D6WL24FM99	QPSK	- 1	0	0 mm	right	1:1	0.055	1.309	0.072	0.024	0.031	
680.50	133297	Mid	LTE Band 71	20	20.50	19.35	-0.09	0	Antenna 4	D6WL24FM99	QPSK	50	25	0 mm	right	1:1	0.067	1.303	0.087	0.029	0.038	
680.50	133297	Mid	LTE Band 71	20	20.50	19.33	-0.01	0	Antenna 4	D6WL24FM99	QPSK	1	0	0 mm	left	1:1	0.468	1.309	0.613	0.175	0.229	
680.50	133297	Mid	LTE Band 71	20	20.50	19.35	-0.10	0	Antenna 4	D6WL24FM99	QPSK	50	25	0 mm	left	1:1	0.434	1.303	0.566	0.166	0.216	
			ANSI / IEEE C95.1 19 Spatial	Peak										1.6 V	Body //kg (mW							
			Uncontrolled Exposur	e/General Po	opulation									average	ed over 1	gram						

Table 10-13 LTE Band 12 Antenna 2 Body SAR

Professional Confession Profession Pro															,								
Part Part										ME	ASUREMENT	RESULTS											
	FR	EQUENCY	,	Mode					MPR (dB)	Antenna Config.		Modulation	RB Size	RB Offset	Spacing	Side		SAR (1g)	Scaling Factor		SAR (10g)	Reported SAR (10g)	Plot #
707.00 2006 Mod LTE Band 12 10 18.00 17.38 0.01 0 Anterna 2 N14X7999FY 0PSK 25 25 0 mm bank 1:1 0.657 1.294 0.850 0.283 0.38 0.38 0.38 0.39 0.39 0.39 0.39 0.39 0.39 0.39 0.39	MHz	C	h.		[MHz]	Power [dBm]	Power [dBm]	Drift [dB]			Number						Cycle	(Wkg)		(Wkg)	(Wkg)	(Wkg)	
707.00 2005 Md LTE Band 12 10 18.00 17.28 -0.03 0 Answer 2 N1467969FV CPSK 50 0 0 mm basis 1.1 6.670 1.330 0.881 0.202 0.38 707.00 2005 Md LTE Band 12 10 18.00 17.27 0.12 0 Answer 2 N1467969FV CPSK 1 49 0 mm basis 1.1 6.670 1.330 0.881 0.202 0.38 707.00 2005 Md LTE Band 12 10 18.00 17.37 0.012 0 Answer 2 N1467969FV CPSK 25 25 20 0 mm basis 1.1 6.014 1.327 0.014 0.006 0.008 0.00 707.00 2005 Md LTE Band 12 10 18.00 17.27 0.014 0 Answer 2 N1467969FV CPSK 25 25 26 0 mm basis 1.1 6.015 1.327 0.014 0.209 0.027 0.000 707.00 2005 Md LTE Band 12 10 18.00 17.27 0.014 0 Answer 2 N1467969FV CPSK 25 25 26 0 mm basis 1.1 6.015 1.327 0.016 0.008 0.00 707.00 2005 Md LTE Band 12 10 18.00 17.38 0.02 0 Answer 2 N1467969FV CPSK 25 25 26 0 mm basis 1.1 6.016 1.327 0.016 0.028 0.028 707.00 2005 Md LTE Band 12 10 18.00 17.38 0.02 0 Answer 2 N1467969FV CPSK 25 25 26 0 mm basis 1.1 6.016 1.324 0.056 0.218 0.028 707.00 2005 Md LTE Band 12 10 18.00 17.38 0.02 0 Answer 2 N1467969FV CPSK 25 26 0 mm basis 1.1 6.016 1.324 0.056 0.0218 0.028 707.00 2005 Md LTE Band 12 10 18.00 17.38 0.02 0 Answer 2 N1467969FV CPSK 25 0.00 mm basis 1.1 6.015 1.327 0.000 0.021 0.000 0.0	707.50	23095	Mid	LTE Band 12	10	18.50	17.27	-0.01	0	Antenna 2	N14X7HKHFY	QPSK	- 1	49	0 mm	back	1:1	0.643	1.327	0.853	0.273	0.362	
77 02 2006 Md LTE Bard 12 10 18.00 17.27 0.02 0 America N1467969F 0PSK 1 4 40 0mm log 11 6.014 1.327 0.019 0.007 0.000 0.007 0.007 0.007 0.007 0.007 0.007 0.007 0.007 0.007 0.007 0.007 0.008 0.007 0.008 0.007 0.008 0.007 0.008 0	707.50	23095	Mid	LTE Band 12	10	18.50	17.38	0.01	0	Antenna 2	N14X7HKHFY	QPSK	25	25	0 mm	back	1:1	0.657	1.294	0.850	0.283	0.366	
707.00 2006 Md LTEBand 12 10 18.00 17.38 -0.13 0 Anterna 2 N14X7969FY OPBK 25 25 0mm top 1:1 0.012 1.294 0.016 0.008 0.000 0.007 0.000 0.0	707.50	23095	Mid	LTE Band 12	10	18.50	17.26	-0.03	0	Antenna 2	N14X7HKHFY	QPSK	50	0	0 mm	back	1:1	0.670	1.330	0.891	0.292	0.388	A5
707.00 2006 Md LTEBard 12 10 18.00 17.27 0.04 0 Answar 2 N1407999FY OPBK 1 49 0 mm below 11 0.465 1.327 0.644 0.209 0.27 0.29 0.29 0.27 0.20 0.20 0.27 0.20 0.20 0.27 0.20 0.20	707.50	23095	Mid	LTE Band 12	10	18.50	17.27	-0.12	0	Antenna 2	N14X7HKHFY	QPSK	-1	49	0 mm	top	1:1	0.014	1.327	0.019	0.007	0.009	
707-00 2005 Mag LTE Band 12 10 18.00 17.38 0.02 0 Amurus 2 N1607969FV CPSK 25 25 0 mm 6xmm 11 0.008 1.294 0.665 0.218 0.228 707-00 2005 Mag LTE Band 12 10 18.00 17.77 0.04 0 Amurus 2 N1607969FV CPSK 1 49 0 mm 6xm 11 0.008 1.294 0.665 0.218 0.228 0.708 0.200 Mag LTE Band 12 10 18.00 17.38 0.01 0 Amurus 2 N1607969FV CPSK 2 0.008 0.00 mm 6xm 11 0.008 1.294 0.070 0.07	707.50	23095	Mid	LTE Band 12	10	18.50	17.38	-0.13	0	Antenna 2	N14X7HKHFY	QPSK	25	25	0 mm	top	1:1	0.012	1.294	0.016	0.006	0.008	
707-50 2005 Md LTE Band 12 10 18:50 17:27 -0.04 0 Antonno 2 N14X7199FFV CPSK 1 49 0mm fight 1:1 0.519 1:327 0.689 0.176 0.205 707-50 2005 Md LTE Band 12 10 18:50 17:38 -0.01 0 Antonno 2 N14X7199FFV CPSK 25 25 0mm fight 1:1 0.515 1:204 0.679 0.175 0.22 707-50 2006 Md LTE Band 12 10 18:50 17:27 0.12 0 Antonno 2 N14X7199FFV CPSK 1 49 0mm ket 1:1 0.045 1:327 0.080 0.000 0.000	707.50	23095	Mid	LTE Band 12	10	18.50	17.27	-0.04	0	Antenna 2	N14X7HKHFY	QPSK	- 1	49	0 mm	bottom	1:1	0.485	1.327	0.644	0.209	0.277	
707.00 2005 Md LTE Band 12 10 18.00 17.38 -0.01 0 Anterna 2 N14X7H99FY CPSK 25 25 0mm fight 1:1 0.035 1.294 0.079 0.175 0.225 707.50 2005 Md LTE Band 12 10 18.50 17.27 -0.12 0 Anterna 2 N14X7H99FY CPSK 1 49 0mm laft 1:1 0.045 1.327 0.060 0.030 0.020	707.50	23095	Mid	LTE Band 12	10	18.50	17.38	0.02	0	Antenna 2	N14X7HKHFY	QPSK	25	25	0 mm	bottom	1:1	0.506	1.294	0.655	0.218	0.282	
707.50 20095 Mid LTE Band 12 10 18.50 17.27 0.12 0 Anterna 2 N14X7H9FPY QPSK 1 49 0 mm left 1:1 0.045 1.327 0.060 0.000 0.000	707.50	23095	Mid	LTE Band 12	10	18.50	17.27	-0.04	0	Antenna 2	N14X7HKHFY	QPSK	- 1	49	0 mm	right	1:1	0.519	1.327	0.689	0.176	0.234	
	707.50	23095	Mid	LTE Band 12	10	18.50	17.38	-0.01	0	Antenna 2	N14X7HKHFY	QPSK	25	25	0 mm	right	1:1	0.525	1.294	0.679	0.175	0.226	
	707.50	23095	Mid	LTE Band 12	10	18.50	17.27	-0.12	0	Antenna 2	N14X7HKHFY	QPSK	- 1	49	0 mm	left	1:1	0.045	1.327	0.060	0.020	0.027	
	707.50	23095	Mid	LTE Band 12	10	18.50	17.38	-0.02	0	Antenna 2	N14X7HKHFY	QPSK	25	25	0 mm	left	1:1	0.042	1.294	0.054	0.018	0.023	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Body						LIMIT																	
Spatial Peak 1.6 W/kg (mW/g)				Spatia	Peak										1.6 V	V/kg (mW	V/g)						
Uncontrolled Exposure/General Population averaged over 1 gram				Uncontrolled Exposur	e/General Po	pulation									averag	ed over 1	gram						

Table 10-14 LTE Band 12 Antenna 4 Body SAR

														,								
									ME	ASUREMENT	RESULTS											
FR	EQUENCY		Mode	Bandwidth (MHz)	Maximum Allowed	Conducted Power [dBm]	Power Drift (dB1	MPR (dB)	Antenna Config.	Device Serial	Modulation	RB Size	RB Offset	Spacing	Side	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot #
MHz	Ci	L.		[MHz]	Power [dBm]	Power [dBm]	Drift [dB]			Number						Cycle	(W/kg)		(W/kg)	(Wkg)	(Wkg)	
707.50	23095	Mid	LTE Band 12	10	18.90	17.51	-0.17	0	Antenna 4	T3Y6XQC446	QPSK	1	0	0 mm	back	1:1	0.580	1.377	0.799	0.285	0.392	
707.50	23095	Mid	LTE Band 12	10	18.90	17.72	-0.10	0	Antenna 4	T3Y6XQC446	QPSK	25	12	0 mm	back	1:1	0.588	1.312	0.771	0.304	0.399	
707.50	23095	Mid	LTE Band 12	10	18.90	17.51	-0.08	0	Antenna 4	T3Y6XQC446	QPSK	1	0	0 mm	top	1:1	0.299	1.377	0.412	0.145	0.200	
707.50	23095	Mid	LTE Band 12	10	18.90	17.72	0.01	0	Antenna 4	T3Y6XQC446	QPSK	25	12	0 mm	top	1:1	0.305	1.312	0.400	0.147	0.193	
707.50	23095	Mid	LTE Band 12	10	18.90	17.51	-0.13	0	Antenna 4	T3Y6XQC446	QPSK	1	0	0 mm	bottom	1:1	0.018	1.377	0.025	0.009	0.012	
707.50	23095	Mid	LTE Band 12	10	18.90	17.72	-0.17	0	Antenna 4	T3Y6XQC446	QPSK	25	12	0 mm	bottom	1:1	0.020	1.312	0.026	0.010	0.013	
707.50	23095	Mid	LTE Band 12	10	18.90	17.51	-0.14	0	Antenna 4	T3Y6XQC446	QPSK	1	0	0 mm	right	1:1	0.028	1.377	0.039	0.013	0.018	
707.50	23095	Mid	LTE Band 12	10	18.90	17.72	-0.01	0	Antenna 4	T3Y6XQC446	QPSK	25	12	0 mm	right	1:1	0.033	1.312	0.043	0.015	0.020	
707.50	23095	Mid	LTE Band 12	10	18.90	17.51	-0.14	0	Antenna 4	T3Y6XQC446	QPSK	1	0	0 mm	left	1:1	0.359	1.377	0.494	0.133	0.183	
707.50	23095	Mid	LTE Band 12	10	18.90	17.72	-0.10	0	Antenna 4	T3Y6XQC446	QPSK	25	12	0 mm	left	1:1	0.382	1.312	0.501	0.140	0.184	
			ANSI / IEEE C95.1 19	92 - SAFETY	LIMIT										Body							
			Spatial					l						1.6 V	V/kg (mV	Wg)						
			Uncontrolled Exposur	e/General Po	opulation									averag	ed over 1	gram						

Table 10-15 LTE Band 13 Antenna 2 Body SAR

									ME	ASUREMENT	RESULTS											
FRI	EQUENCY		Mode	Bandwidth (MHz)	Maximum Allowed	Conducted Power [dBm]	Power Drift (dB)	MPR (dB)	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	CI	h.		(mark)	Power [dBm]	Former (daming	Dinit [GD]			Humber						Cycle	(W/kg)		(Wkg)	(Wkg)	(Wkg)	
782.00	23230	Mid	LTE Band 13	10	18.25	16.98	-0.02	0	Antenna 2	N14X7HKHFY	QPSK	1	0	0 mm	back	1:1	0.663	1.340	0.888	0.267	0.358	
782.00	23230	Mid	LTE Band 13	10	18.25	17.15	-0.08	0	Antenna 2	N14X7HKHFY	QPSK	25	12	0 mm	back	1:1	0.658	1.288	0.848	0.267	0.344	
782.00	23230	Mid	LTE Band 13	10	18.25	16.97	0.08	0	Antenna 2	N14X7HKHFY	QPSK	50	0	0 mm	back	1:1	0.669	1.343	0.898	0.269	0.361	
782.00	23230	Mid	LTE Band 13	10	18.25	16.98	0.02	0	Antenna 2	N14X7HKHFY	QPSK	-1	0	0 mm	top	1:1	0.021	1.340	0.028	0.011	0.015	
782.00	23230	Mid	LTE Band 13	10	18.25	17.15	-0.03	0	Antenna 2	N14X7HKHFY	QPSK	25	12	0 mm	top	1:1	0.020	1.288	0.026	0.010	0.013	
782.00	23230	Mid	LTE Band 13	10	18.25	16.98	-0.06	0	Antenna 2	N14X7HKHFY	QPSK	1	0	0 mm	bottom	1:1	0.496	1.340	0.665	0.224	0.300	
782.00	23230	Mid	LTE Band 13	10	18.25	17.15	-0.08	0	Antenna 2	N14X7HKHFY	QPSK	25	12	0 mm	bottom	1:1	0.534	1.288	0.688	0.243	0.313	
782.00	23230	Mid	LTE Band 13	10	18.25	16.98	0.02	0	Antenna 2	N14X7HKHFY	QPSK	-1	0	0 mm	right	1:1	0.466	1.340	0.624	0.168	0.225	
782.00	23230	Mid	LTE Band 13	10	18.25	17.15	-0.02	0	Antenna 2	N14X7HKHFY	QPSK	25	12	0 mm	right	1:1	0.468	1.288	0.603	0.169	0.218	
782.00	23230	Mid	LTE Band 13	10	18.25	16.98	-0.12	0	Antenna 2	N14X7HKHFY	QPSK	1	0	0 mm	left	1:1	0.042	1.340	0.056	0.018	0.024	
782.00	23230	Mid	LTE Band 13	10	18.25	17.15	-0.12	0	Antenna 2	N14X7HKHFY	QPSK	25	12	0 mm	left	1:1	0.038	1.288	0.049	0.016	0.021	
			ANSI / IEEE C95.1 19		LIMIT										Body							
			Spatial												//kg (mW							
			Uncontrolled Exposur	e/General Po	opulation									averag	ed over 1	gram						

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Table 10-16 LTE Band 13 Antenna 4 Body SAR

									ME	ASUREMENT	DECIII TO											
									, me	MOOKEMENT	KESOLIS											
FRI	EQUENCY		Mode	Bandwidth (MHz)	Maximum Allowed	Conducted Power (dBm)	Power Drift (dB1	MPR (dB)	Antenna Config.	Device Serial	Modulation	RB Size	RB Offset	Spacing	Side	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	Ch	h.		[MHz]	Power [dBm]	Power [dBm]	Drift [dB]			Number						Cycle	(Wkg)		(Wkg)	(Wkg)	(Wkg)	
782.00	23230	Mid	LTE Band 13	10	19.50	17.99	-0.13	0	Antenna 4	MHFY65WKTX	QPSK	- 1	0	0 mm	back	1:1	0.657	1.416	0.930	0.324	0.459	
782.00	23230	Mid	LTE Band 13	10	19.50	18.10	-0.19	0	Antenna 4	MHFY65WKTX	QPSK	25	0	0 mm	back	1:1	0.650	1.380	0.897	0.323	0.446	
782.00	23230	Mid	LTE Band 13	10	19.50	17.98	-0.14	0	Antenna 4	MHFY65WKTX	QPSK	50	0	0 mm	back	1:1	0.698	1.419	0.990	0.331	0.470	A6
782.00	23230	Mid	LTE Band 13	10	19.50	17.99	-0.09	0	Antenna 4	MHFY65WKTX	QPSK	1	0	0 mm	top	1:1	0.364	1.416	0.515	0.189	0.268	
782.00	23230	Mid	LTE Band 13	10	19.50	18.10	-0.06	0	Antenna 4	MHFY65WKTX	QPSK	25	0	0 mm	top	1:1	0.363	1.380	0.501	0.188	0.259	
782.00	23230	Mid	LTE Band 13	10	19.50	17.99	-0.08	0	Antenna 4	MHFY65WKTX	QPSK	1	0	0 mm	bottom	1:1	0.020	1.416	0.028	0.010	0.014	
782.00	23230	Mid	LTE Band 13	10	19.50	18.10	0.12	0	Antenna 4	MHFY65WKTX	QPSK	25	0	0 mm	bottom	1:1	0.020	1.380	0.028	0.010	0.014	
782.00	23230	Mid	LTE Band 13	10	19.50	17.99	0.07	0	Antenna 4	MHFY65WKTX	QPSK	1	0	0 mm	right	1:1	0.049	1.416	0.069	0.022	0.031	
782.00	23230	Mid	LTE Band 13	10	19.50	18.10	0.04	0	Antenna 4	MHFY65WKTX	QPSK	25	0	0 mm	right	1:1	0.052	1.380	0.072	0.022	0.030	
782.00	23230	Mid	LTE Band 13	10	19.50	17.99	-0.04	0	Antenna 4	MHFY65WKTX	QPSK	1	0	0 mm	left	1:1	0.490	1.416	0.694	0.191	0.270	
782.00	23230	Mid	LTE Band 13	10	19.50	18.10	-0.03	0	Antenna 4	MHFY65WKTX	QPSK	25	0	0 mm	left	1:1	0.502	1.380	0.693	0.194	0.268	
			ANSI / IEEE C95.1 19 Spatial	Peak										1.6 V	Body V/kg (mW	//g)						
			Uncontrolled Exposur	e/General Po	pulation									averag	ed over 1	gram						

Table 10-17 LTE Band 14 Antenna 2 Body SAR

FI	REQUENC	Y	Mode	Bandwidth (MHz)	Maximum Allowed Power (dBm)	Conducted Power (dBm)	Power Drift (dB1	MPR (dB)	Antenna Config.	Device Serial	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	٥	h.		(servz)	Power (dbm)	Power (dbm)	Dintigo		-	Number						Cycse	(Wikg)		(W/kg)	(W/kg)	(Wilkg)	
793.00	23330	Mid	LTE Band 14	10	18.25	17.14	-0.02	0	Antenna 2	HGWTR4Q31P	QPSK	1	0	0 mm	back	1:1	0.482	1.291	0.622	0.221	0.285	
793.00	23330	Mid	LTE Band 14	10	18.25	17.31	0.00	0	Antenna 2	HGWTR4Q31P	QPSK	25	12	0 mm	back	1:1	0.475	1.242	0.590	0.218	0.271	
793.00	23330	Mid	LTE Band 14	10	18.25	17.14	0.01	0	Antenna 2	HGWTR4Q31P	QPSK	- 1	0	0 mm	top	1:1	0.009	1.291	0.012	0.005	0.006	
793.00	23330	Mid	LTE Band 14	10	18.25	17.31	-0.15	0	Antenna 2	HGWTR4Q31P	QPSK	25	12	0 mm	top	1:1	0.007	1.242	0.009	0.004	0.005	
793.00	23330	Mid	LTE Band 14	10	18.25	17.14	0.01	0	Antenna 2	HGWTR4Q31P	QPSK	- 1	0	0 mm	bottom	1:1	0.536	1.291	0.692	0.233	0.301	
793.00	23330	Mid	LTE Band 14	10	18.25	17.31	0.02	0	Antenna 2	HGWTR4Q31P	QPSK	25	12	0 mm	bottom	1:1	0.555	1.242	0.689	0.243	0.302	
793.00	23330	Mid	LTE Band 14	10	18.25	17.14	0.06	0	Antenna 2	HGWTR4Q31P	QPSK	1	0	0 mm	right	1:1	0.453	1.291	0.585	0.172	0.222	
793.00	23330	Mid	LTE Band 14	10	18.25	17.31	-0.04	0	Antenna 2	HGWTR4Q31P	QPSK	25	12	0 mm	right	1:1	0.448	1.242	0.556	0.170	0.211	
793.00	23330	Mid	LTE Band 14	10	18.25	17.14	-0.20	0	Antenna 2	HGWTR4Q31P	QPSK	- 1	0	0 mm	left	1:1	0.026	1.291	0.034	0.011	0.014	
793.00	23330	Mid	LTE Band 14	10	18.25	17.31	-0.04	0	Antenna 2	HGWTR4Q31P	QPSK	25	12	0 mm	left	1:1	0.032	1.242	0.040	0.014	0.017	
			ANSI / IEEE C												Body							
				Spatial Peak											/kg (mW							
			Uncontrolled E	xposure/Ger	neral Population									average	d over 1	gram						

Table 10-18 LTE Band 14 Antenna 4 Body SAR

									MEA	SUREMENT RE	eili te											
									MEA	OUREMENT RE	SULIS											
FF	REQUENC	Y	Mode	Bandwidth (MHz)	Maximum Allowed Power (dBm)	Conducted Power (dBm)	Power Drift (dB)	MPR (dB)	Antenna Config.	Device Serial	Modulation	RB Size	RB Offset	Spacing	Side	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	c	h.		(marr)	Fower (doing	rower (donn)	Dim [GD]			Humber						Cycle	(W.kg)		(W/kg)	(W/kg)	(Wilkg)	
793.00	23330	Mid	LTE Band 14	10	19.50	18.80	0.01	0	Antenna 4	WWY4QW7W9Q	QPSK	1	0	0 mm	back	1:1	0.786	1.175	0.924	0.371	0.436	
793.00	23330	Mid	LTE Band 14	10	19.50	18.77	-0.01	0	Antenna 4	WWY4QW7W9Q	QPSK	25	12	0 mm	back	1:1	0.841	1.183	0.995	0.403	0.477	A7
793.00	23330	Mid	LTE Band 14	10	19.50	18.74	0.01	0	Antenna 4	WWY4QW7W9Q	QPSK	50	0	0 mm	back	1:1	0.834	1.191	0.993	0.399	0.475	
793.00	23330	Mid	LTE Band 14	10	19.50	18.80	0.03	0	Antenna 4	WWY4QW7W9Q	QPSK	- 1	0	0 mm	top	1:1	0.534	1.175	0.627	0.255	0.300	
793.00	23330	Mid	LTE Band 14	10	19.50	18.77	0.00	0	Antenna 4	WWY4QW7W9Q	QPSK	25	12	0 mm	top	1:1	0.583	1.183	0.690	0.279	0.330	
793.00	23330	Mid	LTE Band 14	10	19.50	18.80	0.19	0	Antenna 4	WWY4QW7W9Q	QPSK	1	0	0 mm	bottom	1:1	0.012	1.175	0.014	0.007	0.008	
793.00	23330	Mid	LTE Band 14	10	19.50	18.77	0.11	0	Antenna 4	WWY4QW7W9Q	QPSK	25	12	0 mm	bottom	1:1	0.008	1.183	0.009	0.004	0.006	
793.00	23330	Mid	LTE Band 14	10	19.50	18.80	-0.16	0	Antenna 4	WWY4QW7W9Q	QPSK	- 1	0	0 mm	right	1:1	0.045	1.175	0.053	0.021	0.025	
793.00	23330	Mid	LTE Band 14	10	19.50	18.77	0.11	0	Antenna 4	WWY4QW7W9Q	QPSK	25	12	0 mm	right	1:1	0.052	1.183	0.062	0.024	0.028	
793.00	23330	Mid	LTE Band 14	10	19.50	18.80	-0.12	0	Antenna 4	WWY4QW7W9Q	QPSK	- 1	0	0 mm	left	1:1	0.671	1.175	0.788	0.258	0.303	
793.00	23330	Mid	LTE Band 14	10	19.50	18.77	0.00	0	Antenna 4	WWY4QW7W9Q	QPSK	25	12	0 mm	left	1:1	0.689	1.183	0.815	0.263	0.311	
793.00	23330	Mid	LTE Band 14	10	19.50	18.74	0.00	0	Antenna 4	WWY4QW7W9Q	QPSK	50	0	0 mm	left	1:1	0.677	1.191	0.806	0.261	0.311	
793.00	23330	Mid	LTE Band 14	10	19.50	18.77	-0.01	0	Antenna 4	WWY4QW7W9Q	QPSK	25	12	0 mm	back	1:1	0.781	1.183	0.924	0.374	0.442	
			ANSI / IEEE C												Body							
				Spatial Peak										1.6 W	l/kg (mW	Vg)						Į.
			Uncontrolled E	cposure/Ger	neral Population									average	d over 1	gram						

Note: Blue entry represents variability measurement.

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Table 10-19 LTE Band 26 (Cell) Antenna 2 Body SAR

									,						,							
									ME	ASUREMENT	RESULTS											
FRI	EQUENCY		Mode	Bandwidth (MHz)	Maximum Allowed	Conducted Power (dBm)	Power Drift (dB)	MPR (dB)	Antenna Config.	Device Serial	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot #
MHz	Ch	h.		(minz)	Power [dBm]	Fower (dum)	Dini (da)			Mullipel						Cycle	(W/kg)		(Wkg)	(W/kg)	(Wkg)	-
819.00	26740	Low	LTE Band 26 (Cell)	10	17.70	16.49	0.08	0	Antenna 2	QW4VQVVC2F	QPSK	- 1	0	0 mm	back	1:1	0.662	1.321	0.875	0.290	0.383	
831.50	26865	Mid	LTE Band 26 (Cell)	10	17.70	16.34	0.08	0	Antenna 2	QW4VQVVC2F	QPSK	-1	49	0 mm	back	1:1	0.564	1.368	0.772	0.255	0.349	
844.00	26990	High	LTE Band 26 (Cell)	10	17.70	16.36	0.04	0	Antenna 2	QW4VQVVC2F	QPSK	- 1	49	0 mm	back	1:1	0.524	1.361	0.713	0.237	0.323	
819.00	26740	Low	LTE Band 26 (Cell)	10	17.70	16.63	0.04	0	Antenna 2	QW4VQVVC2F	QPSK	25	12	0 mm	back	1:1	0.652	1.279	0.834	0.294	0.376	
831.50	26865	Mid	LTE Band 26 (Cell)	10	17.70	16.51	0.03	0	Antenna 2	QW4VQVVC2F	QPSK	25	12	0 mm	back	1:1	0.605	1.315	0.796	0.273	0.359	
844.00	26990	High	LTE Band 26 (Cell)	10	17.70	16.57	0.04	0	Antenna 2	QW4VQVVC2F	QPSK	25	12	0 mm	back	1:1	0.561	1.297	0.728	0.253	0.328	
819.00	26740	Low	LTE Band 26 (Cell)	10	17.70	16.36	0.03	0	Antenna 2	QW4VQVVC2F	QPSK	50	0	0 mm	back	1:1	0.614	1.361	0.836	0.269	0.366	
819.00	26740	Low	LTE Band 26 (Cell)	10	17.70	16.49	0.13	0	Antenna 2	QW4VQVVC2F	QPSK	1	0	0 mm	top	1:1	0.009	1.321	0.012	0.004	0.005	
819.00	26740	Low	LTE Band 26 (Cell)	10	17.70	16.63	0.15	0	Antenna 2	QW4VQVVC2F	QPSK	25	12	0 mm	top	1:1	0.012	1.279	0.015	0.005	0.006	
819.00	26740	Low	LTE Band 26 (Cell)	10	17.70	16.49	0.06	0	Antenna 2	QW4VQVVC2F	QPSK	-1	0	0 mm	bottom	1:1	0.391	1.321	0.517	0.189	0.250	
819.00	26740	Low	LTE Band 26 (Cell)	10	17.70	16.63	0.02	0	Antenna 2	QW4VQVVC2F	QPSK	25	12	0 mm	bottom	1:1	0.406	1.279	0.519	0.195	0.249	
819.00	26740	Low	LTE Band 26 (Cell)	10	17.70	16.49	0.00	0	Antenna 2	QW4VQVVC2F	QPSK	-1	0	0 mm	right	1:1	0.297	1.321	0.392	0.119	0.157	
819.00	26740	Low	LTE Band 26 (Cell)	10	17.70	16.63	-0.18	0	Antenna 2	QW4VQVVC2F	QPSK	25	12	0 mm	right	1:1	0.317	1.279	0.405	0.127	0.162	
819.00	26740	Low	LTE Band 26 (Cell)	10	17.70	16.49	0.12	0	Antenna 2	QW4VQVVC2F	QPSK	-1	0	0 mm	left	1:1	0.021	1.321	0.028	0.010	0.013	
819.00	26740	Low	LTE Band 26 (Cell)	10	17.70	16.63	0.20	0	Antenna 2	QW4VQVVC2F	QPSK	25	12	0 mm	left	1:1	0.023	1.279	0.029	0.011	0.014	
			ANSI / IEEE C95.1 19		LIMIT						•	•	•	•	Body			•				
			Spatial												V/kg (mV							
			Uncontrolled Exposure	e/General Po	pulation									averag	ed over 1	gram						

Table 10-20 LTE Band 26 (Cell) Antenna 4 Body SAR

									,	, ,					<u> , </u>							_
									ME	ASUREMENT	RESULTS											
	EQUENCY		Mode	Bandwidth (MHz)	Maximum Allowed	Conducted Power (dBm)	Power Drift (dB1	MPR (dB)	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot #
MHz	CI			(musz)	Power [dBm]	Fower (dum)	Distr (GD)			Mullipel						Cycle	(W/kg)		(W/kg)	(Wkg)	(Wkg)	
819.00	26740	Low	LTE Band 26 (Cell)	10	18.80	17.40	0.06	0	Antenna 4	D57Y7GFJ93	QPSK	-1	0	0 mm	back	1:1	0.690	1.380	0.952	0.345	0.476	
831.50	26865	Mid	LTE Band 26 (Cell)	10	18.80	17.48	-0.02	0	Antenna 4	D57Y7GFJ93	QPSK	1	0	0 mm	back	1:1	0.625	1.355	0.847	0.320	0.434	
844.00	26990	High	LTE Band 26 (Cell)	10	18.80	17.60	-0.05	0	Antenna 4	D57Y7GFJ93	QPSK	1	25	0 mm	back	1:1	0.634	1.318	0.836	0.314	0.414	
819.00	26740	Low	LTE Band 26 (Cell)	10	18.80	17.70	-0.07	0	Antenna 4	D57Y7GFJ93	QPSK	25	12	0 mm	back	1:1	0.733	1.288	0.944	0.369	0.475	A8
831.50	26865	Mid	LTE Band 26 (Cell)	10	18.80	17.62	-0.03	0	Antenna 4	D57Y7GFJ93	QPSK	25	12	0 mm	back	1:1	0.642	1.312	0.842	0.327	0.429	
844.00	26990	High	LTE Band 26 (Cell)	10	18.80	17.73	0.01	0	Antenna 4	D57Y7GFJ93	QPSK	25	12	0 mm	back	1:1	0.657	1.279	0.840	0.326	0.417	
844.00	26990	High	LTE Band 26 (Cell)	10	18.80	17.59	-0.02	0	Antenna 4	D57Y7GFJ93	QPSK	50	0	0 mm	back	1:1	0.643	1.321	0.849	0.320	0.423	
844.00	26990	High	LTE Band 26 (Cell)	10	18.80	17.60	-0.03	0	Antenna 4	D57Y7GFJ93	QPSK	-1	25	0 mm	top	1:1	0.465	1.318	0.613	0.230	0.303	
844.00	26990	High	LTE Band 26 (Cell)	10	18.80	17.73	0.04	0	Antenna 4	D57Y7GFJ93	QPSK	25	12	0 mm	top	1:1	0.491	1.279	0.628	0.241	0.308	
844.00	26990	High	LTE Band 26 (Cell)	10	18.80	17.60	0.15	0	Antenna 4	D57Y7GFJ93	QPSK	1	25	0 mm	bottom	1:1	0.016	1.318	0.021	0.008	0.011	
844.00	26990	High	LTE Band 26 (Cell)	10	18.80	17.73	0.13	0	Antenna 4	D57Y7GFJ93	QPSK	25	12	0 mm	bottom	1:1	0.017	1.279	0.022	0.008	0.010	
844.00	26990	High	LTE Band 26 (Cell)	10	18.80	17.60	0.08	0	Antenna 4	D57Y7GFJ93	QPSK	1	25	0 mm	right	1:1	0.047	1.318	0.062	0.024	0.032	
844.00	26990	High	LTE Band 26 (Cell)	10	18.80	17.73	0.04	0	Antenna 4	D57Y7GFJ93	QPSK	25	12	0 mm	right	1:1	0.051	1.279	0.065	0.026	0.033	
844.00	26990	High	LTE Band 26 (Cell)	10	18.80	17.60	0.00	0	Antenna 4	D57Y7GFJ93	QPSK	1	25	0 mm	left	1:1	0.481	1.318	0.634	0.199	0.262	
844.00	26990	High	LTE Band 26 (Cell)	10	18.80	17.73	0.01	0	Antenna 4	D57Y7GFJ93	QPSK	25	12	0 mm	left	1:1	0.500	1.279	0.640	0.208	0.266	
			ANSI / IEEE C95.1 19		LIMIT		•					•	•		Body							
			Spatial					l						1.6 V	V/kg (mV	//g)						
			Uncontrolled Exposur	e/General Po	pulation			1						averag	ed over 1	gram						

Table 10-21 LTE Band 5 (Cell) Antenna 2 Body SAR

										ME	ASUREMEN	T RESULTS												
1 CC Uplink 2 CC Uplink	Component Carrier		REQUENC		Mode	Bandwidth [MHz]	Maximum Allowed Power [dSm]	Conducted Power (dBm)	Power Drift [dB]	MPR (dB)	Antenna Config.	Device Serial Number	Modulation	RB Stre	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Scaling Factor		SAR (10g)	Reported SAR (10g)	Plot #
		MHz																	(Wilkg)		(Wikg)	(W/kg)	(Wifeg)	
1 CC Uplink	N/A	836.50	20525	Mid	LTE Band 5 (Cell)	10	17.70	16.44	0.04	0	Antenna 2	LQG94JW07G	QPSK	1	49	0 mm	back	1:1	0.583	1.337	0.779	0.255	0.341	
1 CC Uplink	N/A	836.50	20525	Mid	LTE Band 5 (Cell)	10	17.70	16.41	-0.01	0	Artenna 2	LQG94JW07G	QPSK	25	٥	0 mm	back	1:1	0.663	1.346	0.892	0.305	0.411	
1 CC Uplink	N/A	836.50	20525	Mid	LTE Band 5 (Cell)	10	17.70	16.48	-0.20	0	Antenna 2	LQG94JW07G	QPSK	25	12	0 mm	back	1:1	0.621	1.324	0.822	0.277	0.367	
1 CC Uplink	N/A	836.50	20525	Mid	LTE Band 5 (Cell)	10	17.70	16.42	0.00	0	Antenna 2	LQG94JW07G	QPSK	50	0	0 mm	back	1:1	0.584	1.343	0.784	0.262	0.352	
2 CC Uplink	PCC	836.50	20525	Mid	LTE Band 5 (Cell)	10	17.70	16.89	-0.08	0	Artenna 2	LOG94JW07G	QPSK	25	0	0.000	hark	1:1	0.733	1,205	0.883	0.361	0.435	Ag
2 CC Uplink	scc	829.30	20453	Mid	LTE Band 5 (Cell)	5	17.10	10.03	-0.00	Ů	Annua 2	Lucianino	Gran	12	13	0	Luck	1.1	0.133	1.203	0.003	0.501	0.400	~
1 CC Uplink	N/A	836.50	20525	Mid	LTE Band 5 (Cell)	10	17.70	16.44	0.13	0	Antenna 2	LQG94JW07G	QPSK	1	49	0 mm	top	1:1	0.011	1.337	0.015	0.005	0.007	
1 CC Uplink	N/A	836.50	20525	Mid	LTE Band 5 (Cell)	10	17.70	16.48	0.10	0	Antenna 2	LQG94JW07G	QPSK	25	12	0 mm	top	1:1	0.012	1.324	0.016	0.005	0.007	
1 CC Uplink	N/A	836.50	20525	Mid	LTE Band 5 (Cell)	10	17.70	16.44	0.05	0	Antenna 2	LQG94JW07G	QPSK	1	49	0 mm	bottom	1:1	0.404	1.337	0.540	0.195	0.261	
1 CC Uplink	N/A	836.50	20525	Mid	LTE Band 5 (Cell)	10	17.70	16.48	0.05	0	Antenna 2	LQG94JW07G	QPSK	25	12	0 mm	bottom	1:1	0.422	1.324	0.559	0.204	0.270	
1 CC Uplink	N/A	836.50	20525	Mid	LTE Band 5 (Cell)	10	17.70	16.44	0.01	0	Antenna 2	LQG94JW07G	QPSK	1	49	0 mm	right	1:1	0.327	1.337	0.437	0.139	0.186	
1 CC Uplink	N/A	836.50	20525	Mid	LTE Band 5 (Cell)	10	17.70	16.48	0.03	0	Antenna 2	LQG94JW07G	QPSK	25	12	0 mm	right	1:1	0.343	1.324	0.454	0.146	0.193	
1 CC Uplink	N/A	836.50	20525	Mid	LTE Band 5 (Cell)	10	17.70	0.12	0	Antenna 2	LQG94JW07G	QPSK	1	49	0 mm	left	1:1	0.040	1.337	0.053	0.020	0.027		
1 CC Uplink	N/A	836.50	20525	Mid	LTE Band 5 (Cell)	10	17.70	16.48	0.20	0	Antenna 2	LQG94JW07G	QPSK	25	12	0 mm	left	1:1	0.036	1.324	0.048	0.018	0.024	
					EE C95.1 1992 - SAFE Spatial Peak ed Exposure/General										1.6 W	Body Wkg (mW id over 1								

FCC ID: BCGA2568	PCTEST* Proud to be part of @element	SAR EVALUATION REPORT	Approved by: Quality Manager
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Table 10-22 LTE Band 5 (Cell) Antenna 4 Body SAR

									- \		-,					- ,								
										М	EASUREME	NT RESULTS												
1 CC Uplink 2 CC Uplink	Component Carrier		REQUENC		Mode	Bandwidth (MHz)	Maximum Allowed Power IdBml	Conducted Power (dBm)	Power Drift (dB)	MPR (dB)	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle		Scaling Factor		ann (reg)	Reported SAR (10g)	Plot#
CC Opmix	Carren	MHz		h.		[mirz]	Power (starring	rower (state)	Disting			Action						Cycle	(W/kg)		(Wkg)	(Wilkg)	(W/kg)	\vdash
1 CC Uplink	N/A	836.50	20525	Mid	LTE Band 5 (Cell)	10	18.80	17.51	-0.06	0	Antenna 4	D6WL24FM99	QPSK	1	0	0 mm	back	1:1	0.658	1.346	0.886	0.334	0.450	
1 CC Uplink	N/A	836.50	20525	Mid	LTE Band 5 (Cell)	10	18.80	17.62	-0.07	0	Antenna 4	D6WL24FM99	QPSK	25	12	0 mm	back	1:1	0.666	1.312	0.874	0.340	0.446	
1 CC Uplink	N/A	838.50	20525	Mid	LTE Band 5 (Cell)	10	18.80	17.50	-0.06	0	Antenna 4	D6WL24FM99	QPSK	50	0	0 mm	back	1:1	0.706	1.349	0.952	0.337	0.455	
2 CC Uplink	PCC	836.50	20525	Mid	LTE Band 5 (Cell)	10		1766	-0.07					50	0				0.712					
2 CC Uplink	SCC	829.30	20453	Mid	LTE Band 5 (Cell)	5	18.80	17.66	-0.07	0	Antenna 4	D6WL24FM99	QPSK	25	0	0 mm	back	1:1	0.712	1.300	0.926	0.330	0.429	
1 CC Uplink	N/A	838.50	20525	Mid	LTE Band 5 (Cell)	10	18.80	17.51	0.01	0	Antenna 4	D6WL24FM99	QPSK	1	0	0 mm	top	1:1	0.433	1.346	0.583	0.224	0.302	
1 CC Uplink	N/A	836.50	20525	Mid	LTE Band 5 (Cell)	10	18.80	17.62	-0.01	0	Antenna 4	D6WL24FM99	QPSK	25	12	0 mm	top	1:1	0.450	1.312	0.590	0.233	0.306	
1 CC Uplink	N/A	836.50	20525	Mid	LTE Band 5 (Cell)	10	18.80	17.51	0.19	0	Antenna 4	D6WL24FM99	QPSK	1	0	0 mm	bottom	1:1	0.015	1.346	0.020	0.007	0.009	
1 CC Uplink	N/A	836.50	20525	Mid	LTE Band 5 (Cell)	10	18.80	17.62	0.12	0	Antenna 4	D6WL24FM99	QPSK	25	12	0 mm	bottom	1:1	0.015	1.312	0.020	0.007	0.009	
1 CC Uplink	N/A	836.50	20525	Mid	LTE Band 5 (Cell)	10	18.80	17.51	0.10	0	Antenna 4	D6WL24FM99	QPSK	1	0	0 mm	right	1:1	0.045	1.346	0.061	0.023	0.031	
1 CC Uplink	N/A	836.50	20525	Mid	LTE Band 5 (Cell)	10	18.80	17.62	-0.05	0	Antenna 4	D6WL24FM99	QPSK	25	12	0 mm	right	1:1	0.048	1.312	0.063	0.024	0.031	
1 CC Uplink	N/A	836.50	20525	Mid	LTE Band 5 (Cell)	10	18.80	17.51	0.02	0	Antenna 4	D6WL24FM99	QPSK	1	0	0 mm	left	1:1	0.490	1.346	0.660	0.201	0.271	
1 CC Uplink	N/A	836.50	20525		LTE Band 5 (Cell)	10	18.80	17.62	0.01	0	Antenna 4	D6WL24FM99	QPSK	25	12	0 mm	left	1:1	0.509	1.312	0.668	0.211	0.277	
	ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																Body Vkg (mW d over 1							

Table 10-23 LTE Band 66 (AWS) Antenna 1b Body SAR

									\- ·		,			-										
										ME	ASUREMEN	T RESULTS												
1 CC Uplink 2	Component	P	REQUENC	Y	Mode	Bandwidth	Maximum Allowed	Conducted	Power	MPR MD1	Antenna Config.	Device Serial	Modulation	RB Size	RB Offset	Spacing	Side	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
CC Uplink	Carrier	MHz		h.		[MHz]	Power [dBm]	Power [dBm]	Drift (dB)			Number				.,		Cycle	(W/kg)		(Wikg)	(Wkg)	(Wkg)	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	12.20	11.30	0.00	0	Antenna 1b	YDHKFG44JX	QPSK	1	0	0 mm	back	1:1	0.689	1.230	0.847	0.277	0.341	
1 CC Uplink	N/A	1745.00	132322	Mid	LTE Band 66 (AWS)	20	12.20	11.28	0.00	0	Antenna 1b	YDHKFG44JX	QPSK	1	0	0 mm	back	1:1	0.679	1.236	0.839	0.272	0.336	
1 CC Uplink	N/A	1770.00	132572	High	LTE Band 66 (AWS)	20	12.20	11.20	0.01	0	Antenna 1b	YDHKFG44JX	QPSK	1	0	0 mm	back	1:1	0.709	1.259	0.893	0.281	0.354	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	12.20	11.38	0.02	0	Antenna 1b	YDHKFG44JX	QPSK	50	25	0 mm	back	1:1	0.699	1.213	0.848	0.280	0.340	
1 CC Uplink	N/A	1745.00	132322	Mid	LTE Band 66 (AWS)	20	12.20	11.30	0.07	0	Antenna 1b	YDHKFG44JX	QPSK	50	25	0 mm	back	1:1	0.715	1.230	0.879	0.284	0.349	
1 CC Uplink	N/A	1770.00	132572	High	LTE Band 66 (AWS)	20	12.20	11.31	0.01	0	Antenna 1b	YDHKFG44JX	QPSK	50	0	0 mm	back	1:1	0.730	1.227	0.896	0.291	0.357	
1 CC Uplink	N/A	1770.00	132572	High	LTE Band 66 (AWS)	20	12.20	11.35	0.00	0	Antenna 1b	YDHKFG44JX	QPSK	50	25	0 mm	back	1:1	0.738	1.216	0.897	0.292	0.355	
1 CC Uplink	N/A	1775.00	132622	High	LTE Band 66 (AWS)	10	12.20	11.33	0.00	0	Antenna 1b	YDHKFG44JX	QPSK	25	0	0 mm	back	1:1	0.734	1.222	0.897	0.291	0.356	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	12.20	11.29	0.01	0	Antenna 1b	YDHKFG44JX	QPSK	100	0	0 mm	back	1:1	0.713	1.233	0.879	0.284	0.350	
2 CC Uplink CA 66C	PCC	1770.00	132572	High	LTE Band 66 (AWS)	20								50	0									
2 CC Uplink CA 66C	scc	1750.20	132374	High	LTE Band 66 (AWS)	20	12.20	11.22	-0.01	0	Antenna 1b	YDHKFG44JX	QPSK	50	50	0 mm	back	1:1	0.702	1.253	0.880	0.280	0.351	
2 CC Uplink CA 66B	PCC	1775.00	132622	High	LTE Band 66 (AWS)	10								25	0									
2 CC Uplink CA 66B	scc	1765.10	132523	High	LTE Band 66 (AWS)	10	12.20	11.25	0.01	0	Antenna 1b	YDHKFG44JX	QPSK	25	25	0 mm	back	1:1	0.719	1.245	0.895	0.284	0.354	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	12.20	11.30	0.15	0	Antenna 1b	YDHKFG44JX	QPSK	1	0	0 mm	top	1:1	0.002	1.230	0.002	0.001	0.001	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	12.20	11.38	0.11	0	Antenna 1b	YDHKFG44JX	QPSK	50	25	0 mm	top	1:1	0.003	1.213	0.004	0.001	0.001	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	12.20	11.30	0.00	0	Antenna 1b	YDHKFG44JX	QPSK	1	0	0 mm	bottom	1:1	0.524	1.230	0.645	0.219	0.269	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	12.20	11.38	-0.02	0	Antenna 1b	YDHKFG44JX	QPSK	50	25	0 mm	bottom	1:1	0.520	1.213	0.631	0.220	0.267	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	12.20	11.30	0.12	0	Antenna 1b	YDHKFG44JX	QPSK	1	0	0 mm	right	1:1	0.020	1.230	0.025	0.010	0.012	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	12.20	11.38	0.17	0	Antenna 1b	YDHKFG44JX	QPSK	50	25	0 mm	right	1:1	0.015	1.213	0.018	0.006	0.007	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	12.20	11.30	0.13	0	Antenna 1b	YDHKFG44JX	QPSK	1	0	0 mm	left	1:1	0.036	1.230	0.044	0.016	0.020	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	12.20	11.36	0.08	0	Antenna 1b	YDHKFG44JX	QPSK	50	25	0 mm	left	1:1	0.038	1.213	0.046	0.018	0.022	
		ANSI /			- SAFETY LIMIT												Body							
				patial Pea	ak eneral Population											/kg (mW								
		uncontr	oneo Exp	COURS OF THE PERSON	eneral ropulation										wwrage	d over 1	gram						$\overline{}$	

Table 10-24 LTE Band 66 (AWS) Antenna 2 Body SAR

Temporary Temp								Juin	<i>a</i>	, (,	***	~ <i>,</i> -		u	_		·	_	~ :	`					
Temporary Temp											ME	ASUREMEN	T RESULTS												
Company Comp	CC Uplink 2		F	REQUENC	Y	Mode					MPD (48)	Antenna Confin		Modulation	DB Sire	PB Offset	Sarias	Side		SAR (1g)	Scaling Earles		SAR (10g)	Reported SAR (10g)	Plot #
Cupina Na. 17210 12007 Los. LTE Based (1970) 20 14.10 13.20 4.00 0 Annexa2 PF-PF-RESCO OPES 1 50 0m bas 11 0.20 120 0.20 0.20 0.00 0.00 0.00 0.	CC Uplink	Carrier	MHz	0	h.		[MHz]	Power [dBm]	Power [dBm]	Drift [db]			Number				.,		Cycle	(W/kg)	,	(Wilkg)	(Wikg)	(Wkg)	
CLUMB NA 17210 13272 Los LTE Bardel (1976) 20 1410 1330 0.11 0 Ammuna 2 PF-FRINGEC OPER 1 50 0 nm 10 11 0.00 1200 0.00 0.00 0.00 0.00 0.0	CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	14.10	13.30	-0.03	0	Antenna 2	FPJF4R9KDC	QPSK	1	50	0 mm	back	1:1	0.572	1.202	0.688	0.278	0.334	
Clupia NA 17210 12010 Line LTE Based (MID) 20 1410 1339 0.01 0 America 2 PP_AMBROC 0PSC 10 23 0 cm low 11 0.00 1360 0.01 0.01 0.00 0.00 0.00 0.00 0.00 0.	CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	14.10	13.28	-0.02	0	Antenna 2	FPJF4R9KDC	QPSK	50	25	0 mm	back	1:1	0.593	1.208	0.716	0.286	0.345	
Clyma NA 17500 13502 Los LTE Bardel (1970) 10 1410 1315 031 0 America 2 PS-PRINDCC 0996 22 25 0 nm blane 11 0.001 1240 0.015 0.017 0.001 0	CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	14.10	13.30	-0.18	0	Antenna 2	FPJF4R9KDC	QPSK	1	50	0 mm	top	1:1	0.010	1.202	0.012	0.005	0.006	
Clupia NA 17200 12070 Los LTE Based (1970) 20 1410 1330 6.05 0 America 2 PP-PARISOC OPES 1 20 0 ms base 11 0.71 0.20 0.77 0.20 0.70 0.70 0.70 0.70 0.70	CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	14.10	13.28	-0.13	0	Antenna 2	FPJF4R9KDC	QPSK	50	25	0 mm	top	1:1	0.009	1.208	0.011	0.004	0.005	
Cupina Na 17200 12072 Los LTE Based Roynol 20 14.10 13.20 081 0.0 Annexa2 PF_FRIBNCO OPES 0.0 22 0 nm base 11 0.201 1200 0.000	CC Uplink	N/A	1715.00	132022	Low	LTE Band 66 (AWS)	10	14.10	13.15	0.01	0	Antenna 2	FPJF4R9KDC	QPSK	25	25	0 mm	bottom	1:1	0.655	1.245	0.815	0.273	0.340	
Cupina NA 172010 12017 Los LTE Based 6 (MR) 20 14.10 13.27 0.54 0 Annexas 2 PF-PRIBECC 0PS 50 20 0.00 Notes 11 0.882 1.211 0.790 0.272 0.202 0.2	CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	14.10	13.30	-0.05	0	Antenna 2	FPJF4R9KDC	QPSK	1	50	0 mm	bottom	1:1	0.646	1.202	0.776	0.268	0.322	
Clupies Na. 176:00 13222 Md. LTE Based 6 (APR) 20 14:10 13:20 0.06 0 Annexa 2 PP_FRIBACC OPER 50 25 0m bottom 11 0.640 1213 0.794 0.277 0.329 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	14.10	13.28	0.01	0	Antenna 2	FPJF4R9KDC	QPSK	50	25	0 mm	bottom	1:1	0.711	1.208	0.859	0.293	0.354	
Cupins Na. 1770.0 12572 High LTR Bandel (MIN) 20 14.10 13.26 0.83 0.0 Annual 2 PF-FRIBECC OPEN 00 22 0.00 Notice 11 0.850 1.713 0.706 0.240 0.250 0.250 0.00 Notice 11 0.850 1.713 0.706 0.240 0.250 0.250 0.00 Notice 11 0.850 1.713 0.706 0.240 0.250 0.250 0.250 0.00 Notice 11 0.850 1.713 0.706 0.240 0.250 0	CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	14.10	13.27	0.04	0	Antenna 2	FPJF4R9KDC	QPSK	50	50	0 mm	bottom	1:1	0.652	1.211	0.790	0.272	0.329	
Cluster NA 17210 13270 Les LTE Based (1976) 20 14.10 1335 0.01 0 America 2 PF-F680CC 0FBC 100 0 0 nm based 11 0.017 1.219 0.677 0.233 0.233 0.233 0.243 0.245 0.24	CC Uplink	N/A	1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.10	13.26	0.06	0	Antenna 2	FPJF4R9KDC	QPSK	50	25	0 mm	bottom	1:1	0.646	1.213	0.784	0.271	0.329	
Cluster Add C PC 17200 13072 Low LTE Basel 6 (MRS) 20 14.10 13.11 0.01 0 Answers 2 PS-F6RSCC C/PSK 50 0 mm butter 1:1 0.640 12.01 0.641 0.279 0.235 0.237 0.246 0.247 0.248 0.257 0.258 0.257 0.248 0.257 0.258 0.257 0.258 0.	CC Uplink	N/A	1770.00	132572	High	LTE Band 66 (AWS)	20	14.10	13.26	0.03	0	Antenna 2	FPJF4R9KDC	QPSK	50	25	0 mm	bottom	1:1	0.582	1.213	0.706	0.243	0.295	
A GAL PACE TAX	CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	14.10	13.25	0.06	0	Antenna 2	FPJF4R9KDC	QPSK	100	0	0 mm	bottom	1:1	0.557	1.216	0.677	0.233	0.283	
Computer Computer	CC Uplink CA_66C	PCC	1720.00	132072	Low	LTE Band 66 (AWS)	20	1410		001		Annuan 2	EB IE4BW/NC	OBSY	50	50		homon		0.040	1.250	0.811	0.700	0.997	
A diagram PCC 17500 12000 Leve Life Bandel (MIRS) 10 14.00 13.06 0.08	CC Uplink CA_66C	scc	1739.80	132270	Low	LTE Band 66 (AWS)	20	14.10	12.11	0.01		Alama I	113 413100	Gran	50	0		DOMONI	1.1	0.040	1230	0.011	0.100	0.337	
CLUDIAN ACID SCC 179400 120172 Low LTE Band 66 (AMS) 10 25 0 25 0 25 0 25 0 25 0 25 0 25 0 2	CC Uplink CA_66B	PCC	1715.00	132022	Low	LTE Band 66 (AWS)	10	1410	*****	0.00		Annuan 2	EB IE4BW/NC	OBSY	25	25		homon		0.004	1 271	0.844	0.228	0.959	
	CC Uplink CA_66B	scc	1724.90	132121	Low	LTE Band 66 (AWS)	10	14.10	1200	-0.00		Alama I	113 413100	Gran.	25	0		DOMONI	1.1		12/1	0.044	0.210	0.333	
C Uplink NA 1720.00 132072 Low LTE Band 66 (AWS) 20 14.10 13.28 0.03 0 Antenna 2 FPJF4R6KDC QPSK 50 25 0mm right 1:1 0.595 1.208 0.719 0.238 0.288	CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	14.10	13.30	0.01	0	Antenna 2	FPJF4R9KDC	QPSK	1	50	0 mm	right	1:1	0.629	1.202	0.756	0.250	0.301	
	CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	14.10	13.28	0.03	0	Antenna 2	FPJF4R9KDC	QPSK	50	25	0 mm	right	1:1	0.595	1.208	0.719	0.238	0.288	
C: Liginix N/A 1720.00 132072 Low LTE Band 66 (AVIS) 20 14.10 13.30 0.13 0 Antenna 2 FPJF4RRICC CPSK 1 50 0 mm Mit 1:1 0.002 1.202 0.002 0.000 0.000	CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	14.10	13.30	0.13	0	Antenna 2	FPJF4R9KDC	QPSK	1	50	0 mm	Seft	1:1	0.002	1.202	0.002	0.000	0.000	
	CC Uplink	N/A					20	14.10	13.28	-0.16	0	Antenna 2	FPJF4R9KDC	QPSK	50	25			1:1	0.004	1.208	0.005	0.002	0.002	
ANSI/EEE CB5.1992- SAFETY LIMIT Body			ANSI /																						
			Spatial Peak Uncontrolled Exposure/General Population																						

FCC ID: BCGA2568	POTEST Poul to be part of deciment	SAR EVALUATION REPORT	Approved by: Quality Manager
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Table 10-25 LTE Band 66 (AWS) Antenna 3b Body SAR

									`	ME	ASUREMEN	T RESULTS												
1 CC Uplink 2 CC Uplink	Component		REQUENC		Mode	Bandwidth IMHz1	Maximum Allowed Power (dBm)	Conducted Power (dBm)	Power Drift (dB)	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
	-	MHz		ih.	177.0						4	NO. DECOME	oney	1			h. d	-	(Wikg)	4.000	(WERg)	(Wkg)	(Wkg)	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	13.20	11.77	0.06	0	Antenna 3b	YDHKFG44JX YDHKFG44JX	QPSK	1	0	0 mm	back	1:1	0.668	1.390	0.929	0.278	0.386	
	N/A		132322	Mid	LTE Band 66 (AWS)			11.69	0.01	-	Antenna 3b			-	-	0 mm	back	1:1		_		_		
1 CC Uplink	N/A	1770.00	132572	High	LTE Band 66 (AWS)	20	13.20	11.67	0.05	0	Antenna 3b	YDHKFG44JX	QPSK	1	50	0 mm	back	1:1	0.682	1.422	0.970	0.282	0.401	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	13.20	11.85	0.03	0	Antenna 3b	YDHKFG44JX	QPSK	50	25	0 mm	back	1:1	0.657	1.365	0.897	0.274	0.374	
1 CC Uplink	N/A	1745.00	132322	Mid	LTE Band 66 (AWS)	20	13.20	11.71	0.02	0	Antenna 3b	YDHKFG44JX	QPSK	50	٥	0 mm	back	1:1	0.677	1.409	0.954	0.281	0.396	
1 CC Uplink	N/A	1770.00	132572	High	LTE Band 66 (AWS)	20	13.20	11.70	0.02	0	Antenna 3b	YDHKFG44JX	QPSK	50	25	0 mm	back	1:1	0.697	1.413	0.985	0.288	0.407	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	13.20	11.76	0.03	0	Antenna 3b	YDHKFG44JX	QPSK	100	٥	0 mm	back	1:1	0.670	1.393	0.933	0.278	0.387	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	13.20	11.77	-0.02	0	Antenna 3b	YDHKFG44JX	QPSK	1	٥	0 mm	top	1:1	0.689	1.390	0.958	0.292	0.406	
1 CC Uplink	N/A	1745.00	132322	Mid	LTE Band 66 (AWS)	20	13.20	11.69	-0.10	0	Antenna 3b	YDHKFG44JX	QPSK	1	٥	0 mm	top	1:1	0.703	1.416	0.995	0.299	0.423	
1 CC Uplink	N/A	1745.00	132322	Mid	LTE Band 66 (AWS)	10	13.20	11.65	0.01	0	Antenna 3b	YDHKFG44JX	QPSK	1	٥	0 mm	top	1:1	0.688	1.429	0.983	0.291	0.416	
1 CC Uplink	N/A	1770.00	132572	High	LTE Band 66 (AWS)	20	13.20	11.67	0.05	0	Antenna 3b	YDHKFG44JX	QPSK	1	50	0 mm	top	1:1	0.665	1.422	0.946	0.280	0.398	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	13.20	11.85	0.00	0	Antenna 3b	YDHKFG44JX	QPSK	50	25	0 mm	top	1:1	0.709	1.365	0.968	0.301	0.411	
1 CC Uplink	N/A	1745.00	132322	Mid	LTE Band 66 (AWS)	20	13.20	11.71	0.04	0	Antenna 3b	YDHKFG44JX	QPSK	50	0	0 mm	top	1:1	0.700	1.409	0.986	0.299	0.421	
1 CC Uplink	N/A	1770.00	132572	High	LTE Band 66 (AWS)	20	13.20	11.70	-0.01	0	Antenna 3b	YDHKFG44JX	QPSK	50	25	0 mm	top	1:1	0.687	1.413	0.971	0.291	0.411	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	13.20	11.76	0.00	0	Antenna 3b	YDHKFG44JX	QPSK	100	0	0 mm	top	1:1	0.713	1.393	0.993	0.301	0.419	
2 CC Uplink CA 66C	PCC	1745.00	132322	Mid	LTE Band 66 (AWS)	20								1	0									
2 CC Uplink CA 66C	scc	1725.20	132124	Mid	LTE Band 66 (AWS)	20	13.20	11.80	0.00	0	Antenna 3b	YDHKFG44JX	QPSK	1	29	0 mm	top	1:1	0.692	1.380	0.955	0.289	0.399	
2 CC Uplink CA 668	PCC	1745.00	132322	Mid	LTE Band 66 (AWS)	10								1										
2 CC Uplink	scc	1735.10	132223	Mid	LTE Band 66 (AWS)	10	13.20	11.61	-0.01	0	Antenna 3b	YDHKFG44JX	QPSK	1	49	0 mm	top	1:1	0.648	1.442	0.934	0.273	0.394	
CA_66B 1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	13.20	11.77	0.06		Anterna 3b	YDHKFG44JX	QPSK	1		0 mm	bottom	1:1	0.014	1.390	0.019	0.005	0.007	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	13.20	11.85	-0.13	0	Anterna 3b	YDHKFG44JX	QPSK	50	25	0 mm	bottom	1:1	0.013	1.365	0.018	0.004	0.005	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	13.20	11.77	0.05	0	Anterna 3b	YDHKFG44JX	QPSK		0	0 mm	right	1:1	0.054	1.390	0.075	0.025	0.035	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	13.20	11.85	0.16	0	Anterna 3b	YDHKFG44JX	QPSK	50	25	0 mm	right	1:1	0.054	1.385	0.074	0.024	0.033	
	_		-			20		-				YDHKFG44JX	QPSK	30	_	_	_							
1 CC Uplink	N/A N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	13.20	11.77	0.14	0	Antenna 3b	YDHKFG44JX YDHKFG44JX	QPSK	50	25	0 mm	left	1:1	0.029	1.390	0.040	0.014	0.019	
1 CC Uplink	N/A			Low 5 1 1992	SAFETY LIMIT	20	13.20	11.85	0.14	0	Antenna 3b	YDHKFG44JX	QPSK	50	25	0 mm	Body	1:1	0.028	1.365	0.038	0.014	0.019	
																	Vkg (mW.	/g)						
		Spatial Peak Uncontrolled Exposure/General Population														average	d over 1	gram						

Table 10-26 LTE Band 66 (AWS) Antenna 4 Body SAR

										ME	ASUREMEN	T RESULTS												
1 CC Uplink 2 CC Uplink	Component Carrier	MHz	REQUENC		Mode	Bandwidth [MHz]	Maximum Allowed Power [dBm]	Conducted Power [dBm]	Power Drift [dB]	MPR (40)	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g) (Wkg)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot #
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	14.30	13.52	-0.14		Arterna 4	FPJF4R9KDC	QPSK	1	0	0 mm	back	1:1	0.667	1.197	(W/kg) 0.798	(Wikg) 0.298	(W/kg) 0.354	
1 CC Uplink	N/A	1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.30	13.39	-0.18	0	Artenna 4	FPJF4R9KDC	QPSK	1	0	0 mm	back	1:1	0.670	1.233	0.826	0.288	0.355	
1 CC Uplink	N/A	1770.00	132572	High	LTE Band 66 (AWS)	20	14.30	13.30	-0.05	0	Artenna 4	FPJF4R9KDC	QPSK	1	0	0 mm	back	1:1	0.629	1.259	0.792	0.291	0.366	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	14.30	13.54	-0.08	0	Artenna 4	FPJF4R9KDC	QPSK	50	0	0 mm	back	1:1	0.763	1.191	0.909	0.321	0.382	
1 CC Uplink	N/A	1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.30	13.56	-0.06	0	Antenna 4	FPJF4R9KDC	QPSK	50	25	0 mm	back	1:1	0.690	1.186	0.818	0.302	0.358	
1 CC Uplink	N/A	1770.00	132572	High	LTE Band 66 (AWS)	20	14.30	13.47	-0.07	0	Antenna 4	FPJF4R9KDC	QPSK	50	0	0 mm	back	1:1	0.629	1.211	0.762	0.293	0.355	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	14.30	13.47	-0.04	0	Antenna 4	FPJF4R9KDC	QPSK	100	0	0 mm	back	1:1	0.675	1.211	0.817	0.305	0.369	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	14.30	13.52	-0.04	0	Antenna 4	FPJF4R9KDC	QPSK	1	0	0 mm	top	1:1	0.810	1.197	0.970	0.334	0.400	
1 CC Uplink	N/A	1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.30	13.39	-0.09	0	Artenna 4	FPJF4R9KDC	QPSK	1	0	0 mm	top	1:1	0.801	1.233	0.988	0.332	0.409	
1 CC Uplink	N/A	1770.00	132572	High	LTE Band 66 (AWS)	20	14.30	13.30	0.01	0	Antenna 4	FPJF4R9KDC	QPSK	1	0	0 mm	top	1:1	0.791	1.259	0.996	0.327	0.412	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	14.30	13.54	-0.02	0	Artenna 4	FPJF4R9KDC	QPSK	50	0	0 mm	top	1:1	0.822	1.191	0.979	0.339	0.404	
1 CC Uplink	N/A	1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.30	13.56	-0.01	0	Antenna 4	FPJF4R9KDC	QPSK	50	25	0 mm	top	1:1	0.816	1.186	0.968	0.338	0.401	
1 CC Uplink	N/A	1770.00	132572	High	LTE Band 66 (AWS)	20	14.30	13.47	-0.01	0	Antenna 4	FPJF4R9KDC	QPSK	50	0	0 mm	top	1:1	0.823	1.211	0.997	0.337	0.408	A10
1 CC Uplink	N/A	1775.00	132622	High	LTE Band 66 (AWS)	10	14.30	13.38	0.00	0	Antenna 4	FPJF4R9KDC	QPSK	25	0	0 mm	top	1:1	0.786	1.236	0.971	0.323	0.399	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	14.30	13.47	0.00	0	Antenna 4	FPJF4R9KDC	QPSK	100	0	0 mm	top	1:1	0.799	1.211	0.968	0.330	0.400	
2 CC Uplink CA_66C	PCC	1770.00	132572	High	LTE Band 66 (AWS)	20	14.30	13.11	0.03		Arterna 4	FPJF4R9KDC	OPSK	50	0	0 mm	top	1:1	0.741	1.315	0.974	0.308	0.405	
2 CC Uplink CA_66C	SCC	1750.20	132374	High	LTE Band 66 (AWS)	20	14.30	3	0.00		Alama 4	1 For 4nanoo	Gran	50	50	011111	140	1	0.747	1.313	0.317	0.300	0.403	
2 CC Uplink CA_66B	PCC	1775.00	132622	High	LTE Band 66 (AWS)	10	14.30	13.12	0.02		Arterna 4	FPJF4R9KDC	QPSK	25	0	0 mm	top	1:1	0.706	1.312	0.926	0.292	0.383	
2 CC Uplink CA_66B	SCC	1765.10	132523	High	LTE Band 66 (AWS)	10	14.30	141	0.02	Ů	Alama 4	1 For 4nanipo	Gran	25	25	011111	140	1	0.700	1.312	0.320	0.131	0.303	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	14.30	13.52	0.12	0	Antenna 4	FPJF4R9KDC	QPSK	1	0	0 mm	bottom	1:1	0.010	1.197	0.012	0.003	0.004	
1 CC Uplink	N/A	1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.30	13.56	0.19	0	Antenna 4	FPJF4R9KDC	QPSK	50	25	0 mm	bottom	1:1	0.010	1.186	0.012	0.003	0.004	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	14.30	13.52	0.17	0	Antenna 4	FPJF4R9KDC	QPSK	1	0	0 mm	right	1:1	0.005	1.197	0.006	0.002	0.002	
1 CC Uplink	N/A	1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.30	13.56	0.18	0	Antenna 4	FPJF4R9KDC	QPSK	50	25	0 mm	right	1:1	0.002	1.186	0.002	0.001	0.001	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	14.30	13.52	0.03	0	Antenna 4	FPJF4R9KDC	QPSK	-1	0	0 mm	left	1:1	0.684	1.197	0.819	0.272	0.326	
1 CC Uplink	N/A	1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.30	13.39	0.01	0	Antenna 4	FPJF4R9KDC	QPSK	1	0	0 mm	left	1:1	0.714	1.233	0.880	0.285	0.351	
1 CC Uplink	N/A	1770.00	132572	High	LTE Band 66 (AWS)	20	14.30	13.30	0.02	0	Antenna 4	FPJF4R9KDC	QPSK	-1	0	0 mm	left	1:1	0.699	1.259	0.880	0.280	0.353	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	14.30	13.54	0.02	0	Antenna 4	FPJF4R9KDC	QPSK	50	0	0 mm	left	1:1	0.703	1.191	0.837	0.279	0.332	
1 CC Uplink	N/A	1745.00	132322	Mid	LTE Band 66 (AWS)	20	14.30	13.56	0.00	0	Antenna 4	FPJF4R9KDC	QPSK	50	25	0 mm	left	1:1	0.715	1.186	0.848	0.286	0.339	
1 CC Uplink	N/A	1770.00	132572	High	LTE Band 66 (AWS)	20	14.30	13.47	0.00	0	Antenna 4	FPJF4R9KDC	QPSK	50	0	0 mm	left	1:1	0.718	1.211	0.869	0.287	0.348	
1 CC Uplink	N/A	1720.00	132072	Low	LTE Band 66 (AWS)	20	-0.02	٥	Antenna 4	FPJF4R9KDC	QPSK	100	0	0 mm	left	1:1	0.686	1.211	0.831	0.273	0.331			
			Sp	oatial Pea	SAFETY LIMIT ik eneral Population										Body //kg (mW ad over 1									

FCC ID: BCGA2568	PCTEST* Proud to be part of referenced	SAR EVALUATION REPORT	Approved by: Quality Manager
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Table 10-27 LTE Band 25 (PCS) Antenna 1b Body SAR

									MEA	SUREMENT R	ESULTS											
FI	REQUENC		Mode	Bandwidth [MHz]	Maximum Allowed Power (dBm)	Conducted Power (dBm)	Power Drift (dB)	MPR [dB]	Antenna Config.	Device Serial	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot #
MHz		h.		(mire)	rower (dam)	rower (daming	Dini (au)			Humber						Cycla	(W/kg)		(W/kg)	(W/kg)	(Wikg)	
1860.00	26140	Low	LTE Band 25 (PCS)	20	11.20	10.75	-0.09	0	Antenna 1b	LQG94JW07G	QPSK	- 1	0	0 mm	back	1:1	0.809	1.109	0.897	0.318	0.353	A11
1882.50	26365	Mid	LTE Band 25 (PCS)	20	11.20	10.95	-0.12	0	Antenna 1b	LQG94JW07G	QPSK	-1	50	0 mm	back	1:1	0.782	1.059	0.828	0.305	0.323	
1905.00	26590	High	LTE Band 25 (PCS)	20	11.20	10.86	-0.11	0	Antenna 1b	LQG94JW07G	QPSK	1	0	0 mm	back	1:1	0.750	1.081	0.811	0.295	0.319	
1860.00	26140	Low	LTE Band 25 (PCS)	20	11.20	10.97	-0.09	0	Antenna 1b	LQG94JW07G	QPSK	50	25	0 mm	back	1:1	0.803	1.054	0.846	0.317	0.334	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	11.20	10.98	-0.09	0	Antenna 1b	LQG94JW07G	QPSK	50	0	0 mm	back	1:1	0.803	1.052	0.845	0.315	0.331	
1905.00	26590	High	LTE Band 25 (PCS)	20	11.20	10.93	-0.16	0	Antenna 1b	LQG94JW07G	QPSK	50	50	0 mm	back	1:1	0.760	1.064	0.809	0.298	0.317	
1882.50																						
1882.50	0 26965 Md LTE Band 25 (PCS) 20 11.20 10.95 0.11 0 Asterna to LOGMANO7G QPSK 1 50 0mm top 1.1 0.008 1.059 0.008 0.002 0.002																					
1882.50																						
1882.50	26365	Mid	LTE Band 25 (PCS)	20	11.20	10.95	0.01	0	Antenna 1b	LQG94JW07G	QPSK	1	50	0 mm	bottom	1:1	0.430	1.059	0.455	0.182	0.193	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	11.20	10.98	-0.01	0	Antenna 1b	LQG94JW07G	QPSK	50	0	0 mm	bottom	1:1	0.452	1.052	0.476	0.191	0.201	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	11.20	10.95	0.11	0	Antenna 1b	LQG94JW07G	QPSK	1	50	0 mm	right	1:1	0.008	1.059	0.008	0.004	0.004	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	11.20	10.98	0.18	0	Antenna 1b	LQG94JW07G	QPSK	50	0	0 mm	right	1:1	0.009	1.052	0.009	0.005	0.006	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	11.20	10.95	0.09	0	Antenna 1b	LQG94JW07G	QPSK	-1	50	0 mm	left	1:1	0.038	1.059	0.040	0.018	0.019	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	11.20	10.98	0.03	0	Antenna 1b	LQG94JW07G	QPSK	50	0	0 mm	left	1:1	0.039	1.052	0.041	0.018	0.019	
1860.00	26140	Low	LTE Band 25 (PCS)	20	11.20	10.75	-0.09	0	Antenna 1b	LQG94JW07G	QPSK	- 1	0	0 mm	back	1:1	0.787	1.109	0.873	0.312	0.346	
			ANSI / IEEE C	Spatial Peak										1.6 W	Body //kg (mW d over 1							

Note: Blue entry represents variability measurement.

Table 10-28 LTE Band 25 (PCS) Antenna 2 Body SAR

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									MEA	SUREMENT R	ESULTS											
FI	REQUENC	Y	Mode	Bandwidth	Maximum Allowed	Conducted	Power	MPR (dB)	Antenna Config.	Device Serial	Modulation	BR Sire	RB Offset	Spacing	Side	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	-	ih.		[MHz]	Power (dBm)	Power [dBm]	Drift (dB)			Number						Cycle	(Wikg)		(W/kg)	(W/kg)	(Wikg)	
1860.00	26140	Low	LTE Band 25 (PCS)	20	13.80	13.00	0.06	0	Antenna 2	LQG94JW07G	QPSK	-1	0	0 mm	back	1:1	0.674	1.202	0.810	0.299	0.359	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	13.80	12.92	0.04	0	Antenna 2	LQG94JW07G	QPSK	-1	0	0 mm	back	1:1	0.638	1.225	0.782	0.282	0.345	
1905.00	26590	High	LTE Band 25 (PCS)	20	13.80	12.95	0.06	0	Antenna 2	LQG94JW07G	QPSK	- 1	99	0 mm	back	1:1	0.566	1.216	0.688	0.248	0.302	
1860.00	26140	Low	LTE Band 25 (PCS)	20	13.80	13.11	0.02	0	Antenna 2	LQG94JW07G	QPSK	50	25	0 mm	back	1:1	0.673	1.172	0.789	0.300	0.352	
1860.00	26140	Low	LTE Band 25 (PCS)	20	13.80	12.99	0.02	0	Antenna 2	LQG94JW07G	QPSK	100	0	0 mm	back	1:1	0.653	1.205	0.787	0.300	0.362	
1860.00	26140	Low	LTE Band 25 (PCS)	20	13.80	13.00	0.16	0	Antenna 2	LQG94JW07G	QPSK	- 1	0	0 mm	top	1:1	0.011	1.202	0.013	0.005	0.006	
1860.00	26140	Low	LTE Band 25 (PCS)	20	13.80	13.11	0.17	0	Antenna 2	LQG94JW07G	QPSK	50	25	0 mm	top	1:1	0.012	1.172	0.014	0.005	0.006	
1860.00	26140	Low	LTE Band 25 (PCS)	20	13.80	13.00	0.09	0	Antenna 2	LQG94JW07G	QPSK	- 1	0	0 mm	bottom	1:1	0.554	1.202	0.666	0.230	0.276	
1860.00	26140	Low	LTE Band 25 (PCS)	20	13.80	13.11	0.01	0	Antenna 2	LQG94JW07G	QPSK	50	25	0 mm	bottom	1:1	0.550	1.172	0.645	0.229	0.268	
1860.00	26140	Low	LTE Band 25 (PCS)	20	13.80	13.00	-0.02	0	Antenna 2	LQG94JW07G	QPSK	- 1	0	0 mm	right	1:1	0.713	1.202	0.857	0.287	0.345	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	13.80	12.92	0.02	0	Antenna 2	LQG94JW07G	QPSK	- 1	0	0 mm	right	1:1	0.732	1.225	0.897	0.284	0.348	
1905.00	26590	High	LTE Band 25 (PCS)	20	13.80	12.95	-0.07	0	Antenna 2	LQG94JW07G	QPSK	1	99	0 mm	right	1:1	0.643	1.216	0.782	0.257	0.313	
1860.00	26140	Low	LTE Band 25 (PCS)	20	13.80	13.11	-0.03	0	Antenna 2	LQG94JW07G	QPSK	50	25	0 mm	right	1:1	0.724	1.172	0.849	0.292	0.342	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	13.80	12.95	-0.01	0	Antenna 2	LQG94JW07G	QPSK	50	50	0 mm	right	1:1	0.707	1.216	0.860	0.284	0.345	
1905.00	26590	High	LTE Band 25 (PCS)	20	13.80	13.06	-0.02	0	Antenna 2	LQG94JW07G	QPSK	50	25	0 mm	right	1:1	0.688	1.186	0.816	0.276	0.327	
1860.00	26140	Low	LTE Band 25 (PCS)	20	13.80	12.99	-0.05	0	Antenna 2	LQG94JW07G	QPSK	100	0	0 mm	right	1:1	0.709	1.205	0.854	0.286	0.345	
1860.00	26140	Low	LTE Band 25 (PCS)	20	13.80	13.00	0.13	0	Antenna 2	LQG94JW07G	QPSK	- 1	0	0 mm	left	1:1	0.010	1.202	0.012	0.004	0.005	
1860.00	26140	Low	LTE Band 25 (PCS)	20	13.80	13.11	0.15	0	Antenna 2	LQG94JW07G	QPSK	50	25	0 mm	left	1:1	0.009	1.172	0.011	0.004	0.005	
			ANSI / IEEE C		SAFETY LIMIT										Body							
				Spatial Peak			l							l/kg (mW								
			Uncontrolled E	xposure/Ger	erai Population			l						average	d over 1	gram						

Table 10-29 LTE Band 25 (PCS) Antenna 3b Body SAR

									ME	ASUREMENT	RESULTS											
	EQUENCY		Mode	Bandwidth (MHz)	Maximum Allowed	Conducted Power [dBm]	Power Drift (dB1	MPR (dB)	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot #
MHz	Ci				Power [dBm]												(W/kg)		(Wkg)	(Wkg)	(Wkg)	
1860.00	26140	Low	LTE Band 25 (PCS)	20	12.50	11.97	0.01	0	Antenna 3b	YDHKFG44JX	QPSK	1	0	0 mm	back	1:1	0.791	1.130	0.894	0.318	0.359	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	12.50	12.18	0.01	0	Antenna 3b	YDHKFG44JX	QPSK	1	50	0 mm	back	1:1	0.739	1.076	0.795	0.303	0.326	
1905.00	26590	High	LTE Band 25 (PCS)	20	12.50	12.08	0.01	0	Antenna 3b	YDHKFG44JX	QPSK	1	0	0 mm	back	1:1	0.747	1.102	0.823	0.307	0.338	
1860.00	26140	Low	LTE Band 25 (PCS)	20	12.50	12.22	0.12	0	Antenna 3b	YDHKFG44JX	QPSK	50	25	0 mm	back	1:1	0.790	1.067	0.843	0.320	0.341	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	12.50	12.23	0.03	0	Antenna 3b	YDHKFG44JX	QPSK	50	25	0 mm	back	1:1	0.768	1.064	0.817	0.315	0.335	
1905.00	26590	High	LTE Band 25 (PCS)	20	12.50	12.14	-0.01	0	Antenna 3b	YDHKFG44JX	QPSK	50	0	0 mm	back	1:1	0.776	1.086	0.843	0.318	0.345	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	12.50	12.15	0.01	0	Antenna 3b	YDHKFG44JX	QPSK	100	0	0 mm	back	1:1	0.760	1.084	0.824	0.312	0.338	
1860.00	26140	Low	LTE Band 25 (PCS)	20	12.50	11.97	-0.04	0	Antenna 3b	YDHKFG44JX	QPSK	1	0	0 mm	top	1:1	0.683	1.130	0.772	0.287	0.324	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	12.50	12.18	0.01	0	Antenna 3b	YDHKFG44JX	QPSK	-1	50	0 mm	top	1:1	0.657	1.076	0.707	0.276	0.297	
1905.00	26590	High	LTE Band 25 (PCS)	20	12.50	12.08	0.03	0	Antenna 3b	YDHKFG44JX	QPSK	1	0	0 mm	top	1:1	0.665	1.102	0.733	0.279	0.307	
1860.00	26140	Low	LTE Band 25 (PCS)	20	12.50	12.22	-0.02	0	Antenna 3b	YDHKFG44JX	QPSK	50	25	0 mm	top	1:1	0.679	1.067	0.724	0.284	0.303	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	12.50	12.23	0.04	0	Antenna 3b	YDHKFG44JX	QPSK	50	25	0 mm	top	1:1	0.679	1.064	0.722	0.284	0.302	
1905.00	26590	High	LTE Band 25 (PCS)	20	12.50	12.14	0.07	0	Antenna 3b	YDHKFG44JX	QPSK	50	0	0 mm	top	1:1	0.678	1.086	0.736	0.285	0.310	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	12.50	12.15	-0.02	0	Antenna 3b	YDHKFG44JX	QPSK	100	0	0 mm	top	1:1	0.682	1.084	0.739	0.286	0.310	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	12.50	12.18	0.11	0	Antenna 3b	YDHKFG44JX	QPSK	1	50	0 mm	bottom	1:1	0.002	1.076	0.002	0.000	0.000	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	12.50	12.23	0.11	0	Antenna 3b	YDHKFG44JX	QPSK	50	25	0 mm	bottom	1:1	0.002	1.064	0.002	0.000	0.000	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	12.50	12.18	-0.01	0	Antenna 3b	YDHKFG44JX	QPSK	1	50	0 mm	right	1:1	0.056	1.076	0.060	0.025	0.027	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	12.50	12.23	0.00	0	Antenna 3b	YDHKFG44JX	QPSK	50	25	0 mm	right	1:1	0.058	1.064	0.062	0.026	0.028	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	12.50	12.18	0.02	0	Antenna 3b	YDHKFG44JX	QPSK	1	50	0 mm	left	1:1	0.017	1.076	0.018	0.008	0.009	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	12.50	12.23	0.13	0	Antenna 3b	YDHKFG44JX	QPSK	50	25	0 mm	left	1:1	0.018	1.064	0.019	0.008	0.009	
			ANSI / IEEE C95.1 19 Spatial Uncontrolled Exposur	Peak											Body V/kg (mV ed over 1							

FCC ID: BCGA2568	PCTEST* Proud to be part of referenced	SAR EVALUATION REPORT	Approved by: Quality Manager
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Table 10-30 LTE Band 25 (PCS) Antenna 4 Body SAR

									<u> </u>	0 , ,					٠.,							_
									ME	ASUREMENT R	ESULTS											
FI	REQUENC	:Y	Mode	Bandwidth	Maximum Allowed	Conducted	Power	MPR (dB)	Antenna Config.	Device Serial	Modulation	RB Size	RB Offset	Spacing	Side	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	-	žh.		[MHz]	Power (dBm)	Power (dBm)	Drift [dB]	. ,		Number						Cycle	(Wilkg)		(W/kg)	(Wikg)	(Wkg)	_
1860.00	Co. 1 D 26140 Low LTE Band 25 (PCS) 20 14.00 0 2 2440 Low LTE Band 25 (PCS) 20 14.00 0 2 2440 Low LTE Band 25 (PCS) 20 14.00 0 2 2440 Low LTE Band 25 (PCS) 20 14.00 0 2 2450 Low LTE Band 25 (PCS) 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2						0.01	0	Antenna 4	352797110564155	QPSK	1	0	0 mm	back	1:1	0.540	1.276	0.689	0.264	0.337	
1860.00	26140	Low	LTE Band 25 (PCS)	20	14.00	13.09	-0.04	0	Antenna 4	352797110564155	QPSK	50	0	0 mm	back	1:1	0.559	1.233	0.689	0.273	0.337	
1860.00	26140	Low	LTE Band 25 (PCS)	20	14.00	12.94	-0.02	0	Antenna 4	352797110564155	QPSK	1	0	0 mm	top	1:1	0.641	1.276	0.818	0.263	0.336	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	14.00	12.93	-0.01	0	Antenna 4	352797110564155	QPSK	1	99	0 mm	top	1:1	0.644	1.279	0.824	0.263	0.336	
1905.00	26590	High	LTE Band 25 (PCS)	20	14.00	12.93	-0.01	0	Antenna 4	352797110564155	QPSK	1	99	0 mm	top	1:1	0.624	1.279	0.798	0.254	0.325	
1860.00	26140	Low	LTE Band 25 (PCS)	20	14.00	13.09	-0.02	0	Antenna 4	352797110564155	QPSK	50	0	0 mm	top	1:1	0.660	1.233	0.814	0.271	0.334	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	14.00	13.02	-0.04	0	Antenna 4	352797110564155	QPSK	50	50	0 mm	top	1:1	0.663	1.253	0.831	0.270	0.338	
1905.00	26590	High	LTE Band 25 (PCS)	20	14.00	13.08	-0.01	0	Antenna 4	352797110564155	QPSK	50	25	0 mm	top	1:1	0.659	1.236	0.815	0.269	0.332	
1860.00	26140	Low	LTE Band 25 (PCS)	20	14.00	12.93	-0.01	0	Antenna 4	352797110564155	QPSK	100	0	0 mm	top	1:1	0.655	1.279	0.838	0.268	0.343	
1860.00	26140	Low	LTE Band 25 (PCS)	20	14.00	12.94	0.15	0	Antenna 4	352797110564155	QPSK	-1	0	0 mm	bottom	1:1	0.002	1.276	0.003	0.000	0.000	
1860.00	26140	Low	LTE Band 25 (PCS)	20	14.00	13.09	0.15	0	Antenna 4	352797110564155	QPSK	50	0	0 mm	bottom	1:1	0.002	1.233	0.002	0.000	0.000	
1860.00	26140	Low	LTE Band 25 (PCS)	20	14.00	12.94	0.12	0	Antenna 4	352797110564155	QPSK	-1	0	0 mm	right	1:1	0.001	1.276	0.001	0.000	0.000	
1860.00	0.00 26140 Low LTE Band 25 (PCS) 20 14.00 13.0 0.00 26140 Low LTE Band 25 (PCS) 20 14.00 12.9 0.00 26140 Low LTE Band 25 (PCS) 20 14.00 13.0							0	Antenna 4	352797110564155	QPSK	50	0	0 mm	right	1:1	0.001	1.233	0.001	0.000	0.000	
1860.00	26140	Low	LTE Band 25 (PCS)	20	14.00	12.94	0.04	0	Antenna 4	352797110564155	QPSK	-1	0	0 mm	left	1:1	0.673	1.276	0.859	0.274	0.350	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	14.00	12.93	0.02	0	Antenna 4	352797110564155	QPSK	-1	99	0 mm	left	1:1	0.697	1.279	0.891	0.280	0.358	
1905.00	26590	High	LTE Band 25 (PCS)	20	14.00	12.93	0.01	0	Antenna 4	352797110564155	QPSK	-1	99	0 mm	left	1:1	0.700	1.279	0.895	0.279	0.357	
1860.00	26140	Low	LTE Band 25 (PCS)	20	14.00	13.09	-0.02	0	Antenna 4	352797110564155	QPSK	50	0	0 mm	left	1:1	0.696	1.233	0.858	0.283	0.349	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	14.00	13.02	0.03	0	Antenna 4	352797110564155	QPSK	50	50	0 mm	left	1:1	0.712	1.253	0.892	0.286	0.358	
1905.00	26590	High	LTE Band 25 (PCS)	20	14.00	13.08	0.02	0	Antenna 4	352797110564155	QPSK	50	25	0 mm	left	1:1	0.724	1.236	0.895	0.289	0.357	
1860.00	26140	Low	LTE Band 25 (PCS)	20	14.00	12.93	-0.12	0	Antenna 4	352797110564155	QPSK	100	0	0 mm	left	1:1	0.699	1.279	0.894	0.284	0.363	
			ANSI / IEEE C			•			•		•	•			Body			•			•	
				Spatial Peak											/kg (mW							
			uncontrolled E	xposure/Ger	neral Population									average	d over 1	gram						

Table 10-31 LTE Band 30 Antenna 1b Body SAR

									MEA	SUREMENT R	ESULTS											
F	REQUENC	Y	Mode	Bandwidth (MHz)	Maximum Allowed Power (dBm)	Conducted Power (dBm)	Power Drift (dB1	MPR (dB)	Antenna Config.	Device Serial	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot #
MHz	0	h.		[MHz]	Power [dBm]	Power [dBm]	Drift [dB]			Number						Cycle	(W/kg)		(W/kg)	(Wikg)	(Wkg)	
2310.00	27710	Mid	LTE Band 30	10	12.30	11.72	-0.02	0	Antenna 1b	LQG94JW07G	QPSK	-1	0	0 mm	back	1:1	0.759	1.143	0.868	0.276	0.315	
2310.00	27710	Mid	LTE Band 30	10	12.30	11.98	0.01	0	Antenna 1b	LQG94JW07G	QPSK	25	12	0 mm	back	1:1	0.764	1.076	0.822	0.268	0.288	
2310.00	27710	Mid	LTE Band 30	10	12.30	11.70	-0.01	0	Antenna 1b	LQG94JW07G	QPSK	50	0	0 mm	back	1:1	0.751	1.148	0.862	0.263	0.302	
2310.00	27710	Mid	LTE Band 30	10	12.30	11.72	0.05	0	Antenna 1b	LQG94JW07G	QPSK	-1	0	0 mm	top	1:1	0.046	1.143	0.053	0.015	0.017	
2310.00	27710	Mid	LTE Band 30	10	12.30	11.98	0.18	0	Antenna 1b	LQG94JW07G	QPSK	25	12	0 mm	top	1:1	0.039	1.076	0.042	0.013	0.014	
2310.00	27710	Mid	LTE Band 30	10	12.30	11.72	0.01	0	Antenna 1b	LQG94JW07G	QPSK	1	0	0 mm	bottom	1:1	0.602	1.143	0.688	0.206	0.235	
2310.00	27710	Mid	LTE Band 30	10	12.30	11.98	-0.02	0	Antenna 1b	LQG94JW07G	QPSK	25	12	0 mm	bottom	1:1	0.634	1.076	0.682	0.217	0.233	
2310.00	27710	Mid	LTE Band 30	10	12.30	11.72	-0.10	0	Antenna 1b	LQG94JW07G	QPSK	-1	0	0 mm	right	1:1	0.033	1.143	0.038	0.013	0.015	
2310.00	27710	Mid	LTE Band 30	10	12.30	11.98	0.03	0	Antenna 1b	LQG94JW07G	QPSK	25	12	0 mm	right	1:1	0.040	1.076	0.043	0.016	0.017	
2310.00	27710	Mid	LTE Band 30	10	12.30	11.72	-0.06	0	Antenna 1b	LQG94JW07G	QPSK	-1	0	0 mm	left	1:1	0.026	1.143	0.030	0.010	0.011	
2310.00	27710	Mid	LTE Band 30	10	12.30	11.98	-0.11	0	Antenna 1b	LQG94JW07G	QPSK	25	12	0 mm	left	1:1	0.028	1.076	0.030	0.011	0.012	
			E C95.1 1992 - SAFE Spatial Peak											1.6 W	Body /kg (mW							
	Ur	ncontrolle	ed Exposure/General	Population										average	d over 1	gram						

Table 10-32 LTE Band 30 Antenna 2 Body SAR

									•••	VIIICII				~,	<u> </u>	•••						
									MEA	SUREMENT R	ESULTS											
FI	REQUENC	Y	Mode	Bandwidth (MHz)	Maximum Allowed Power (dBm)	Conducted Power (dBm)	Power Drift (dB)	MPR (dB)	Antenna Config.	Device Serial	Modulation	RB Size	RB Offset	Specing	Side	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot #
MHz	C	h.		[MHz]	Power [dBm]	Power [dBm]	Drift [dB]			Number						Cycle	(W/kg)		(W/kg)	(W/kg)	(W/kg)	
2310.00	27710	Mid	LTE Band 30	10	13.20	12.67	-0.02	0	Antenna 2	YDHKFG44JX	QPSK	-1	0	0 mm	back	1:1	0.763	1.130	0.862	0.310	0.350	
2310.00	27710	Mid	LTE Band 30	10	13.20	12.75	0.01	0	Antenna 2	YDHKFG44JX	QPSK	25	25	0 mm	back	1:1	0.766	1.109	0.849	0.311	0.345	
2310.00	27710	Mid	LTE Band 30	10	13.20	12.66	0.00	0	Antenna 2	YDHKFG44JX	QPSK	50	0	0 mm	back	1:1	0.784	1.132	0.887	0.319	0.361	
2310.00	27710	Mid	LTE Band 30	10	13.20	12.67	0.03	0	Antenna 2	YDHKFG44JX	QPSK	-1	0	0 mm	top	1:1	0.002	1.130	0.002	0.000	0.000	
2310.00	27710	Mid	LTE Band 30	10	13.20	12.75	0.11	0	Antenna 2	YDHKFG44JX	QPSK	25	25	0 mm	top	1:1	0.001	1.109	0.001	0.000	0.000	
2310.00	27710	Mid	LTE Band 30	10	13.20	12.67	-0.01	0	Antenna 2	YDHKFG44JX	QPSK	-1	0	0 mm	bottom	1:1	0.465	1.130	0.525	0.163	0.184	
2310.00	27710	Mid	LTE Band 30	10	13.20	12.75	0.03	0	Antenna 2	YDHKFG44JX	QPSK	25	25	0 mm	bottom	1:1	0.464	1.109	0.515	0.165	0.183	
2310.00	27710	Mid	LTE Band 30	10	13.20	12.67	0.05	0	Antenna 2	YDHKFG44JX	QPSK	1	0	0 mm	right	1:1	0.729	1.130	0.824	0.265	0.299	
2310.00	27710	Mid	LTE Band 30	10	13.20	12.75	0.03	0	Antenna 2	YDHKFG44JX	QPSK	25	25	0 mm	right	1:1	0.764	1.109	0.847	0.279	0.309	
2310.00	27710	Mid	LTE Band 30	10	13.20	12.66	0.04	0	Antenna 2	YDHKFG44JX	QPSK	50	0	0 mm	right	1:1	0.773	1.132	0.875	0.281	0.318	
2310.00	27710	Mid	LTE Band 30	10	13.20	12.67	-0.06	0	Antenna 2	YDHKFG44JX	QPSK	-1	0	0 mm	left	1:1	0.031	1.130	0.035	0.012	0.014	
2310.00	27710	Mid	LTE Band 30	10	13.20	12.75	-0.02	0	Antenna 2	YDHKFG44JX	QPSK	25	25	0 mm	left	1:1	0.034	1.109	0.038	0.014	0.016	
			EE C95.1 1992 - SAFE Spatial Peak ed Exposure/General											1.6 W	Body /kg (mW d over 1							

FCC ID: BCGA2568	PCTEST* Proud to be part of @element	SAR EVALUATION REPORT	Approved by: Quality Manager
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Table 10-33 LTE Band 30 Antenna 3b Body SAR

1776 Mod LTE Band 30 10 14-00 13-00 0.002 0 America 20 TYPROCCHE OPEN 1 25 0.000 1777 Mod LTE Band 30 10 14-00 13-00 0.002 0 America 20 TYPROCCHE OPEN 5 12 0.000 1770 Mod LTE Band 30 10 14-00 13-00 0.002 0 America 20 TYPROCCHE OPEN 5 12 0.000 14-00 13-00 0.002															,								
Part Part										ME	ASUREMENT	RESULTS											
No.	FRI	EQUENCY	r	Mode				Power	MPR (dB)	Antenna Config.		Modulation	RB Size	RB Offset	Spacing	Side		SAR (1g)			SAR (10g)		
100 2770 Md LTE Bard 30 10 14-00 13.8 0.00 0 Amenica B TYPROCC46 0PSK 25 12 0 mm bask 1:1 0.783 1.266 0.0975 0.385	MHz	CI	h.		[MHz]	Power [dBm]	Power [dBm]	Drift [dB]			Number						Cycle	(Wkg)		(Wkg)	(W/kg)	(Wkg)	\perp
100 7770 Md LTE Baud 30 10 14-00 13-30 0.03 0 Amenos 30 T3YROCC46 0PSK 10 25 0mm log 11 0.75 12:0 0.93 0.36 0.36 0.34 0.34 0.00 0.07 0.07 0.07 0.07 0.07 0.07 0.0	2310.00	27710	Mid	LTE Band 30	10	14.40	13.40	-0.02	0	Antenna 3b	T3Y6XQC446	QPSK	-1	25	0 mm	back	1:1	0.766	1.259	0.964	0.278	0.350	
100 7770 Md LITE Bard 30 10 1440 13.6 0.03 0 Amenica Bi T3YRBQC46 0PSK 1 25 0 nm log 1:1 0.755 1.259 0.913 0.222 0.317 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2310.00	27710	Mid	LTE Band 30	10	14.40	13.45	0.00	0	Antenna 3b	T3Y6XQC446	QPSK	25	12	0 mm	back	1:1	0.783	1.245	0.975	0.285	0.355	
100 2770 Md LTE Bard 30 10 14-00 13.8 0.02 0 Ameno 20 TYPROCC46 0PSK 25 12 0 mm log 1:1 0.740 13.6 0.03 0.00 0.00 0.00 0.00 0.00 0.00 0	2310.00	27710	Mid	LTE Band 30	10	14.40	13.38	0.00	0	Antenna 3b	T3Y6XQC446	QPSK	50	0	0 mm	back	1:1	0.785	1.265	0.993	0.286	0.362	
100 2770 Md LTE Bard 30 10 14-40 13-30 4.01 0 Antenna B TZYROCC46 0PSK 10 0 0 mm kg 1:1 0.764 1266 0.944 0.266 0.228 100 2770 Md LTE Bard 30 10 14-60 13-60 0.91 0 Antenna B TZYROCC46 0PSK 1 25 0 mm kscm 1:1 0.000 12:09 0.000 0.0	2310.00	27710	Mid	LTE Band 30	10	14.40	13.40	0.03	0	Antenna 3b	T3Y6XQC446	QPSK	-1	25	0 mm	top	1:1	0.725	1.259	0.913	0.252	0.317	
000 2770 Md LTE Bard 30 10 14-40 13-6 0.19 0 Antenna Br T37NDCC46 0PSK 1 25 0 mm betom 1:1 0.000 1.259 0.000	2310.00	27710	Mid	LTE Band 30	10	14.40	13.45	0.02	0	Antenna 3b	T3Y6XQC446	QPSK	25	12	0 mm	top	1:1	0.749	1.245	0.933	0.260	0.324	
100 2770 Md LITE Bard 30 10 14-40 13-6 0.19 0 Antenna 30 T3790C46 CPSK 25 12 0 mm beton 1:1 0.091 1.245 0.001 0.000 0.000 1000 0.000	2310.00	27710	Mid	LTE Band 30	10	14.40	13.38	-0.02	0	Antenna 3b	T3Y6XQC446	QPSK	50	0	0 mm	top	1:1	0.746	1.265	0.944	0.259	0.328	
100 2770 Md LTE Bard 30 10 14-00 13-0 0-0 0 Annon-30 T3YENCC46 0PSK 1 25 0 mm Aget 1:1 0.000 12:0 0.008 0.013 0.016 0.000 0770 Md LTE Bard 30 10 14-0 13-6 0.01 0 Annon-30 T3YENCC46 0PSK 25 12 0 mm Aget 1:1 0.001 12:0 0.008 0.013 0.016 0.000 0770 Md LTE Bard 30 10 14-0 13-6 0.01 0 Annon-30 T3YENCC46 0PSK 25 12 0 mm Aget 1:1 0.001 12:0 0.001 0.009 0.001 0.009 0.000 0770 Md LTE Bard 30 10 14-0 13-6 0.01 0 Annon-30 T3YENCC46 0PSK 25 12 0 mm Mt 1:1 0.015 12:0 0.001 0.007 0.000 0770 Md LTE Bard 30 10 14-0 13-6 0.01 0.01 0.000 0770 Md LTE Bard 30 10 14-0 13-6 0.01 0.000 0770 Md LTE Bard 30 10 14-0 13-6 0.01 0.000 0770 Md LTE Bard 30 10 14-0 13-6 0.01 0.000 0770 Md LTE Bard 30 10 14-0 13-6 0.01 0.000 0.000 0.000 0770 Md LTE Bard 30 10 14-0 13-6 0.01 0.000 0.00	2310.00	27710	Mid	LTE Band 30	10	14.40	13.40	-0.11	0	Antenna 3b	T3Y6XQC446	QPSK	-1	25	0 mm	bottom	1:1	0.000	1.259	0.000	0.000	0.000	
000 27710 Md LTE Bard 30 10 14-40 13-66 0.03 0 Antenna 30 T3YSKQC466 0PSK 25 12 0mm logs 1:1 0.031 12:65 0.039 0.013 0.015 000 27710 Md LTE Bard 30 10 14-40 13-60 0.12 0 Antenna 30 T3YSKQC466 0PSK 1 25 0mm lost 1:1 0.015 12:59 0.019 0.007 0.009 NASI/EEC SCS. 1925 2-SEFEY LWHT Spatial Peak 1. Wilk (m/Wg)	2310.00	27710	Mid	LTE Band 30	10	14.40	13.45	-0.19	0	Antenna 3b	T3Y6XQC446	QPSK	25	12	0 mm	bottom	1:1	0.001	1.245	0.001	0.000	0.000	
1000 27710 Md LTE Band 30 10 14-40 13-40 0-19 0 Antenna B T3YSDCC466 CPSK 1 25 0 mm lat 1:1 0.015 1.259 0.019 0.007 0.009 10:00 27710 Md LTE Band 30 10 14-40 13-45 0.12 0 Antenna B T3YSDCC466 CPSK 25 12 0 mm lat 1:1 0.015 1.245 0.019 0.008 0.007 10:00 0.007 10:00 0.009 10:00 0.007 10:00 0.008 0.007 10:00 0.009 10:00	2310.00	27710	Mid	LTE Band 30	10	14.40	13.40	-0.04	0	Antenna 3b	T3Y6XQC446	QPSK	-1	25	0 mm	right	1:1	0.030	1.259	0.038	0.013	0.016	
10.00 277-0 Mod LTE Band 30 10 14-00 13-66 0.12 0 Antonio 20 T3YNDCC466 CPSK 25 12 0 mm bit 1:1 0.015 1.245 0.019 0.005 0.007	2310.00	27710	Mid	LTE Band 30	10	14.40	13.45	0.03	0	Antenna 3b	T3Y6XQC446	QPSK	25	12	0 mm	right	1:1	0.031	1.245	0.039	0.013	0.016	
ANS/ / EEE CS.1 1992 - SAFETY LIMIT Spatial Peak 1.6 Wing (mWg)	2310.00	27710	Mid	LTE Band 30	10	14.40	13.40	-0.19	0	Antenna 3b	T3Y6XQC446	QPSK	1	25	0 mm	left	1:1	0.015	1.259	0.019	0.007	0.009	
Spatial Peak 1.6 W/kg (mWg)	2310.00	27710	Mid	2.2.2.00			13.45	0.12	0	Antenna 3b	T3Y6XQC446	QPSK	25	12	0 mm		1:1	0.015	1.245	0.019	0.006	0.007	
						LIMIT																	
															1.6 V	//kg (mV	Vg)						
Uncontrolled Exposure/General Population averaged over 1 gram				Uncontrolled Exposur	e/General Po	pulation									averag	ed over 1	gram						

Table 10-34 LTE Band 30 Antenna 4 Body SAR

									MEA	SUREMENT R	ESULTS											
FI	REQUENC	Y	Mode	Bandwidth (MHz)	Maximum Allowed Power (dBm)	Conducted Power (dBm)	Power Drift [dB]	MPR (dB)	Antenna Config.	Device Serial	Modulation	RB Size	RB Offset	Spacing	Side	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	c	h.		(mark)	Fower (doing	rower (domin)	Dinit [day]			Humber						Cycle	(W.fkg)		(W/kg)	(W/kg)	(Wilkg)	
2310.00	27710	Mid	LTE Band 30	10	14.20	13.25	0.00	0	Antenna 4	MHFY65WKTX	QPSK	-1	0	0 mm	back	1:1	0.756	1.245	0.941	0.315	0.392	
2310.00	27710	Mid	LTE Band 30	10	14.20	13.47	0.01	0	Antenna 4	MHFY65WKTX	QPSK	25	12	0 mm	back	1:1	0.766	1.183	0.906	0.319	0.377	
2310.00	27710	Mid	LTE Band 30	10	14.20	13.21	-0.01	0	Antenna 4	MHFY65WKTX	QPSK	50	0	0 mm	back	1:1	0.762	1.256	0.957	0.318	0.399	
2310.00	27710	Mid	LTE Band 30	10	14.20	13.25	-0.02	0	Antenna 4	MHFY65WKTX	QPSK	1	0	0 mm	top	1:1	0.504	1.245	0.627	0.206	0.256	
2310.00	27710	Mid	LTE Band 30	10	14.20	13.47	0.04	0	Antenna 4	MHFY65WKTX	QPSK	25	12	0 mm	top	1:1	0.476	1.183	0.563	0.195	0.231	
2310.00	27710	Mid	LTE Band 30	10	14.20	13.25	-0.04	0	Antenna 4	MHFY65WKTX	QPSK	1	0	0 mm	bottom	1:1	0.002	1.245	0.002	0.000	0.000	
2310.00	27710	Mid	LTE Band 30	10	14.20	13.47	-0.11	0	Antenna 4	MHFY65WKTX	QPSK	25	12	0 mm	bottom	1:1	0.003	1.183	0.004	0.001	0.001	
2310.00	27710	Mid	LTE Band 30	10	14.20	13.25	0.00	0	Antenna 4	MHFY65WKTX	QPSK	- 1	0	0 mm	right	1:1	0.003	1.245	0.004	0.000	0.000	
2310.00	27710	Mid	LTE Band 30	10	14.20	13.47	0.00	0	Antenna 4	MHFY65WKTX	QPSK	25	12	0 mm	right	1:1	0.002	1.183	0.002	0.000	0.000	
2310.00	27710	Mid	LTE Band 30	10	14.20	13.25	-0.06	0	Antenna 4	MHFY65WKTX	QPSK	- 1	0	0 mm	left	1:1	0.773	1.245	0.962	0.286	0.356	
2310.00	27710	Mid	LTE Band 30	10	14.20	13.47	0.02	0	Antenna 4	MHFY65WKTX	QPSK	25	12	0 mm	left	1:1	0.841	1.183	0.995	0.304	0.360	A12
2310.00	27710	Mid	LTE Band 30	10	14.20	13.21	-0.01	0	Antenna 4	MHFY65WKTX	QPSK	50	0	0 mm	left	1:1	0.788	1.256	0.990	0.291	0.365	
2310.00	27710	Mid	LTE Band 30	10	14.20	13.47	0.00	0	Antenna 4	MHFY65WKTX	QPSK	25	12	0 mm	left	1:1	0.792	1.183	0.937	0.292	0.345	
			EE C95.1 1992 - SAFE Spatial Peak and Exposure/General											1.6 W	Body /kg (mW d over 1							
	- 0	il Conti Can		Opulation											u over 1	gram						

Note: Blue entry represents variability measurement.

Table 10-35 LTE Band 7 Antenna 1b Body SAR

										ME	ASUREMEN	T RESULTS												
1 CC Uplink 2 CC Uplink	Component Carrier	FR	EQUENCY		Mode	Bandwidth [MHz]	Maximum Allowed Power (dBm)	Conducted Power [dBm]	Power Drift [dB]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RS Offset	Spacing	Side	Duty Cycle	SAR (1g) (W/ho)	Scaling Factor	Reported SAR (1g) (Wkg)	SAR (10g)	Reported SAR (10g) (W/kg)	Plot#
1 CC Uplink	N/A	2510.00	20850	Low	LTE Band 7	20	13.00	11.87	-0.13	0	Antenna 1b	QW42KQWP44	QPSK	1	99	0 mm	back	1:1	0.684	1.297	0.887	0.228	0.296	
1 CC Uplink	N/A	2535.00	21100	Mid	LTE Band 7	20	13.00	12.00	-0.08	0	Antenna 1b	QW42KQWP44	QPSK	1	0	0 mm	back	1:1	0.694	1.259	0.874	0.230	0.290	
1 CC Uplink	N/A	2560.00	21350	High	LTE Band 7	20	13.00	12.08	-0.08	0	Antenna 1b	QW42KQWP44	QPSK	1	0	0 mm	back	1:1	0.707	1.242	0.878	0.232	0.288	
1 CC Uplink	N/A	2510.00	20850	Low	LTE Band 7	20	13.00	12.09	-0.06	0	Antenna 1b	QW42KQWP44	QPSK	50	50	0 mm	back	1:1	0.713	1.233	0.879	0.238	0.293	
1 CC Uplink	N/A	2535.00	21100	Mid	LTE Band 7	20	13.00	12.04	-0.08	0	Antenna 1b	QW42KQWP44	QPSK	50	0	0 mm	back	1:1	0.720	1.247	0.898	0.238	0.297	
1 CC Uplink	N/A	2560.00	21350	High	LTE Band 7	20	13.00	12.10	-0.07	0	Antenna 1b	QW42KQWP44	QPSK	50	0	0 mm	back	1:1	0.724	1.230	0.891	0.237	0.292	
1 CC Uplink	N/A	2535.00	21100	Mid	LTE Band 7	20	13.00	12.05	-0.06	0	Antenna 1b	QW42KQWP44	QPSK	100	0	0 mm	back	1:1	0.719	1.245	0.895	0.238	0.296	
2 CC Uplink	PCC	2535.00	21100	Mid	LTE Band 7	20	13.00	12.19	-0.12	0	Antenna 1b	QW42KQWP44	QPSK	50	0	0 mm	back	1:1	0.744	1.205	0.897	0.247	0.298	
2 CC Uplink	scc	2515.20	20902	Mid	LTE Band 7	20	13.00	12.19	-0.12		America 10	UNIAZKUMP44	UPSK	50	50	0 mm	DMCK	111	0.744	1.205	0.897	0.247	0.296	
1 CC Uplink	N/A	2560.00	21350	High	LTE Band 7	20	13.00	12.06	0.12	0	Antenna 1b	QW42KQWP44	QPSK	- 1	0	0 mm	top	1:1	0.020	1.242	0.025	0.004	0.005	
1 CC Uplink	N/A	2560.00	21350	High	LTE Band 7	20	13.00	12.10	0.21	0	Antenna 1b	QW42KQWP44	QPSK	50	0	0 mm	top	1:1	0.019	1.230	0.023	0.004	0.005	
1 CC Uplink	N/A	2510.00	20850	Low	LTE Band 7	20	13.00	11.87	-0.02	0	Antenna 1b	QW42KQWP44	QPSK	-1	99	0 mm	bottom	1:1	0.633	1.297	0.821	0.210	0.272	
1 CC Uplink	N/A	2535.00	21100	Mid	LTE Band 7	20	13.00	12.00	-0.01	0	Antenna 1b	QW42KQWP44	QPSK	-1	0	0 mm	bottom	1:1	0.651	1.259	0.820	0.214	0.269	
1 CC Uplink	N/A	2560.00	21350	High	LTE Band 7	20	13.00	12.06	-0.07	0	Antenna 1b	QW42KQWP44	QPSK	-1	0	0 mm	bottom	1:1	0.703	1.242	0.873	0.232	0.288	
1 CC Uplink	N/A	2510.00	20850	Low	LTE Band 7	20	13.00	12.09	-0.03	0	Antenna 1b	QW42KQWP44	QPSK	50	50	0 mm	bottom	1:1	0.651	1.233	0.803	0.214	0.264	
1 CC Uplink	N/A	2535.00	21100	Mid	LTE Band 7	20	13.00	12.04	-0.06	0	Antenna 1b	QW42KQWP44	QPSK	50	0	0 mm	bottom	1:1	0.681	1.247	0.849	0.224	0.279	
1 CC Uplink	N/A	2560.00	21350	High	LTE Band 7	20	13.00	12.10	-0.01	0	Antenna 1b	QW42KQWP44	QPSK	50	0	0 mm	bottom	1:1	0.726	1.230	0.893	0.239	0.294	
1 CC Uplink	N/A	2535.00	21100	Mid	LTE Band 7	20	13.00	12.05	0.00	0	Antenna 1b	QW42KQWP44	QPSK	100	0	0 mm	bottom	1:1	0.689	1.245	0.858	0.227	0.283	
1 CC Uplink	N/A	2560.00	21350	High	LTE Band 7	20	13.00	12.08	-0.21	0	Antenna 1b	QW42KQWP44	QPSK	1	0	0 mm	right	1:1	0.025	1.242	0.031	0.009	0.011	
1 CC Uplink	N/A	2560.00	21350	High	LTE Band 7	20	13.00	12.10	0.16	0	Antenna 1b	QW42KQWP44	QPSK	50	0	0 mm	right	1:1	0.031	1.230	0.038	0.011	0.014	
1 CC Uplink	N/A	2560.00	21350	High	LTE Band 7	20	13.00	12.08	0.14	0	Antenna 1b	QW42KQWP44	QPSK	1	0	0 mm	left	1:1	0.018	1.242	0.022	0.004	0.005	
1 CC Uplink	N/A	2560.00	21350	High	LTE Band 7	20	13.00	12.10	0.14	0	Antenna 1b	QW42KQWP44	QPSK	50	0	0 mm	left	1:1	0.012	1.230	0.015	0.003	0.004	
					95.1 1992 - SAFETY LIN Spatial Peak :posure/General Popula											1.6 W	Body I/kg (mW id over 1							

FCC ID: BCGA2568	PCTEST*	SAR EVALUATION REPORT	Approved by: Quality Manager
Document S/N:	Test Dates:	DUT Type:	Page 152 of 201
1C2106080049-28.BCG (Rev 1)	06/23/2021-08/23/2021	Tablet Device	Fage 152 01 201

Table 10-36 LTE Band 7 Antenna 2 Body SAR

	SAR (1g) ycle (Wkg) 1:1 0.676	Scaling Facts		SAR (10s)	Reported SAR	
	ycle (Wkg) 1:1 0.676	Scaling Facts	or (1g)	SAR (10c)	Deported SAR	
CC Lipide No. 201500 2005 Lipide LTE Bard 20 11.50 11.50 6.02 0 Answers OWCKNOWN4 OFFSK 1 59 0.00 Back 1.00 Lipide No. 201500 2005 Lipide LTE Bard 20 11.50 11.50 6.02 0 Answers OWCKNOWN4 OFFSK 1 59 0.00 Back 1.00 Lipide No. 201500 2005 Lipide LTE Bard 20 11.50 11.50 11.50 6.03 0 Answers OWCKNOWN4 OFFSK 1 6 6 6 6 6 6 6 6 6	(Wkg) 1:1 0.676				(10g)	Plot#
1CC LIGAR NA 283.0 2710 MA LTE Bud 7 20 11.50 11.30 1.00 0 Annex 2 ONESCONA OPSC 1 0 0 0 m lask 1 CC LIGAR NA 280.0 2750 MgA LTE Bud 7 20 11.50 11.30 11.0 0 Annex 2 ONESCONA OPSC 1 0 0 0 m lask 2 CC LIGAR PC 2 STORY 2 STOR	_		(W/kg)	(Wikg)	(W/kg)	
1CC (1696 NA 28000 2750 Hg) LTE Bard 7 20 1130 1134 011 0 Asserva 2004CXXXXVVV 0F6K 1 0 0 0mm bask 1CC (1696 NA 28100 28000 Low LTE Bard 7 20 1130 1130 0150 0 Asserva 2004CXXXVVV 0F6K 1 0 0 0mm bask 2CC (1696 NA 28100 28000 2750 Hg) LTE Bard 7 20 1130 1130 0150 0 Asserva 2004CXXVVV 0F6K 1 0 0 0mm bask 1CC (1696 NA 28100 2750 Hg) LTE Bard 7 20 1130 1130 0150 0 Asserva 2004CXXVVV 0F6K 1 0 0 0mm bask 1CC (1696 NA 28100 2750 Hg) LTE Bard 7 20 1130 1130 0 Asserva 2004CXXVVV 0F6K 1 0 50 0mm bask 1CC (1696 NA 28100 2750 Hg) LTE Bard 7 20 1130 1130 1130 0 Asserva 2004CXXVVV 0F6K 1 0 50 0mm bask 1CC (1696 NA 28100 2750 Hg) LTE Bard 7 20 1130 1130 1130 0 Asserva 2004CXXVVV 0F6K 1 0 50 0mm bask 1CC (1696 NA 28100 2750 Hg) LTE Bard 7 20 1130 1130 1130 0 Asserva 2004CXXVVV 0F6K 1 0 50 0mm bask 1CC (1696 NA 28100 2750 Hg) LTE Bard 7 20 1130 1130 1130 0 Asserva 2004CXXVVV 0F6K 1 0 50 0mm bask 1CC (1696 NA 28100 2750 Hg) LTE Bard 7 20 1130 1130 1130 0 Asserva 2004CXXVVV 0F6K 1 0 50 0mm bask 1CC (1696 NA 28100 2750 Hg) LTE Bard 7 20 1130 1130 1130 0 Asserva 2004CXXVVV 0F6K 1 0 50 0mm bask 1CC (1696 NA 28100 2750 Hg) LTE Bard 7 20 1130 1130 1130 0 Asserva 2004CXXVVV 0F6K 1 0 50 0mm bask 1CC (1696 NA 28100 2750 Hg) LTE Bard 7 20 1130 1130 1130 0 Asserva 2004CXXVVV 0F6K 1 0 50 0mm bask 1CC (1696 NA 28100 2750 Hg) LTE Bard 7 20 1130 1130 1130 0 Asserva 2004CXXVVV 0F6K 1 0 50 0mm bask 1CC (1696 NA 28100 2750 Hg) LTE Bard 7 20 1130 1130 1130 0 Asserva 2004CXXVVV 0F6K 1 0 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1.109	0.750	0.251	0.278	
1CC (1966 NA 2010) 2009 Lon LTE Bast 7 20 11:00 11:00 4:00 0 Assembly ONCOXONNA OPEN 50 50 0 mm hash 2CC (1966 PCC 2000) 2009 1309 Hg LTE Bast 7 20 11:00 11:00 0 Assembly ONCOXONNA OPEN 50 50 0 mm hash 1CC (1966 PCC 2000) 2009 1300 Hg LTE Bast 7 20 11:00 11:00 0 Assembly ONCOXONNA OPEN 1 0 0 mm hash 1CC (1968 NN 2010) 2009 2009 1300 Hg LTE Bast 7 20 11:00 11:00 11:00 0 Assembly ONCOXONNA OPEN 1 1 50 0 mm hash 1CC (1968 NN 2010) 2009 2009 1300 1300 1300 1300 1300 1300 0 Assembly ONCOXONNA OPEN 1 1 50 0 mm hash 1CC (1968 NN 2010) 2009 2009 1300 1300 1300 1300 1300 1300 0 Assembly ONCOXONNA OPEN 1 1 50 0 mm hash 1CC (1968 NN 2010) 2009 2009 1300 1300 1300 1300 1300 1300 1300 1	1:1 0.679	1.122	0.762	0.252	0.283	
2CC Liginia PCC 255.00 21550 Hg/p LTE Bard 7 20 11.50 11.58 0.01 0 Asserva 2 OWENCOMP44 OPSK 1 0 0 mm back 1CC Liginia NA 2510.00 20550 Leve LTE Bard 7 20 11.50 11.55 0.03 0 Asserva 2 OWENCOMP44 OPSK 1 59 0 mm back 1CC Liginia NA 2510.00 20550 Leve LTE Bard 7 20 11.50 11.55 0.03 0 Asserva 2 OWENCOMP44 OPSK 1 59 0 mm top 1	1:1 0.688	1.112	0.765	0.250	0.278	
2CC Ligida SCC 240-20 2115 Hyp LTE Bard 7 20 11.50 11.58 0.01 0 Asserva 2 OWESCORM-4 OPSK 1 59 0mm back 1CC Ligida NA 2010.00 02850 Lmu LTE Bard 7 20 11.50 11.55 0.13 0 Asserva 2 OWESCORM-4 OPSK 1 59 0mm back 1CC Ligida NA 2010.00 02850 Lmu LTE Bard 7 20 11.50 11.55 0.13 0 Asserva 2 OWESCORM-4 OPSK 1 59 0mm back	1:1 0.700	1.067	0.747	0.261	0.278	
2CC Upinis SCC 2540.20 2192 High LTE Basel 7 20 1 1 99 1 9	1:1 0.755	1.052	0.794	0.284	0.299	
	1:1 0.755	1.002	0.734	0.284	0.299	
1.CC Helinia NIA 2510.00 2080 Low LTE Basel 7 20 1180 1152 0.02 0 America 2 CMASKOWINA CIPSK 50 50 0.00 to to to to to to to to to to to to to	1:1 0.023	1.109	0.026	0.006	0.007	
	1:1 0.021	1.067	0.022	0.005	0.005	
1 CC Uplink N/A 2510.00 20850 Low LTE Band 7 20 11.30 11.35 0.05 0 Antenna 2 C/N42KOWP44 QPSK 1 99 0 mm bottom	1:1 0.521	1.109	0.578	0.179	0.199	
1 CC Uplink NA 2510.00 20850 Low LTE Band 7 20 11.80 11.52 -0.05 0 Anterna 2 QW42KQWP44 QPSK 50 50 0 mm bottom	1:1 0.535	1.067	0.571	0.184	0.196	
1 CC Uplink N/A 2510.00 20850 Low LTE Band 7 20 11.80 11.35 -0.04 0 Antenna 2 CW43KOWP44 QPSK 1 99 0 mm right	1:1 0.538	1.109	0.597	0.189	0.210	
1 CC Uplink NA 2510.00 20850 Low LTE Band 7 20 11.80 11.52 -0.03 0 Ansanna 2 QW42KQWP44 QPSK 50 50 0 mm right	1:1 0.555	1.067	0.592	0.194	0.207	
1 CC Upink N/A 2510.00 20850 Lnw LTE Band 7 20 11.80 11.35 0.12 0 Artenna 2 QW42KQWP44 QPSK 1 99 0 mm left	1:1 0.023	1.109	0.026	0.006	0.007	
	1:1 0.022	1.067	0.023	0.006	0.006	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Body						
Spatial Peak 1.6 W/kg (mW/g)						
Uncontrolled Exposure/General Population averaged over 1 gra						

Table 10-37 LTE Band 7 Antenna 3b Body SAR

										ME	ASUREMEN		_											
1 CC Uplink 2	Component	-	REQUENC	Y	Mode	Bandwidth	Maximum Allowed	Conducted	Power	MPR MIDT	Antenna Config.	Device Serial	Modulation	RB Size	RB Offset	Specino	Side	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot #
CC Uplink	Carrier	MHz		h.		[MHz]	Power [dBm]	Power [dBm]	Drift [dB]			Number						Cycle	(Wkg)		(Wkg)	(Wilkg)	(W/kg)	
1 CC Uplink	N/A	2510.00	20850	Low	LTE Band 7	20	14.70	13.60	-0.03	0	Antenna 3b	TSY6XQC446	QPSK	1	50	0 mm	back	1:1	0.714	1.288	0.920	0.249	0.321	
1 CC Uplink	N/A	2535.00	21100	Mid	LTE Band 7	20	14.70	13.42	-0.03	0	Antenna 3b	T3Y6XQC446	QPSK	1	50	0 mm	back	1:1	0.685	1.343	0.920	0.236	0.317	
1 CC Uplink	N/A	2580.00	21350	High	LTE Band 7	20	14.70	13.52	-0.06	0	Antenna 3b	TSY6XQC446	QPSK	1	0	0 mm	back	1:1	0.673	1.312	0.883	0.231	0.303	
1 CC Uplink	N/A	2510.00	20850	Low	LTE Band 7	20	14.70	13.60	-0.02	0	Antenna 3b	TSY6XQC446	QPSK	50	25	0 mm	back	1:1	0.743	1.288	0.957	0.257	0.331	
1 CC Uplink	N/A	2535.00	21100	Mid	LTE Band 7	20	14.70	13.59	-0.03	0	Antenna 3b	T3Y6XQC446	QPSK	50	0	0 mm	back	1:1	0.714	1.291	0.922	0.247	0.319	
1 CC Uplink	N/A	2580.00	21350	High	LTE Band 7	20	14.70	13.54	-0.04	0	Antenna 3b	TSY6XQC446	QPSK	50	25	0 mm	back	1:1	0.673	1.306	0.879	0.232	0.303	
1 CC Uplink	N/A	2535.00	21100	Mid	LTE Band 7	20	14.70	13.58	-0.03	0	Antenna 3b	T3Y6XQC446	QPSK	100	0	0 mm	back	1:1	0.711	1.294	0.920	0.245	0.317	
1 CC Uplink	N/A	2510.00	20850	Low	LTE Band 7	20	14.70	13.60	-0.01	0	Antenna 3b	TSY6XQC446	QPSK	1	50	0 mm	top	1:1	0.701	1.288	0.903	0.250	0.322	
1 CC Uplink	N/A	2535.00	21100	Mid	LTE Band 7	20	14.70	13.42	-0.05	0	Antenna 3b	T3Y6XQC446	QPSK	1	50	0 mm	top	1:1	0.714	1.343	0.959	0.255	0.342	
1 CC Uplink	N/A	2580.00	21350	High	LTE Band 7	20	14.70	13.52	0.08	0	Antenna 3b	TSY6XQC446	QPSK	1	0	0 mm	top	1:1	0.741	1.312	0.972	0.261	0.342	
1 CC Uplink	N/A	2510.00	20850	Low	LTE Band 7	20	14.70	13.60	0.00	0	Antenna 3b	T3Y6XQC446	QPSK	50	25	0 mm	top	1:1	0.726	1.288	0.935	0.259	0.334	
1 CC Uplink	N/A	2535.00	21100	Mid	LTE Band 7	20	14.70	13.59	-0.08	0	Antenna 3b	TSY6XQC446	QPSK	50	0	0 mm	top	1:1	0.735	1.291	0.949	0.261	0.337	
1 CC Uplink	1 CO Liplinis NIA 2555.00 21500 Mid LTE Band 7 20 14.70 13 1 CO Liplinis NIA 2560.00 21350 High LTE Band 7 20 14.70 13 1 CO Liplinis NIA 2560.00 21350 High LTE Band 7 20 14.70 13 1 CO Liplinis NIA 2560.00 21350 High LTE Band 7 20 14.70 13										Antenna 3b	T3Y6XQC446	QPSK	50	0	0 mm	top	1:1	0.632	1.312	0.829	0.221	0.290	
1 CC Uplink	N/A	2580.00	21350	High	LTE Band 7	20	14.70	13.54	-0.01	0	Antenna 3b	TSY6XQC446	QPSK	50	25	0 mm	top	1:1	0.748	1.306	0.977	0.267	0.349	
1 CC Uplink	N/A	2535.00	21100	Mid	LTE Band 7	20	14.70	13.58	0.00	0	Antenna 3b	T3Y6XQC446	QPSK	100	0	0 mm	top	1:1	0.737	1.294	0.954	0.262	0.339	
2 CC Uplink	PCC	2580.00	21350	High	LTE Band 7	20	14.70	13.59	-0.08		Anterna 3b	T3Y6XDC446	OPSK	50	0	0 mm		1:1	0.673	1,291	0.869	0.233	0.301	
2 CC Uplink	scc	2540.20	21152	High	LTE Band 7	20	14.70	13.59	-0.06		Attentia 30	1310,440	UPSK	50	50	Umm	top	1.11	0.673	1.291	0.009	0.233	0.301	
1 CC Uplink	N/A	2510.00	20850	Low	LTE Band 7	20	14.70	13.60	-0.18	0	Antenna 3b	TSY6XQC446	QPSK	1	50	0 mm	bottom	1:1	0.000	1.288	0.000	0.000	0.000	
1 CC Uplink	N/A	2510.00	20850	Low	LTE Band 7	20	14.70	13.60	-0.12	0	Antenna 3b	T3Y6XQC446	QPSK	50	25	0 mm	bottom	1:1	0.000	1.288	0.000	0.000	0.000	
1 CC Uplink	N/A	2510.00	20850	Low	LTE Band 7	20	14.70	13.60	-0.07	0	Antenna 3b	TSY6XQC446	QPSK	1	50	0 mm	right	1:1	0.026	1.288	0.033	0.010	0.013	
1 CC Uplink	N/A	2510.00	20850	Low	LTE Band 7	20	14.70	13.60	-0.12	0	Antenna 3b	T3Y6XQC446	QPSK	50	25	0 mm	right	1:1	0.028	1.288	0.036	0.012	0.015	
1 CC Uplink	N/A	2510.00	20850	Low	LTE Band 7	20	14.70	13.60	-0.09	0	Antenna 3b	TSY6XQC446	QPSK	1	50	0 mm	left	1:1	0.022	1.288	0.028	0.009	0.012	
1 CC Uplink	N/A	2510.00	20850	Low	LTE Band 7	20	14.70	13.60	-0.12	0	Antenna 3b	T3Y6XQC446	QPSK	50	25	0 mm	left	1:1	0.023	1.288	0.030	0.009	0.012	
				ANSI / IEI	EE C95.1 1992 - SAFE	TY LIMIT		•			•						Body							
					Spatial Peak					1						1.6 W	Vkg (mW	Vg)						
			U	ncontrolle	ed Exposure/General	Population										average	d over 1	gram						

Table 10-38 LTE Band 7 Antenna 4 Body SAR

										М	EASUREMEN	NT RESULTS												
1 CC Uplink	Component	- 11	EQUENC	Y	Mode	Bandwidth	Maximum Allowed	Conducted	Power	MPR IdBI	Antenna Conflo.	Device Serial	Modulation	RB Size	RB Offset	Spacing	Side	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot #
2 CC Uplink	Carrier	MHz		h.		[MHz]	Power [dtlm]	Power [dBm]	Drift [dB]			Number				.,		Cycle	(W/kg)		(Wikg)	(Wikg)	(W/kg)	
1 CC Uplink	N/A	2510.00	20850	Low	LTE Band 7	20	12.00	11.76	0.13	0	Antenna 4	D67Y7GFJ93	QPSK	-1	50	0 mm	back	1:1	0.907	1.057	0.959	0.331	0.350	
1 CC Uplink	N/A	2535.00	21100	Mid	LTE Band 7	20	12.00	11.58	0.03	0	Antenna 4	D67Y7GFJ93	QPSK	1	50	0 mm	back	1:1	0.906	1.102	0.998	0.335	0.369	
1 CC Uplink	N/A	2535.00	21100	Mid	LTE Band 7	20	12.00	11.57	-0.01	0	Antenna 4	D67Y7GFJ93	QPSK	1	99	0 mm	back	1:1	0.897	1.104	0.990	0.330	0.364	
1 CC Uplink	N/A	2580.00	21350	High	LTE Band 7	20	12.00	11.48	-0.03	0	Antenna 4	D67Y7GFJ93	QPSK	1	50	0 mm	back	1:1	0.882	1.127	0.994	0.322	0.363	
1 CC Uplink	N/A	2510.00	20850	Low	LTE Band 7	20	12.00	11.81	-0.18	0	Antenna 4	D67Y7GFJ93	QPSK	50	25	0 mm	back	1:1	0.918	1.045	0.959	0.345	0.361	
1 CC Uplink	N/A	2535.00	21100	Mid	LTE Band 7	20	12.00	11.77	-0.11	0	Antenna 4	D67Y7GFJ93	QPSK	50	25	0 mm	back	1:1	0.928	1.054	0.978	0.338	0.356	A13
1 CC Uplink	N/A	2560.00	21350	High	LTE Band 7	20	12.00	11.73	-0.04	0	Antenna 4	D67Y7GFJ93	QPSK	50	25	0 mm	back	1:1	0.919	1.064	0.978	0.335	0.356	
1 CC Uplink	N/A	2510.00	20850	Low	LTE Band 7	20	12.00	11.75	-0.05	0	Antenna 4	D67Y7GFJ93	QPSK	100	0	0 mm	back	1:1	0.911	1.059	0.965	0.338	0.358	
2 CC Uplink	PCC	2535.00	21100	Mid	LTE Band 7	20	12.00		0.04			D67Y7GF.893	QPSK	1	99				0.785	1,219	0.957	0.294	0.358	
2 CC Uplink	scc	2554.80	21298	Mid	LTE Band 7	20	12.00	11.14	0.04	0	Artenna 4	D67Y7GFJ93	QPSK	1	0	0 mm	back	1:1	0.785	1.219	0.957	0.294	0.358	
1 CC Uplink	N/A	2510.00	20850	Low	LTE Band 7	20	12.00	11.76	-0.12	0	Antenna 4	D67Y7GFJ93	QPSK	1	50	0 mm	top	1:1	0.471	1.057	0.498	0.164	0.173	
1 CC Uplink	N/A	2510.00	20850	Low	LTE Band 7	20	12.00	11.81	-0.03	0	Antenna 4	D67Y7GFJ93	QPSK	50	25	0 mm	top	1:1	0.494	1.045	0.516	0.172	0.180	
1 CC Uplink	N/A	2510.00	20850	Low	LTE Band 7	20	12.00	11.76	-0.13	0	Antenna 4	D67Y7GFJ93	QPSK	1	50	0 mm	bottom	1:1	0.000	1.057	0.000	0.000	0.000	
1 CC Uplink	N/A	2510.00	20850	Low	LTE Band 7	20	12.00	11.81	-0.11	0	Antenna 4	D67Y7GFJ93	QPSK	50	25	0 mm	bottom	1:1	0.000	1.045	0.000	0.000	0.000	
1 CC Uplink	N/A	2510.00	20850	Low	LTE Band 7	20	12.00	11.76	0.14	0	Antenna 4	D67Y7GFJ93	QPSK	1	50	0 mm	right	1:1	0.006	1.057	0.006	0.002	0.002	
1 CC Uplink	N/A	2510.00	20850	Low	LTE Band 7	20	12.00	11.81	-0.01	0	Antenna 4	D67Y7GFJ93	QPSK	50	25	0 mm	right	1:1	0.006	1.045	0.006	0.002	0.002	
1 CC Uplink	N/A	2510.00	20850	Low	LTE Band 7	20	12.00	11.76	0.00	0	Antenna 4	D67Y7GFJ93	QPSK	1	50	0 mm	left	1:1	0.586	1.057	0.619	0.209	0.221	
1 CC Uplink	N/A	2510.00	20850	Low	LTE Band 7	20	12.00	11.81	-0.03	0	Antenna 4	D57Y7GFJ93	QPSK	50	25	0 mm	laft	1:1	0.610	1.045	0.637	0.218	0.228	
1 CC Uplink	N/A	2535.00	21100	Mid	LTE Band 7	20	12.00	11.77	0.03	0	Antenna 4	D67Y7GFJ93	QPSK	50	25	0 mm	back	1:1	0.861	1.054	0.907	0.320	0.337	
		ANSI/			SAFETY LIMIT												Body							
		Uncontro		patial Pea	ık eneral Population												Wkg (mW d over 1	-						

Note: Blue entry represents variability measurement.

FCC ID: BCGA2568	PROUE to be part of the element	SAR EVALUATION REPORT	Approved by: Quality Manager
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Table 10-39 LTE Band 41 Antenna 1b Body SAR

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										ME	ASUREMEN'	T RESULTS												
1 CC Uplink 2 CC Uplink	Component		REQUENC	Y.	Mode	Bandwidth IMHz1	Maximum Allowed Power (dBm)	Conducted Power (dBm)	Power Drift (dB1	MPR MIDT	Antenna Config.	Device Serial Number	Modulation	RD Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
1 CC Uplink -		MHz	_	Ch.													_		(Wkg)		(WAg)	(Wikg)	(W/kg)	\vdash
Power Class 3 1 CC Uplink -	N/A	2506.00	39750	Low	LTE Band 41	20	14.20	13.33	-0.04	0	Antenna 1b	N14X7HKHFY	QPSK	1	0	0 mm	back	1:1.58	0.615	1.222	0.752	0.205	0.251	
Power Class 3 1 CC Uplink -	N/A	2549.50	40185	Low-Mid	LTE Band 41	20	14.20	13.40	-0.01	0	Antenna 1b	N14X7HKHFY	QPSK	1	0	0 mm	back	1:1.58	0.599	1.202	0.720	0.198	0.238	
Power Class 3	N/A	2593.00	40620	Mid	LTE Band 41	20	14.20	13.28	-0.02	0	Antenna 1b	N14X7HKHFY	QPSK	1	0	0 mm	back	1:1.58	0.630	1.236	0.779	0.205	0.253	
1 CC Uplink - Power Class 3	N/A	2636.50	41055	Mid-High	LTE Band 41	20	14.20	13.30	-0.01	0	Antenna 1b	N14X7HKHFY	QPSK	-1	99	0 mm	back	1:1.58	0.650	1.230	0.800	0.208	0.256	
1 CC Uplink - Power Class 3	N/A	2680.00	41490	High	LTE Band 41	20	14.20	13.38	-0.04	0	Antenna 1b	N14X7HKHFY	QPSK	-1	0	0 mm	back	1:1.58	0.697	1.208	0.842	0.222	0.268	
1 CC Uplink - Power Class 3	N/A	2506.00	39750	Low	LTE Band 41	20	14.20	13.49	0.00	0	Antenna 1b	N14X7HKHFY	QPSK	50	0	0 mm	back	1:1.58	0.639	1.178	0.753	0.211	0.249	
1 CC Uplink - Power Class 3	N/A	2549.50	40185	Low-Mid	LTE Band 41	20	14.20	13.52	-0.02	0	Antenna 1b	N14X7HKHFY	QPSK	50	25	0 mm	back	1:1.58	0.603	1.169	0.705	0.198	0.231	
1 CC Uplink - Power Class 3	N/A	2593.00	40620	Mid	LTE Band 41	20	14.20	13.39	0.00	0	Antenna 1b	N14X7HKHFY	QPSK	50	25	0 mm	back	1:1.58	0.636	1.205	0.768	0.208	0.248	
1 CC Uplink - Power Class 3	N/A	2636.50	41055	Mid-High	LTE Band 41	20	14.20	13.44	0.00	0	Antenna 1b	N14X7HKHFY	QPSK	50	25	0 mm	back	1:1.58	0.675	1.191	0.804	0.217	0.258	
1 CC Uplink - Power Class 3	N/A	2680.00	41490	High	LTE Band 41	20	14.20	13.43	-0.05	0	Antenna 1b	N14X7HKHFY	QPSK	50	25	0 mm	back	1:1.58	0.714	1.194	0.853	0.227	0.271	
1 CC Uplink - Power Class 3	N/A	2680.00	41490	High	LTE Band 41	20	14.20	13.39	0.01	0	Antenna 1b	N14X7HKHFY	QPSK	100	0	0 mm	back	1:1.58	0.728	1.205	0.877	0.232	0.280	
1 CC Uplink - Power Class 2	N/A	2680.00	41490	High	LTE Band 41	20	15.85	14.83	0.02	0	Antenna 1b	N14X7HKHFY	QPSK	100	0	0 mm	back	1:2:31	0.630	1.265	0.797	0.208	0.263	
2 CC Uplink - Power Class 3	PCC	2680.00	41490	High	LTE Band 41	20								100	0									
2 CC Uplink - Power Class 3	scc	2680.20	41292	High	LTE Band 41	20	14.20	13.32	0.01	0	Antenna 1b	N14X7HKHFY	QPSK	100	0	0 mm	back	1:1.58	0.699	1.225	0.856	0.290	0.282	
2 CC Uplink - Preser Class 2	PCC	2680.00	41490	High	LTE Band 41	20								100	0									
2 CC Uplink - Preser Class 2	scc	2680.20	41292	High	LTE Band 41	20	15.85	15.18	0.03	0	Antenna 1b	N14X7HKHFY	QPSK	100	0	0 mm	back	1:2:31	0.714	1.167	0.833	0.240	0.280	
1 CC Uplink - Power Class 3	N/A	2549.50	40185	Low-Mid	LTE Band 41	20	14.20	13.40	-0.11		Antenna 1b	N14X7HKHFY	QPSK	1	0	0 mm	top	1:1.58	0.000	1.202	0.000	0.000	0.000	
1 CC Uplink - Power Class 3	N/A	2549.50	40185	Low-Mid	LTE Band 41	20	14.20	13.52	0.12	0	Antenna 1b	N14X7HKHFY	QPSK	50	25	0 mm	top	1:1.58	0.000	1.169	0.000	0.000	0.000	
1 CC Uplink - Power Class 3	N/A	2506.00	39750	Low	LTE Band 41	20	14.20	13.33	-0.01	0	Antenna 1b	N14X7HKHFY	QPSK	1	0	0 mm	bottom	1:1.58	0.551	1.222	0.673	0.188	0.230	
1 CC Uplink - Power Class 3	N/A	2549.50	40185	Low-Mid	LTE Band 41	20	14.20	13.40	-0.05	0	Antenna 1b	N14X7HKHFY	QPSK	1	0	0 mm	bottom	1:1.58	0.553	1.202	0.665	0.190	0.228	
1 CC Uplink - Power Class 3	N/A	2593.00	40620	Mid	LTE Band 41	20	14.20	13.28	-0.01	0	Antenna 1b	N14X7HKHFY	QPSK	1	0	0 mm	bottom	1:1.58	0.619	1.236	0.765	0.210	0.260	
1 CC Uplink - Power Class 3	N/A	2636.50	41055	Mid-High	LTE Band 41	20	14.20	13.30	0.00	0	Antenna 1b	N14X7HKHFY	QPSK	1	99	0 mm	bottom	1:1.58	0.662	1.230	0.814	0.219	0.269	
1 CC Uplink - Power Class 3	N/A	2680.00	41490	High	LTE Band 41	20	14.20	13.38	0.00	0	Antenna 1b	N14X7HKHFY	QPSK	1	0	0 mm	bottom	1:1.58	0.724	1.208	0.875	0.239	0.289	
1 CC Uplink -	N/A	2506.00	39750	Low	LTE Band 41	20	14.20	13.49	0.00	0	Antenna 1b	N14X7HKHFY	QPSK	50	0	0 mm	bottom	1:1.58	0.575	1.178	0.677	0.197	0.232	
Power Class 3 1 CC Uplink - Power Class 3	N/A	2549.50	40185	Low-Mid	LTE Band 41	20	14.20	13.52	-0.03	0	Antenna 1b	N14X7HKHFY	QPSK	50	25	0 mm	bottom	1:1.58	0.587	1.169	0.663	0.198	0.229	
1 CC Uplink -	N/A	2593.00	40620	Mid	LTE Band 41	20	14.20	13.39	0.01	0	Antenna 1b	N14X7HKHFY	QPSK	50	25	0 mm	bottom	1:1.58	0.623	1.205	0.751	0.210	0.253	
Power Class 3 1 CC Uplink -	N/A	2636.50	41055	Mid-High	LTE Band 41	20	14.20	13.44	0.03	0	Antenna 1b	N14X7HKHFY	QPSK	50	25	0 mm	bottom	1:1.58	0.658	1.191	0.784	0.218	0.260	
1 CC Uplink -	N/A 2593.00 40620 Mid LTE Band 41 20 14.20							13.43	0.02		Anterna 1b	N14X7HKHFY	QPSK	50	25	0 mm	bottom	1:1.58	0.723	1.194	0.863	0.241	0.288	
1 CC Uplink -	N/A	2680.00	41490	-	LTE Band 41	20	14.20	13.39	0.00	0	Anterna 1b	N14X7HKHFY	QPSK	100	0	0 mm	bottom	1:1.58	0.726	1.205	0.875	0.240	0.289	
Power Class 3 1 CC Uplink -									-0.11		Anterna 1b	N14X7HKHFY	QPSK	1	0	0 mm	right	1:158	0.008	1.202	0.007	0.002	0.002	
Power Class 3 1 CC Uplink -		-		-		_		13.40	0.15	0	Antenna 1b	N14X7HKHFY	OPSK	50	25	0 mm	right	1:1.58	0.008	1.169	0.009	0.002	0.002	
Power Class 3 1 CC Uplink -	N/A	2549.50	40185	Low-Mid	LTE Band 41	20	14.20	13.40	-0.10	0	Antenna 1h	N14X7HKHFY	OPSK	1	0	0.000	left	1:1.58	0.023	1.202	0.028	0.000	0.001	
Power Class 3 1 CC Uplink -	N/A	2549.50	40185	Low-Mid	LTE Band 41	20	14.20	0.00	0	Antenna 1b	N14X7HKHFY	OPSK	50	25	0 mm	left.	1:1.58	0.021	1.169	0.028	0.009	0.011		
Power Class 3	Copinis NiA 2549.50 40185 Low-Mid LTE Band 41 20 14.20 13.52 ANSI / IEEE C95.1 1992 * SAFETY LIMIT Southal Peak										Annual ID	ranachineri	_ John	L.º.	-20		Body	1.1.20	0.021	1.169	0.025	0.008	0.009	
																Vkg (mW								
					Uncontrolled E	xposure/Gen	eral Population									average	d over 1	gram						

Table 10-40 LTE Band 41 Antenna 2 Body SAR

										ME	ASUREMEN'	T RESULTS												
1 CC Uplink 2 CC Uplink Power Class	Component	FRI	EQUENCY	r	Mode	Bandwidth IMHz1	Maximum Allowed	Conducted Power [dBm]	Power Drift (dB)	MPR (dB)	Antenna Config.	Device Serial	Modulation	RB Size	RS Offset	Spacing	Side	Duty Cycle	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
	Carrier	MHz	CI	h.		(mrs.)	Power [dBm]	rower (sam)	Distribution 1			Harman			_			Cycle	(Wikg)		(Wikg)	(Wkg)	(W/kg)	_
1 CC Uplink - Power Class 3	N/A	2506.00	39750	Low	LTE Band 41	20	14.10	13.26	0.01	0	Antenna 2	T3Y6XQC446	QPSK	-1	0	0 mm	back	1:1.58	0.639	1.213	0.775	0.239	0.290	
1 CC Uplink - Power Class 3	N/A	2549.50	40185	Low- Mid	LTE Band 41	20	14.10	13.11	0.05	0	Antenna 2	T3Y6XQC446	QPSK	-1	50	0 mm	back	1:1.58	0.609	1.258	0.765	0.226	0.284	
1 CC Uplink - Power Class 3	N/A	2593.00	40620	Mid	LTE Band 41	20	14.10	13.21	-0.01	0	Antenna 2	T3Y6XQC446	QPSK	- 1	0	0 mm	back	1:1.58	0.641	1.227	0.787	0.236	0.290	
1 CC Uplink - Power Class 3	N/A	2636.50	41055	Mid- High	LTE Band 41	20	14.10	13.10	0.00	0	Antenna 2	T3Y6XQC446	QPSK	- 1	0	0 mm	back	1:1.58	0.641	1.259	0.807	0.234	0.295	
1 CC Uplink - Power Class 3	N/A	2680.00	41490	High	LTE Band 41	20	14.10	13.25	-0.05	0	Antenna 2	T3Y6XQC446	QPSK	- 1	0	0 mm	back	1:1.58	0.678	1.216	0.824	0.245	0.298	
1 CC Uplink - Power Class 3	N/A	2506.00	39750	Low	LTE Band 41	20	14.10	13.35	0.01	0	Antenna 2	T3Y6XQC446	QPSK	50	25	0 mm	back	1:1.58	0.646	1.189	0.768	0.242	0.288	
1 CC Uplink - Power Class 3	N/A	2549.50	40185	Low- Mid	LTE Band 41	20	14.10	13.25	-0.03	0	Antenna 2	T3Y8XQC446	QPSK	50	0	0 mm	back	1:1.58	0.655	1.216	0.798	0.242	0.294	
1 CC Uplink - Power Class 3	N/A	2593.00	40620	Mid	LTE Band 41	20	14.10	13.28	0.01	0	Antenna 2	T3Y6XQC446	QPSK	50	0	0 mm	back	1:1.58	0.646	1.208	0.780	0.239	0.289	
1 CC Uplink - Power Class 3	N/A	2636.50	41055	Mid- High	LTE Band 41	20	14.10	13.14	-0.02	0	Antenna 2	T3Y6XQC446	QPSK	50	25	0 mm	back	1:1.58	0.650	1.247	0.811	0.237	0.298	
1 CC Uplink - Power Class 3	N/A	2680.00	41490	High	LTE Band 41	20	14.10	13.15	0.00	0	Antenna 2	T3Y6XQC446	QPSK	50	0	0 mm	back	1:1.58	0.617	1.245	0.768	0.232	0.289	
1 CC Uplink - Power Class 3	N/A	2680.00	41490	High	LTE Band 41	20	14.10	13.16	-0.06	0	Antenna 2	T3Y6XQC446	QPSK	50	25	0 mm	back	1:1.58	0.664	1.242	0.825	0.240	0.298	
1 CC Uplink - Power Class 3	N/A	2506.00	39750	Low	LTE Band 41	20	14.10	13.25	0.00	0	Antenna 2	T3Y6XQC446	QPSK	100	0	0 mm	back	1:1.58	0.647	1.216	0.787	0.241	0.293	
1 CC Uplink - Power Class 2	N/A	2680.00	41490	High	LTE Band 41	20	15.75	14.92	0.02	0	Antenna 2	T3Y6XQC446	QPSK	50	0	0 mm	back	1:2:31	0.622	1.211	0.753	0.224	0.271	
1 CC Uplink - Power Class 2	N/A	2680.00	41490	High	LTE Band 41	20	15.75	14.95	0.00	0	Antenna 2	T3Y6XQC446	QPSK	50	25	0 mm	back	1:2:31	0.626	1.202	0.752	0.225	0.270	
2 CC Uplink - Power Class 3	PCC	2680.00	41490	High	LTE Band 41	20	14.10	13.11	0.04		Antenna 2	T3Y6XQC446	QPSK	50	0	0 mm	back	1:1.58	0.626	1.258	0.786	0.225	0.283	
2 CC Uplink - Power Class 3	SCC	2660.20	41292	High	LTE Band 41	20	14.10	13.11	0.04	0	America 2	1316,400,446	GP-SX	50	50	O mm	DMCK	1:1.56	0.626	1.236	0.786	0.225	0.263	
2 CC Uplink - Power Class 2	PCC	2680.00	41490	High	LTE Band 41	20	15.75	14.92	0.02		Antenna 2	T3Y6XQC446	QPSK	50	0	0 mm	back	1:2:31	0.592	1.211	0.717	0.213	0.258	
2 CC Uplink - Power Class 2	scc	2660.20	41292	High	LTE Band 41	20	15.75	14.02	0.02	Ů	Antanna 2	1316.000.446	GP-SA	50	50	O mm	DMCK	1:231	0.592	1211	0.717	0.213	0.250	
1 CC Uplink - Power Class 3	N/A	2506.00	39750	Low	LTE Band 41	20	14.10	13.26	-0.19	0	Antenna 2	T3Y6XQC446	QPSK	1	0	0 mm	top	1:1.58	0.000	1.213	0.000	0.000	0.000	
1 CC Uplink - Power Class 3	N/A	2506.00	39750	Low	LTE Band 41	20	14.10	13.35	0.00	0	Antenna 2	T3Y6XQC446	QPSK	50	25	0 mm	top	1:1.58	0.000	1.189	0.000	0.000	0.000	
1 CC Uplink - Power Class 3	N/A	2506.00	39750	Low	LTE Band 41	20	14.10	13.26	0.01	0	Antenna 2	T3Y6XQC446	QPSK	-1	0	0 mm	bottom	1:1.58	0.426	1.213	0.517	0.150	0.182	
1 CC Uplink - Power Class 3	N/A	2506.00	39750	Low	LTE Band 41	20	14.10	13.35	0.02	0	Antenna 2	T3Y6XQC446	QPSK	50	25	0 mm	bottom	1:1.58	0.432	1.189	0.514	0.153	0.182	
1 CC Uplink - Power Class 3	N/A	2506.00	39750	Low	LTE Band 41	20	14.10	13.26	0.02	0	Antenna 2	T3Y6XQC446	QPSK	1	0	0 mm	right	1:1.58	0.440	1.213	0.534	0.157	0.190	
1 CC Uplink - Power Class 3	N/A	2506.00	39750	Low	LTE Band 41	20	14.10	13.35	0.04	0	Antenna 2	T3Y6XQC446	QPSK	50	25	0 mm	right	1:1.58	0.462	1.189	0.549	0.164	0.195	
1 CC Uplink - Power Class 3	N/A	2506.00	39750	Low	LTE Band 41	20	14.10	13.26	-0.15	0	Antenna 2	T3Y6XQC446	QPSK	1	0	0 mm	left	1:1.58	0.020	1.213	0.024	0.008	0.010	
1 CC Uplink - Power Class 3	N/A	2506.00	39750	Low	LTE Band 41	20	14.10	13.35	0.12	0	Antenna 2	T3Y6XQC446	QPSK	50	25	0 mm	left	1:1.58	0.005	1.189	0.006	0.001	0.001	
					95.1 1992 - SAFETY LIN Spatial Peak :posure/General Popula											1.6 W	Body l/kg (mW id over 1							

FCC ID: BCGA2568	PCTEST* Proud to be part of referenced	SAR EVALUATION REPORT	Approved by: Quality Manager
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Table 10-41 LTE Band 41 Antenna 3b Body SAR

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										ME	ASUREMEN	T RESULTS												
1 CC Uplink 2	Component	r	REQUENC	Y.	Mode	Bandwidth	Maximum Allowed	Conducted	Power	MPR [dB]	Antenna Config.	Device Serial	Modulation	RB Size	PR Officer	Spacing	Side	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
CC Uplink	Carrier	MHz	_	Ch.		[MHz]	Power (dSm)	Power [dBm]	Deltt [dB]			Number				-,		Cycle	(Wkg)		(W/kg)	(Wikg)	(W/kg)	
Power Class 3	N/A	2506.00	39750	Low	LTE Band 41	20	15.80	14.42	0.09	0	Antenna 3b	YDHKFG44JX	QPSK	1	50	0 mm	back	1:1.58	0.460	1.374	0.632	0.167	0.229	
1 CC Uplink - Power Class 3	N/A	2549.50	40185	Low-Mid	LTE Band 41	20	15.80	14.25	0.05	0	Antenna 3b	YDHKFG44JX	QPSK	1	0	0 mm	back	1:1.58	0.465	1.429	0.664	0.168	0.240	
1 CC Uplink - Power Class 3	N/A	2593.00	40620	Mid	LTE Band 41	20	15.80	14.21	0.08	0	Antenna 3b	YDHKFG44JX	QPSK	1	99	0 mm	back	1:1.58	0.438	1.442	0.632	0.155	0.224	
1 CC Uplink - Power Class 3	N/A	2636.50	41055	Mid-High	LTE Band 41	20	15.80	14.26	0.04	0	Antenna 3b	YDHKFG44JX	QPSK	1	0	0 mm	back	1:1.58	0.463	1.426	0.660	0.163	0.232	
1 CC Uplink - Power Class 3	N/A	2680.00	41490	High	LTE Band 41	20	15.80	14.25	0.00	0	Antenna 3b	YDHKFG44JX	QPSK	1	0	0 mm	back	1:1.58	0.493	1.429	0.704	0.173	0.247	
1 CC Uplink - Preser Class 3	N/A	2506.00	39750	Low	LTE Band 41	20	15.80	14.42	-0.01	0	Antenna 3b	YDHKFG44JX	QPSK	50	0	0 mm	back	1:1.58	0.488	1.374	0.671	0.178	0.245	
1 CC Uplink - Power Class 3	N/A	2549.50	40185	Low-Mid	LTE Band 41	20	15.80	14.41	-0.01	0	Antenna 3b	YDHKFG44JX	QPSK	50	25	0 mm	back	1:1.58	0.451	1.377	0.621	0.162	0.223	
1 CC Uplink - Power Class 3	N/A	2593.00	40620	Mid	LTE Band 41	20	15.80	14.40	0.03	0	Antenna 3b	YDHKFG44JX	QPSK	50	50	0 mm	back	1:1.58	0.431	1.380	0.595	0.155	0.214	
1 CC Uplink - Preser Class 3	N/A	2636.50	41055	Mid-High	LTE Band 41	20	15.80	14.41	0.08	0	Antenna 3b	YDHKFG44JX	QPSK	50	25	0 mm	back	1:1.58	0.420	1.377	0.578	0.150	0.207	
1 CC Uplink - Power Class 3	N/A	2680.00	41490	High	LTE Band 41	20	15.80	14.41	0.02	0	Antenna 3b	YDHKFG44JX	QPSK	50	25	0 mm	back	1:1.58	0.458	1.377	0.631	0.162	0.223	
1 CC Uplink - Power Class 3	N/A	2593.00	40620	Mid	LTE Band 41	20	15.80	14.41	0.00	0	Antenna 3b	YDHKFG44JX	QPSK	100	0	0 mm	back	1:1.58	0.430	1.377	0.592	0.154	0.212	
1 CC Uplink - Preser Class 3	N/A	2506.00	39750	Low	LTE Band 41	20	15.80	14.42	0.03	0	Antenna 3b	YDHKFG44JX	QPSK	1	50	0 mm	top	1:1.58	0.492	1.374	0.676	0.173	0.238	
1 CC Uplink - Preser Class 3	N/A	2549.50	40185	Low-Mid	LTE Band 41	20	15.80	14.25	-0.01	0	Antenna 3b	YDHKFG44JX	QPSK	-1	0	0 mm	top	1:1.58	0.501	1.429	0.716	0.176	0.252	
1 CC Uplink - Power Class 3	N/A	2593.00	40620	Mid	LTE Band 41	20	15.80	14.21	-0.03	0	Antenna 3b	YDHKFG44JX	QPSK	1	99	0 mm	top	1:1.58	0.541	1.442	0.780	0.191	0.275	
1 CC Uplink - Power Class 3	N/A	2636.50	41055	Mid-High	LTE Band 41	20	15.80	14.26	-0.02	0	Antenna 3b	YDHKFG44JX	QPSK	1	0	0 mm	top	1:1.58	0.580	1.426	0.827	0.205	0.292	
1 CC Uplink - Preser Class 3	N/A	2680.00	41490	High	LTE Band 41	20	15.80	14.25	-0.02	0	Antenna 3b	YDHKFG44JX	QPSK	1	0	0 mm	top	1:1.58	0.658	1.429	0.940	0.234	0.334	
1 CC Uplink - Power Class 3	N/A	2506.00	39750	Low	LTE Band 41	20	15.80	14.42	-0.01	0	Antenna 3b	YDHKFG44JX	QPSK	50	0	0 mm	top	1:1.58	0.516	1.374	0.709	0.181	0.249	
1 CC Uplink - Power Class 3	N/A	2549.50	40185	Low-Mid	LTE Band 41	20	15.80	14.41	-0.02	0	Antenna 3b	YDHKFG44JX	QPSK	50	25	0 mm	top	1:1.58	0.507	1.377	0.698	0.179	0.246	
1 CC Uplink - Power Class 3	N/A	2593.00	40620	Mid	LTE Band 41	20	15.80	14.40	0.00	0	Antenna 3b	YDHKFG44JX	QPSK	50	50	0 mm	top	1:1.58	0.554	1.380	0.765	0.196	0.270	
1 CC Uplink - Power Class 3	N/A	2636.50	41055	Mid-High	LTE Band 41	20	15.80	14.41	-0.02	0	Antenna 3b	YDHKFG44JX	QPSK	50	25	0 mm	top	1:1.58	0.598	1.377	0.823	0.211	0.291	
1 CC Uplink - Power Class 3	N/A	2680.00	41490	High	LTE Band 41	20	15.80	14.41	-0.06	0	Antenna 3b	YDHKFG44JX	QPSK	50	25	0 mm	top	1:1.58	0.671	1.377	0.924	0.237	0.326	
1 CC Uplink - Power Class 3	N/A	2593.00	40620	Mid	LTE Band 41	20	15.80	14.41	-0.02	0	Antenna 3b	YDHKFG44JX	QPSK	100	0	0 mm	top	1:1.58	0.556	1.377	0.766	0.198	0.270	
1 CC Uplink - Power Class 2	N/A	2680.00	41490	High	LTE Band 41	20	17.45	15.92	-0.04	0	Antenna 3b	YDHKFG44JX	QPSK	1	0	0 mm	top	1:2:31	0.691	1.422	0.983	0.232	0.330	
2 CC Uplink - Power Class 3	PCC	2680.00	41490	High	LTE Band 41	20	15.80	14.25	0.20			YDHKFG44JX	QPSK	1	0			1:1.58	0.662	1.429	0.946	0.221	0.316	
2 CC Uplink - Power Class 3	scc	2660.20	41292	High	LTE Band 41	20	15.60	14.25	0.20		Antenna 3b	TDHKFG44JX	Ursk	1	99	0 mm	top	1:1.50	0.662	1.429	0.946	0.221	0.316	
2 CC Uplink - Power Class 2	PCC	2680.00	41490	High	LTE Band 41	20	17.45	15.96	0.05			YDHKFG44JX	QPSK	1	0	0.mm		1:2:31	0.663	1.400	0.934	0.222	0.313	
2 CC Uplink - Power Class 2	scc	2680.20	41292	High	LTE Band 41	20	17.45	15.96	0.05		Antenna 3b	YDHKFG44JX	GPSK	1	99	0 mm	top	1:2.31	0.663	1.409	0.934	0.222	0.313	
1 CC Uplink - Power Class 3	N/A	2506.00	39750	Low	LTE Band 41	20	15.80	14.42	-0.13	0	Antenna 3b	YDHKFG44JX	QPSK	1	50	0 mm	bottom	1:1.58	0.000	1.374	0.000	0.000	0.000	
1 CC Uplink - Power Class 3	N/A	2506.00	39750	Low	LTE Band 41	20	15.80	14.42	0.14	0	Antenna 3b	YDHKFG44JX	QPSK	50	0	0 mm	bottom	1:1.58	0.000	1.374	0.000	0.000	0.000	
1 CC Uplink - Power Class 3	N/A	2506.00	39750	Low	LTE Band 41	20	15.80	14.42	-0.09	0	Antenna 3b	YDHKFG44JX	QPSK	1	50	0 mm	right	1:1.58	0.021	1.374	0.029	0.008	0.011	
1 CC Uplink - Power Class 3	N/A	2506.00	39750	Low	LTE Band 41	20	15.80	14.42	-0.09	0	Antenna 3b	YDHKFG44JX	QPSK	50	0	0 mm	right	1:1.58	0.022	1.374	0.030	0.009	0.012	
1 CC Uplink - Power Class 3	N/A	2506.00	39750	Low	LTE Band 41	20	15.80	-0.20	0	Antenna 3b	YDHKFG44JX	QPSK	1	50	0 mm	left	1:1.58	0.010	1.374	0.014	0.004	0.005		
1 CC Uplink - Power Class 3	N/A	2506.00	39750	Low	LTE Band 41	-0.15	0	Antenna 3b	YDHKFG44JX	QPSK	50	0	0 mm	left	1:1.58	0.010	1.374	0.014	0.004	0.005				
	ANSI / IEEE C95.11992 - SAFETY LIMIT Spatial Peak																Body Vkg (mW			•				
																	d over 1							
	Spatial Peak																							

Table 10-42 LTE Band 41 Antenna 4 Body SAR

								- aii	•		ASUREMEN	T RESULTS		-	• •	<u> </u>								
1 CC Uplink 2	Component		REQUENC	·			Maximum Allowed	Conducted				Device Serial	ı	П		Г		Duty	SAR (1e)		Reported SAR	SAR (10g)	Reported SAR	
CC Uplink, Power Class	Component	MHz			Mode	[MHz]	Power [dBm]	Power [dBm]	Power Drift [dB]	MPR (dB)	Antenna Config.	Number	Modulation	RB Stre	RB Offset	Spacing	Side	Cycle	(Wks)	Scaling Factor	(1g) (W/kg)	(Wika)	(10g) (W/kg)	Plot#
1 CC Uplink - Power Class 3	N/A	2506.00	39750	Low	LTE Band 41	20	14.70	13.90	-0.04	0	Antenna 4	D57Y7GFJ93	QPSK	1	0	0 mm	back	1:1.58	0.507	1.202	0.609	0.217	0.261	
1 CC Uplink - Power Class 3	N/A	2549.50	40185	Low-Mid	LTE Band 41	20	14.70	13.71	0.04	0	Antenna 4	D57Y7GFJ93	QPSK	1	22	0 mm	back	1:1.58	0.606	1.256	0.761	0.242	0.304	
1 CC Uplink - Power Class 3	N/A	2593.00	40620	Mid	LTE Band 41	20	14.70	13.93	-0.01	0	Artenna 4	D57Y7GFJ93	QPSK	1	0	0 mm	back	1:1.58	0.790	1.194	0.943	0.297	0.355	
1 CC Uplink -	N/A	2636.50	41055	Mid-High	LTE Band 41	20	14.70	13.71	0.13	0	Arterna 4	D57Y7GFJ93	QPSK	1	0	0 mm	back	1:1.58	0.579	1.256	0.727	0.233	0.293	
Power Class 3 1 CC Uplink -	N/A	2680.00	41490	High	LTE Band 41	20	14.70	13.71	0.09	0	Artenna 4	D57Y7GFJ93	QPSK	1	0	0 mm	back	1:1.58	0.640	1.256	0.804	0.250	0.314	
Power Class 3 1 CC Uplink -	N/A	2506.00	39750	Low	LTE Band 41	20	14.70	14.01	0.00	0	Artenna 4	D57Y7GFJ93	QPSK	50	25	0 mm	back	1:1.58	0.524	1.172	0.614	0.222	0.260	
Power Class 3 1 CC Uplink -	N/A	2549.50	40185	Low-Mid	LTE Band 41	20	14.70	13.82	0.03	0	Arterna 4	D57Y7GFJ93	QPSK	50	25	0 mm	back	1:1.58	0.634	1.225	0.777	0.253	0.310	
Power Class 3 1 CC Uplink -	N/A	2593.00	40620	Mid	LTE Band 41	20	14.70	14.02	-0.01	0	Arterna 4	D57Y7GFJ93	OPSK	50	25	0 mm	back	1:1.58	0.803	1.169	0.939	0.303	0.354	
Power Class 3 1 CC Uplink -	N/A	2698 50	41055	Mid-High	LTE Band 41	20	14.70	13.76	0.02	0	Arterna 4	D57Y7GE IRS	OPSK	50	0	0 mm	back	1:1.58	0.500	1.242	0.744	0.241	0.299	
Power Class 3 1 CC Uplink -	N/A	2680.00	41490	High	LTE Band 41	20	14.70	13.76	-0.04	0	Artenna 4	D57Y7GFJ93	QPSK	50	25	0 mm	back	1:1.58	0.697	1.292	0.744	0.241	0.299	
Power Class 3 1 CC Uplink -				,		_										-	-							
Power Class 3 1 CC Uplink -	N/A	2593.00	40820	Mid	LTE Band 41	20	14.70	13.92	0.01	0	Antenna 4	D57Y7GFJ93	QPSK	100	0	0 mm	back	1:1.58	0.544	1.197	0.651	0.232	0.278	
Power Class 2 2 CC Uplink -	N/A	2593.00	40820	Mid	LTE Band 41	20	16.35	15.27	-0.11	0	Antenna 4	D57Y7GFJ93	QPSK	1	0	0 mm	back	1:2:31	0.687	1.282	0.881	0.260	0.333	
Power Class 3 2 CC Uplink -	PCC	2593.00	40620	Mid	LTE Band 41	20	14.70	13.74	-0.12	0	Antenna 4	D57Y7GFJ93	QPSK	1	0	0 mm	back	1:1.58	0.779	1.247	0.971	0.289	0.360	
Power Class 3 2 CC Uplink -	SCC	2573.20	40422	Mid	LTE Band 41	20								1	99									
Power Class 2 2 CC Uplink -	PCC	2593.00	40820	Mid	LTE Band 41	20	16.35	15.85	-0.09		Artenna 4	D57Y7GFJ93	QPSK	1	0	0 mm	back	1:2:31	0.820	1.122	0.920	0.296	0.332	A14
Power Class 2	SCC	2573.20	40422	Mid	LTE Band 41	20								1	99									
1 CC Uplink - Power Class 3	N/A	2506.00	39750	Low	LTE Band 41	20	14.70	13.90	0.00	0	Antenna 4	D57Y7GFJ93	QPSK	1	0	0 mm	top	1:1.58	0.405	1.202	0.487	0.143	0.172	
1 CC Uplink - Power Class 3	N/A	2549.50	40185	Low-Mid	LTE Band 41	20	14.70	13.71	0.06	0	Antenna 4	D57Y7GFJ93	QPSK	1	99	0 mm	top	1:1.58	0.434	1.256	0.545	0.152	0.191	
1 CC Uplink - Power Class 3	N/A	2593.00	40620	Mid	LTE Band 41	20	14.70	13.93	0.06	0	Antenna 4	D57Y7GFJ93	QPSK	-1	0	0 mm	top	1:1.58	0.513	1.194	0.613	0.178	0.213	
1 CC Uplink - Power Class 3	N/A	2636.50	41055	Mid-High	LTE Band 41	20	14.70	13.71	0.01	0	Antenna 4	D57Y7GFJ93	QPSK	1	0	0 mm	top	1:1.58	0.493	1.256	0.619	0.170	0.214	
1 CC Uplink - Power Class 3	N/A	2680.00	41490	High	LTE Band 41	20	14.70	13.71	0.00	0	Antenna 4	D57Y7GFJ93	QPSK	1	0	0 mm	top	1:1.58	0.528	1.256	0.663	0.180	0.226	
1 CC Uplink - Power Class 3	N/A	2506.00	39750	Low	LTE Band 41	20	14.70	14.01	0.02	0	Antenna 4	D57Y7GFJ93	QPSK	50	25	0 mm	top	1:1.58	0.419	1.172	0.491	0.147	0.172	
1 CC Uplink - Power Class 3	N/A	2549.50	40185	Low-Mid	LTE Band 41	20	14.70	13.82	0.04	0	Antenna 4	D57Y7GFJ93	QPSK	50	25	0 mm	top	1:1.58	0.435	1.225	0.533	0.152	0.186	
1 CC Uplink - Power Class 3	N/A	2593.00	40620	Mid	LTE Band 41	20	14.70	14.02	-0.05	0	Antenna 4	D57Y7GFJ93	QPSK	50	25	0 mm	top	1:1.58	0.535	1.169	0.625	0.183	0.214	
1 CC Uplink - Power Class 3	N/A	2636.50	41055	Mid-High	LTE Band 41	20	14.70	13.76	0.01	0	Antenna 4	D57Y7GFJ93	QPSK	50	0	0 mm	top	1:1.58	0.500	1.242	0.621	0.172	0.214	
1 CC Uplink - Preser Class 3	N/A	2680.00	41490	High	LTE Band 41	20	14.70	13.89	0.00	0	Artenna 4	D57Y7GFJ93	QPSK	50	25	0 mm	top	1:1.58	0.537	1.205	0.647	0.185	0.223	
1 CC Uplink - Power Class 3	N/A	2593.00	40620	Mid	LTE Band 41	20	14.70	13.92	0.01	0	Antenna 4	D57Y7GFJ93	QPSK	100	0	0 mm	top	1:1.58	0.502	1.197	0.601	0.172	0.206	
1 CC Uplink - Power Class 3	N/A	2593.00	40620	Mid	LTE Band 41	20	14.70	13.93	0.11	0	Artenna 4	D57Y7GFJ93	QPSK	1	0	0 mm	bottom	1:1.58	0.003	1.194	0.004	0.001	0.001	
1 CC Uplink - Power Class 3	N/A	2593.00	40620	Mid	LTE Band 41	20	14.70	14.02	0.11	0	Artenna 4	D57Y7GFJ93	QPSK	50	25	0 mm	bottom	1:1.58	0.003	1.169	0.004	0.001	0.001	
1 CC Uplink - Power Class 3	N/A	2593.00	40620	Mid	LTE Band 41	20	14.70	13.93	0.19	0	Antenna 4	D57Y7GFJ93	QPSK	1	0	0 mm	right	1:1.58	0.009	1.194	0.011	0.003	0.004	
1 CC Uplink - Power Class 3	N/A	2593.00	40620	Mid	LTE Band 41	20	14.70	14.02	0.00	0	Antenna 4	D57Y7GFJ93	QPSK	50	25	0 mm	right	1:1.58	0.000	1.169	0.000	0.000	0.000	
1 CC Uplink - Power Class 3	N/A	2506.00	39750	Low	LTE Band 41	20	14.70	13.90	0.02	0	Artenna 4	D57Y7GFJ93	QPSK	1	0	0 mm	left	1:1.58	0.578	1.202	0.695	0.203	0.244	
1 CC Uplink - Power Class 3	N/A	2549.50	40185	Low-Mid	LTE Band 41	20	14.70	13.71	-0.01	0	Antenna 4	D57Y7GFJ93	QPSK	1	99	0 mm	left	1:1.58	0.587	1.256	0.737	0.204	0.258	
1 CC Uplink -	N/A	2593.00	40620	Mid	LTE Band 41	20	14.70	13.93	-0.02	0	Artenna 4	D57Y7GFJ93	QPSK	1	0	0 mm	left	1:1.58	0.629	1.194	0.751	0.218	0.260	
Power Class 3 1 CC Uplink -	N/A	2636.50	41055	Mid-High	LTE Band 41	20	14.70	13.71	-0.04	0	Artenna 4	D57Y7GFJ93	QPSK	1	0	0 mm	left	1:1.58	0.611	1.256	0.767	0.212	0.266	
Power Class 3 1 CC Uplink -	N/A	2680.00	41490	High	LTE Band 41	20	14.70	13.71	0.02	0	Arterna 4	D57Y7GFJ93	QPSK	1	0	0 mm	left	1:1.58	0.586	1,256	0.736	0.201	0.252	
1 CC Uplink -	N/A	2506.00	39750	Low	LTE Band 41	20	14.70	14.01	-0.01	0	Artenna 4	D57Y7GFJ93	OPSK	50	25	0 mm	left	1:1.58	0.594	1.172	0.696	0.208	0.244	
Power Class 3 1 CC Uplink -	N/A	2549.50	40185	Low-Mid	LTE Band 41	20	14.70	13.82	0.00	0	Arterna 4	D57Y7GFJ93	OPSK	50	25	0 mm	left	1:1.58	0.627	1 225	0.768	0.220	0.270	
Power Class 3 1 CC Uplink -	N/A	2593.00	40185	Mid	LTE Band 41	20	14.70	14.02	-0.08	0	Artenna 4	D57Y7GFJ93	OPSK	50	25	0 mm	left	1:1.58	0.648	1.169	0.758	0.220	0.258	
Power Class 3 1 CC Uplink -	N/A	2698.50	41055	Mid-High	LTE Band 41	20	14.70	13.76	-0.08	0	Artenna 4	D5717GF393	OPSK	50	0	0 mm	left	1:1.58	0.690	1.109	0.750	0.218	0.250	
Power Class 3 1 CC Uplink -	N/A N/A	2103.10				20	-		-0.03	_	_	D57Y7GF383	OPSK	50	-	_		-	0.690		0.782	0.218	0.271	
Power Class 3 1 CC Uplink -	1411	2680.00	41490	High	LTE Band 41		14.70	13.89		0	Antenna 4				25	0 mm	left	1:1.58		1.205				
Power Class 3	N/A					20	14.70	0	Antenna 4	D57Y7GFJ93	QPSK	100	0	0 mm	Body	1:1.58	0.588	1.197	0.701	0.208	0.247			
	so 3 N/A 2905.00 40620 Msd LIE Bland 41 20 14.70 13.92 -0.01 ANSI / IEEE C 05.1 1902 - SAFETY LIMIT Spatial Peak																Vkg (mW	Vg)						
	ANSI / IEEE C95.1 1992 - SAFETY LIMIT															average	d over 1	gram						

FCC ID: BCGA2568	Proof to be part of selement	SAR EVALUATION REPORT	Approved by: Quality Manager
Document S/N:	Test Dates:	DUT Type:	Dogo 155 of 201
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Table 10-43 LTE Band 48 Antenna 1a Body SAR

CC Uplink 2 CC Uplink	Component Carrier	-									ASUREMEN													
	Camer		REQUENC	Y	Mode	Bandwidth IMHz1	Maximum Allowed Power (dBm)	Conducted Power (dBm)	Power Drift (dB1	MPR (dB)	Antenna Config.	Device Serial	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot #
1 CC LINEAR		MHz		Dh.		(MATE)	Power(asm)	Nower (amm)	Dist (as)		-	Number						Cycso	(Wkg)		(Wikg)	(Wikg)	(W/kg)	
· ee epinio	N/A	3580.00	55340	Low	LTE Band 48	20	12:30	11.40	-0.05	0	Antenna 1a	F52K46M4N3	QPSK	1	99	0 mm	back	1:1.58	0.466	1.230	0.573	0.148	0.182	
1 CC Uplink	N/A	3580.00	55340	Low	LTE Band 48	20	12.30	11.46	-0.12	0	Antenna 1a	F52K46M4N3	QPSK	50	50	0 mm	back	1:1.58	0.553	1.213	0.671	0.188	0.228	
1 CC Uplink	N/A	3603.30	55773	Low-Mid	LTE Band 48	20	12:30	11.43	-0.18	0	Antenna 1a	F52K46M4N3	QPSK	50	50	0 mm	back	1:1.58	0.451	1.222	0.551	0.153	0.187	
1 CC Uplink	N/A	3646.70	56207	Mid-High	LTE Band 48	20	12.30	11.45	-0.06	0	Antenna 1a	F52K46M4N3	QPSK	50	50	0 mm	back	1:1.58	0.482	1.216	0.586	0.152	0.185	
1 CC Uplink	N/A	3690.00	56640	High	LTE Band 48	20	12:30	11.38	-0.20	0	Antenna 1a	F52K46M4N3	QPSK	50	0	0 mm	back	1:1.58	0.387	1.236	0.454	0.124	0.153	
1 CC Uplink	N/A	3580.00	55340	Low	LTE Band 48	20	12.30	11.39	-0.17	0	Antenna 1a	F52K46M4N3	QPSK	100	0	0 mm	back	1:1.58	0.396	1.233	0.488	0.134	0.165	
1 CC Uplink	N/A	3580.00	55340	Low	LTE Band 48	20	12:30	11.40	-0.13	0	Antenna 1a	F52K46M4N3	QPSK	1	99	0 mm	top	1:1.58	0.015	1.230	0.018	0.009	0.011	
1 CC Uplink	N/A	3580.00	55340	Low	LTE Band 48	20	12:30	11.46	0.01	0	Antenna 1a	F52K46M4N3	QPSK	50	50	0 mm	top	1:1.58	0.016	1.213	0.019	0.009	0.011	
1 CC Uplink	N/A	3580.00	55340	Low	LTE Band 48	20	12:30	11.40	-0.13	0	Antenna 1a	F52K46M4N3	QPSK	1	99	0 mm	bottom	1:1.58	0.179	1.230	0.220	0.054	0.086	
1 CC Uplink	N/A	3580.00	55340	Low	LTE Band 48	20	12:30	11.46	-0.08	0	Antenna 1a	F52K46M4N3	QPSK	50	50	0 mm	bottom	1:1.58	0.185	1.213	0.224	0.056	0.068	
1 CC Uplink	N/A	3580.00	55340	Low	LTE Band 48	20	12.30	11.40	-0.17	0	Antenna 1a	F52K46M4N3	QPSK	1	99	0 mm	right	1:1.58	0.010	1.230	0.012	0.008	0.010	
1 CC Uplink	N/A	3580.00	55340	Low	LTE Band 48	20	12:30	11.46	0.12	0	Antenna 1a	F52K46M4N3	QPSK	50	50	0 mm	right	1:1.58	0.010	1.213	0.012	0.008	0.010	
1 CC Uplink	N/A	3580.00	55340	Low	LTE Band 48	20	12.30	11.40	0.02	0	Antenna 1a	F52K46M4N3	QPSK	1	99	0 mm	left	1:1.58	0.688	1.230	0.846	0.191	0.235	
1 CC Uplink	N/A	3603.30	55773	Low-Mid	LTE Band 48	20	12:30	11.29	-0.05	0	Antenna 1a	F52K46M4N3	QPSK	1	99	0 mm	left	1:1.58	0.606	1.262	0.765	0.168	0.212	
1 CC Uplink	N/A	3646.70	56207	Mid-High	LTE Band 48	20	12:30	11.39	0.00	0	Antenna 1a	F52K46M4N3	QPSK	1	99	0 mm	left	1:1.58	0.542	1.233	0.668	0.150	0.185	
1 CC Uplink	N/A	3690.00	56640	High	LTE Band 48	20	12:30	11.28	-0.02	0	Antenna 1a	F52K46M4N3	QPSK	1	0	0 mm	left	1:1.58	0.550	1.265	0.696	0.152	0.192	
1 CC Uplink	N/A	3580.00	55340	Low	LTE Band 48	20	12.30	11.46	0.15	0	Antenna 1a	F52K46M4N3	QPSK	50	50	0 mm	left	1:1.58	0.710	1.213	0.861	0.196	0.238	
1 CC Uplink	N/A	3603.30	55773	Low-Mid	LTE Band 48	20	12:30	11.43	0.00	0	Antenna 1a	F52K46M4N3	QPSK	50	50	0 mm	left	1:1.58	0.614	1.222	0.750	0.172	0.210	
1 CC Uplink	N/A	3646.70	56207	Mid-High	LTE Band 48	20	12:30	11.45	0.11	0	Antenna 1a	F52K46M4N3	QPSK	50	50	0 mm	left	1:1.58	0.537	1.216	0.653	0.146	0.178	
1 CC Uplink	N/A	3690.00	56640	High	LTE Band 48	20	12.30	11.38	0.12	0	Antenna 1a	F52K46M4N3	QPSK	50	0	0 mm	left	1:1.58	0.541	1.236	0.669	0.146	0.180	
1 CC Uplink	N/A 3580.00 55340 Low LTE Band 48 20 12.30 11									0	Antenna 1a	F52K46M4N3	QPSK	100	0	0 mm	left	1:1.58	0.726	1.233	0.895	0.202	0.249	
2 CC Uplink	PCC	3580.00	55340	Low	LTE Band 48	20	12.30	11.07	0.03		Antenna 1a	F52K46M4N3	QPSK	100	0	0 mm	left	1:1.58	0.682	1.327	0.878	0.166	0.220	
2 CC Uplink	scc	3579.80	55538	Low	LTE Band 48	20	12.30	0.03		Complete 18	1	G/SK	100	0			1.1.50	0.062	1.067	0.076	0.100	0.220		
				ANSI / IEE	E C95.1 1992 - SAFE	ETY LIMIT											Body							
					Spatial Peak					1						1.6 W	Vkg (mW	Vg)						
			Uı	ncontrolle	d Exposure/General							average	d over 1	gram										

Table 10-44 LTE Band 48 Antenna 2 Body SAR

								····	70	, ,,		IIIG Z		<u>, u</u>	<u>, </u>									
										MEASU	UREMENT R	ESULTS												
1 CC Uplink 2 CC	Component	-	REQUEN	icy	Mode	Bandwidth	Maximum Allowed	Conducted	Power	MPR (dB1	Antenna Confio.	Device Serial	Modulation		RB Offset	Seacine	Side	Duty	SAR (1g)	Scaling Factor	Reported SAR (10)	SAR (10g)	Reported SAR (190)	Plot #
Uplink	Carrier	MHz		Ch.		[MHz]	Power (dBm)	Power [dBm]	Drift [dB]	an-v (mm)	Anama comp	Number	account.	No 320	KB CHIEB	apacing	3	Cycle	(Wilkg)	acang raco	(Wkg)	(W/kg)	(Wkg)	740.0
1 CC Uplink	N/A	3560.00	55340	Low	LTE Band 48	20	13.00	12.20	0.01	0	Antenna 2	YDHKFG44JX	QPSK	- 1	٥	0 mm	back	1:1.58	0.635	1.202	0.763	0.200	0.240	
1 CC Uplink	NA	3603.30	55773	Low-Mid	LTE Band 48	20	13.00	12.38	0.02	0	Antenna 2	YDHKFG44JX	QPSK	- 1	22	0 mm	back	1:1.58	0.695	1.153	0.801	0.205	0.236	
1 CC Uplink	NA	3646.70	56207	Mid-High	LTE Band 48	20	13.00	12.37	-0.01	0	Antenna 2	YDHKFG44JX	QPSK	- 1	0	0 mm	back	1:1.58	0.626	1.156	0.724	0.187	0.216	
1 CC Uplink	NA	3690.00	56640	High	LTE Band 48	20	13.00	12.31	-0.02	0	Antenna 2	YDHKFG44JX	QPSK	- 1	0	0 mm	back	1:1.58	0.650	1.172	0.762	0.187	0.219	
1 CC Uplink	NA	3560.00	55340	Low	LTE Band 48	20	13.00	12.30	0.04	0	Antenna 2	YDHKFG44JX	QPSK	50	25	0 mm	back	1:1.58	0.629	1.175	0.739	0.204	0.240	
1 CC Uplink	NA	3603.30	55773	Low-Mid	LTE Band 48	20	13.00	12.34	0.00	0	Antenna 2	YDHKFG44JX	QPSK	50	25	0 mm	back	1:1.58	0.729	1.164	0.849	0.213	0.248	
1 CC Uplink	NA	3603.30	55773	Low-Mid	LTE Band 48	20	13.00	12.33	-0.01	0	Antenna 2	YDHKFG44JX	QPSK	50	50	0 mm	back	1:1.58	0.703	1.167	0.820	0.209	0.244	
1 CC Uplink	NA	3646.70	56207	Mid-High	LTE Band 48	20	13.00	12.42	0.01	0	Antenna 2	YDHKFG44JX	QPSK	50	0	0 mm	back	1:1.58	0.607	1.143	0.694	0.182	0.208	
1 CC Uplink	NA	3690.00	56640	High	LTE Band 48	20	13.00	12.34	-0.02	0	Antenna 2	YDHKFG44JX	QPSK	50	50	0 mm	back	1:1.58	0.602	1.164	0.701	0.174	0.203	
1 CC Uplink	NA	3603.30	55773	Low-Mid	LTE Band 48	20	13.00	12.37	0.00	0	Antenna 2	YDHKFG44JX	QPSK	100	0	0 mm	back	1:1.58	0.732	1.156	0.846	0.214	0.247	A15
2 CC Uplink	PCC	3603.30	55773	Low-Mid	LTE Band 48	20	13.00	12.41	-0.01		America 2	YDHKFG44JX	QPSK	50	50	0 mm	back	1:1.58	0.696	1.146	0.798	0.207	0.237	
2 CC Uplink	scc	3623.10	55971	Low-Mid	LTE Band 48	1 ~	13.00	12.41	-0.01		America 2	TURNEGHAUX	UPSK	50	0	Umm	Dack	1:1.56	0.696	1.146	0.736	0.207	0.237	
1 CC Uplink	NA	3603.30	55773	Low-Mid	LTE Band 48	20	13.00	12.38	-0.14	0	Antenna 2	YDHKFG44JX	QPSK	-1	22	0 mm	top	1:1.58	0.001	1.153	0.001	0.000	0.000	
1 CC Uplink	NA	3646.70	56207	Mid-High	LTE Band 48	20	13.00	12.42	-0.12	0	Antenna 2	YDHKFG44JX	QPSK	50	0	0 mm	top	1:1.58	0.004	1.143	0.005	0.000	0.000	
1 CC Uplink	NA	3603.30	55773	Low-Mid	LTE Band 48	20	13.00	12.38	0.02	0	Antenna 2	YDHKFG44JX	QPSK	- 1	22	0 mm	bottom	1:1.58	0.270	1.153	0.311	0.079	0.091	
1 CC Uplink	NA	3646.70	56207	Mid-High	LTE Band 48	20	13.00	12.42	-0.06	0	Antenna 2	YDHKFG44JX	QPSK	50	0	0 mm	bottom	1:1.58	0.288	1.143	0.329	0.085	0.097	
1 CC Uplink	NA	3603.30	55773	Low-Mid	LTE Band 48	20	13.00	12.38	-0.05	0	Antenna 2	YDHKFG44JX	QPSK	- 1	22	0 mm	right	1:1.58	0.215	1.153	0.248	0.063	0.073	
1 CC Uplink	NA	3646.70	58207	Mid-High	LTE Band 48	20	13.00	12.42	-0.06	0	Antenna 2	YDHKFG44JX	QPSK	50	0	0 mm	right	1:1.58	0.226	1.143	0.258	0.069	0.079	
1 CC Uplink	NA	3603.30	55773	Low-Mid	LTE Band 48	20	13.00	12.38	0.00	0	Antenna 2	YDHKFG44JX	QPSK	-1	22	0 mm	left	1:1.58	0.000	1.153	0.000	0.000	0.000	
1 CC Uplink	NA	3646.70	56207	Mid-High	LTE Band 48	20	13.00	12.42	0.00	0	Antenna 2	YDHKFG44JX	QPSK	50	0	0 mm	left	1:1.58	0.000	1.143	0.000	0.000	0.000	
			ANSI		1 1992 - SAFETY LIMIT atial Peak											16W	Body /kg (mW	Ven						
			Uncont		osure/General Population	on											d over 1	-						

Table 10-45 LTE Band 48 Antenna 3a Body SAR

										MEASU	JREMENT R	ESULTS												
1 CC Uplink 2 CC Uplink	Component		REQUEN	DΥ	Mode	Bandwidth (MHz)	Maximum Allowed Power (dBm)	Conducted Power (dBm)	Power Dritt (dB1	MPR (dB1	Antenna Confio	Device Serial Number	Modulation	RD Size	RB Offset	Seacine	Side	Duty Cycle	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot #
Opink	Camer	MHz		Ch.		[secz]	Power (dam)	Power (aun)	Dritt (att)			Number						Cycle	(Wikg)		(Wkg)	(W/kg)	(Wkg)	
1 CC Uplink	NA	3603.30	55773	Low-Mid	LTE Band 48	20	12.00	11.38	-0.20	0	Antenna 3a	WWY4QW7W9Q	QPSK	-1	٥	0 mm	back	1:1.58	0.342	1.153	0.394	0.113	0.130	
1 CC Uplink	NA	3560.00	55340	Low	LTE Band 48	20	12.00	11.53	-0.20	0	Antenna 3a	WWY4QW7W9Q	QPSK	50	25	0 mm	back	1:1.58	0.363	1.114	0.404	0.120	0.134	
1 CC Uplink	N/A	3603.30	55773	Low-Mid	LTE Band 48	20	12.00	11.38	-0.09	0	Antenna 3a	WWY4QW7W9Q	QPSK	-1	٥	0 mm	top	1:1.58	0.180	1.153	0.208	0.056	0.065	
1 CC Uplink	N/A	3560.00	55340	Low	LTE Band 48	20	12.00	11.53	-0.13	0	Antenna 3a	WWY4QW7W9Q	QPSK	50	25	0 mm	top	1:1.58	0.190	1.114	0.212	0.058	0.065	
1 CC Uplink	NA	3603.30	55773	Low-Mid	LTE Band 48	20	12.00	11.38	-0.12	0	Antenna 3a	WWY4QW7W9Q	QPSK	1	0	0 mm	bottom	1:1.58	0.015	1.153	0.017	0.013	0.015	
1 CC Uplink	N/A	3560.00	55340	Low	LTE Band 48	20	12.00	11.53	0.19	0	Antenna 3a	WWY4QW7W9Q	QPSK	50	25	0 mm	bottom	1:1.58	0.000	1.114	0.000	0.000	0.000	
1 CC Uplink	N/A	3560.00	55340	Low	LTE Band 48	20	12.00	11.33	-0.01	0	Antenna 3a	WWY4QW7W9Q	QPSK	- 1	50	0 mm	right	1:1.58	0.592	1.167	0.691	0.174	0.203	
1 CC Uplink	N/A	3603.30	55773	Low-Mid	LTE Band 48	20	12.00	11.38	0.05	0	Antenna 3a	WWY4QW7W9Q	QPSK	- 1	0	0 mm	right	1:1.58	0.576	1.153	0.684	0.168	0.194	
1 CC Uplink	NA	3646.70	56207	Mid-High	LTE Band 48	20	12.00	11.33	0.08	0	Antenna 3a	WWY4QW7W9Q	QPSK	-1	٥	0 mm	right	1:1.58	0.563	1.167	0.657	0.163	0.190	
1 CC Uplink	NA	3690.00	56640	High	LTE Band 48	20	12.00	11.31	0.13	0	Antenna 3a	WWY4QW7W9Q	QPSK	-1	٥	0 mm	right	1:1.58	0.588	1.172	0.689	0.164	0.192	
1 CC Uplink	NA	3560.00	55340	Low	LTE Band 48	20	12.00	11.53	0.03	0	Antenna 3a	WWY4QW7W9Q	QPSK	50	25	0 mm	right	1:1.58	0.632	1.114	0.704	0.184	0.205	
1 CC Uplink	NA	3560.00	55340	Low	LTE Band 48	20	12.00	11.47	0.02	0	Antenna 3a	WWY4QW7W9Q	QPSK	50	50	0 mm	right	1:1.58	0.673	1.130	0.760	0.186	0.210	
1 CC Uplink	N/A	3603.30	55773	Low-Mid	LTE Band 48	20	12.00	11.46	0.03	0	Antenna 3a	WWY4QW7W9Q	QPSK	50	25	0 mm	right	1:1.58	0.575	1.132	0.651	0.168	0.190	
1 CC Uplink	NA	3646.70	56207	Mid-High	LTE Band 48	20	12.00	11.46	0.05	0	Antenna 3a	WWY4QW7W9Q	QPSK	50	25	0 mm	right	1:1.58	0.548	1.132	0.620	0.157	0.178	
1 CC Uplink	N/A	3690.00	56640	High	LTE Band 48	20	12.00	11.38	0.03	0	Antenna 3a	WWY4QW7W9Q	QPSK	50	50	0 mm	right	1:1.58	0.562	1.153	0.648	0.158	0.182	
1 CC Uplink	NA	3603.30	55773	Low-Mid	LTE Band 48	20	12.00	11.37	0.03	0	Antenna 3a	WWY4QW7W9Q	QPSK	100	٥	0 mm	right	1:1.58	0.584	1.156	0.675	0.169	0.195	
2 CC Uplink	PCC	3560.00	55340	Low	LTE Band 48	20	12.00	11.16	0.02		Anterna 3a	WWY4QW7W9Q	QPSK	50	50	0 mm	right	1:1.58	0.597	1,213	0.724	0.159	0.193	
2 CC Uplink	scc	3579.80	55538	Low	LTE Band 48								2.00	50	٥		- Gara		-30		24			
1 CC Uplink	N/A	3603.30	55773	Low-Mid	LTE Band 48	20	12.00	11.38	-0.17	0	Antenna 3a	WWY4QW7W9Q	QPSK	- 1	٥	0 mm	left	1:1.58	0.012	1.153	0.014	0.011	0.013	
1 CC Uplink	N/A	3560.00	55340	Low	LTE Band 48	20	12.00	11.53	-0.13	0	Antenna 3a	WWY4QW7W9Q	QPSK	50	25	0 mm	left	1:1.58	0.010	1.114	0.011	0.006	0.007	
				Spi	1 1992 - SAFETY LIMIT atial Peak sure/General Populatio												Body I/kg (mW id over 1							

FCC ID: BCGA2568	POTEST Poul to be part of @ demonst	SAR EVALUATION REPORT	Approved by: Quality Manager
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Table 10-46 LTE Band 48 Antenna 4 Body SAR

								-							٠,	<u> </u>								
										ME	ASUREMEN	T RESULTS												
1 CC Uplink 2 CC Uplink	Component	F	REQUENC	Y	Mode	Bandwidth IMHz1	Maximum Allowed Power (dbm)	Conducted Power (dBm)	Power Drift (dB)	MPR (dB)	Antenna Config.	Device Serial Number	Modulation	RB Stre	RB Offset	Spacing	Side	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
ССОрик	Camer	MHz		h.		(market)	Power (coming	rower (sum)	Distribusi			Name of the last						Сусы	(WERg)		(W/kg)	(W/kg)	(Wkg)	-
1 CC Uplink	N/A	3560.00	55340	Low	LTE Band 48	20	11.90	10.32	0.05	0	Antenna 4	MHFY65WKTX	QPSK	-1	0	0 mm	back	1:1.58	0.607	1.439	0.873	0.181	0.260	
1 CC Uplink	N/A	3603.30	55773	Low-Mid	LTE Band 48	20	11.90	10.22	0.01	0	Antenna 4	MHFY65WKTX	QPSK	1	20	0 mm	back	1:1.58	0.598	1.472	0.880	0.171	0.252	
1 CC Uplink	N/A	3646.70	56207	Mid-High	LTE Band 48	20	11.90	10.28	0.05	0	Antenna 4	MHFY65WKTX	QPSK	-1	0	0 mm	back	1:1.58	0.557	1.452	0.809	0.160	0.232	
1 CC Uplink	N/A	3690.00	56640	High	LTE Band 48	20	11.90	10.05	0.08	0	Antenna 4	MHFY65WKTX	QPSK	1	0	0 mm	back	1:1.58	0.446	1.531	0.683	0.135	0.207	
1 CC Uplink	N/A	3580.00	55340	Low	LTE Band 48	20	11.90	10.42	0.04	0	Antenna 4	MHFY65WKTX	QPSK	50	50	0 mm	back	1:1.58	0.601	1.406	0.845	0.178	0.250	
1 CC Uplink	N/A	3603.30	55773	Low-Mid	LTE Band 48	20	11.90	10.41	-0.01	0	Antenna 4	MHFY65WKTX	QPSK	50	25	0 mm	back	1:1.58	0.627	1.409	0.883	0.178	0.251	
1 CC Uplink	N/A	3603.30 55773 Low-Mid LTE Band 48 20 11.90 3646.70 56207 Mid-High LTE Band 48 20 11.90						10.35	-0.04	0	Antenna 4	MHFY65WKTX	QPSK	50	50	0 mm	back	1:1.58	0.534	1.429	0.763	0.152	0.217	
1 CC Uplink	N/A	3646.70	56207	Mid-High	LTE Band 48	20	11.90	10.38	0.02	0	Antenna 4	MHFY65WKTX	QPSK	50	0	0 mm	back	1:1.58	0.554	1.419	0.786	0.160	0.227	
1 CC Uplink	N/A	3690.00	56640	High	LTE Band 48	20	11.90	10.12	0.01	0	Antenna 4	MHFY65WKTX	QPSK	50	0	0 mm	back	1:1.58	0.442	1.507	0.666	0.131	0.197	
1 CC Uplink	N/A	3580.00	55340	Low	LTE Band 48	20	11.90	10.28	0.05	0	Antenna 4	MHFY65WKTX	QPSK	100	0	0 mm	back	1:1.58	0.591	1.452	0.858	0.177	0.257	
2 CC Uplink	PCC	3603.30	55773	Low-Mid	LTE Band 48	20	11.90	10.93	-0.14		Artenna 4	MHFY65WKTX	QPSK	50	50	0 mm	back	1:1.58	0.583	1.250	0.729	0.168	0.210	
2 CC Uplink	scc	3623.10	55971	Low-Mid	LTE Band 48	20	11.30	10.93	4.14		Armetria 4	MITTIGOWATA	Ursk	50	0	O mm	DWDK	1:1.50	0.583	1.250	0.729	0.166	0.210	
1 CC Uplink	N/A	3580.00	55340	Low	LTE Band 48	20	11.90	10.32	0.05	0	Antenna 4	MHFY65WKTX	QPSK	1	0	0 mm	top	1:1.58	0.174	1.439	0.250	0.059	0.085	
1 CC Uplink	N/A	3580.00	55340	Low	LTE Band 48	20	11.90	10.42	-0.11	0	Antenna 4	MHFY65WKTX	QPSK	50	50	0 mm	top	1:1.58	0.170	1.406	0.239	0.056	0.079	
1 CC Uplink	N/A	3560.00	55340	Low	LTE Band 48	20	11.90	10.32	-0.15	0	Artenna 4	MHFY65WKTX	QPSK	1	0	0 mm	bottom	1:1.58	0.009	1.439	0.013	0.008	0.009	
1 CC Uplink	N/A	3560.00	55340	Low	LTE Band 48	20	11.90	10.42	-0.14	0	Antenna 4	MHFY65WKTX	QPSK	50	50	0 mm	bottom	1:1.58	0.011	1.406	0.015	0.007	0.010	
1 CC Uplink	N/A	3560.00	55340	Low	LTE Band 48	20	11.90	10.32	0.11	0	Artenna 4	MHFY65WKTX	QPSK	1	0	0 mm	right	1:1.58	0.012	1.439	0.017	0.011	0.016	
1 CC Uplink	N/A	3580.00	55340	Low	LTE Band 48	20	11.90	10.42	0.18	0	Artenna 4	MHFY65WKTX	QPSK	50	50	0 mm	right	1:1.58	0.009	1.406	0.013	0.008	0.008	
1 CC Uplink	N/A 3580.00 55340 Low LTE Band 48 20 11.90 10.32							10.32	0.08	0	Antenna 4	MHFY65WKTX	QPSK	1	0	0 mm	left	1:1.58	0.219	1.439	0.315	0.067	0.098	
1 CC Uplink	k N/A 3500.00 55340 Low LTE Band 48 20 11.90 10.42 ANSI/IEEE C95.1 1992 - SAFETY LIMIT								0.04	0	Artenna 4	MHFY65WKTX	QPSK	50	50	0 mm	left	1:1.58	0.224	1.406	0.315	0.069	0.097	
							SAFETY LIMIT										Body						•	
						Spatial Peak											//kg (mW							
		Uncontrolled Exposure/General Population														average	ed over 1	gram						

Table 10-47 NR n71 Antenna 2 Body SAR

														_									
										MEAS	UREMENT R	ESULTS											
	EQUENCY		Mode	Bandwidth [MHz]	Maximum Allowed	Conducted Power (dBm)	Antenna Config	Power Drift (dB1	MPR [dB]	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle		Scaling Factor		SAR (10g)	Reported SAR (10g)	Plot#
MHz	CI	١.		(mark)	Power (dBm)	rower (state)		Dist (dd)									Cycla	(W/kg)		(W/kg)	(W/kg)	(W/kg)	
680.50	136100	Mid	NR Band n71	20	18.50	17.42	Antenna 2	-0.02	0.0	F52K46M4N3	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	0.546	1.282	0.700	0.212	0.272	
680.50	136100	Mid	NR Band n71	20	18.50	17.46	Antenna 2	-0.02	0.0	F52K46M4N3	DFT-S-OFDM	QPSK	50	0	0 mm	back	1:1	0.519	1.271	0.660	0.198	0.252	
680.50	136100	Mid	NR Band n71	20	18.50	17.33	Antenna 2	-0.04	0.0	F52K46M4N3	CP-OFDM	QPSK	1	1	0 mm	back	1:1	0.537	1.309	0.703	0.202	0.264	
680.50	136100	Mid	NR Band n71	20	18.50	17.42	Antenna 2	0.17	0.0	F52K46M4N3	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	0.014	1.282	0.018	0.007	0.009	
680.50	136100	Mid	NR Band n71	20	18.50	17.46	Antenna 2	0.06	0.0	F52K46M4N3	DFT-S-OFDM	QPSK	50	0	0 mm	top	1:1	0.011	1.271	0.014	0.006	0.008	
680.50	136100	Mid	NR Band n71	20	18.50	17.42	Antenna 2	0.08	0.0	F52K46M4N3	DFT-S-OFDM	QPSK	1	1	0 mm	bottom	1:1	0.386	1.282	0.495	0.172	0.221	
680.50	136100	Mid	NR Band n71	20	18.50	17.46	Antenna 2	0.04	0.0	F52K46M4N3	DFT-S-OFDM	QPSK	50	0	0 mm	bottom	1:1	0.396	1.271	0.503	0.176	0.224	
680.50	136100	Mid	NR Band n71	20	18.50	17.42	Antenna 2	-0.02	0.0	F52K46M4N3	DFT-S-OFDM	QPSK	1	1	0 mm	right	1:1	0.342	1.282	0.438	0.121	0.155	
680.50	136100	Mid	NR Band n71	20	18.50	17.46	Antenna 2	-0.05	0.0	F52K46M4N3	DFT-S-OFDM	QPSK	50	0	0 mm	right	1:1	0.338	1.271	0.430	0.120	0.153	
680.50	136100	Mid	NR Band n71	20	18.50	17.42	Antenna 2	0.04	0.0	F52K46M4N3	DFT-S-OFDM	QPSK	1	1	0 mm	left	1:1	0.039	1.282	0.050	0.018	0.023	
680.50	136100	Mid	NR Band n71	20	18.50	17.46	Antenna 2	-0.02	0.0	F52K46M4N3	DFT-S-OFDM	QPSK	50	0	0 mm	left	1:1	0.032	1.271	0.041	0.015	0.019	
			ANSI / IEE		2 - SAFETY L	IMIT										Body							
				Spatial F												N/kg (ml							
			Uncontrolle	d Exposure/	General Popu	ulation									averag	ed over 1	gram						

Table 10-48 NR n71 Antenna 4 Body SAR

									MEAS	UREMENT R	ESULTS											
EQUENC	Y	Mode	Bandwidth	Maximum Allowed	Conducted	Antenna Config	Power	MPR (dB)	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty	SAR (1g)		Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot #
С	h.		(serz)	Power (dBm)	Prower (apm)		Dist (db)									Суся	(W/kg)		(W/kg)	(W/kg)	(W/kg)	
136100	Mid	NR Band n71	20	20.50	19.27	Antenna 4	0.01	0.0	D6WL24FM99	DFT-S-OFDM	QPSK	-1	1	0 mm	back	1:1	0.729	1.327	0.967	0.344	0.456	
136100	Mid	NR Band n71	20	20.50	19.30	Antenna 4	-0.01	0.0	D6WL24FM99	DFT-S-OFDM	QPSK	50	0	0 mm	back	1:1	0.653	1.318	0.861	0.307	0.405	
136100	Mid	NR Band n71	20	20.50	19.25	Antenna 4	0.00	0.0	D6WL24FM99	DFT-S-OFDM	QPSK	100	0	0 mm	back	1:1	0.624	1.334	0.832	0.294	0.392	
136100	Mid	NR Band n71	20	20.50	19.32	Antenna 4	0.00	0.0	D6WL24FM99	CP-OFDM	QPSK	-1	1	0 mm	back	1:1	0.758	1.312	0.994	0.352	0.462	A16
136100	Mid	NR Band n71	20	20.50	19.27	Antenna 4	-0.03	0.0	D6WL24FM99	DFT-S-OFDM	QPSK	-1	1	0 mm	top	1:1	0.363	1.327	0.482	0.172	0.228	
136100	Mid	NR Band n71	20	20.50	19.30	Antenna 4	-0.02	0.0	D6WL24FM99	DFT-S-OFDM	QPSK	50	0	0 mm	top	1:1	0.359	1.318	0.473	0.172	0.227	
136100	Mid	NR Band n71	20	20.50	19.27	Antenna 4	0.11	0.0	D6WL24FM99	DFT-S-OFDM	QPSK	-1	1	0 mm	bottom	1:1	0.030	1.327	0.040	0.016	0.021	
136100	Mid	NR Band n71	20	20.50	19.30	Antenna 4	-0.02	0.0	D6WL24FM99	DFT-S-OFDM	QPSK	50	0	0 mm	bottom	1:1	0.028	1.318	0.037	0.014	0.018	
136100	Mid	NR Band n71	20	20.50	19.27	Antenna 4	-0.13	0.0	D6WL24FM99	DFT-S-OFDM	QPSK	-1	1	0 mm	right	1:1	0.068	1.327	0.077	0.027	0.036	
136100	Mid	NR Band n71	20	20.50	19.30	Antenna 4	-0.15	0.0	D6WL24FM99	DFT-S-OFDM	QPSK	50	0	0 mm	right	1:1	0.069	1.318	0.091	0.031	0.041	
136100	Mid	NR Band n71	20	20.50	19.27	Antenna 4	0.03	0.0	D6WL24FM99	DFT-S-OFDM	QPSK	-1	1	0 mm	left	1:1	0.455	1.327	0.604	0.163	0.216	
136100	Mid	NR Band n71	20	20.50	19.30	Antenna 4	0.09	0.0	D6WL24FM99	DFT-S-OFDM	QPSK	50	0	0 mm	left	1:1	0.484	1.318	0.638	0.172	0.227	
	Spatial Peak																					
	136100 136100 136100 136100 136100 136100 136100 136100 136100	Ch. 138100 Mid 138100 Mid 138100 Mid 138100 Mid 138100 Mid 138100 Mid 138100 Mid 138100 Mid 138100 Mid 138100 Mid 138100 Mid 138100 Mid 138100 Mid 138100 Mid	Section	Table Tabl	Charles	No. Web Web Properties Web Properties Web We	December Content Con	Name	Dec Marco	Name	No. No.	Name	Dec Part P	Dec Part P		December Column Dec Part Column C	Oct Part P	Part Part	Property Property	March Marc		

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Table 10-49 NR n12 Antenna 2 Body SAR

														,									
										MEA	SUREMENT F	RESULTS											
FR	EQUENCY		Mode	Bandwidth (MHz1	Maximum Allowed	Conducted Power (dBm)	Antenna Config	Power Drift (dB)	MPR (dB)	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot #
MHz	Ch			Securi	Power [dBm]	Fower (spin)	Cumy	Distribut									Cycle	(W/kg)		(W/kg)	(Wikg)	(Wikg)	
707.50	141500	Mid	NR Band n12	15	18.50	18.26	Antenna 2	0.01	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	-1	- 1	0 mm	back	1:1	0.671	1.057	0.709	0.290	0.307	
707.50	141500	Mid	NR Band n12	15	18.50	18.12	Antenna 2	-0.02	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	36	0	0 mm	back	1:1	0.701	1.091	0.765	0.304	0.332	
707.50	141500	Mid	NR Band n12	15	18.50	18.04	Antenna 2	0.03	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	75	0	0 mm	back	1:1	0.707	1.112	0.786	0.288	0.320	
707.50	141500	Mid	NR Band n12	15	18.50	18.24	Antenna 2	0.00	0.0	LQG94JW07G	CP-OFDM	QPSK	-1	- 1	0 mm	back	1:1	0.806	1.062	0.856	0.305	0.324	A17
707.50	141500	Mid	NR Band n12	15	18.50	18.26	Antenna 2	0.13	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	1	-1	0 mm	top	1:1	0.011	1.057	0.012	0.005	0.005	
707.50	141500	Mid	NR Band n12	15	18.50	18.12	Antenna 2	-0.07	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	36	0	0 mm	top	1:1	0.017	1.091	0.019	0.008	0.009	
707.50	141500	Mid	NR Band n12	15	18.50	18.26	Antenna 2	-0.02	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	1	1	0 mm	bottom	1:1	0.515	1.057	0.544	0.230	0.243	
707.50	141500	Mid	NR Band n12	15	18.50	18.12	Antenna 2	0.00	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	36	0	0 mm	bottom	1:1	0.524	1.091	0.572	0.230	0.251	
707.50	141500	Mid	NR Band n12	15	18.50	18.26	Antenna 2	-0.04	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	1	-1	0 mm	right	1:1	0.463	1.057	0.489	0.158	0.167	
707.50	141500	Mid	NR Band n12	15	18.50	18.12	Antenna 2	0.00	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	36	0	0 mm	right	1:1	0.476	1.091	0.519	0.162	0.177	
707.50	141500	Mid	NR Band n12	15	18.50	18.26	Antenna 2	0.12	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	-1	1	0 mm	left	1:1	0.028	1.057	0.030	0.013	0.014	
707.50	141500	Mid	NR Band n12	15	18.50	18.12	Antenna 2	-0.13	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	36	0	0 mm	left	1:1	0.029	1.091	0.032	0.014	0.015	
		ANSI / IEEE C95.1 1992 - SAFETY LIMIT													Во	ody							
	Spatial Peak														1.6 W/k	g (mW/g)							
		Uncontrolled Exposure/General Population													averaged o	over 1 gra	am						

Table 10-50 NR n12 Antenna 4 Body SAR

											•			,		-							
										MEA	SUREMENT F	RESULTS											
FR	EQUENCY		Mode	Bandwidth (MHz)	Maximum Allowed	Conducted Power (dBm)	Antenna Config	Power Drift (dB)	MPR (dB)	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	Ch			,,	Power (dBm)			,,									-,	(W/kg)		(W/kg)	(Wikg)	(W/kg)	
707.50	141500	Mid	NR Band n12	15	18.90	17.74	Antenna 4	0.00	0.0	T3Y6XQC446	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	0.753	1.306	0.983	0.350	0.457	
707.50	141500	Mid	NR Band n12	15	18.90	17.65	Antenna 4	0.02	0.0	T3Y6XQC446	DFT-S-OFDM	QPSK	36	0	0 mm	back	1:1	0.715	1.334	0.954	0.342	0.456	
707.50	141500	Mid	NR Band n12	15	18.90	17.56	Antenna 4	-0.01	0.0	T3Y6XQC446	DFT-S-OFDM	QPSK	75	0	0 mm	back	1:1	0.649	1.361	0.883	0.316	0.430	
707.50	141500	Mid	NR Band n12	15	18.90	17.63	Antenna 4	-0.05	0.0	T3Y6XQC446	CP-OFDM	QPSK	1	1	0 mm	back	1:1	0.711	1.340	0.953	0.329	0.441	
707.50	141500	Mid	NR Band n12	15	18.90	17.74	Antenna 4	-0.13	0.0	T3Y6XQC446	DFT-S-OFDM	QPSK	-1	-1	0 mm	top	1:1	0.324	1.306	0.423	0.153	0.200	
707.50	141500	Mid	NR Band n12	15	18.90	17.65	Antenna 4	0.01	0.0	T3Y6XQC446	DFT-S-OFDM	QPSK	36	0	0 mm	top	1:1	0.329	1.334	0.439	0.156	0.208	
707.50	141500	Mid	NR Band n12	15	18.90	17.74	Antenna 4	-0.11	0.0	T3Y6XQC446	DFT-S-OFDM	QPSK	1	1	0 mm	bottom	1:1	0.016	1.306	0.021	0.008	0.010	
707.50	141500	Mid	NR Band n12	15	18.90	17.65	Antenna 4	0.04	0.0	T3Y6XQC446	DFT-S-OFDM	QPSK	36	0	0 mm	bottom	1:1	0.022	1.334	0.029	0.011	0.015	
707.50	141500	Mid	NR Band n12	15	18.90	17.74	Antenna 4	-0.13	0.0	T3Y6XQC446	DFT-S-OFDM	QPSK	1	1	0 mm	right	1:1	0.033	1.306	0.043	0.016	0.021	
707.50	141500	Mid	NR Band n12	15	18.90	17.65	Antenna 4	-0.21	0.0	T3Y6XQC446	DFT-S-OFDM	QPSK	36	0	0 mm	right	1:1	0.032	1.334	0.043	0.015	0.020	
707.50	141500	Mid	NR Band n12	15	18.90	17.74	Antenna 4	0.02	0.0	T3Y6XQC446	DFT-S-OFDM	QPSK	1	-1	0 mm	left	1:1	0.448	1.306	0.585	0.148	0.193	
707.50	141500	Mid	NR Band n12	15	18.90	17.65	Antenna 4	0.03	0.0	T3Y6XQC446	DFT-S-OFDM	QPSK	36	0	0 mm	left	1:1	0.433	1.334	0.578	0.144	0.192	
		ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population													1.6 W/k								
		Uncontrolled Exposure/General Population													averaged	over 1 gra	am						

Table 10-51 NR n5 Antenna 2 Body SAR

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										MEAS	UREMENT R	ESULTS											
FR	EQUENCY	,	Mode	Bandwidth	Maximum Allowed	Conducted	Antenna	Power Drift (dB1	MPR (dB)	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	Ci	h.		[MHz]	Power (dBm)	Power (dBm)	Config	Drift [dB]									Cycle	(Wifeg)		(Wikg)	(Wkg)	(Wifeg)	
836.50	167300	Mid	NR Band n5 (Cell)	20	17.70	17.46	Antenna 2	-0.01	0	N14X7HKHFY	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	0.564	1.057	0.596	0.291	0.308	
836.50	167300	Mid	NR Band n5 (Cell)	20	17.70	17.34	Antenna 2	0.02	0	N14X7HKHFY	DFT-S-OFDM	QPSK	50	0	0 mm	back	1:1	0.677	1.086	0.735	0.298	0.324	
836.50	167300	Mid	NR Band n5 (Cell)	20	17.70	17.29	Antenna 2	0.00	0	N14X7HKHFY	CP-OFDM	QPSK	1	1	0 mm	back	1:1	0.738	1.099	0.809	0.329	0.362	A18
836.50	167300	Mid	NR Band n5 (Cell)	20	17.70	17.46	Antenna 2	0.12	0	N14X7HKHFY	DFT-S-OFDM	QPSK	-1	1	0 mm	top	1:1	0.010	1.057	0.011	0.005	0.005	
836.50	167300	Mid	NR Band n5 (Cell)	20	17.70	17.34	Antenna 2	0.14	0	N14X7HKHFY	DFT-S-OFDM	QPSK	50	0	0 mm	top	1:1	0.010	1.086	0.011	0.005	0.005	
836.50	167300	Mid	NR Band n5 (Cell)	20	17.70	17.46	Antenna 2	0.01	0	N14X7HKHFY	DFT-S-OFDM	QPSK	1	1	0 mm	bottom	1:1	0.437	1.057	0.462	0.221	0.234	
836.50	167300	Mid	NR Band n5 (Cell)	20	17.70	17.34	Antenna 2	0.01	0	N14X7HKHFY	DFT-S-OFDM	QPSK	50	0	0 mm	bottom	1:1	0.463	1.086	0.503	0.238	0.258	
836.50	167300	Mid	NR Band n5 (Cell)	20	17.70	17.46	Antenna 2	0.04	0	N14X7HKHFY	DFT-S-OFDM	QPSK	1	1	0 mm	right	1:1	0.363	1.057	0.384	0.152	0.161	
836.50	167300	Mid	NR Band n5 (Cell)	20	17.70	17.34	Antenna 2	-0.07	0	N14X7HKHFY	DFT-S-OFDM	QPSK	50	0	0 mm	right	1:1	0.366	1.086	0.397	0.158	0.172	
836.50	167300	Mid	NR Band n5 (Cell)	20	17.70	17.46	Antenna 2	0.18	0	N14X7HKHFY	DFT-S-OFDM	QPSK	-1	1	0 mm	left	1:1	0.030	1.057	0.032	0.015	0.016	
836.50	167300	Mid	NR Band n5 (Cell)	20	17.70	17.34	Antenna 2	0.12	0	N14X7HKHFY	DFT-S-OFDM	QPSK	50	0	0 mm	left	1:1	0.032	1.086	0.035	0.016	0.017	
	ANSI / IEEE C95.1 1992 - SAFETY LIMIT										•	•				Body				•			
	Spatial Peak														1.6 W	/kg (mW	/g)						
			Uncontrolled E	xposure/G	eneral Popul	ation			1						average	d over 1	gram						

Table 10-52 NR n5 Antenna 4 Body SAR

														, -									
										MEAS	UREMENT R	ESULTS											
FRI	EQUENCY		Mode	Bandwidth [MHz]	Maximum Allowed	Conducted Power (dBm)	Antenna Config	Power Drift (dB1	MPR [dB]	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	Ci	7		lenezi	Power (dBm)	Power (dbm)	Conng	Dritt (dB)									Cycia	(Wikg)		(Wifeg)	(Wkg)	(Wifeg)	
836.50	167300	Mid	NR Band n5 (Cell)	20	18.80	17.40	Antenna 4	-0.02	0	HGWTR4Q31P	DFT-S-OFDM	QPSK	1	53	0 mm	back	1:1	0.624	1.380	0.861	0.302	0.417	
836.50	167300	Mid	NR Band n5 (Cell)	20	18.80	17.44	Antenna 4	-0.16	0	HGWTR4Q31P	DFT-S-OFDM	QPSK	50	0	0 mm	back	1:1	0.632	1.368	0.865	0.301	0.412	
836.50	167300	Mid	NR Band n5 (Cell)	20	18.80	17.39	Antenna 4	-0.03	0	HGWTR4Q31P	DFT-S-OFDM	QPSK	100	0	0 mm	back	1:1	0.568	1.384	0.786	0.288	0.399	
836.50	167300	Mid	NR Band n5 (Cell)	20	18.80	17.60	Antenna 4	-0.01	0	HGWTR4Q31P	CP-OFDM	QPSK	-1	1	0 mm	back	1:1	0.655	1.318	0.863	0.317	0.418	
836.50	167300	Mid	NR Band n5 (Cell)	20	18.80	17.40	Antenna 4	0.05	0	HGWTR4Q31P	DFT-S-OFDM	QPSK	-1	53	0 mm	top	1:1	0.386	1.380	0.533	0.202	0.279	
836.50	167300	Mid	NR Band n5 (Cell)	20	18.80	17.44	Antenna 4	0.03	0	HGWTR4Q31P	DFT-S-OFDM	QPSK	50	0	0 mm	top	1:1	0.397	1.368	0.543	0.206	0.282	
836.50	167300	Mid	NR Band n5 (Cell)	20	18.80	17.40	Antenna 4	0.03	0	HGWTR4Q31P	DFT-S-OFDM	QPSK	-1	53	0 mm	bottom	1:1	0.010	1.380	0.014	0.004	0.006	
836.50	167300	Mid	NR Band n5 (Cell)	20	18.80	17.44	Antenna 4	0.12	0	HGWTR4Q31P	DFT-S-OFDM	QPSK	50	0	0 mm	bottom	1:1	0.009	1.368	0.012	0.004	0.005	
836.50	167300	Mid	NR Band n5 (Cell)	20	18.80	17.40	Antenna 4	0.11	0	HGWTR4Q31P	DFT-S-OFDM	QPSK	-1	53	0 mm	right	1:1	0.041	1.380	0.057	0.021	0.029	
836.50	167300	Mid	NR Band n5 (Cell)	20	18.80	17.44	Antenna 4	0.13	0	HGWTR4Q31P	DFT-S-OFDM	QPSK	50	0	0 mm	right	1:1	0.040	1.368	0.055	0.021	0.029	
836.50	167300	Mid	NR Band n5 (Cell)	20	18.80	17.40	Antenna 4	0.03	0	HGWTR4Q31P	DFT-S-OFDM	QPSK	-1	53	0 mm	left	1:1	0.420	1.380	0.580	0.186	0.257	
836.50 167300 Mid NR Band n5 (Cell) 20 18.80 17.44 Antenna 4									0	HGWTR4Q31P	DFT-S-OFDM	QPSK	50	0	0 mm	left	1:1	0.409	1.368	0.560	0.180	0.246	
			ANSI / IEEE (MIT										Body							
				Spatial Per												/kg (mW							
			Uncontrolled E	xposure/G	eneral Popul	ation									average	d over 1	gram						

FCC ID: BCGA2568	Proof to be part of selement	SAR EVALUATION REPORT	Approved by: Quality Manager
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Table 10-53 NR n66 Antenna 1b Body SAR

										MEA	SUREMENT I	RESULTS		Ĺ									
	EQUENCY		Mode	Bandwidth [MHz]	Maximum Allowed Power (dBm)	Conducted Power (dBm)	Antenna Config	Power Drift (dB)	MPR [dB]	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Scaling Factor		SAR (10g)	Reported SAR (10g)	Plot#
MHz	CI	١.			Power [dBm]												.,	(Wikg)		(Wilkg)	(W/kg)	(Wikg)	-
1745.00	349000	Mid	NR Band n66 (AWS)	40	12.20	11.37	Antenna 1b	0.10	0.0	F52K46M4N3	DFT-S-OFDM	QPSK	-1	- 1	0 mm	back	1:1	0.717	1.211	0.868	0.285	0.345	
1745.00	349000	Mid	NR Band n66 (AWS)	40	12.20	11.27	Antenna 1b	0.04	0.0	F52K46M4N3	DFT-S-OFDM	QPSK	108	0	0 mm	back	1:1	0.719	1.239	0.891	0.286	0.354	
1745.00	349000	Mid	NR Band n66 (AWS)	40	12.20	11.18	Antenna 1b	-0.02	0.0	F52K46M4N3	DFT-S-OFDM	QPSK	216	0	0 mm	back	1:1	0.690	1.265	0.873	0.279	0.353	
1745.00	349000	Mid	NR Band n66 (AWS)	40	12.20	11.37	Antenna 1b	0.01	0.0	F52K46M4N3	CP-OFDM	QPSK	1	-1	0 mm	back	1:1	0.698	1.211	0.845	0.283	0.343	
1745.00	349000	Mid	NR Band n66 (AWS)	40	12.20	11.37	Antenna 1b	0.19															
1745.00	349000	Mid	NR Band n66 (AWS)	40	12.20	11.27	Antenna 1b	0.17	0.0	F52K46M4N3	DFT-S-OFDM	QPSK	108	0	0 mm	top	1:1	0.002	1.239	0.002	0.000	0.000	
1745.00	349000	Mid	NR Band n66 (AWS)	40	12.20	11.37	Antenna 1b	0.02	0.0	F52K46M4N3	DFT-S-OFDM	QPSK	1	-1	0 mm	bottom	1:1	0.490	1.211	0.593	0.203	0.246	
1745.00	349000	Mid	NR Band n66 (AWS)	40	12.20	11.27	Antenna 1b	0.02	0.0	F52K46M4N3	DFT-S-OFDM	QPSK	108	0	0 mm	bottom	1:1	0.486	1.239	0.602	0.201	0.249	
1745.00	349000	Mid	NR Band n66 (AWS)	40	12.20	11.37	Antenna 1b	0.13	0.0	F52K46M4N3	DFT-S-OFDM	QPSK	1	-1	0 mm	right	1:1	0.016	1.211	0.019	0.007	0.008	
1745.00	349000	Mid	NR Band n66 (AWS)	40	12.20	11.27	Antenna 1b	0.13	0.0	F52K46M4N3	DFT-S-OFDM	QPSK	108	0	0 mm	right	1:1	0.015	1.239	0.019	0.007	0.009	
1745.00	349000	Mid	NR Band n66 (AWS)	40	12.20	11.37	Antenna 1b	0.19	0.0	F52K46M4N3	DFT-S-OFDM	QPSK	1	1	0 mm	left	1:1	0.035	1.211	0.042	0.016	0.019	
1745.00	349000	Mid	NR Band n66 (AWS)	40	12.20	11.27	Antenna 1b	0.12	0.0	F52K46M4N3	DFT-S-OFDM	QPSK	108	0	0 mm	left	1:1	0.033	1.239	0.041	0.015	0.019	
			ANSI / IEEE (Spatial Pe	ak											Body W/kg (m ged over							

Table 10-54 NR n66 Antenna 2 Body SAR

																-							
										MEASU	REMENT RE	SULTS											
FR	EQUENCY		Mode	Bandwidth IMHz1	Maximum Allowed Power	Conducted Power [dBm]	Antenna	Power Drift (dB1	MPR (dB)	Serial Number	Waveform	Modulation	RB Size	RB Offset	Specino	MPR	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	CI	i.		[MHz]	[dBm]	Power [dBm]	Config	Drift [dB]								[dB]	Cycle	(Wikg)		(Wikg)	(Wikg)	(W/kg)	
1745.00	349000	Mid	NR Band n66 (AWS)	40	14.10	13.16	Antenna 2	-0.03	0	YDHKFG44JX	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	0.706	1.242	0.877	0.309	0.384	
1745.00	349000	Mid	NR Band n66 (AWS)	40	14.10	13.17	Antenna 2	-0.06	0	YDHKFG44JX	DFT-S-OFDM	QPSK	108	0	0 mm	back	1:1	0.707	1.239	0.876	0.306	0.379	
1745.00	349000	Mid	NR Band n66 (AWS)	40	14.10	13.06	Antenna 2	-0.03	0	YDHKFG44JX	DFT-S-OFDM	QPSK	216	0	0 mm	back	1:1	0.668	1.271	0.849	0.294	0.374	
1745.00	349000	Mid	NR Band n66 (AWS)	40	14.10	13.15	Antenna 2	0.10	0	YDHKFG44JX	CP-OFDM	QPSK	1	1	0 mm	back	1:1	0.687	1.245	0.855	0.315	0.392	
1745.00	349000	Mid	NR Band n66 (AWS)	40	14.10	13.16	Antenna 2	0.11	0	YDHKFG44JX	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	0.000	1.242	0.000	0.000	0.000	
1745.00	349000	Mid	NR Band n66 (AWS)	40	14.10	13.17	Antenna 2	0.12 0 YDHKFG4UX DFT-S-OFDM QPSK 108 0 0 mm top 1.11 0.002 1.239 0.002 0.001 0.001															
1745.00	349000	Mid	NR Band n66 (AWS)	40	14.10	13.16	Antenna 2	-0.04	0	YDHKFG44JX	DFT-S-OFDM	QPSK	1	1	0 mm	bottom	1:1	0.625	1.242	0.776	0.261	0.324	
1745.00	349000	Mid	NR Band n66 (AWS)	40	14.10	13.17	Antenna 2	-0.03	0	YDHKFG44JX	DFT-S-OFDM	QPSK	108	0	0 mm	bottom	1:1	0.636	1.239	0.788	0.263	0.326	
1745.00	349000	Mid	NR Band n66 (AWS)	40	14.10	13.16	Antenna 2	0.00	0	YDHKFG44JX	DFT-S-OFDM	QPSK	1	1	0 mm	right	1:1	0.607	1.242	0.754	0.232	0.288	
1745.00	349000	Mid	NR Band n66 (AWS)	40	14.10	13.17	Antenna 2	0.01	0	YDHKFG44JX	DFT-S-OFDM	QPSK	108	0	0 mm	right	1:1	0.601	1.239	0.745	0.242	0.300	
1745.00	349000	Mid	NR Band n66 (AWS)	40	14.10	13.16	Antenna 2	0.17	0	YDHKFG44JX	DFT-S-OFDM	QPSK	1	1	0 mm	left	1:1	0.003	1.242	0.004	0.001	0.001	
1745.00	349000	Mid	NR Band n66 (AWS)	40	14.10	13.17	0.18	0	YDHKFG44JX	DFT-S-OFDM	QPSK	108	0	0 mm	left	1:1	0.003	1.239	0.004	0.001	0.001		
		ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak														Body							
															1.6 W/	kg (mW/g							
	Uncontrolled Exposure/General Population														averaged	over 1 g	ram						

Table 10-55 NR n66 Antenna 3b Body SAR

										MEAS	SUREMENT I	RESULTS											
	EQUENCY		Mode	Bandwidth [MHz]	Maximum Allowed	Conducted Power (dBm)	Antenna Config	Power Drift (dB)	MPR [dB]	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Scaling Factor		SAR (10g)	Reported SAR (10g)	Plot#
MHz	CH			famirel	Power [dBm]	rower passing	coming	Dist (uu)									Cycle	(Wikg)		(Wilkg)	(Wkg)	(Wilkg)	
1745.00	349000	Mid	NR Band n66 (AWS)	40	13.20	11.84	Antenna 3b	0.02	0.0	YDHKFG44JX	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	0.646	1.368	0.884	0.269	0.368	
1745.00	349000	Mid	NR Band n66 (AWS)	40	13.20	11.89	Antenna 3b	0.01	0.0	YDHKFG44JX	DFT-S-OFDM	QPSK	108	0	0 mm	back	1:1	0.636	1.352	0.860	0.265	0.358	
1745.00	349000	Mid	NR Band n66 (AWS)	40	13.20	11.79	Antenna 3b	0.01	0.0	YDHKFG44JX	DFT-S-OFDM	QPSK	216	0	0 mm	back	1:1	0.617	1.384	0.854	0.257	0.356	
1745.00	349000	Mid	NR Band n66 (AWS)	40	13.20	11.79	Antenna 3b	-0.03	0.0	YDHKFG44JX	CP-OFDM	QPSK	1	-1	0 mm	back	1:1	0.621	1.384	0.859	0.257	0.356	
1745.00	349000	Mid	NR Band n66 (AWS)	40	13.20	11.84	Antenna 3b	0.03	0.0	YDHKFG44JX	DFT-S-OFDM	QPSK	1	-1	0 mm	top	1:1	0.618	1.368	0.845	0.266	0.364	
1745.00	349000	Mid	NR Band n66 (AWS)	40	13.20	11.89	Antenna 3b	-0.01	0.0	YDHKFG44JX	DFT-S-OFDM	QPSK	108	0	0 mm	top	1:1	0.595	1.352	0.804	0.255	0.345	
1745.00	349000	Mid	NR Band n66 (AWS)	40	13.20	11.79	Antenna 3b	0.03	0.0	YDHKFG44JX	DFT-S-OFDM	QPSK	216	0	0 mm	top	1:1	0.625	1.384	0.865	0.265	0.367	
1745.00	349000	Mid	NR Band n66 (AWS)	40	13.20	11.84	Antenna 3b	0.15	0.0	YDHKFG44JX	DFT-S-OFDM	QPSK	1	-1	0 mm	bottom	1:1	0.010	1.368	0.014	0.003	0.004	
1745.00	349000	Mid	NR Band n66 (AWS)	40	13.20	11.89	Antenna 3b	0.14	0.0	YDHKFG44JX	DFT-S-OFDM	QPSK	108	0	0 mm	bottom	1:1	0.012	1.352	0.016	0.004	0.006	
1745.00	349000	Mid	NR Band n66 (AWS)	40	13.20	11.84	Antenna 3b	-0.10	0.0	YDHKFG44JX	DFT-S-OFDM	QPSK	-1	1	0 mm	right	1:1	0.053	1.368	0.073	0.025	0.034	
1745.00	349000	Mid	NR Band n66 (AWS)	40	13.20	11.89	Antenna 3b	0.08	0.0	YDHKFG44JX	DFT-S-OFDM	QPSK	108	0	0 mm	right	1:1	0.059	1.352	0.080	0.027	0.037	
1745.00	349000	Mid	NR Band n66 (AWS)	40	13.20	11.84	Antenna 3b	0.18	0.0	YDHKFG44JX	DFT-S-OFDM	QPSK	-1	-1	0 mm	left	1:1	0.027	1.368	0.037	0.014	0.019	
1745.00	349000	Mid	NR Band n66 (AWS)	40	13.20	11.89	Antenna 3b	0.14	0.0	YDHKFG44JX	DFT-S-OFDM	QPSK	108	0	0 mm	left	1:1	0.023	1.352	0.031	0.012	0.016	
			ANSI / IEEE	C95.1 1992	- SAFETY LI	MIT										Body							
				Spatial Pe											1.6	W/kg (m	W/g)						
			Uncontrolled E	Exposure/G	eneral Popul	lation								avera	ged over	1 gram							

FCC ID: BCGA2568	PCTEST* Proud to be part of @element	SAR EVALUATION REPORT	Approved by: Quality Manager
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Table 10-56 NR n66 Antenna 4 Body SAR

		T0										
	DULIS	15										
	Modulation I	lodulation RB S	lize RB Offset	Spacing	MPR IdB1	Duty Cycle	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot #
1764.00 200.00 Mol. NR Based AB (AVID) 40 14.30 13.52 America 4 40.00 0 YEMFGHAN DFT-6-CFM					[GB]	Cycle	(Wifeg)		(W/kg)	(W/kg)	(W/kg)	
1746.00 20000 Mal NR Based 406 (AVID) 40 14-30 13-34 America 4 4.07 6 YEMFGHAX DFT-6-OTM	QPSK	QPSK 1	- 1	0 mm	back	1:1	0.702	1.202	0.844	0.313	0.376	
1746.00 20000 Mol. NR Band rd6 (AVIS) 40 14.30 13.50 Americal 4 0.00 0 YDNFGHAX DFT-6-CFDM	QPSK	QPSK 10	8 0	0 mm	back	1:1	0.755	1.197	0.904	0.331	0.396	
176.00 20000 Mol. NR Bard of (1900) 40 14.30 13.32 Americal 4 0.00 0 YEMFGHAX DET-GOTOM	QPSK	QPSK 21	6 0	0 mm	back	1:1	0.689	1.219	0.840	0.310	0.378	
195.00 2000 Maj NR Baser 486 (2000) 40 14.30 13.44 Assume 4 5.14 0 YDMFGHAX DFT-5-CFSM	QPSK	QPSK 1	1	0 mm	top	1:1	0.793	1.202	0.953	0.326	0.392	
176.0 36000 Md NR Band d6 (WS) 40 14.30 13.00 Asserted 0.00 0 YCHFG64X CP-GFM 176.0 36000 Mg NR Band d6 (WS) 40 14.30 13.00 Asserted 0.12 0 YCHFG64X CP-GFM 176.0 36000 Mg NR Band d6 (WS) 40 14.30 13.00 Asserted 0.12 0 YCHFG64X CP-G-GFM 176.0 36000 Mg NR Band d6 (WS) 40 14.30 13.00 Asserted 0.51 0 YCHFG64X CP-G-GFM 176.0 36000 Mg NR Band d6 (WS) 40 14.30 13.00 Asserted 0.55 0 YCHFG64X CP-G-GFM 176.0 36000 Mg NR Band d6 (WS) 40 14.30 13.00 Asserted 0.55 0 YCHFG64X CP-G-GFM 176.0 36000 Mg NR Band d6 (WS) 40 14.30 13.00 Asserted 0.00 0 YCHFG64X CP-G-GFM 176.0 36000 Mg NR Band d6 (WS) 40 14.30 13.00 Asserted 0.00 0 YCHFG64X CP-G-GFM 176.0 36000 Mg NR Band d6 (WS) 40 14.30 13.00 Ms N	QPSK	QPSK 10	8 0	0 mm	top	1:1	0.720	1.197	0.862	0.297	0.356	
176.00 200.00 Mol. NR Based ABD (AVID) 40 14.30 13.50 Americal 5.10 0 YEMFGHAIX DFT-6-CFSM 176.00 200.00 Mol. NR Based ABD (AVID) 40 14.30 13.52 Americal 5.10 0 YEMFGHAIX DFT-6-CFSM 176.00 Mol. NR Based ABD (AVID) 40 14.30 13.50 Americal 5.10 0 YEMFGHAIX DFT-6-CFSM 176.00 Mol. NR Based ABD (AVID) 40 14.30 13.50 Americal 5.10 0 YEMFGHAIX DFT-6-CFSM 176.00 Mol. NR Based ABD (AVID) 40 14.30 13.50 Americal 5.10 0 YEMFGHAIX DFT-6-CFSM 176.00 Mol. NR Based ABD (AVID) 40 14.30 13.50 Americal 5.00 0 YEMFGHAIX DFT-6-CFSM 176.00 Mol. NR Based ABD (AVID) 40 14.30 13.50 Americal 5.00 0 YEMFGHAIX DFT-6-CFSM 176.00 Mol. MR Based ABD (AVID) 40 14.30 13.50 Americal 5.00 0 YEMFGHAIX DFT-6-CFSM 176.00 Mol. MR Based ABD (AVID) 40 14.30 13.50 Americal 5.00 0 YEMFGHAIX DFT-6-CFSM 176.00 Mol. MR Based ABD (AVID) 40 14.30 13.50 Americal 5.00 0 YEMFGHAIX DFT-6-CFSM 176.00 Mol. MR Based ABD (AVID) 40 14.30 13.50 Americal 5.00 0 YEMFGHAIX DFT-6-CFSM 176.00 Mol. MR Based ABD (AVID) 40 43.30 13.50 Americal 5.00 0 YEMFGHAIX DFT-6-CFSM 176.00 Mol. 40 M	QPSK	QPSK 21	6 0	0 mm	top	1:1	0.733	1.219	0.894	0.304	0.371	
176.00 26000 Md NR Band r86 (AVIS) 40 14.30 13.52 Anternal 6.15 0 YDHFG64AX GFT-6-GFDM 176.00 26000 Md NR Band r86 (AVIS) 40 14.30 13.50 Anternal 6.15 0 YDHFG64AX GFT-6-GFDM 176.00 26000 Md NR Band r86 (AVIS) 40 14.30 13.52 Anternal 6.15 0 YDHFG64AX GFT-6-GFDM 176.00 26000 Md NR Band r86 (AVIS) 40 14.30 13.50 Anternal 6.15 0 YDHFG64AX GFT-6-GFDM 176.00 26000 Md NR Band r86 (AVIS) 40 14.30 13.50 Anternal 6.00 0 YDHFG64AX GFT-6-GFDM 176.00 26000 Md NR Band r86 (AVIS) 40 14.30 13.52 Anternal 6.00 0 YDHFG64AX GFT-6-GFDM 176.00 26000 Md NR Band r86 (AVIS) 40 14.30 13.44 Anternal 6.00 0 YDHFG64AX GFT-6-GFDM 176.00 26000 Md NR Band r86 (AVIS) 40 14.30 13.44 Anternal 6.00 0 YDHFG64AX GFT-6-GFDM 176.00 26000 Md NR Band r86 (AVIS) 40 14.30 13.44 Anternal 6.00 0 YDHFG64AX GFT-6-GFDM 176.00 26000	QPSK	QPSK 1	1	0 mm	top	1:1	0.825	1.202	0.992	0.334	0.401	A19
1745.00 26000 Mol NR Bandride (MVD) 40 14.50 13.50 Anternal 6.55 0 YCHHFGHAX DFT-6-CFDM 1745.00 36000 Mol NR Bandride (MVD) 40 14.50 13.50 Anternal 6.05 0 YCHHFGHAX DFT-6-CFDM 1745.00 36000 Mol NR Bandride (MVD) 40 14.50 13.50 Anternal 6.05 0 YCHHFGHAX DFT-6-CFDM 1745.00 36000 Mol NR Bandride (MVD) 40 14.50 13.50 Anternal 6.05 0 YCHHFGHAX DFT-6-CFDM 1745.00 36000 Mol NR Bandride (MVD) 40 14.50 13.50 Anternal 6.05 0 YCHHFGHAX DFT-6-CFDM 1745.00 36000 Mol NR Bandride (MVD) 40 14.50 13.44 Anternal 6.05 0 YCHHFGHAX DFT-6-CFDM 1745.00 36000 Mol NR Bandride (MVD) 40 14.50 13.44 Anternal 6.05 0 YCHHFGHAX DFT-6-CFDM 1745.00 36000 Mol NR Bandride (MVD) 40 14.50 13.44 Anternal 6.05 0 YCHHFGHAX DFT-6-CFDM 1745.00 36000 Mol NR Bandride (MVD) 40 14.50 13.44 Anternal 6.05 0 YCHHFGHAX DFT-6-CFDM 1745.00 36000 Mol NR Bandride (MVD) 40 14.50 13.44 Anternal 6.05 0 YCHHFGHAX DFT-6-CFDM 1745.00 36000 Mol NR Bandride (MVD) 40 14.50 13.44 Anternal 6.05 0 YCHHFGHAX DFT-6-CFDM 1745.00 360000 3	QPSK	QPSK 1	- 1	0 mm	bottom	1:1	0.005	1.202	0.006	0.002	0.002	
176.00 50000 Md NR Band of (2010) 40 14.30 13.00 Abstract 4 0.15 0 YOMFGHAN DET-GOTM 1764.00 S0000 Md NR Band of (2010) 40 14.30 13.00 Abstract 4 0.00 0 YOMFGHAN DET-GOTM 1764.00 S0000 Md NR Band of (2010) 40 14.30 13.00 Abstract 4 0.00 0 YOMFGHAN DET-GOTM 1764.00 S0000 Md NR Band of (2010) 40 14.30 13.00 Abstract 4 0.00 0 YOMFGHAN DET-GOTM 1764.00 S0000 Md NR Band of (2010) 40 14.30 13.44 Abstract 4 0.00 0 YOMFGHAN DET-GOTM	QPSK	QPSK 10	8 0	0 mm	bottom	1:1	0.009	1.197	0.011	0.004	0.005	
1745.00 340000 Md NR Band refit (AVS) 40 14.30 13.50 Anterna 4 0.00 0 YCHHFGHAIX DFT-5-GFDM 1745.00 340000 Md NR Band refit (AVS) 40 14.30 13.52 Anterna 4 0.00 0 YCHHFGHAIX DFT-5-GFDM 1745.00 340000 Md NR Band refit (AVS) 40 14.30 13.44 Anterna 4 0.00 0 YCHHFGHAIX DFT-5-GFDM 1745.00 340000 Md NR Band refit (AVS) 40 14.30 13.44 Anterna 4 0.00 0 YCHHFGHAIX DFT-5-GFDM	QPSK	QPSK 1	- 1	0 mm	right	1:1	0.008	1.202	0.010	0.003	0.004	
1745.00 340000 Md NR Band n66 (WG) 40 14.30 13.52 Arterna 4 0.00 0 YCHFC04AX DFT-0-0FDM 1745.00 340000 Md NR Band n66 (WG) 40 14.30 13.44 Arterna 4 0.00 0 YCHFC04AX DFT-0-0FDM	QPSK	QPSK 10	8 0	0 mm	right	1:1	0.007	1.197	0.008	0.003	0.004	
1745.00 340000 Mid NR Band n66 (AWS) 40 14.30 13.44 Artenna 4 0.02 0 YOHKF044JX DFT-S-OFDM	QPSK	QPSK 1	- 1	0 mm	left	1:1	0.714	1.202	0.858	0.285	0.343	
	QPSK	QPSK 10	8 0	0 mm	left	1:1	0.716	1.197	0.857	0.285	0.341	
1745 00 340000 Mid NR Bond 66 (AWS) 40 14 90 13 50 Amonto 4 000 0 VDHKFG44 IX CP-OFDM	QPSK	QPSK 21	6 0	0 mm	left	1:1	0.708	1.219	0.863	0.282	0.344	
	QPSK	QPSK 1	1	0 mm	top	1:1	0.790	1.202	0.950	0.324	0.389	
ANSI / IEEE CSp. 11922 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					Body kg (mW/g lover 1 g							

Note: Blue entry represents variability measurement.

Table 10-57 NR n25 Antenna 1b Body SAR

										MEAS	UREMENT RE												
FRI	EQUENCY		Mode	Bandwidth [MHz]	Maximum Allowed	Conducted Power (dBm)	Antenna Config	Power Drift (dB)	MPR (dB)	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot #
MHz	CI	١.		leart	Power [dBm]	Fower (damin)	Coming	Dist [da]									Cyca	(Wkg)		(Wkg)	(W/kg)	(W/kg)	$ldsymbol{ld}}}}}$
1882.50	376500	Mid	NR Band n25 (PCS)	40	11.20	11.08	Antenna 1b	-0.10	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	-1	1	0 mm	back	1:1	0.758	1.028	0.779	0.292	0.300	
1882.50	376500	Mid	NR Band n25 (PCS)	40	11.20	10.69	Antenna 1b	-0.12	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	108	0	0 mm	back	1:1	0.670	1.125	0.754	0.279	0.314	
1882.50	376500	Mid	NR Band n25 (PCS)	40	11.20	10.92	Antenna 1b	-0.16	0.0	LQG94JW07G	CP-OFDM	QPSK	1	1	0 mm	back	1:1	0.681	1.067	0.727	0.286	0.305	
1882.50	376500	Mid	NR Band n25 (PCS)	40	11.20	11.08	Antenna 1b	0.11	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	0.008	1.028	0.008	0.001	0.001	
1882.50	376500	Mid	NR Band n25 (PCS)	40	11.20	10.69	Antenna 1b	0.15	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	108	0	0 mm	top	1:1	0.006	1.125	0.007	0.001	0.001	
1882.50	376500	Mid	NR Band n25 (PCS)	40	11.20	11.08	Antenna 1b	0.00	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	1	1	0 mm	bottom	1:1	0.469	1.028	0.482	0.199	0.205	
1882.50	376500	Mid	NR Band n25 (PCS)	40	11.20	10.69	Antenna 1b	-0.04	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	108	0	0 mm	bottom	1:1	0.428	1.125	0.482	0.182	0.205	
1882.50	376500	Mid	NR Band n25 (PCS)	40	11.20	11.08	Antenna 1b	0.13	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	1	1	0 mm	right	1:1	0.019	1.028	0.020	0.008	0.008	
1882.50	376500	Mid	NR Band n25 (PCS)	40	11.20	10.69	Antenna 1b	0.17	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	108	0	0 mm	right	1:1	0.016	1.125	0.018	0.007	0.008	
1882.50	376500	Mid	NR Band n25 (PCS)	40	11.20	11.08	Antenna 1b	-0.15	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	1	1	0 mm	left	1:1	0.039	1.028	0.040	0.018	0.019	
1882.50	376500	Mid	NR Band n25 (PCS)	40	11.20	10.69	Antenna 1b	0.05	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	108	0	0 mm	left	1:1	0.037	1.125	0.042	0.017	0.019	
			ANSI / IEEE C	95.1 1992 -	SAFETY LIN	ш									Во	dy							
				Spatial Pea											1.6 W/kg								
			Uncontrolled Ex	xposure/Ge	neral Popula	ation									averaged o	iver 1 gra	m						

Table 10-58 NR n25 Antenna 2 Body SAR

										MEA	SUREMENT I	RESULTS											
FR	EQUENC	′	Mode	Bandwidth	Maximum Allowed	Conducted	Antenna	Power Drift (dB)	MPR (dB)	Serial Number	Waveform	Modulation	RB Size	RB Offset	Specing	MPR	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot #
MHz	С	h.		[MHz]	Power (dBm)	Power (dBm)	Config	Drift [dB]								[dB]	Cycle	(W/kg)		(Wkg)	(Wikg)	(Wifeg)	
1882.50	376500	Mid	NR Band n25 (PCS)	40	13.80	12.96	Antenna 2	0.03	0	LQG94JW07G	DFT-S-OFDM	QPSK	-1	1	0 mm	back	1:1	0.627	1.213	0.761	0.278	0.337	
1882.50	376500	Mid	NR Band n25 (PCS)	40	13.80	12.86	Antenna 2	0.06	0	LQG94JW07G	DFT-S-OFDM	QPSK	108	108	0 mm	back	1:1	0.539	1.242	0.669	0.240	0.298	
1882.50	376500	Mid	NR Band n25 (PCS)	40	13.80	12.96	Antenna 2															0.002	
1882.50	376500	Mid	NR Band n25 (PCS)	40	13.80	12.86	Antenna 2	0.09	0	LQG94JW07G	DFT-S-OFDM	QPSK	108	108	0 mm	top	1:1	0.005	1.242	0.006	0.001	0.001	
1882.50	376500	Mid	NR Band n25 (PCS)	40	13.80	12.96	Antenna 2	0.15	0	LQG94JW07G	DFT-S-OFDM	0.523	1.213	0.634	0.219	0.266							
1882.50	376500	Mid	NR Band n25 (PCS)	40	13.80	12.86	Antenna 2	0.01	0	LQG94JW07G	DFT-S-OFDM	QPSK	108	108	0 mm	bottom	1:1	0.467	1.242	0.580	0.194	0.241	
1882.50	376500	Mid	NR Band n25 (PCS)	40	13.80	12.96	Antenna 2	0.17	0	LQG94JW07G	DFT-S-OFDM	QPSK	1	1	0 mm	right	1:1	0.670	1.213	0.813	0.260	0.315	
1882.50	376500	Mid	NR Band n25 (PCS)	40	13.80	12.86	Antenna 2	0.03	0	LQG94JW07G	DFT-S-OFDM	QPSK	108	108	0 mm	right	1:1	0.552	1.242	0.686	0.225	0.279	
1882.50	376500	Mid	NR Band n25 (PCS)	40	13.80	12.75	Antenna 2	0.03	0	LQG94JW07G	DFT-S-OFDM	QPSK	216	0	0 mm	right	1:1	0.610	1.274	0.777	0.239	0.304	
1882.50	376500	Mid	NR Band n25 (PCS)	40	13.80	12.98	Antenna 2	0.04	0	LQG94JW07G	CP-OFDM	QPSK	1	1	0 mm	right	1:1	0.640	1.208	0.773	0.251	0.303	
1882.50	376500	Mid	NR Band n25 (PCS)	40	13.80	12.96	Antenna 2	-0.10	0	LQG94JW07G	DFT-S-OFDM	QPSK	1	1	0 mm	left	1:1	0.004	1.213	0.005	0.001	0.001	
1882.50	376500	Mid	NR Band n25 (PCS)	40	13.80	12.86	Antenna 2	0.13	0	LQG94JW07G	DFT-S-OFDM	QPSK	108	108	0 mm	left	1:1	0.001	1.242	0.001	0.000	0.000	
			ANSI / IEEE (Spatial Pe	ak											Body /kg (mW d over 1							

FCC ID: BCGA2568	PCTEST* Proud to be part of referenced	SAR EVALUATION REPORT	Approved by: Quality Manager
Document S/N:	Test Dates:	DUT Type:	Daga 160 of 201
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Table 10-59 NR n25 Antenna 3b Body SAR

										MEAS	SUREMENT R	ESULTS											
FRI	EQUENCY		Mode	Bandwidth (MHz1	Maximum Allowed	Conducted Power IdBml	Antenna Config	Power Drift (dB)	MPR (dB)	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	C	L.		,a	Power (dBm)	, ,											-,	(W/kg)		(Wkg)	(W/kg)	(Wikg)	
1882.50	376500	Mid	NR Band n25 (PCS)	40	12.50	11.28	Antenna 3b	-0.08	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	0.577	1.324	0.764	0.239	0.316	
1882.50	376500	Mid	NR Band n25 (PCS)	40	12.50	11.20	Antenna 3b	-0.03	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	108	0	0 mm	back	1:1	0.553	1.349	0.746	0.227	0.306	
1882.50	376500	Mid	NR Band n25 (PCS)	40	12.50	11.28	Antenna 3b	0.01	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	0.580	1.324	0.741	0.235	0.311	
1882.50	376500	Mid	NR Band n25 (PCS)	40	12.50	11.20	Antenna 3b	-0.05	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	108	0	0 mm	top	1:1	0.583	1.349	0.786	0.245	0.331	
1882.50	376500	Mid	NR Band n25 (PCS)	40	12.50	11.29	Antenna 3b	0.03	0.0	LQG94JW07G	CP-OFDM	QPSK	1	1	0 mm	top	1:1	0.581	1.321	0.768	0.243	0.321	
1882.50	376500	Mid	NR Band n25 (PCS)	40	12.50	11.28	Antenna 3b	0.11	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	1	-	0 mm	bottom	1:1	0.003	1.324	0.004	0.001	0.001	
1882.50	376500	Mid	NR Band n25 (PCS)	40	12.50	11.20	Antenna 3b	0.14	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	108	0	0 mm	bottom	1:1	0.004	1.349	0.005	0.001	0.001	
1882.50	376500	Mid	NR Band n25 (PCS)	40	12.50	11.28	Antenna 3b	0.12	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	1	1	0 mm	right	1:1	0.042	1.324	0.056	0.019	0.025	
1882.50	376500	Mid	NR Band n25 (PCS)	40	12.50	11.20	Antenna 3b	0.12	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	108	0	0 mm	right	1:1	0.042	1.349	0.057	0.018	0.024	
1882.50	376500	Mid	NR Band n25 (PCS)	40	12.50	11.28	Antenna 3b	0.09	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	1	1	0 mm	left	1:1	0.013	1.324	0.017	0.006	0.008	
1882.50	376500	Mid	NR Band n25 (PCS)	40	12.50	11.20	Antenna 3b	-0.11	0.0	LQG94JW07G	DFT-S-OFDM	QPSK	108	0	0 mm	left	1:1	0.014	1.349	0.019	0.006	0.008	
			ANSI / IEEE C	95.1 1992 -	SAFETY LIN	ш									В	ody							
				Spatial Pea												g (mW/g							
			Uncontrolled E:	xposure/Ge	enerai Popula	ation									averaged	over 1 gr	am						

Table 10-60 NR n25 Antenna 4 Body SAR

											•			,									
										MEA	SUREMENT	RESULTS											
FR	EQUENCY		Mode	Bandwidth (MHz)	Maximum Allowed	Conducted Power (dBm)	Antenna Config	Power Drift (dB1	MPR (dB)	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	MPR (dB)	Duty Cycle	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	CH	١.		[serviz]	Power (dBm)	Power (dbm)	Conng	Drift (GB)								[ab]	Cycle	(W/kg)		(Wikg)	(W/kg)	(W/kg)	
1882.50	376500	Mid	NR Band n25 (PCS)	40	14.00	13.24	Antenna 4	0.05	0	D6WL24FM99	DFT-S-OFDM	QPSK	-1	1	0 mm	back	1:1	0.726	1.191	0.865	0.331	0.394	
1882.50	376500	Mid	NR Band n25 (PCS)	40	14.00	13.16	Antenna 4	-0.09	0	D6WL24FM99	DFT-S-OFDM	QPSK	108	0	0 mm	back	1:1	0.748	1.213	0.907	0.322	0.391	
1882.50	376500	Mid	NR Band n25 (PCS)	40	14.00	13.12	Antenna 4	0.15	0	D6WL24FM99	DFT-S-OFDM	QPSK	216	0	0 mm	back	1:1	0.718	1.225	0.880	0.313	0.383	
1882.50	376500	Mid	NR Band n25 (PCS)	40	14.00	13.24	Antenna 4	0.03	0	D6WL24FM99	DFT-S-OFDM	QPSK	-1	1	0 mm	top	1:1	0.733	1.191	0.873	0.301	0.358	
1882.50	376500	Mid	NR Band n25 (PCS)	40	14.00	13.16	Antenna 4	0.08	0	D6WL24FM99	DFT-S-OFDM	QPSK	108	0	0 mm	top	1:1	0.665	1.213	0.807	0.276	0.335	
1882.50	376500	Mid	NR Band n25 (PCS)	40	14.00	13.12	Antenna 4	0.10	0	D6WL24FM99	DFT-S-OFDM	QPSK	216	0	0 mm	top	1:1	0.687	1.225	0.842	0.285	0.349	
1882.50	376500	Mid	NR Band n25 (PCS)	40	14.00	13.24	Antenna 4	0.16	0	D6WL24FM99	DFT-S-OFDM	QPSK	-1	1	0 mm	bottom	1:1	0.009	1.191	0.011	0.002	0.002	
1882.50	376500	Mid	NR Band n25 (PCS)	40	14.00	13.16	Antenna 4	0.11	0	D6WL24FM99	DFT-S-OFDM	QPSK	108	0	0 mm	bottom	1:1	0.001	1.213	0.001	0.000	0.000	
1882.50	376500	Mid	NR Band n25 (PCS)	40	14.00	13.24	Antenna 4	-0.15	0	D6WL24FM99	DFT-S-OFDM	QPSK	1	1	0 mm	right	1:1	0.001	1.191	0.001	0.000	0.000	
1882.50	376500	Mid	NR Band n25 (PCS)	40	14.00	13.16	Antenna 4	-0.11	0	D6WL24FM99	DFT-S-OFDM	QPSK	108	0	0 mm	right	1:1	0.000	1.213	0.000	0.000	0.000	
1882.50	376500	Mid	NR Band n25 (PCS)	40	14.00	13.24	Antenna 4	-0.03	0	D6WL24FM99	DFT-S-OFDM	QPSK	-1	1	0 mm	left	1:1	0.806	1.191	0.960	0.325	0.387	A20
1882.50	376500	Mid	NR Band n25 (PCS)	40	14.00	13.16	Antenna 4	-0.03	0	D6WL24FM99	DFT-S-OFDM	QPSK	108	0	0 mm	left	1:1	0.633	1.213	0.768	0.264	0.320	
1882.50	376500	Mid	NR Band n25 (PCS)	40	14.00	13.12	Antenna 4	0.00	0	D6WL24FM99	DFT-S-OFDM	QPSK	216	0	0 mm	left	1:1	0.635	1.225	0.778	0.264	0.323	
1882.50	376500	Mid	NR Band n25 (PCS)	40	14.00	13.20	Antenna 4	-0.03	0	D6WL24FM99	CP-OFDM	QPSK	1	1	0 mm	left	1:1	0.636	1.202	0.764	0.271	0.326	
			ANSI / IEEE C	95.1 1992 - Spatial Per		MIT										Body /kg (mW	(a)						
			Uncontrolled E			ation										d over 1							

Table 10-61 NR n30 Antenna 1b Body SA

										мга	SURFMENT	DECI TO											
										MEA	SUREMENT	RESULIS											
	EQUENCY		Mode	Bandwidth (MHz)	Maximum Allowed	Conducted Power (dBm)	Antenna Config	Power Drift (dB1	MPR [dB]	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty		Scaling Factor		SAR (10g)	Reported SAR (10g)	Plot#
MHz	Ch	Ē		(MPTZ)	Power (dBm)	Power (opm)	Comig	Dust (op)									Суся	(Wikg)		(W/kg)	(Wikg)	(Wkg)	
2310.00	462000	Mid	NR Band n30	10	12.30	11.86	Antenna 1b	-0.02	0	YDHKFG44JX	DFT-S-OFDM	QPSK	-1	50	0 mm	back	1:1	0.661	1.107	0.732	0.231	0.256	
2310.00	462000	Mid	NR Band n30	10	12.30	11.87	Antenna 1b	0.02	0	YDHKFG44JX	DFT-S-OFDM	QPSK	25	27	0 mm	back	1:1	0.676	1.104	0.746	0.236	0.261	
2310.00	462000	Mid	NR Band n30	10	12.30	11.81	Antenna 1b	0.06	0	YDHKFG44JX	CP-OFDM	QPSK	1	-1	0 mm	back	1:1	0.679	1.119	0.760	0.238	0.266	
2310.00	462000	Mid	NR Band n30	10	12.30	11.86	Antenna 1b	-0.13	0	YDHKFG44JX	DFT-S-OFDM	QPSK	1	50	0 mm	top	1:1	0.000	1.107	0.000	0.000	0.000	
2310.00	462000	Mid	NR Band n30	10	12.30	11.87	Antenna 1b	0.11	0	YDHKFG44JX	DFT-S-OFDM	QPSK	25	27	0 mm	top	1:1	0.000	1.104	0.000	0.000	0.000	
2310.00	462000	Mid	NR Band n30	10	12.30	11.86	Antenna 1b	-0.11	0	YDHKFG44JX	DFT-S-OFDM	QPSK	1	50	0 mm	bottom	1:1	0.500	1.107	0.554	0.169	0.187	
2310.00	462000	Mid	NR Band n30	10	12.30	11.87	Antenna 1b	-0.01	0	YDHKFG44JX	DFT-S-OFDM	QPSK	25	27	0 mm	bottom	1:1	0.510	1.104	0.563	0.172	0.190	
2310.00	462000	Mid	NR Band n30	10	12.30	11.86	Antenna 1b	0.12	0	YDHKFG44JX	DFT-S-OFDM	QPSK	1	50	0 mm	right	1:1	0.006	1.107	0.007	0.002	0.002	
2310.00	462000	Mid	NR Band n30	10	12.30	11.87	Antenna 1b	0.17	0	YDHKFG44JX	DFT-S-OFDM	QPSK	25	27	0 mm	right	1:1	0.007	1.104	0.008	0.002	0.002	
2310.00	462000	Mid	NR Band n30	10	12.30	11.86	Antenna 1b	-0.04	0	YDHKFG44JX	DFT-S-OFDM	QPSK	1	50	0 mm	left	1:1	0.025	1.107	0.028	0.010	0.011	
2310.00	462000	Mid	NR Band n30	10	12.30	11.87	Antenna 1b	0.12	0	YDHKFG44JX	DFT-S-OFDM	QPSK	25	27	0 mm	left	1:1	0.026	1.104	0.029	0.010	0.011	
			ANSI / IEEE	C95.1 1992 Spatial P	- SAFETY L	IMIT									464	Body V/kg (mV							
			Uncontrolled			.deeless										v/kg (mv ed over 1							
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Table 10-62 NR n30 Antenna 2 Body SAR

														,									
										MEA	SUREMENT	RESULTS											
FRE	QUENCY		Mode	Bandwidth [MHz]	Maximum Allowed Power	Conducted Power (dBm)	Antenna Config	Power Drift (dB)	MPR (dB)	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	MPR [dB]	Duty Cycle	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	ä	h.		(senz)	(dBm)	Power (asm)	Conng	Drift (db)								[ab]	Cycie	(W/kg)		(Wilkg)	(Wkg)	(Wkg)	ш
2310.00	462000	Mid	NR Band n30	10	13.20	12.32	Antenna 2	-0.02	0	HGWTR4Q31P	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	0.734	1.225	0.899	0.298	0.365	
2310.00	462000	Mid	NR Band n30	10	13.20	12.25	Antenna 2	-0.05	0	HGWTR4Q31P	DFT-S-OFDM	QPSK	25	14	0 mm	back	1:1	0.709	1.245	0.883	0.285	0.355	
2310.00	462000	Mid	NR Band n30	10	13.20	12.22	Antenna 2	0.01	0	HGWTR4Q31P	DFT-S-OFDM	QPSK	50	0	0 mm	back	1:1	0.715	1.253	0.896	0.287	0.360	
2310.00	462000	Mid	NR Band n30	10	13.20	12.27	Antenna 2	-0.06	0	HGWTR4Q31P	CP-OFDM	QPSK	1	1	0 mm	back	1:1	0.709	1.239	0.878	0.283	0.351	
2310.00	462000	Mid	NR Band n30	10	13.20	12.32	Antenna 2	0.13	0	HGWTR4Q31P	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	0.000	1.225	0.000	0.000	0.000	
2310.00	462000	Mid	NR Band n30	10	13.20	12.25	Antenna 2	0.13	0	HGWTR4Q31P	DFT-S-OFDM	QPSK	25	14	0 mm	top	1:1	0.001	1.245	0.001	0.000	0.000	
2310.00	462000	Mid	NR Band n30	10	13.20	12.32	Antenna 2	-0.02	0	HGWTR4Q31P	DFT-S-OFDM	QPSK	-1	-1	0 mm	pottom	1:1	0.454	1.225	0.556	0.161	0.197	
2310.00	462000	Mid	NR Band n30	10	13.20	12.25	Antenna 2	-0.02	0	HGWTR4Q31P	DFT-S-OFDM	QPSK	25	14	0 mm	bottom	1:1	0.430	1.245	0.535	0.152	0.189	
2310.00	462000	Mid	NR Band n30	10	13.20	12.32	Antenna 2	-0.09	0	HGWTR4Q31P	DFT-S-OFDM	QPSK	-1	-1	0 mm	right	1:1	0.540	1.225	0.662	0.208	0.255	
2310.00	462000	Mid	NR Band n30	10	13.20	12.25	Antenna 2	0.04	0	HGWTR4Q31P	DFT-S-OFDM	QPSK	25	14	0 mm	right	1:1	0.654	1.245	0.814	0.236	0.294	
2310.00	462000	Mid	NR Band n30	10	13.20	12.22	Antenna 2	-0.04	0	HGWTR4Q31P	DFT-S-OFDM	QPSK	50	0	0 mm	right	1:1	0.629	1.253	0.788	0.234	0.293	
2310.00	462000	Mid	NR Band n30	10	13.20	12.32	Antenna 2	0.11	0	HGWTR4Q31P	DFT-S-OFDM	QPSK	1	1	0 mm	left	1:1	0.002	1.225	0.002	0.000	0.000	
2310.00	462000	Mid	NR Band n30	10	13.20	12.25	Antenna 2	-0.11	0	HGWTR4Q31P	DFT-S-OFDM	QPSK	25	14	0 mm	left	1:1	0.002	1.245	0.002	0.000	0.000	
			ANSI / IEEE		2 - SAFETY LI	MIT										Body							
			Uncontrolled	Spatial P												/kg (mW	07						
			Uncontrolled	Exposure	General Popu	MUOTI									average	a over 1	gram						

Table 10-63 NR n30 Antenna 3b Body SAR

														,									
										MEA	SUREMENT	RESULTS											
	QUENCY		Mode	Bandwidth (MHz)	Maximum Allowed	Conducted Power (dBm)	Antenna Config	Power Drift (dB)	MPR (dB)	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	cı	١.		(mark)	Power (dBm)	Fower (somi)	comig	Dist [00]									Cycle	(W.fkg)		(W/kg)	(W/kg)	(Wilkg)	
2310.00	462000	Mid	NR Band n30	10	14.40	13.42	Antenna 3b	0.00	0	T3Y6XQC446	DFT-S-OFDM	QPSK	-1	50	0 mm	back	1:1	0.726	1.253	0.910	0.262	0.328	
2310.00	462000	Mid	NR Band n30	10	14.40	13.41	Antenna 3b	-0.04	0	T3Y6XQC446	DFT-S-OFDM	QPSK	25	27	0 mm	back	1:1	0.709	1.256	0.891	0.258	0.324	
2310.00	462000	Mid	NR Band n30	10	14.40	13.36	Antenna 3b	-0.01	0	T3Y6XQC446	DFT-S-OFDM	QPSK	50	0	0 mm	back	1:1	0.687	1.271	0.873	0.249	0.316	
2310.00	462000	Mid	NR Band n30	10	14.40	13.51	Antenna 3b	-0.06	0	T3Y6XQC446	CP-OFDM	QPSK	1	-1	0 mm	back	1:1	0.658	1.227	0.807	0.239	0.293	
2310.00	462000	Mid	NR Band n30	10	14.40	13.42	Antenna 3b	0.02	0	T3Y6XQC446	DFT-S-OFDM	QPSK	1	50	0 mm	top	1:1	0.664	1.253	0.832	0.239	0.299	
2310.00	462000	Mid	NR Band n30	10	14.40	13.41	Antenna 3b	0.04	0	T3Y6XQC446	DFT-S-OFDM	QPSK	25	27	0 mm	top	1:1	0.666	1.256	0.836	0.237	0.298	
2310.00	462000	Mid	NR Band n30	10	14.40	13.36	Antenna 3b	-0.02	0	T3Y6XQC446	DFT-S-OFDM	QPSK	50	0	0 mm	top	1:1	0.653	1.271	0.830	0.236	0.300	
2310.00	462000	Mid	NR Band n30	10	14.40	13.42	Antenna 3b	0.12	0	T3Y6XQC446	DFT-S-OFDM	QPSK	-1	50	0 mm	bottom	1:1	0.000	1.253	0.000	0.000	0.000	
2310.00	462000	Mid	NR Band n30	10	14.40	13.41	Antenna 3b	0.12	0	T3Y6XQC446	DFT-S-OFDM	QPSK	25	27	0 mm	bottom	1:1	0.000	1.256	0.000	0.000	0.000	
2310.00	462000	Mid	NR Band n30	10	14.40	13.42	Antenna 3b	0.02	0	T3Y6XQC446	DFT-S-OFDM	QPSK	1	50	0 mm	right	1:1	0.026	1.253	0.033	0.011	0.014	
2310.00	462000	Mid	NR Band n30	10	14.40	13.41	Antenna 3b	0.13	0	T3Y6XQC446	DFT-S-OFDM	QPSK	25	27	0 mm	right	1:1	0.029	1.256	0.036	0.012	0.015	
2310.00	462000	Mid	NR Band n30	10	14.40	13.42	Antenna 3b	0.13	0	T3Y6XQC446	DFT-S-OFDM	QPSK	1	50	0 mm	left	1:1	0.022	1.253	0.028	0.008	0.010	
2310.00	462000	Mid	NR Band n30	10	14.40	13.41	Antenna 3b	0.16	0	T3Y6XQC446	DFT-S-OFDM	QPSK	25	27	0 mm	left	1:1	0.022	1.256	0.028	0.009	0.011	
			ANSI / IEEE	C95.1 1993 Spatial P	2 - SAFETY L	IMIT										Body V/ka (mV							
																	- 01						
			Uncontrolled	Exposure/	General Pop	ulation									averag	ed over 1	gram						

Table 10-64 NR n30 Antenna 4 Body SAR

										MEA	SUREMENT	RESULTS											
FRI	EQUENCY		Mode	Bandwidth	Maximum Allowed Power	Conducted	Antenna	Power	MPR (dB)	Serial Number	Waveform	Modulation	RR Sire	RB Offset	Spacing	MPR	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	cı	h.		[MHz]	(dBm)	Power (dBm)	Config	Drift (dB)							.,	[dB]	Cycle	(W/kg)		(Wikg)	(Wkg)	(Wkg)	
2310.00	462000	Mid	NR Band n30	10	14.20	13.34	Antenna 4	0.01	0	MHFY65WKTX	DFT-S-OFDM	QPSK	-1	26	0 mm	back	1:1	0.758	1.219	0.924	0.307	0.374	A21
2310.00	462000	Mid	NR Band n30	10	14.20	13.30	Antenna 4	-0.04	0	MHFY65WKTX	DFT-S-OFDM	QPSK	25	14	0 mm	back	1:1	0.732	1.230	0.900	0.298	0.367	
2310.00	462000	Mid	NR Band n30	10	14.20	13.22	Antenna 4	-0.03	0	MHFY65WKTX	DFT-S-OFDM	QPSK	50	0	0 mm	back	1:1	0.710	1.253	0.890	0.290	0.363	
2310.00	462000	Mid	NR Band n30	10	14.20	13.18	Antenna 4	0.01	0	MHFY65WKTX	CP-OFDM	QPSK	-1	-1	0 mm	back	1:1	0.727	1.265	0.920	0.298	0.377	
2310.00	462000	Mid	NR Band n30	10	14.20	13.34	Antenna 4	-0.08	0	MHFY65WKTX	DFT-S-OFDM	QPSK	-1	26	0 mm	top	1:1	0.538	1.219	0.656	0.216	0.263	
2310.00	462000	Mid	NR Band n30	10	14.20	13.30	Antenna 4	-0.11	0	MHFY65WKTX	DFT-S-OFDM	QPSK	25	14	0 mm	top	1:1	0.503	1.230	0.619	0.203	0.250	
2310.00	462000	Mid	NR Band n30	10	14.20	13.34	Antenna 4	0.17	0	MHFY65WKTX	DFT-S-OFDM	QPSK	-1	26	0 mm	bottom	1:1	0.002	1.219	0.002	0.000	0.000	
2310.00	462000	Mid	NR Band n30	10	14.20	13.30	Antenna 4	0.16	0	MHFY65WKTX	DFT-S-OFDM	QPSK	25	14	0 mm	bottom	1:1	0.002	1.230	0.002	0.000	0.000	
2310.00	462000	Mid	NR Band n30	10	14.20	13.34	Antenna 4	0.16	0	MHFY65WKTX	DFT-S-OFDM	QPSK	1	26	0 mm	right	1:1	0.002	1.219	0.002	0.000	0.000	
2310.00	462000	Mid	NR Band n30	10	14.20	13.30	Antenna 4	0.11	0	MHFY65WKTX	DFT-S-OFDM	QPSK	25	14	0 mm	right	1:1	0.001	1.230	0.001	0.000	0.000	
2310.00	462000	Mid	NR Band n30	10	14.20	13.34	Antenna 4	0.05	0	MHFY65WKTX	DFT-S-OFDM	QPSK	-1	26	0 mm	left	1:1	0.635	1.219	0.774	0.246	0.300	
2310.00	462000	Mid	NR Band n30	10	14.20	13.30	Antenna 4	0.05	0	MHFY65WKTX	DFT-S-OFDM	QPSK	25	14	0 mm	left	1:1	0.722	1.230	0.888	0.274	0.337	
2310.00	462000	Mid	NR Band n30	10	14.20	13.22	Antenna 4	-0.06	0	MHFY65WKTX	DFT-S-OFDM	QPSK	50	0	0 mm	left	1:1	0.705	1.253	0.883	0.270	0.338	
			ANSI / IEEE	C95.1 1992 Spatial P	- SAFETY LI	MIT										Body /ka (mW	(a)						
			Uncontrolled			lation									average								

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Table 10-65 NR n7 Antenna 1b Body SAR

										ME	ASUREMENT	RESULTS											
FR	EQUENCY		Mode	Bandwidth [MHz]	Maximum Allowed	Conducted Power (dBm)	Antenna Config	Power Drift (dB1	MPR (dB)	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	MPR (dB)	Duty Cycle	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	CI	١.		[MHZ]	Power (dBm)	Power [dBm]	Config	Drift [dB]								[dB]	Cycle	(W/kg)		(Wikg)	(Wikg)	(Wikg)	
2535.00	507000	Mid	NR Band n7	40	13.0	12.09	Antenna 1b	-0.02	0	MHFY65WKTX	DFT-S-OFDM	QPSK	-1	108	0 mm	back	1:1	0.694	1.233	0.856	0.225	0.277	
2535.00	507000	Mid	NR Band n7	40	13.0	12.11	Antenna 1b	-0.15	0	MHFY65WKTX	DFT-S-OFDM	QPSK	108	108	0 mm	back	1:1	0.704	1.227	0.864	0.226	0.277	
2535.00	507000	Mid	NR Band n7	40	13.0	12.06	Antenna 1b	-0.11	0	MHFY65WKTX	DFT-S-OFDM	QPSK	216	0	0 mm	back	1:1	0.707	1.242	0.878	0.229	0.284	
2535.00	507000	Mid	NR Band n7	40	13.0	11.92	Antenna 1b	-0.16	0	MHFY65WKTX	CP-OFDM	QPSK	-1	1	0 mm	back	1:1	0.682	1.282	0.874	0.226	0.290	
2535.00	507000	Mid	NR Band n7	40	13.0	12.09	Antenna 1b	-0.06	0	MHFY65WKTX	DFT-S-OFDM	QPSK	1	108	0 mm	top	1:1	0.027	1.233	0.033	0.008	0.010	
2535.00	507000	Mid	NR Band n7	40	13.0	12.11	Antenna 1b	0.04	0	MHFY65WKTX	DFT-S-OFDM	QPSK	108	108	0 mm	top	1:1	0.024	1.227	0.029	0.008	0.010	
2535.00	507000	Mid	NR Band n7	40	13.0	12.09	Antenna 1b	-0.04	0	MHFY65WKTX	DFT-S-OFDM	QPSK	-1	108	0 mm	bottom	1:1	0.609	1.233	0.751	0.201	0.248	
2535.00	507000	Mid	NR Band n7	40	13.0	12.11	Antenna 1b	0.12	0	MHFY65WKTX	DFT-S-OFDM	QPSK	108	108	0 mm	bottom	1:1	0.611	1.227	0.750	0.201	0.247	
2535.00	507000	Mid	NR Band n7	40	13.0	12.09	Antenna 1b	0.17	0	MHFY65WKTX	DFT-S-OFDM	QPSK	-1	108	0 mm	right	1:1	0.027	1.233	0.033	0.010	0.012	
2535.00	507000	Mid	NR Band n7	40	13.0	12.11	Antenna 1b	0.06	0	MHFY65WKTX	DFT-S-OFDM	QPSK	108	108	0 mm	right	1:1	0.024	1.227	0.029	0.009	0.011	
2535.00	507000	Mid	NR Band n7	40	13.0	12.09	Antenna 1b	-0.10	0	MHFY65WKTX	DFT-S-OFDM	QPSK	-1	108	0 mm	left	1:1	0.028	1.233	0.035	0.011	0.014	
2535.00	507000	Mid	NR Band n7	40	13.0	12.11	Antenna 1b	-0.08	0	MHFY65WKTX	DFT-S-OFDM	QPSK	108	108	0 mm	left	1:1	0.028	1.227	0.034	0.012	0.015	
			ANSI / IEEE		- SAFETY L	IMIT										lody							
				Spatial P												kg (mW/							
			Uncontrolled	Exposure/0	Seneral Popu	ulation			1						averaged	over 1 g	ram						

Table 10-66 NR n7 Antenna 2 Body SAR

														_					-	-		-	
										ME	ASUREMENT	RESULTS											
FRE	QUENCY		Mode	Bandwidth	Maximum	Conducted	Antenna	Power	MPR (dB)	Serial Number	Waveform	Modulation	RR Sire	RB Offset	Spacing	MPR	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	CH	L	MODE	(MHz)	Power [dBm]	Power (dBm)	Config	Drift [dB]	MPR (DD)	Serial Number	waveterm	Modulation	KB Size	KB Offset	spacing	[dB]	Cycle	(W/kg)	Scaling Pactor	(W/kg)	(Wilkg)	(Wikg)	Plote
2535.00	507000	Mid	NR Band n7	40	11.80	11.42	Antenna 2	-0.02	0	LQG94JW07G	DFT-S-OFDM	QPSK	-1	1	0 mm	back	1:1	0.703	1.091	0.767	0.276	0.301	
2535.00	507000	Mid	NR Band n7	40	11.80	11.28	Antenna 2	0.07	0	LQG94JW07G	DFT-S-OFDM	QPSK	108	108	0 mm	back	1:1	0.784	1.127	0.884	0.292	0.329	
2535.00	507000	Mid	NR Band n7	40	11.80	11.25	Antenna 2	0.05	0	LQG94JW07G	DFT-S-OFDM	QPSK	216	0	0 mm	back	1:1	0.786	1.135	0.892	0.294	0.334	
2535.00	507000	Mid	NR Band n7	40	11.80	11.39	Antenna 2	-0.06	0	LQG94JW07G	CP-OFDM	QPSK	1	1	0 mm	back	1:1	0.750	1.099	0.824	0.282	0.310	
2535.00	507000	Mid	NR Band n7	40	11.80	11.42	Antenna 2	-0.13	0	LQG94JW07G	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	0.012	1.091	0.013	0.003	0.003	
2535.00	507000	Mid	NR Band n7	40	11.80	11.28	Antenna 2	0.13	0	LQG94JW07G	DFT-S-OFDM	QPSK	108	108	0 mm	top	1:1	0.009	1.127	0.010	0.002	0.002	
2535.00	507000	Mid	NR Band n7	40	11.80	11.42	Antenna 2	0.00	0	LQG94JW07G	DFT-S-OFDM	QPSK	1	-1	0 mm	bottom	1:1	0.555	1.091	0.606	0.198	0.216	
2535.00	507000	Mid	NR Band n7	40	11.80	11.28	Antenna 2	0.03	0	LQG94JW07G	DFT-S-OFDM	QPSK	108	108	0 mm	bottom	1:1	0.556	1.127	0.627	0.197	0.222	
2535.00	507000	Mid	NR Band n7	40	11.80	11.42	Antenna 2	0.01	0	LQG94JW07G	DFT-S-OFDM	QPSK	1	-1	0 mm	right	1:1	0.608	1.091	0.663	0.217	0.237	
2535.00	507000	Mid	NR Band n7	40	11.80	11.28	Antenna 2	-0.09	0	LQG94JW07G	DFT-S-OFDM	QPSK	108	108	0 mm	right	1:1	0.663	1.127	0.747	0.231	0.260	
2535.00	507000	Mid	NR Band n7	40	11.80	11.42	Antenna 2	0.14	0	LQG94JW07G	DFT-S-OFDM	QPSK	-1	1	0 mm	left	1:1	0.011	1.091	0.012	0.003	0.003	
2535.00	507000	Mid	NR Band n7	40	11.80	11.28	Antenna 2	-0.14	0	LQG94JW07G	DFT-S-OFDM	QPSK	108	108	0 mm	left	1:1	0.006	1.127	0.007	0.000	0.000	
			ANSI / IEEE	C95.1 1992 Spatial Po	- SAFETY LI	MIT										Body /kg (mW	m)						
			Uncontrolled			lation										d over 1							

Table 10-67 NR n7 Antenna 3b Body SAR

														-									
										ME	ASUREMENT	RESULTS											
	QUENCY		Mode	Bandwidth [MHz]	Maximum Allowed	Conducted Power (dBm)	Antenna Config	Power Drift (dB1	MPR (dB)	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	MPR (dB)	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAC (10g)	Reported SAR (10g)	Plot#
MHz	CH	١.		(autz)	Power [dBm]	Fower (dam)	coming	Drint [GBJ]					_	_		[uu]	Cycle	(W/kg)		(Wifeg)	(W/kg)	(W/kg)	_
2535.00	507000	Mid	NR Band n7	40	14.7	13.39	Antenna 3b	0.02	0	QW4VQVVC2F	DFT-S-OFDM	QPSK	1	108	0 mm	back	1:1	0.592	1.352	0.800	0.213	0.288	
2535.00	507000	Mid	NR Band n7	40	14.7	13.37	Antenna 3b	0.02	0	QW4VQVVC2F	DFT-S-OFDM	QPSK	108	54	0 mm	back	1:1	0.579	1.358	0.786	0.209	0.284	
2535.00	507000	Mid	NR Band n7	40	14.7	13.36	Antenna 3b	-0.03	0	QW4VQVVC2F	DFT-S-OFDM	QPSK	216	0	0 mm	back	1:1	0.530	1.361	0.721	0.191	0.260	
2535.00	507000	Mid	NR Band n7	40	14.7	13.39	Antenna 3b	0.07	0	QW4VQVVC2F	DFT-S-OFDM	QPSK	1	108	0 mm	top	1:1	0.629	1.352	0.850	0.215	0.291	
2535.00	507000	Mid	NR Band n7	40	14.7	13.37	Antenna 3b	0.04	0	QW4VQVVC2F	DFT-S-OFDM	QPSK	108	54	0 mm	top	1:1	0.631	1.358	0.857	0.214	0.291	
2535.00	507000	Mid	NR Band n7	40	14.7	13.36	Antenna 3b	-0.01	0	QW4VQVVC2F	DFT-S-OFDM	QPSK	216	0	0 mm	top	1:1	0.655	1.361	0.891	0.222	0.302	
2535.00	507000	Mid	NR Band n7	40	14.7	13.38	Antenna 3b	-0.04	0	QW4VQVVC2F	CP-OFDM	QPSK	1	1	0 mm	top	1:1	0.614	1.355	0.832	0.208	0.282	
2535.00	507000	Mid	NR Band n7	40	14.7	13.39	Antenna 3b	0.15	0	QW4VQVVC2F	DFT-S-OFDM	QPSK	1	108	0 mm	bottom	1:1	0.000	1.352	0.000	0.000	0.000	
2535.00	507000	Mid	NR Band n7	40	14.7	13.37	Antenna 3b	0.16	0	QW4VQVVC2F	DFT-S-OFDM	QPSK	108	54	0 mm	bottom	1:1	0.000	1.358	0.000	0.000	0.000	
2535.00	507000	Mid	NR Band n7	40	14.7	13.39	Antenna 3b	-0.18	0	QW4VQVVC2F	DFT-S-OFDM	QPSK	1	108	0 mm	right	1:1	0.026	1.352	0.035	0.011	0.015	
2535.00	507000	Mid	NR Band n7	40	14.7	13.37	Antenna 3b	-0.07	0	QW4VQVVC2F	DFT-S-OFDM	QPSK	108	54	0 mm	right	1:1	0.028	1.358	0.038	0.011	0.015	
2535.00	507000	Mid	NR Band n7	40	14.7	13.39	Antenna 3b	-0.12	0	QW4VQVVC2F	DFT-S-OFDM	QPSK	1	108	0 mm	left	1:1	0.017	1.352	0.023	0.007	0.009	
2535.00	507000	Mid	NR Band n7	40	14.7	13.37	Antenna 3b	-0.10	0	QW4VQVVC2F	DFT-S-OFDM	QPSK	108	54	0 mm	left	1:1	0.017	1.358	0.023	0.007	0.010	
			ANSI / IEEE	C95.1 1992 Spatial P	- SAFETY LI	IMIT										Body kg (mW/s	3)						
			Uncontrolled	Exposure/0	Seneral Popu	ilation									averaged	over 1 g	ram						

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Table 10-68 NR n7 Antenna 4 Body SAR

														_	<i>-</i> ,								
										ME	ASUREMENT	RESULTS											
FRE	EQUENCY		Mode	Bandwidth	Maximum Allowed	Conducted	Antenna	Power	MPR (dB)	Serial Number	Waveform	Modulation		RB Offset	Spacing	MPR	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	CH	,	MODE	(MHz)	Power [dBm]	Power (dBm)	Config	Drift [dB]	MPR (DD)	Serial Number	wavetorm	Modulation	KB Size	KB Offset	spacing	[dB]	Cycle	(W/kg)	Scaling Factor	(W/kg)	(Wikg)	(Wikg)	PIOLE
2535.00	507000	Mid	NR Band n7	40	12.00	11.89	Antenna 4	-0.11	0	D57Y7GFJ93	DFT-S-OFDM	QPSK	1	214	0 mm	back	1:1	0.845	1.026	0.867	0.295	0.303	
2535.00	507000	Mid	NR Band n7	40	12.00	11.87	Antenna 4	0.00	0	D57Y7GFJ93	DFT-S-OFDM	QPSK	108	0	0 mm	back	1:1	0.859	1.030	0.885	0.306	0.315	A22
2535.00	507000	Mid	NR Band n7	40	12.00	11.80	Antenna 4	0.11	0	D57Y7GFJ93	DFT-S-OFDM	QPSK	216	0	0 mm	back	1:1	0.826	1.047	0.865	0.293	0.307	
2535.00	507000	Mid	NR Band n7	40	12.00	11.67	Antenna 4	-0.12	0	D57Y7GFJ93	CP-OFDM	QPSK	1	1	0 mm	back	1:1	0.838	1.079	0.904	0.296	0.319	
2535.00	507000	Mid	NR Band n7	40	12.00	11.89	Antenna 4	-0.04	0	D57Y7GFJ93	DFT-S-OFDM	QPSK	1	214	0 mm	top	1:1	0.469	1.026	0.481	0.155	0.159	
2535.00	507000	Mid	NR Band n7	40	12.00	11.87	Antenna 4	0.03	0	D57Y7GFJ93	DFT-S-OFDM	QPSK	108	0	0 mm	top	1:1	0.446	1.030	0.459	0.147	0.151	
2535.00	507000	Mid	NR Band n7	40	12.00	11.89	Antenna 4	-0.11	0	D57Y7GFJ93	DFT-S-OFDM	QPSK	-1	214	0 mm	bottom	1:1	0.000	1.026	0.000	0.000	0.000	
2535.00	507000	Mid	NR Band n7	40	12.00	11.87	Antenna 4	-0.12	0	D57Y7GFJ93	DFT-S-OFDM	QPSK	108	0	0 mm	bottom	1:1	0.001	1.030	0.001	0.000	0.000	
2535.00	507000	Mid	NR Band n7	40	12.00	11.89	Antenna 4	0.11	0	D57Y7GFJ93	DFT-S-OFDM	QPSK	1	214	0 mm	right	1:1	0.000	1.026	0.000	0.000	0.000	
2535.00	507000	Mid	NR Band n7	40	12.00	11.87	Antenna 4	-0.13	0	D57Y7GFJ93	DFT-S-OFDM	QPSK	108	0	0 mm	right	1:1	0.002	1.030	0.002	0.000	0.000	
2535.00	507000	Mid	NR Band n7	40	12.00	11.89	Antenna 4	0.03	0	D57Y7GFJ93	DFT-S-OFDM	QPSK	-1	214	0 mm	left	1:1	0.483	1.026	0.496	0.172	0.176	
2535.00	507000	Mid	NR Band n7	40	12.00	11.87	Antenna 4	0.02	0	D57Y7GFJ93	DFT-S-OFDM	QPSK	108	0	0 mm	left	1:1	0.578	1.030	0.595	0.202	0.208	
			ANSI / IEEE	C95.1 1992 Spatial P	- SAFETY LI	MIT										Body /ka (mW/	(a)						
			Uncontrolled			lation										d over 1 g	07						

Table 10-69 NR n41 PC2 Antenna 1b Body SAR

															_	_								
											MEASU	REMENT RES	ULTS											
FRI	EQUENCY	,	Mode	Bandwidth IMHz1	Maximum Allowed	Conducted Power (dBm)	Antenna Confin	Power Drift (dB1	MPR (dB)	Power Class	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	MPR Id51	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	c	h.		[MPLZ]	Power [dBm]	Power (com)	Comig	Drift (dib)									[as]	Cycle	(W/kg)		(Wikg)	(Wikg)	(W/kg)	
2592.99	518598	Mid	NR Band n41	100	12.70	11.41	Antenna 1b	0.00	0	PC2	N14X7HKHFY	DFT-S-OFDM	QPSK	1	137	0 mm	back	1:1	0.635	1.346	0.855	0.205	0.276	
2592.99	518598	Mid	NR Band n41	100	12.70	11.31	Antenna 1b	-0.04	0	PC2	N14X7HKHFY	DFT-S-OFDM	QPSK	135	138	0 mm	back	1:1	0.609	1.377	0.839	0.198	0.273	
2592.99	518598	Mid	NR Band n41	100	12.70	11.30	Antenna 1b	-0.01	0	PC2	N14X7HKHFY	DFT-S-OFDM	QPSK	270	0	0 mm	back	1:1	0.641	1.380	0.885	0.209	0.288	
2592.99	518598	Mid	NR Band n41	100	12.70	11.34	Antenna 1b	-0.07	0	PC2	N14X7HKHFY	CP-OFDM	QPSK	1	1	0 mm	back	1:1	0.649	1.368	0.888	0.214	0.293	
2592.99	518598	Mid	NR Band n41	100	12.70	11.41	Antenna 1b	0.11	0	PC2	N14X7HKHFY	DFT-S-OFDM	QPSK	1	137	0 mm	top	1:1	0.000	1.346	0.000	0.000	0.000	
2592.99	518598	Mid	NR Band n41	100	12.70	11.31	Antenna 1b	-0.11	0	PC2	N14X7HKHFY	DFT-S-OFDM	QPSK	135	138	0 mm	top	1:1	0.000	1.377	0.000	0.000	0.000	
2592.99	518598	Mid	NR Band n41	100	12.70	11.41	Antenna 1b	-0.12	0	PC2	N14X7HKHFY	DFT-S-OFDM	QPSK	1	137	0 mm	bottom	1:1	0.618	1.346	0.832	0.214	0.288	
2592.99	518598	Mid	NR Band n41	100	12.70	11.31	Antenna 1b	0.02	0	PC2	N14X7HKHFY	DFT-S-OFDM	QPSK	135	138	0 mm	bottom	1:1	0.615	1.377	0.847	0.209	0.288	
2592.99	518598	Mid	NR Band n41	100	12.70	11.30	Antenna 1b	-0.06	0	PC2	N14X7HKHFY	DFT-S-OFDM	QPSK	270	0	0 mm	bottom	1:1	0.621	1.380	0.857	0.213	0.294	
2592.99	518598	Mid	NR Band n41	100	12.70	11.41	Antenna 1b	-0.12	0	PC2	N14X7HKHFY	DFT-S-OFDM	QPSK	1	137	0 mm	right	1:1	0.010	1.346	0.013	0.002	0.003	
2592.99	518598	Mid	NR Band n41	100	12.70	11.31	Antenna 1b	-0.14	0	PC2	N14X7HKHFY	DFT-S-OFDM	QPSK	135	138	0 mm	right	1:1	0.009	1.377	0.012	0.003	0.004	
2592.99	518598	Mid	NR Band n41	100	12.70	11.41	Antenna 1b	0.12	0	PC2	N14X7HKHFY	DFT-S-OFDM	QPSK	1	137	0 mm	left	1:1	0.019	1.346	0.026	0.007	0.009	
2592.99	518598	Mid	NR Band n41	100	12.70	11.31	Antenna 1b	-0.17	0	PC2	N14X7HKHFY	DFT-S-OFDM	QPSK	135	138	0 mm	left	1:1	0.021	1.377	0.029	0.008	0.011	
			ANSI / IEEE	Spatial P												Body 5 W/kg (mW aged over 1								

Table 10-70 NR n41 PC2 Antenna 2 Body SAR

											MEASU	REMENT RES	ULTS											
FR	EQUENCY	r	Mode	Bandwidth	Maximum	Conducted	Antenna	Power	MPR (db)	Power Class	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	MPR	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	CI	h.	******	[MHz]	Power [dBm]	Power (dBm)	Config	Drift [dB]	mrit (uu)	Power Cum	Senar Admice	Wateroni	***************************************	NO 320	KB OHBER	Spacing	[48]	Cycle	(Wikg)	Scangraciu	(W/kg)	(W/kg)	(Wkg)	
2592.99	518598	Mid	NR Band n41	100	12.5	11.58	Antenna 2	-0.11	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	-1	137	0 mm	back	1:1	0.714	1.242	0.887	0.253	0.314	
2592.99	518598	Mid	NR Band n41	100	12.5	11.60	Antenna 2	-0.18	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	135	69	0 mm	back	1:1	0.710	1.230	0.873	0.250	0.308	
2592.99	518598	Mid	NR Band n41	100	12.5	11.54	Antenna 2	-0.16	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	270	0	0 mm	back	1:1	0.717	1.247	0.894	0.252	0.314	
2592.99	518598	Mid	NR Band n41	100	12.5	11.61	Antenna 2	-0.16	0	PC2	QW42KQWP44	CP-OFDM	QPSK	1	1	0 mm	back	1:1	0.729	1.227	0.894	0.265	0.325	
2592.99	518598	Mid	NR Band n41	100	12.5	11.56	Amerina 2	0.12	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	1	137	0 mm	top	1:1	0.000	1.242	0.000	0.000	0.000	
2592.99	518598	Mid	NR Band n41	100	12.5	11.60	Antenna 2	-0.12	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	135	69	0 mm	top	1:1	0.000	1.230	0.000	0.000	0.000	
2592.99	518598	Mid	NR Band n41	100	12.5	11.56	Antenna 2	-0.05	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	1	137	0 mm	bottom	1:1	0.518	1.242	0.643	0.168	0.209	
2592.99	518598	Mid	NR Band n41	100	12.5	11.60	Antenna 2	-0.08	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	135	69	0 mm	bottom	1:1	0.531	1.230	0.653	0.171	0.210	
2592.99	518598	Mid	NR Band n41	100	12.5	11.54	Amerina 2	-0.17	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	270	0	0 mm	bottom	1:1	0.552	1.247	0.688	0.178	0.222	
2592.99	518598	Mid	NR Band n41	100	12.5	11.56	Amerina 2	0.02	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	1	137	0 mm	right	1:1	0.616	1.242	0.765	0.212	0.263	
2592.99	518598	Mid	NR Band n41	100	12.5	11.60	Amerina 2	-0.06	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	135	69	0 mm	right	1:1	0.597	1.230	0.734	0.207	0.255	
2592.99	518598	Mid	NR Band n41	100	12.5	11.54	Amerina 2	-0.13	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	270	0	0 mm	right	1:1	0.584	1.247	0.728	0.203	0.253	
2592.99	518598	Mid	NR Band n41	100	12.5	11.56	Antenna 2	-0.12	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	1	137	0 mm	left	1:1	0.008	1.242	0.007	0.002	0.002	
2592.99	518598	Mid	NR Band n41	100	12.5	11.60	Antenna 2	-0.12	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	135	69	0 mm	left	1:1	0.008	1.230	0.007	0.002	0.002	
			ANSI / IEEE	Spatial Po												Body W/kg (mW/ aed over 1 o								

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Table 10-71 NR n41 PC2 Antenna 3b Body SAR

													<u> </u>		<u> </u>	, -								
											MEASU	REMENT RES	ULTS											
FRE	EQUENCY	,	Mode	Bandwidth	Maximum Allowed	Conducted	Antenna	Power	MPR (dB)	Proper Class	Serial Number	Waveform	Modulation	RB Size	RR Offset	Seacine	MPR	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot #
MHz	٥	h.		[MHz]	Power [dBm]	Power (dBm)	Config	Drift [dB]	,,								[d5]	Cycle	(Wikg)		(W/kg)	(Wilkg)	(Wikg)	
2592.99	518598	Mid	NR Band n41	100	14.90	13.77	Antenna 3b	-0.21	0	PC2	T3Y6XQC446	DFT-S-OFDM	QPSK	1	137	0 mm	back	1:1	0.609	1.297	0.790	0.207	0.268	
2592.99	518598	Mid	NR Band n41	100	14.90	13.63	Antenna 3b	0.02	0	PC2	T3Y6XQC446	DFT-S-OFDM	QPSK	135	69	0 mm	back	1:1	0.608	1.340	0.815	0.208	0.279	
2592.99	518598	Mid	NR Band n41	100	14.90	13.60	Antenna 3b	0.01	0	PC2	T3Y6XQC446	DFT-S-OFDM	QPSK	270	0	0 mm	back	1:1	0.621	1.349	0.838	0.211	0.285	
2592.99	518598	Mid	NR Band n41	100	14.90	13.77	Antenna 3b	0.01	0	PC2	T3Y6XQC446	DFT-S-OFDM	QPSK	1	137	0 mm	top	1:1	0.769	1.297	0.997	0.265	0.344	
2592.99	518598	Mid	NR Band n41	100	14.90	13.63	Antenna 3b	-0.09	0	PC2	T3Y6XQC446	DFT-S-OFDM	QPSK	135	69	0 mm	top	1:1	0.631	1.340	0.846	0.215	0.288	
2592.99	518598	Mid	NR Band n41	100	14.90	13.60	Antenna 3b	0.00	0	PC2	T3Y6XQC446	DFT-S-OFDM	QPSK	270	0	0 mm	top	1:1	0.728	1.349	0.982	0.244	0.329	
2592.99	518598	Mid	NR Band n41	100	14.90	13.60	Antenna 3b	0.03	0	PC2	T3Y6XQC446	CP-OFDM	QPSK	1	1	0 mm	top	1:1	0.737	1.349	0.994	0.257	0.347	
2592.99	518598	Mid	NR Band n41	100	14.90	13.77	Antenna 3b	0.15	0	PC2	T3Y6XQC446	DFT-S-OFDM	A21+C2:AB1103	1	137	0 mm	bottom	1:1	0.026	1.297	0.034	0.008	0.010	
2592.99	518598	Mid	NR Band n41	100	14.90	13.63	Antenna 3b	0.13	0	PC2	T3Y6XQC446	DFT-S-OFDM	QPSK	135	69	0 mm	bottom	1:1	0.022	1.340	0.029	0.007	0.009	
2592.99	518598	Mid	NR Band n41	100	14.90	13.77	Antenna 3b	0.12	0	PC2	T3Y6XQC446	DFT-S-OFDM	QPSK	1	137	0 mm	right	1:1	0.022	1.297	0.029	0.006	0.008	
2592.99	518598	Mid	NR Band n41	100	14.90	13.63	Antenna 3b	0.19	0	PC2	T3Y6XQC446	DFT-S-OFDM	QPSK	135	69	0 mm	right	1:1	0.027	1.340	0.036	0.007	0.009	
2592.99	518598	Mid	NR Band n41	100	14.90	13.77	Antenna 3b	0.20	0	PC2	T3Y6XQC446	DFT-S-OFDM	QPSK	1	137	0 mm	left	1:1	0.020	1.297	0.026	0.005	0.006	
2592.99	518598	Mid	NR Band n41	100	14.90	13.63	Antenna 3b	0.16	0	PC2	T3Y6XQC446	DFT-S-OFDM	QPSK	135	69	0 mm	left	1:1	0.026	1.340	0.035	0.009	0.012	
			ANSI / IEEE		- SAFETY L	IMIT	•						•			Body				•			•	
			Uncontrolled	Spatial P		ulation										W/kg (mW aged over 1								
		_					_				_			_		9	g- ca			_				

Table 10-72 NR n41 PC2 Antenna 4 Body SAR

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											MEASU	REMENT RESI	ULTS											
r	EQUENCY		Mode	Bandwidth	Maximum Allowed	Conducted	Antenna	Power	MPD MB1	Power Class	Serial Number	Waveform	Modulation		RB Offset	Spacing	MPR	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot #
MHz	Ch		***************************************	[MHz]	Power [d5m]	Power (dBm)	Config	Drift [dB]	an n junj	rower cum	Jerus Adrices	Hallion	MODUMON	KU JULE	N. O. G. Land	Spacing	[48]	Cycle	(Wikg)	Jeany Factor	(Wkg)	(Wikg)	(Wkg)	
2592.99	518598	Mid	NR Band n41	100	12.10	11.51	Antenna 4	-0.07	0	PC2	N14X7HKHFY	DFT-S-OFDM	QPSK	1	137	0 mm	back	1:1	0.814	1.146	0.933	0.296	0.339	A23
2592.99	518598	Mid	NR Band n41	100	12.10	11.40	Artenna 4	-0.06	0	PC2	N14X7HKHFY	DFT-S-OFDM	QPSK	135	69	0 mm	back	1:1	0.803	1.175	0.944	0.293	0.344	
2592.99	518598	Mid	NR Band n41	100	12.10	11.20	Artenna 4	-0.06	0	PC2	N14X7HKHFY	DFT-S-OFDM	QPSK	270	٥	0 mm	back	1:1	0.812	1.230	0.999	0.294	0.362	
2592.99	518598	Mid	NR Band n41	100	12.10	11.38	Antenna 4	-0.02	0	PC2	N14X7HKHFY	CP-OFDM	QPSK	1	1	0 mm	back	1:1	0.793	1.180	0.936	0.285	0.336	
2592.99	518598	Mid	NR Band n41	100	12.10	11.51	Antenna 4	0.12	0	PC2	N14X7HKHFY	DFT-S-OFDM	QPSK	1	137	0 mm	top	1:1	0.476	1.146	0.545	0.163	0.187	
2592.99	518598	Mid	NR Band n41	100	12.10	11.40	Artenna 4	0.00	0	PC2	N14X7HKHFY	DFT-S-OFDM	QPSK	135	69	0 mm	top	1:1	0.457	1.175	0.537	0.158	0.186	
2592.99	518598	Mid	NR Band n41	100	12.10	11.51	Antenna 4	-0.11	0	PC2	N14X7HKHFY	DFT-S-OFDM	QPSK	1	137	0 mm	bottom	1:1	0.000	1.146	0.000	0.000	0.000	
2592.99	518598	Mid	NR Band n41	100	12.10	11.40	Antenna 4	0.11	0	PC2	N14X7HKHFY	DFT-S-OFDM	QPSK	135	69	0 mm	bottom	1:1	0.005	1.175	0.006	0.001	0.001	
2592.99	518598	Mid	NR Band n41	100	12.10	11.51	Antenna 4	0.15	0	PC2	N14X7HKHFY	DFT-S-OFDM	QPSK	1	137	0 mm	right	1:1	0.006	1.146	0.007	0.002	0.002	
2592.99	518598	Mid	NR Band n41	100	12.10	11.40	Antenna 4	0.10	0	PC2	N14X7HKHFY	DFT-S-OFDM	QPSK	135	69	0 mm	right	1:1	0.006	1.175	0.007	0.001	0.001	
2592.99	518598	Mid	NR Band n41	100	12.10	11.51	Antenna 4	0.04	0	PC2	N14X7HKHFY	DFT-S-OFDM	QPSK	1	137	0 mm	left	1:1	0.584	1.146	0.646	0.197	0.226	
2592.99	518598	Mid	NR Band n41	100	12.10	11.40	Antenna 4	0.06	0	PC2	N14X7HKHFY	DFT-S-OFDM	QPSK	135	69	0 mm	left	1:1	0.552	1.175	0.649	0.193	0.227	
2592.99	518598	Mid	NR Band n41	100	12.10	11.20	Antenna 4	-0.05	0	PC2	N14X7HKHFY	DFT-S-OFDM	QPSK	270	0	0 mm	left	1:1	0.568	1.230	0.699	0.196	0.241	
			ANSI / IEEE	Spatial Pe	ak											Body W/kg (mW/ ged over 1 o								

Table 10-73 NR n77 DoD PC2 Antenna 1a Body SAR

											MEASUR	REMENT RESU	ILTS											
FR	EQUENCY		Mode	Bandwidth	Maximum Allowed	Conducted	Antenna	Power	MPR (dB)	Power Class	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	MPR	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	CH	ř		[MHz]	Power [dlim]	Power [d5m]	Config	Drift [dB]	,,							.,	[dB]	Cycle	(W/kg)	• • • • • • • • • • • • • • • • • • • •	(Wikg)	(Wkg)	(Wkg)	
3500.01	633334	Mid	NR Band n77	100	10.40	9.49	Antenna 1a	-0.03	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	1	271	0 mm	back	1:1	0.626	1.233	0.772	0.201	0.248	
3500.01	633334	Mid	NR Band n77	100	10.40	9.53	Antenna 1a	-0.06	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	135	138	0 mm	back	1:1	0.620	1.222	0.758	0.200	0.244	
3500.01	633334	Mid	NR Band n77	100	10.40	9.49	Antenna 1a	-0.13	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	1	271	0 mm	top	1:1	0.002	1.233	0.002	0.000	0.000	
3500.01	633334	Mid	NR Band n77	100	10.40	9.53	Antenna 1a	-0.19	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	135	138	0 mm	top	1:1	0.000	1.222	0.000	0.000	0.000	
3500.01	633334	Mid	NR Band n77	100	10.40	9.49	Antenna 1a	0.04	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	1	271	0 mm	bottom	1:1	0.235	1.233	0.290	0.065	0.080	
3500.01	633334	Mid	NR Band n77	100	10.40	9.53	Antenna 1a	-0.01	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	135	138	0 mm	bottom	1:1	0.225	1.222	0.275	0.062	0.076	
3500.01	633334	Mid	NR Band n77	100	10.40	9.49	Antenna 1a	0.17	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	1	271	0 mm	right	1:1	0.000	1.233	0.000	0.000	0.000	
3500.01	633334	Mid	NR Band n77	100	10.40	9.53	Antenna 1a	0.11	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	135	138	0 mm	right	1:1	0.000	1.222	0.000	0.000	0.000	
3500.01	633334	Mid	NR Band n77	100	10.40	9.49	Antenna 1a	-0.08	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	1	271	0 mm	left	1:1	0.678	1.233	0.836	0.191	0.238	
3500.01	633334	Mid	NR Band n77	100	10.40	9.53	Antenna 1a	-0.07	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	135	138	0 mm	left	1:1	0.694	1.222	0.848	0.195	0.238	
3500.01	633334	Mid	NR Band n77	100	10.40	9.48	Antenna 1a	-0.03	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	270	0	0 mm	left	1:1	0.695	1.236	0.859	0.198	0.245	
3500.01	633334	Mid	NR Band n77	100	10.40	9.37	Antenna 1a	-0.01	0	PC2	QW42KQWP44	CP-OFDM	QPSK	1	-1	0 mm	left	1:1	0.696	1.268	0.883	0.198	0.251	
			ANSI / IEEE	C95.1 1992 Spatial P	2 - SAFETY I	LIMIT										Body W/kg (mW/	_							
			Uncontrolled			ulation										mukg (mw/ ged over 1 c								

Table 10-74 NR n77 DoD PC2 Antenna 2 Body SAR

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											MEASU	JREMENT RES	SULTS											
FRE	EQUENCY	r	Mode	Bandwidth	Maximum Allowed	Conducted	Antenna	Power	MPR (dB)	Barrar Class	Serial Number	Waveform	Modulation		RB Offset	Spacing	MPR	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot #
MHz	CI	h.		[MHz]	Power (dBm)	Power [dBm]	Config	Drift [dB]	mr n (au)	POMEI CIAZZ	Serial Addition	Have on the	accusion.	KU JILE	C O O O O O O O O O O O O O O O O O O O	Spacing	[88]	Cycle	(W/kg)	July Pacies	(W/kg)	(W/kg)	(M/kg)	
3500.01	633334	Mid	NR Band n77	100	11.40	10.65	Antenna 2	0.01	0	PC2	T3Y6XQC446	DFT-S-OFDM	QPSK	1	137	0 mm	back	1:1	0.746	1.189	0.887	0.233	0.277	
3500.01	633334	Mid	NR Band n77	100	11.40	10.75	Antenna 2	0.00	0	PC2	T3Y6XQC446	DFT-S-OFDM	QPSK	135	69	0 mm	back	1:1	0.754	1.161	0.875	0.236	0.274	A24
3500.01	633334	Mid	NR Band n77	100	11.40	10.60	Artenna 2	0.02	0	PC2	T3Y6XQC446	DFT-S-OFDM	QPSK	270	0	0 mm	back	1:1	0.703	1.202	0.845	0.223	0.268	
3500.01	633334	Mid	NR Band n77	100	11.40	10.68	Artenna 2	0.01	0	PC2	T3Y6XQC446	CP-OFDM	QPSK	1	1	0 mm	back	1:1	0.714	1.180	0.843	0.228	0.269	
3500.01	633334	Mid	NR Band n77	100	11.40	10.65	Artenna 2	0.13	0	PC2	T3Y6XQC446	DFT-S-OFDM	QPSK	1	137	0 mm	top	1:1	0.014	1.189	0.017	0.003	0.004	
3500.01	633334	Mid	NR Band n77	100	11.40	10.75	Antenna 2	0.12	0	PC2	T3Y6XQC446	DFT-S-OFDM	QPSK	135	69	0 mm	top	1:1	0.004	1.161	0.005	0.000	0.000	
3500.01	633334	Mid	NR Band n77	100	11.40	10.65	Antenna 2	-0.02	0	PC2	T3Y6XQC446	DFT-S-OFDM	QPSK	1	137	0 mm	bottom	1:1	0.363	1.189	0.432	0.103	0.122	
3500.01	633334	Mid	NR Band n77	100	11.40	10.75	Antenna 2	-0.03	0	PC2	T3Y6XQC446	DFT-S-OFDM	QPSK	135	69	0 mm	bottom	1:1	0.379	1.161	0.440	0.107	0.124	
3500.01	633334	Mid	NR Band n77	100	11.40	10.65	Antenna 2	-0.05	0	PC2	T3Y6XQC446	DFT-S-OFDM	QPSK	1	137	0 mm	right	1:1	0.299	1.189	0.356	0.083	0.099	
3500.01	633334	Mid	NR Band n77	100	11.40	10.75	Antenna 2	0.00	0	PC2	T3Y6XQC446	DFT-S-OFDM	QPSK	135	69	0 mm	right	1:1	0.286	1.161	0.332	0.079	0.092	
3500.01	633334	Mid	NR Band n77	100	11.40	10.65	Artenna 2	0.15	0	PC2	T3Y6XQC446	DFT-S-OFDM	QPSK	1	137	0 mm	left	1:1	0.000	1.189	0.000	0.000	0.000	
3500.01	633334	Mid	NR Band n77	100	11.40	10.75	Artenna 2	0.14	0	PC2	T3Y6XQC446	DFT-S-OFDM	QPSK	135	69	0 mm	left	1:1	0.000	1.161	0.000	0.000	0.000	
			ANSI / IEEE		- SAFETY L	IMIT										Body								
			Uncontrolled	Spatial P												W/kg (mW								
			Unicontrolled	Exposure/	semendi Popt	nation									aver	aged over 1	grami							

FCC ID: BCGA2568	Proof to be part of selement	SAR EVALUATION REPORT	Approved by: Quality Manager
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Table 10-75 NR n77 DoD PC2 Antenna 3a Body SAR

											MEASUR	EMENT RESU	ILTS											
FR	EQUENCY		Mode	Bandwidth	Maximum	Conducted	Antenna	Power	MPR (dB)	Power Class	Sarial Number	Waveform	Modulation	DR Sire	RB Offset	Spacing	MPR	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot #
MHz	CH	7		[MHz]	Power [dBm]	Power [d5m]	Config	Drift [dB]	,,							.,	[48]	Cycle	(Wikg)	• • • • • • • • • • • • • • • • • • • •	(Wikg)	(Wikg)	(Wkg)	1
3500.01	633334	Mid	NR Band n77	100	11.00	10.01	Antenna 3a	0.02	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	1	137	0 mm	back	1:1	0.379	1.256	0.476	0.125	0.157	
3500.01	633334	Mid	NR Band n77	100	11.00	10.08	Antenna 3a	-0.01	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	135	138	0 mm	back	1:1	0.412	1.236	0.509	0.135	0.167	
3500.01	633334	Mid	NR Band n77	100	11.00	10.01	Antenna 3a	-0.12	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	1	137	0 mm	qu	1:1	0.207	1.256	0.260	0.059	0.074	
3500.01	633334	Mid	NR Band n77	100	11.00	10.08	Antenna 3a	-0.02	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	135	138	0 mm	top	1:1	0.214	1.236	0.265	0.061	0.075	
3500.01	633334	Mid	NR Band n77	100	11.00	10.01	Antenna 3a	0.11	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	1	137	0 mm	bottom	1:1	0.002	1.256	0.003	0.000	0.000	
3500.01	633334	Mid	NR Band n77	100	11.00	10.08	Antenna 3a	-0.18	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	135	138	0 mm	bottom	1:1	0.004	1.236	0.005	0.000	0.000	
3500.01	633334	Mid	NR Band n77	100	11.00	10.01	Antenna 3a	-0.05	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	1	137	0 mm	right	1:1	0.706	1.256	0.887	0.199	0.250	
3500.01	633334	Mid	NR Band n77	100	11.00	10.08	Antenna 3a	-0.06	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	135	138	0 mm	right	1:1	0.688	1.236	0.850	0.194	0.240	
3500.01	633334	Mid	NR Band n77	100	11.00	10.00	Antenna 3a	-0.06	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	270	0	0 mm	right	1:1	0.689	1.259	0.867	0.195	0.246	
3500.01	633334	Mid	NR Band n77	100	11.00	9.95	Antenna 3a	-0.09	0	PC2	QW42KQWP44	CP-OFDM	QPSK	1	-1	0 mm	right	1:1	0.704	1.274	0.897	0.199	0.254	
3500.01	633334	Mid	NR Band n77	100	11.00	10.01	Antenna 3a	0.07	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	1	137	0 mm	left	1:1	0.000	1.256	0.000	0.000	0.000	
3500.01	633334	Mid	NR Band n77	100	11.00	10.08	Antenna 3a	0.14	0	PC2	QW42KQWP44	DFT-S-OFDM	QPSK	135	138	0 mm	left	1:1	0.003	1.236	0.004	0.000	0.000	
			ANSI / IEEE	C95.1 199 Spatial F	2 - SAFETY I	LIMIT									16	Body W/kg (mW/	m)							
			Uncontrolled			ulation										ged over 1 g								

Table 10-76 NR n77 DoD PC2 Antenna 4 Body SAR

											MEASU	JREMENT RES	BULTS											
FRE	QUENCY	,	Mode	Bandwidth	Maximum Allowed	Conducted	Antenna	Power	MPR (dB)	Power Class	Serial Number	Waveform	Modulation		RB Offset	Spacing	MPR	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot #
MHz	CI	h.	m.ue	[MHz]	Power [dBm]	Power [dBm]	Config	Drift [dB]	mr n (uu)	POMEI CIAZZ	Januar Admica	Harmoniii	mountain.	KU JILE	C O O O O O O O O O O O O O O O O O O O	Spacing	[48]	Cycle	(W/kg)	J. ang raco	(W/kg)	(W/kg)	(M/kg)	
3500.01	633334	Mid	NR Band n77	100	11.50	10.73	Antenna 4	0.01	0	PC2	D57Y7GF93	DFT-S-OFDM	QPSK	1	271	0 mm	back	1:1	0.726	1.194	0.867	0.237	0.283	
3500.01	633334	Mid	NR Band n77	100	11.50	10.60	Artenna 4	-0.06	0	PC2	D57Y7GF93	DFT-S-OFDM	QPSK	135	138	0 mm	back	1:1	0.730	1.230	0.898	0.233	0.287	
3500.01	633334	Mid	NR Band n77	100	11.50	10.58	Artenna 4	-0.05	0	PC2	D57Y7GF93	DFT-S-OFDM	QPSK	270	0	0 mm	back	1:1	0.735	1.236	0.908	0.233	0.288	
3500.01	633334	Mid	NR Band n77	100	11.50	10.74	Artenna 4	-0.02	0	PC2	D57Y7GF93	CP-OFDM	QPSK	1	-1	0 mm	back	1:1	0.734	1.191	0.874	0.234	0.279	
3500.01	633334	Mid	NR Band n77	100	11.50	10.73	Artenna 4	0.01	0	PC2	D57Y7GF93	DFT-S-OFDM	QPSK	1	271	0 mm	top	1:1	0.290	1.194	0.346	0.078	0.093	
3500.01	633334	Mid	NR Band n77	100	11.50	10.60	Artenna 4	-0.05	0	PC2	D57Y7GF93	DFT-S-OFDM	QPSK	135	138	0 mm	top	1:1	0.318	1.230	0.391	0.087	0.107	
3500.01	633334	Mid	NR Band n77	100	11.50	10.73	Artenna 4	-0.11	0	PC2	D57Y7GF93	DFT-S-OFDM	QPSK	1	271	0 mm	bottom	1:1	0.000	1.194	0.000	0.000	0.000	
3500.01	633334	Mid	NR Band n77	100	11.50	10.60	Artenna 4	-0.09	0	PC2	D57Y7GF93	DFT-S-OFDM	QPSK	135	138	0 mm	bottom	1:1	0.005	1.230	0.006	0.000	0.000	
3500.01	633334	Mid	NR Band n77	100	11.50	10.73	Artenna 4	-0.17	0	PC2	D57Y7GF93	DFT-S-OFDM	QPSK	1	271	0 mm	right	1:1	0.003	1.194	0.004	0.000	0.000	
3500.01	633334	Mid	NR Band n77	100	11.50	10.60	Artenna 4	-0.18	0	PC2	D57Y7GF93	DFT-S-OFDM	QPSK	135	138	0 mm	right	1:1	0.001	1.230	0.001	0.000	0.000	
3500.01	633334	Mid	NR Band n77	100	11.50	10.73	Artenna 4	0.02	0	PC2	D57Y7GF93	DFT-S-OFDM	QPSK	1	271	0 mm	left	1:1	0.440	1.194	0.525	0.119	0.142	
3500.01	633334	Mid	NR Band n77	100	11.50	10.60	Artenna 4	-0.08	0	PC2	D57Y7GF93	DFT-S-OFDM	QPSK	135	138	0 mm	left	1:1	0.423	1.230	0.520	0.120	0.148	
			ANSI / IEEE			IMIT					•		•	•		Body	•	•					•	
				Spatial Po												W/kg (mW								
			Uncontrolled	Exposure/G	eneral Popu	ilation			l						aver	iged over 1	gram							

Table 10-77 NR n77 C PC2 Antenna 1a Body SAR

											MEASUR	EMENT RESU	LTS											
FRE	EQUENCY	r	Mode	Bandwidth	Maximum Allowed	Conducted	Antenna	Power	MPR (dB)	Power Class	Serial Number	Waveform	Modulation	RD Size	RB Offset	Spacing	MPR	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot #
MHz	С	h.	1000	[MHz]	Power [dSm]	Power [d5m]	Config	Drift [dB]	mrx (uu)	POWER CHAIR	Januarion	Harton.		NO SILE	C D CHIEF	эристу	(6)	Cycle	(W/kg)	acaming racion	(Wkg)	(W/kg)	(W/kg)	
3750.00	650000	Low	NR Band n77	100	10.40	10.28	Antenna 1a	-0.12	0	PC2	FPJF4R9KDC	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	0.602	1.028	0.619	0.179	0.184	
3930.00	662000	High	NR Band n77	100	10.40	10.31	America 1a	0.19	0	PC2	FPJF4R9KDC	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	0.712	1.021	0.727	0.202	0.206	
3750.00	650000	Low	NR Band n77	100	10.40	10.30	Antenna 1a	-0.09	0	PC2	FPJF4R9KDC	DFT-S-OFDM	QPSK	135	0	0 mm	back	1:1	0.585	1.023	0.598	0.176	0.180	
3930.00	682000	High	NR Band n77	100	10.40	10.31	Antenna 1a	0.00	0	PC2	FPJF4R9KDC	DFT-S-OFDM	QPSK	135	0	0 mm	back	1:1	0.653	1.021	0.667	0.186	0.190	
3750.00	650000	Low	NR Band n77	100	10.40	10.90	America 1a	-0.12	0	PC2	FPJF4R9KDC	DFT-S-OFDM	QPSK	270	0	0 mm	back	1:1	0.652	1.023	0.667	0.191	0.195	
3930.00	682000	High	NR Band n77	100	10.40	10.31	America 1a	-0.15	0	PC2	FPJF4R9KDC	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	0.000	1.021	0.000	0.000	0.000	
3930.00	682000	High	NR Band n77	100	10.40	10.31	America 1a	-0.13	0	PC2	FPJF4R9KDC	DFT-S-OFDM	QPSK	135	0	0 mm	top	1:1	0.000	1.021	0.000	0.000	0.000	
3930.00	662000	High	NR Band n77	100	10.40	10.31	America 1a	-0.07	0	PC2	FPJF4R9KDC	DFT-S-OFDM	QPSK	1	1	0 mm	bottom	1:1	0.233	1.021	0.238	0.062	0.063	
3930.00	662000	High	NR Band n77	100	10.40	10.31	Antenna 1a	0.13	0	PC2	FPJF4R9KDC	DFT-S-OFDM	QPSK	135	0	0 mm	bottom	1:1	0.180	1.021	0.184	0.046	0.047	
3930.00	682000	High	NR Band n77	100	10.40	10.31	Antenna 1a	0.00	0	PC2	FPJF4R9KDC	DFT-S-OFDM	QPSK	1	1	0 mm	right	1:1	0.001	1.021	0.001	0.000	0.000	
3930.00	682000	High	NR Band n77	100	10.40	10.31	America 1a	0.00	0	PC2	FPJF4R9KDC	DFT-S-OFDM	QPSK	135	0	0 mm	right	1:1	0.000	1.021	0.000	0.000	0.000	
3750.00	650000	Low	NR Band n77	100	10.40	10.28	America 1a	0.03	0	PC2	FPJF4R9KDC	DFT-S-OFDM	QPSK	1	1	0 mm	left	1:1	0.694	1.028	0.713	0.182	0.187	
3930.00	662000	High	NR Band n77	100	10.40	10.31	America 1a	0.03	0	PC2	FPJF4R9KDC	DFT-S-OFDM	QPSK	1	1	0 mm	left	1:1	0.682	1.021	0.696	0.182	0.186	
3750.00	650000	Low	NR Band n77	100	10.40	10.30	America 1a	-0.12	0	PC2	FPJF4R9KDC	DFT-S-OFDM	QPSK	135	0	0 mm	left	1:1	0.661	1.023	0.676	0.165	0.169	
3930.00	682000	High	NR Band n77	100	10.40	10.31	Antenna 1a	0.00	0	PC2	FPJF4R9KDC	DFT-S-OFDM	QPSK	135	0	0 mm	left	1:1	0.581	1.021	0.593	0.153	0.156	
3750.00	650000	Low	NR Band n77	100	10.40	10.90	America 1a	0.03	0	PC2	FPJF4R9KDC	DFT-S-OFDM	QPSK	270	0	0 mm	left	1:1	0.743	1.023	0.760	0.194	0.198	A25
3930.00	682000	High	NR Band n77	100	10.40	10.90	America 1a	0.03	0	PC2	FPJF4R9KDC	CP-OFDM	QPSK	1	1	0 mm	left	1:1	0.689	1.023	0.705	0.184	0.188	
			ANSI / IEEE		2 - SAFETY I	JIMIT										Body								
			Uncontrolled	Spatial F												V/kg (mW/g								
			Unicontrolled	Expusure/	General Pop	usation									averag	ed over 1 gr	am							

FCC ID: BCGA2568	PCTEST* Proud to be part of referenced	SAR EVALUATION REPORT	Approved by: Quality Manager
Document S/N:	Test Dates:	DUT Type:	Dogo 466 of 204
1C2106080049-28.BCG (Rev 1)	06/23/2021-08/23/2021	Tablet Device	Page 166 of 201

Table 10-78 NR n77 C PC2 Antenna 2 Body SAR

																, -								
											MEASU	JREMENT RES	BULTS											
FRE	QUENCY	r	Mode	Bandwidth IMHz1	Maximum	Conducted Power (dBm)	Antenna Config	Power Drift (dB)	MPR (dB)	Power Class	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	MPR [dB]	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	CI	h.		[MHz]	Power (dbm)	Power (dBm)	Config	Drift [dB]	,,							-,	[48]	Cycle	(Wkg)		(Wkg)	(Wikg)	(W/kg)	
3750.00	650000	Low	NR Band n77	100	11.40	9.96	Antenna 2	0.19	0	PC2	YDHKFG44JX	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	0.451	1.396	0.630	0.136	0.190	
3930.00	662000	High	NR Band n77	100	11.40	9.64	Antenna 2	0.13	0	PC2	YDHKFG44JX	DFT-S-OFDM	QPSK	1	137	0 mm	back	1:1	0.443	1.500	0.665	0.152	0.228	
3750.00	650000	Low	NR Band n77	100	11.40	10.00	Antenna 2	0.01	0	PC2	YDHKFG44JX	DFT-S-OFDM	QPSK	135	0	0 mm	back	1:1	0.405	1.380	0.559	0.123	0.170	
3930.00	662000	High	NR Band n77	100	11.40	9.64	Antenna 2	0.14	0	PC2	YDHKFG44JX	DFT-S-OFDM	QPSK	135	138	0 mm	back	1:1	0.425	1.500	0.638	0.148	0.222	
3750.00	650000	Low	NR Band n77	100	11.40	9.90	Artenna 2	-0.11	0	PC2	YDHKFG44JX	DFT-S-OFDM	QPSK	270	0	0 mm	back	1:1	0.374	1.413	0.528	0.114	0.161	
3750.00	650000	Low	NR Band n77	100	11.40	9.99	Antenna 2	-0.09	0	PC2	YDHKFG44JX	CP-OFDM	QPSK	1	1	0 mm	back	1:1	0.503	1.384	0.696	0.147	0.203	
3750.00	650000	Low	NR Band n77	100	11.40	9.95	Artenna 2	0.15	0	PC2	YDHKFG44JX	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	0.002	1.396	0.003	0.000	0.000	
3750.00	650000	Low	NR Band n77	100	11.40	10.00	Antenna 2	0.11	0	PC2	YDHKFG44JX	DFT-S-OFDM	QPSK	135	0	0 mm	top	1:1	0.001	1.380	0.001	0.000	0.000	
3750.00	650000	Low	NR Band n77	100	11.40	9.96	Antenna 2	0.08	0	PC2	YDHKFG44JX	DFT-S-OFDM	QPSK	1	1	0 mm	bottom	1:1	0.186	1.396	0.260	0.053	0.074	
3750.00	650000	Low	NR Band n77	100	11.40	10.00	Artenna 2	0.14	0	PC2	YDHKFG44JX	DFT-S-OFDM	QPSK	135	0	0 mm	bottom	1:1	0.170	1.380	0.235	0.048	0.066	
3750.00	650000	Low	NR Band n77	100	11.40	9.96	Artenna 2	-0.01	0	PC2	YDHKFG44JX	DFT-S-OFDM	QPSK	1	1	0 mm	right	1:1	0.183	1.396	0.255	0.047	0.066	
3750.00	650000	Low	NR Band n77	100	11.40	10.00	Artenna 2	0.00	0	PC2	YDHKFG44JX	DFT-S-OFDM	QPSK	135	0	0 mm	right	1:1	0.187	1.380	0.258	0.047	0.065	
3750.00	650000	Low	NR Band n77	100	11.40	9.95	Antenna 2	0.00	0	PC2	YDHKFG44JX	DFT-S-OFDM	QPSK	1	-1	0 mm	left	1:1	0.000	1.396	0.000	0.000	0.000	
3750.00	650000	Low	NR Band n77	100	11.40	10.00	Antenna 2	0.00	0	PC2	YDHKFG44JX	DFT-S-OFDM	QPSK	135	0	0 mm	left	1:1	0.000	1.380	0.000	0.000	0.000	
			ANSI / IEEE	C95.1 1992 Spatial P		IMIT									- 11	Body W/kg (mW	/al							
			Uncontrolled			dation										ged over 1								

Table 10-79 NR n77 C PC2 Antenna 3a Body SAR

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											MEASUR	EMENT RESU	LTS											
FRI	EQUENCY		Mode	Bandwidth	Maximum Allowed	Conducted	Antenna	Power	MPR (dB)	Power Class	Sarial Number	Waveform	Medulation	DR Sire	RB Offset	Spacing	MPR	Duty	SAR (1g)	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot #
MHz	CI	ı		[MHz]	Power [d5m]	Power [d5m]	Config	Drift [dB]								-,	[48]	Cycle	(W/kg)		(W/kg)	(W/kg)	(Wkg)	
3750.00	650000	Low	NR Band n77	100	11.00	10.82	Antenna 3a	-0.04	0	PC2	352797110566556	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	0.517	1.042	0.539	0.154	0.160	
3930.00	662000	High	NR Band n77	100	11.00	10.72	Antenna 3a	0.16	0	PC2	352797110566556	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	0.408	1.067	0.435	0.116	0.124	
3750.00	650000	Low	NR Band n77	100	11.00	10.89	Antenna 3a	-0.16	0	PC2	362797110666556	DFT-S-OFDM	QPSK	135	0	0 mm	back	1:1	0.512	1.026	0.525	0.151	0.155	
3930.00	662000	High	NR Band n77	100	11.00	10.77	America 3a	-0.14	0	PC2	352797110566556	DFT-S-OFDM	QPSK	135	138	0 mm	back	1:1	0.369	1.054	0.389	0.103	0.109	
3750.00	650000	Low	NR Band n77	100	11.00	10.81	America 3a	0.04	0	PC2	352797110566556	DFT-S-OFDM	QPSK	270	0	0 mm	back	1:1	0.501	1.045	0.524	0.147	0.154	
3750.00	650000	Low	NR Band n77	100	11.00	10.82	Antenna 3a	0.05	0	PC2	352797110566556	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	0.215	1.042	0.224	0.058	0.060	
3750.00	650000	Low	NR Band n77	100	11.00	10.89	America 3a	0.10	0	PC2	352797110568556	DFT-S-OFDM	QPSK	135	0	0 mm	top	1:1	0.200	1.026	0.205	0.052	0.053	
3750.00	650000	Low	NR Band n77	100	11.00	10.82	Antenna 3a	0.15	0	PC2	352797110566556	DFT-S-OFDM	QPSK	1	1	0 mm	bottom	1:1	0.002	1.042	0.002	0.000	0.000	
3750.00	650000	Low	NR Band n77	100	11.00	10.89	Antenna 3a	0.12	0	PC2	352797110566556	DFT-S-OFDM	QPSK	135	0	0 mm	bottom	1:1	0.001	1.026	0.001	0.000	0.000	
3750.00	650000	Low	NR Band n77	100	11.00	10.82	Antenna 3a	0.07	0	PC2	352797110566556	DFT-S-OFDM	QPSK	1	1	0 mm	right	1:1	0.715	1.042	0.745	0.203	0.212	
3930.00	662000	High	NR Band n77	100	11.00	10.72	Antenna 3a	0.12	0	PC2	352797110566556	DFT-S-OFDM	QPSK	1	1	0 mm	right	1:1	0.669	1.067	0.714	0.185	0.197	
3750.00	650000	Low	NR Band n77	100	11.00	10.89	America 3a	0.11	0	PC2	352797110566556	DFT-S-OFDM	QPSK	135	0	0 mm	right	1:1	0.690	1.026	0.708	0.196	0.201	
3930.00	662000	High	NR Band n77	100	11.00	10.77	Antenna 3a	0.18	0	PC2	352797110566556	DFT-S-OFDM	QPSK	135	138	0 mm	right	1:1	0.641	1.054	0.676	0.174	0.183	
3750.00	650000	Low	NR Band n77	100	11.00	10.81	Antenna 3a	0.13	0	PC2	352797110566556	DFT-S-OFDM	QPSK	270	0	0 mm	right	1:1	0.676	1.045	0.706	0.190	0.199	
3750.00	650000	Low	NR Band n77	100	11.00	10.75	Antenna 3a	0.12	0	PC2	352797110566556	CP-OFDM	QPSK	1	1	0 mm	right	1:1	0.686	1.059	0.726	0.196	0.208	
3750.00	650000	Low	NR Band n77	100	11.00	10.82	Antenna 3a	0.13	0	PC2	352797110566556	DFT-S-OFDM	QPSK	1	1	0 mm	left	1:1	0.011	1.042	0.011	0.000	0.000	
3750.00	650000	Low	NR Band n77	100	11.00	10.89	America 3a	0.11	0	PC2	352797110568556	DFT-S-OFDM	QPSK	135	0	0 mm	left	1:1	0.000	1.026	0.000	0.000	0.000	
			ANSI / IEEE		2 - SAFETY	LIMIT						•				Body			•					
			Uncontrolled	Spatial F												Wkg (mW/g ed over 1 ar								
			Uncontrolled	Expusurer	General Pop	meron			L						arverag	eu over 1 gr	4m							

Table 10-80 NR n77 C PC2 Antenna 4 Body SAR

Part												MEASL	REMENT RE	BULTS											
No. Proceedings Proceedings Proceedings Proceedings Procedure Pr	FR	EQUENCY	r															MPR		SAR (1g)			SAR (10g)	Reported SAR (19a)	Plot #
200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 2	MHz	c	h.	Mode	[MHz]		Power (dBm)	Config	Drift [dB]	MPPR (GIG)	Power Class	Serai Number	waverorm	Modulation	KB SIZE	IKB UTSet	spacing	[dB]	Cycle	(Wikg)	iscaing ractor	(W/kg)	(W/kg)	(Wkg)	PIOL
Process Proc	3750.00	650000	Low	NR Band n77	100	11.50	11.03	Antenna 4	0.00	0	PC2	QW4VQVVC2F	DFT-S-OFDM	QPSK	1	271	0 mm	back	1:1	0.467	1.114	0.520	0.146	0.163	
	3930.00	662000	High	NR Band n77	100	11.50	10.84	Antenna 4	-0.07	0	PC2	QW4VQVVC2F	DFT-S-OFDM	QPSK	1	271	0 mm	back	1:1	0.439	1.164	0.511	0.143	0.166	
250.00	3750.00	650000	Low	NR Band n77	100	11.50	11.04	Antenna 4	0.00	0	PC2	QW4VQVVC2F	DFT-S-OFDM	QPSK	135	138	0 mm	back	1:1	0.522	1.112	0.580	0.160	0.178	
250.00	3930.00	662000	High	NR Band n77	100	11.50	10.85	Antenna 4	0.00	0	PC2	QW4VQVVC2F	DFT-S-OFDM	QPSK	135	138	0 mm	back	1:1	0.447	1.161	0.519	0.143	0.166	
3750 2000 Lev WR Band of 7 10 1150 1150 4150 4150 4000 0 PC 2004/CVCF DTS-OFM OPSK 1 271 0 mm 50 11 0.137 1.114 0.153 0.024 0.025 3750 2000 Lev WR Band of 7 10 1150 1150 4150 4150 0 PC 2004/CVCF DTS-OFM OPSK 13 130 0 mm 10 11 0.137 1.112 0.152 0.024 0.025 3750 2000 Lev WR Band of 7 10 1150 1150 4150 4150 0 PC 2004/CVCF DTS-OFM OPSK 13 130 0 mm 10 0.000 1.114 0.000 0.000 0.000 3750 2000 Lev WR Band of 7 10 1150 1150 4150 48004 0.00 0 PC 2004/CVCF DTS-OFM OPSK 13 130 0 mm 0.000 11 0.000 1.114 0.000 0.000 0.000 3750 2000 Lev WR Band of 7 10 1150 1150 48004 0.00 0 PC 2004/CVCF DTS-OFM OPSK 1 271 0 mm 0.000 11 0.000 1.112 0.000 0.000 3750 2000 Lev WR Band of 7 10 1150 1150 48004 0.00 0 PC 2004/CVCF DTS-OFM OPSK 1 271 0 mm 0.000 11 0.000 0.112 0.000 0.000 3750 2000 Lev WR Band of 7 10 1150 1150 48004 0.00 0 PC 2004/CVCF DTS-OFM OPSK 1 271 0 mm 0.000 11 0.000 0.112 0.000 0.000 3750 2000	3750.00	650000	Low	NR Band n77	100	11.50	10.82	Antenna 4	-0.01	0	PC2	QW4VQVVC2F	DFT-S-OFDM	QPSK	270	٥	0 mm	back	1:1	0.569	1.169	0.665	0.174	0.203	
250.00	3750.00	650000	Low	NR Band n77	100	11.50	10.47	Antenna 4	-0.04	0	PC2	QW4VQVVC2F	CP-OFDM	QPSK	1	1	0 mm	back	1:1	0.712	1.268	0.903	0.210	0.266	
275.00 08000 Low NR Band of 77 100 11.50 11.50 11.50 Answer 4 0.00 0 PC2 2044/CVCZP DFT-S-OFEM OPEM 1 271 0 mm domin 11 0.000 1.112 0.000 0.00	3750.00	650000	Low	NR Band n77	100	11.50	11.03	Antenna 4	-0.03	0	PC2	QW4VQVVC2F	DFT-S-OFDM	QPSK	1	271	0 mm	top	1:1	0.137	1.114	0.153	0.034	0.038	
375.00 10000 1000 1000 1000 1000 11.50	3750.00	650000	Low	NR Band n77	100	11.50	11.04	Antenna 4	-0.03	0	PC2	QW4VQVVC2F	DFT-S-OFDM	QPSK	135	138	0 mm	top	1:1	0.137	1.112	0.152	0.034	0.038	
37510	3750.00	650000	Low	NR Band n77	100	11.50	11.03	Antenna 4	0.00	0	PC2	QW4VQVVC2F	DFT-S-OFDM	QPSK	1	271	0 mm	bottom	1:1	0.000	1.114	0.000	0.000	0.000	
375.00 60000 Low NR Band of 77 100 11.50 11.54 America 4 0.00 0 PC2 2044Q/NC2F DFT-6-OFMA OPSK 1.3 1.38 0 mm sign 1.1 0.000 1.112 0.000 0.	3750.00	650000	Low	NR Band n77	100	11.50	11.04	Antenna 4	0.00	0	PC2	QW4VQVVC2F	DFT-S-OFDM	QPSK	135	138	0 mm	bottom	1:1	0.000	1.112	0.000	0.000	0.000	
375.0 8000 Lee NR Band N7 100 11:50 11:50 11:50 10:0 NR Secretary 10 11:50 11:50 11:50 10:0 NR Secretary 10 11:50 11:50 10:0 NR Secretary 10 11:50 NR Secretary 10 11:50 NR	3750.00	650000	Low	NR Band n77	100	11.50	11.03	Antenna 4	0.00	0	PC2	QW4VQVVC2F	DFT-S-OFDM	QPSK	1	271	0 mm	right	1:1	0.000	1.114	0.000	0.000	0.000	
350.0 65000 Fey NR Band n77 150 1150 1534 Annova 4 -0.01 0 PC2 QNNQVCZF DFT-S-DFM QPSK 1 271 0 mm km 11 0.5570 1.564 0.663 0.147 0.171 2751.0 6500 Low NR Band n77 150 1150 1150 1154 Annova 4 -0.01 0 PC2 QNNQVCZF DFT-S-DFM QPSK 1 271 0 mm km 11 0.559 1.11 0.559 1.11 0.655 0.141 0.155 130.0 mm km 11 0.559 1.11 0.559 1.11 0.559 0.514 0.155 130.0 mm km 11 0.559 1.11 0.559 1.11 0.559 0.514 0.155 130.0 mm km 11 0.559 1.11 0.559 1.11 0.559 0.514 0.155 130.0 mm km 11 0.559 1.11 0.559 0.514 0.155 130.0 mm km 11 0.559 1.11 0.559 0.514 0.155 130.0 mm km 11 0.559 1.11 0.559 0.514 0.155 130.0 mm km 11 0.559 1.11 0.559 0.514 0.155 130.0 mm km 11 0.559 1.11 0.559 0.514 0.155 130.0 mm km 11 0.559 1.11 0.559 0.514 0.155 130.0 mm km 11 0.559 1.11 0.559 0.514 0.155 130.0 mm km 11 0.155 0.155 130.0 mm km 11 0.155 0.155 130.0 mm km 11 0.155 0.155 130.0 mm km 11 0.155 0.155 130.0 mm km 11 0.155 0.155 130.0 mm km 11 0.155 0.155 130.0 mm km 11 0.155 0.155 130.0 mm km 11 0.155 0.155 130.0 mm km 11 0.155 0.155 130.0 mm km 11 0.155 0.155 130.0 mm km 11 0.155 0.155 130.0 mm km 11 0.155 0.155 130.0 mm	3750.00	650000	Low	NR Band n77	100	11.50	11.04	Antenna 4	0.00	0	PC2	QW4VQVVC2F	DFT-S-OFDM	QPSK	135	138	0 mm	right	1:1	0.000	1.112	0.000	0.000	0.000	
375.00 60000 500 NR Bard of 77 100 11.50 11.54 Abstract 4 0.00 0 PC2 2004/CVCZF DFT-SOFEM OPEK 136 138 0 mm bit 11 0.350 1.112 0.350 0.054 0.16	3750.00	650000	Low	NR Band n77	100	11.50	11.03	Antenna 4	-0.06	0	PC2	QW4VQVVC2F	DFT-S-OFDM	QPSK	1	271	0 mm	left	1:1	0.379	1.114	0.422	0.098	0.109	
300.00 60000 Feb. NR Based A77 100 1130 1326 America 4 -0.01 0 PC2 00MG/VC2F DFT-6-OFDM OPEX 138 138 0 mm Ma 13 0.864 1301 0.865 0.141 0.144 1310.00 00000 Low NR Based A77 100 1130 1328 America 4 -0.04 0 PC2 00MG/VC2F DFT-6-OFDM OPEX 270 0 0 mm Ma 13 0.356 1.150 0.419 0.091 0.106 0	3930.00	662000	High	NR Band n77	100	11.50	10.84	Antenna 4	-0.01	0	PC2	QW4VQVVC2F	DFT-S-OFDM	QPSK	1	271	0 mm	left	1:1	0.570	1.164	0.663	0.147	0.171	
3750.00 65000 Low NR Band n77 100 11.50 10.82 Antenna 4 4.04 0 PC2 QNN4C/VC2F DFT-6-OF5M GPSK 270 0 0 mm kilt 1:1 0.558 1.169 0.419 0.001 0.106 ANSI/EEE CSC 1192 - SAFETY LIMIT Body	3750.00	650000	Low	NR Band n77	100	11.50	11.04	Antenna 4	0.00	0	PC2	QW4VQVVC2F	DFT-S-OFDM	QPSK	135	138	0 mm	left	1:1	0.359	1.112	0.399	0.094	0.105	
ANSI/IEEE C95.11992 - SAFETY LIMIT Body	3930.00	662000	High	NR Band n77	100	11.50	10.85	Antenna 4	-0.11	0	PC2	QW4VQVVC2F	DFT-S-OFDM	QPSK	135	138	0 mm	left	1:1	0.584	1.161	0.655	0.141	0.164	
	3750.00	650000	Low					Antenna 4	-0.04	0	PC2	QW4VQVVC2F	DFT-S-OFDM	QPSK	270	0	_	left	1:1	0.358	1.169	0.419	0.091	0.106	
Spatial Peak Uncontrolled Exposure/General Population averaged over 1 gram averaged over 1 gram					Spatial Pe	ak											W/kg (mW								

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Table 10-81 2.4 GHz WLAN Antenna 1a Body SAR

									MEAS	UREME	NT RESULTS										
FREQU	ENCY	Mode	Service	Bandwidth (MHz1	Maximum Allowed Power (dBm)	Conducted Power	Power Drift [dB]	Spacing	Antenna Config.	Variant	Device Serial	Data Rate	Side	Duty Cycle	SAR (1g)	Scaling Factor (Power)	Scaling Factor (Duty Cycle)	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	Ch.			[MITZ]	Power (dBm)	lanui	fapl		-		Number	(Mbps)		(%)	(Wikg)	(Power)	(Duty Cycle)	(W/kg)	(W/kg)	(W/kg)	
2412	1	802.11b	DSSS	22	12.25	11.09	0.08	0 mm	Antenna 1a	V1	DM62X4GW6P	1	back	99.6	0.846	1.306	1.004	1.109	0.324	0.425	
2437	6	802.11b	DSSS	22	12.25	11.23	0.03	0 mm	Antenna 1a	V1	DM62X4GW6P	1	back	99.6	0.887	1.265	1.004	1.127	0.340	0.432	
2462	11	802.11b	DSSS	22	12.25	11.22	0.02	0 mm	Antenna 1a	V1	DM62X4GW6P	1	back	99.6	0.859	1.268	1.004	1.094	0.338	0.430	
2437	6	802.11b	DSSS	22	12.25	11.23	-0.15	0 mm	Antenna 1a	V1	DM62X4GW6P	1	top	99.6	0.010	1.265	1.004	0.013	0.003	0.004	
2437	6	802.11b	DSSS	22	12.25	11.23	0.03	0 mm	Antenna 1a	V1	DM62X4GW6P	1	bottom	99.6	0.368	1.265	1.004	0.467	0.105	0.133	
2437	6	802.11b	DSSS	22	12.25	11.23	0.11	0 mm	Antenna 1a	V1	DM62X4GW6P	1	right	99.6	0.002	1.265	1.004	0.003	0.000	0.000	
2412	1	802.11b	DSSS	22	12.25	11.09	0.02	0 mm	Antenna 1a	V1	DM62X4GW6P	1	left	99.6	0.879	1.306	1.004	1.153	0.299	0.392	
2437	6	802.11b	DSSS	22	12.25	11.23	0.06	0 mm	Antenna 1a	V1	DM62X4GW6P	1	left	99.6	0.900	1.265	1.004	1.143	0.310	0.394	
2437	6	802.11b	DSSS	22	12.25	11.02	-0.05	0 mm	Antenna 1a	V2	TK72MLH4WF	1	left	99.5	0.815	1.327	1.005	1.087	0.275	0.367	
2462	11	802.11b	DSSS	22	12.25	11.22	0.00	0 mm	Antenna 1a	V1	DM62X4GW6P	1	left	99.6	0.929	1.268	1.004	1.183	0.314	0.400	A26
2437	6	802.11b	DSSS	22	9.25	8.40	0.01	0 mm	Antenna 1a	V1	DM62X4GW6P	1	back	99.6	0.470	1.216	1.004	0.574	0.177	0.216	
2437	6	802.11b	DSSS	22	9.25	8.40	-0.08	0 mm	Antenna 1a	V1	DM62X4GW6P	1	bottom	99.6	0.188	1.216	1.004	0.230	0.053	0.065	
2437	6	802.11b	DSSS	22	9.25	8.40	-0.02	0 mm	Antenna 1a	V1	DM62X4GW6P	1	left	99.6	0.480	1.216	1.004	0.586	0.166	0.203	
2462	11	802.11b	DSSS	22	12.25	11.22	-0.06	0 mm	Antenna 1a	V1	DM62X4GW6P	1	left	99.6	0.822	1.268	1.004	1.046	0.286	0.364	
		Ah	ISI / IEEE	C95.1 1992	- SAFETY LIMIT										Body						
		Unc	ontrolled	Spatial Per Exposure/G	ak eneral Populatio	n									W/kg (mW/g ged over 1 gr						

Note: Blue entry represents variability measurement.

Table 10-82 2.4 GHz WLAN Antenna 3a Body SAR

						•									,						_
									MEAS	UREME	NT RESULTS										
FREQU	ENCY	Mode	Service	Bandwidth [MHz]	Maximum Allowed Power (dBm)	Conducted Power	Power Drift [dB]	Spacing	Antenna Config.	Variant	Device Serial	Data Rate	Side	Duty	SAR (1g)	Scaling Factor (Power)	Scaling Factor (Duty Cycle)	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	Ch.			[MHZ]	Power (dBm)	[dBm]	[qR]				Number	(Mbps)		(%)	(Wikg)	(Power)	(Duty Cycle)	(W/kg)	(W/kg)	(W/kg)	
2462	11	802.11b	DSSS	22	11.50	10.50	-0.19	0 mm	Antenna 3a	V1	FRHJHQRXCL	1	back	99.5	0.443	1.259	1.005	0.561	0.192	0.243	
2462	11	802.11b	DSSS	22	11.50	10.50	-0.16	0 mm	Antenna 3a	V1	FRHJHQRXCL	1	top	99.5	0.281	1.259	1.005	0.356	0.085	0.108	
2462	11	802.11b	DSSS	22	11.50	10.50	0.07	0 mm	Antenna 3a	V1	FRHJHQRXCL	1	bottom	99.5	0.011	1.259	1.005	0.014	0.003	0.004	
2412	1	802.11b	DSSS	22	11.50	10.38	0.00	0 mm	Antenna 3a	V1	FRHJHQRXCL	1	right	99.5	0.858	1.294	1.005	1.116	0.303	0.394	
2437	6	802.11b	DSSS	22	11.50	10.37	-0.01	0 mm	Antenna 3a	V1	FRHJHQRXCL	1	right	99.5	0.907	1.297	1.005	1.182	0.319	0.416	
2462	11	802.11b	DSSS	22	11.50	10.50	0.09	0 mm	Antenna 3a	V1	FRHJHQRXCL	1	right	99.5	0.927	1.259	1.005	1.173	0.318	0.402	
2462	11	802.11b	DSSS	22	11.50	10.54	-0.06	0 mm	Antenna 3a	V2	J4H3Q05YGN	1	right	99.5	0.879	1.247	1.005	1.102	0.306	0.383	
2462	11	802.11b	DSSS	22	11.50	10.50	-0.13	0 mm	Antenna 3a	V1	FRHJHQRXCL	1	left	99.5	0.001	1.259	1.005	0.001	0.000	0.000	
2462	11	802.11b	DSSS	22	8.50	7.58	0.03	0 mm	Antenna 3a	V1	FRHJHQRXCL	1	back	99.5	0.222	1.236	1.005	0.276	0.096	0.119	
2462	11	802.11b	DSSS	22	8.50	7.58	0.03	0 mm	Antenna 3a	V1	FRHJHQRXCL	1	top	99.5	0.156	1.236	1.005	0.194	0.046	0.057	
2462	11	802.11b	DSSS	22	8.50	7.58	0.02	0 mm	Antenna 3a	V1	FRHJHQRXCL	1	right	99.5	0.494	1.236	1.005	0.614	0.168	0.209	
		A	ISI / IEEE	C95.1 1992	SAFETY LIMIT										Body						
				Spatial Per	ak									1.6	W/kg (mW/g)					
		Unc	ontrolled	Exposure/G	eneral Populatio	n								averag	ged over 1 gr	am					

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Table 10-83 5 GHz WLAN Antenna 5T Body SAR

									MEAS	UREME	NT RESULTS										
FREQU	ENCY Ch.	Mode	Service	Bandwidth [MHz]	Maximum Allowed Power [dBm]	Conducted Power (dBm)	Power Drift [dB]	Spacing	Antenna Config.	Variant	Device Serial Number	Data Rate (Mbps)	Side	Duty Cycle (%)	SAR (1g) (W/kg)	Scaling Factor (Power)	Scaling Factor (Duty Cycle)	Reported SAR (1g) (W/kg)	SAR (10g) (W/kg)	Reported SAR (10g) (Wikg)	Plot#
5230	46	802.11n	OFDM	40	15.50	14.33	-0.20	0 mm	Antenna 5T	V1	VX9YW2L9FM	13.5	back	97.8	0.093	1.309	1.022	0.124	0.031	0.041	
5230	46	802.11n	OFDM	40	15.50	14.33	0.15	0 mm	Antenna 5T	V1	VX9YW2L9FM	13.5	top	97.8	0.003	1.309	1.022	0.004	0.000	0.000	
5230	46	802.11n	OFDM	40	15.50	14.33	0.19	0 mm	Antenna 5T	V1	VX9YW2L9FM	13.5	bottom	97.8	0.000	1.309	1.022	0.000	0.000	0.000	
5190	38	802.11n	OFDM	40	15.25	13.45	-0.08	0 mm	Antenna 5T	V1	VX9YW2L9FM	13.5	right	97.8	0.598	1.514	1.022	0.925	0.151	0.234	
5230	46	802.11n	OFDM	40	15.50	14.33	-0.03	0 mm	Antenna 5T	V1	VX9YW2L9FM	13.5	right	97.8	0.840	1.309	1.022	1.124	0.217	0.290	
5230	46	802.11n	OFDM	40	15.50	14.50	0.00	0 mm	Antenna 5T	V2	J4H3Q05YGN	13.5	right	97.8	0.773	1.259	1.022	0.995	0.194	0.250	
5230	46	802.11n	OFDM	40	15.50	14.33	0.00	0 mm	Antenna 5T	V1	VX9YW2L9FM	13.5	left	97.8	0.039	1.309	1.022	0.052	0.005	0.007	
5210	42	802.11ac	OFDM	80	11.50	10.65	0.06	0 mm	Antenna 5T	V1	VX9YW2L9FM	29.3	right	95.3	0.254	1.216	1.049	0.324	0.061	0.078	
5610	122	802.11ac	OFDM	80	14.25	13.83	-0.06	0 mm	Antenna 5T	V1	DN4TT20D6F	29.3	back	95.3	0.087	1.102	1.049	0.101	0.032	0.037	
5610	122	802.11ac	OFDM	80	14.25	13.83	0.12	0 mm	Antenna 5T	V1	DN4TT20D6F	29.3	top	95.3	0.001	1.102	1.049	0.001	0.000	0.000	
5610	122	802.11ac	OFDM	80	14.25	13.83	-0.14	0 mm	Antenna 5T	V1	DN4TT20D6F	29.3	bottom	95.3	0.006	1.102	1.049	0.007	0.002	0.002	
5530	106	802.11ac	OFDM	80	14.25	13.63	0.21	0 mm	Antenna 5T	V1	DN4TT20D6F	29.3	right	95.3	0.810	1.153	1.049	0.980	0.197	0.238	
5610	122	802.11ac	OFDM	80	14.25	13.83	-0.07	0 mm	Antenna 5T	V1	DN4TT20D6F	29.3	right	95.3	0.983	1.102	1.049	1.136	0.247	0.286	
5610	122	802.11ac	OFDM	80	14.25	13.50	-0.13	0 mm	Antenna 5T	V2	TK72MLH4WF	29.3	right	95.3	0.892	1.189	1.049	1.113	0.235	0.293	
5690	138	802.11ac	OFDM	80	14.25	13.65	-0.01	0 mm	Antenna 5T	V1	DN4TT20D6F	29.3	right	95.3	0.940	1.148	1.049	1.132	0.240	0.289	
5610	122	802.11ac	OFDM	80	14.25	13.83	0.12	0 mm	Antenna 5T	V1	DN4TT20D6F	29.3	left	95.3	0.025	1.102	1.049	0.029	0.010	0.012	
5530	106	802.11ac	OFDM	80	10.25	9.28	-0.07	0 mm	Antenna 5T	V1	DN4TT20D6F	29.3	right	95.3	0.228	1.250	1.049	0.299	0.055	0.072	
5775	155	802.11ac	OFDM	80	14.75	14.52	-0.20	0 mm	Antenna 5T	V2	TK72MLH4WF	29.3	back	95.3	0.061	1.054	1.049	0.067	0.025	0.028	
5775	155	802.11ac	OFDM	80	14.75	14.52	-0.18	0 mm	Antenna 5T	V2	TK72MLH4WF	29.3	top	95.3	0.002	1.054	1.049	0.002	0.000	0.000	
5775	155	802.11ac	OFDM	80	14.75	14.52	-0.19	0 mm	Antenna 5T	V2	TK72MLH4WF	29.3	bottom	95.3	0.000	1.054	1.049	0.000	0.000	0.000	
5775	155	802.11ac	OFDM	80	14.75	14.45	0.14	0 mm	Antenna 5T	V1	DN4TT20D6F	29.3	right	95.3	1.010	1.072	1.049	1.136	0.257	0.289	
5775	155	802.11ac	OFDM	80	14.75	14.52	0.07	0 mm	Antenna 5T	V2	TK72MLH4WF	29.3	right	95.3	1.030	1.054	1.049	1.139	0.265	0.293	A27
5775	155	802.11ac	OFDM	80	14.75	14.52	0.13	0 mm	Antenna 5T	V2	TK72MLH4WF	29.3	left	95.3	0.022	1.054	1.049	0.024	0.007	0.008	
5775	155	802.11ac	OFDM	80	10.75	9.67	0.10	0 mm	Antenna 5T	V2	TK72MLH4WF	29.3	right	95.3	0.284	1.282	1.049	0.382	0.070	0.094	
5775	155	802.11ac	OFDM	80	14.75	14.52	0.07	0 mm	Antenna 5T	V2	TK72MLH4WF	29.3	right	95.3	1.010	1.054	1.049	1.117	0.261	0.289	
				Spatial Per	SAFETY LIMIT ak eneral Populatio	n									Body W/kg (mW/g jed over 1 gr						

Note: Blue entry represents variability measurement.

Table 10-84 5 GHz WLAN Antenna 3b Body SAR

	5 GHZ WLAN Antenna 3b Body SAR MEASUREMENT RESULTS																				
									MEAS	UREME	NT RESULTS										
FREQU	ENCY	Mode	Service	Bandwidth [MHz]	Maximum Allowed Power [dBm]	Conducted Power	Power Drift (dB1	Spacing	Antenna Config.	Variant	Device Serial Number	Data Rate	Side	Duty Cycle	SAR (1g)	Scaling Factor (Power)	Scaling Factor (Duty Cycle)	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot
MHz	Ch.											(Mbps)		(%)	(Wilkg)			(W/kg)	(W/kg)	(W/kg)	L
5290	58	802.11ac	OFDM	80	11.00	10.30	-0.16	0 mm	Antenna 3b	V1	VVYXWK96PC	29.3	back	95.3	0.596	1.175	1.049	0.735	0.197	0.243	H
5290	58	802.11ac	OFDM	80	11.00	10.30	-0.05	0 mm	Antenna 3b	V1	VVYXWK96PC	29.3	top	95.3	0.959	1.175	1.049	1.182	0.206	0.254	
5290	58	802.11ac	OFDM	80	11.00	10.28	-0.02	0 mm	Antenna 3b	V2	J4H3Q05YGN	29.3	top	95.3	0.939	1.180	1.049	1.162	0.206	0.255	
5290	58	802.11ac	OFDM	80	11.00	10.30	-0.12	0 mm	Antenna 3b	V1	VVYXWK96PC	29.3	bottom	95.3	0.000	1.175	1.049	0.000	0.000	0.000	
5290	58	802.11ac	OFDM	80	11.00	10.30	0.20	0 mm	Antenna 3b	V1	VVYXWK96PC	29.3	right	95.3	0.030	1.175	1.049	0.037	0.006	0.007	
5290	58	802.11ac	OFDM	80	11.00	10.30	0.12	0 mm	Antenna 3b	V1	VVYXWK96PC	29.3	left	95.3	0.084	1.175	1.049	0.104	0.014	0.017	
5290	58	802.11ac	OFDM	80	7.00	6.21	0.02	0 mm	Antenna 3b	V1	VVYXWK96PC	29.3	back	95.3	0.208	1.199	1.049	0.262	0.058	0.073	
5290	58	802.11ac	OFDM	80	7.00	6.21	0.17	0 mm	Antenna 3b	V1	VVYXWK96PC	29.3	top	95.3	0.367	1.199	1.049	0.462	0.079	0.099	
5290	58	802.11ac	OFDM	80	7.00	6.21	0.14	0 mm	Antenna 3b	V1	VVYXWK96PC	29.3	left	95.3	0.033	1.199	1.049	0.042	0.005	0.006	
5530	106	802.11ac	OFDM	80	11.00	10.41	-0.16	0 mm	Antenna 3b	V1	PDYC4YD2DL	29.3	back	95.3	0.484	1.146	1.049	0.582	0.163	0.196	Г
5610	122	802.11ac	OFDM	80	11.00	10.48	-0.17	0 mm	Antenna 3b	V1	PDYC4YD2DL	29.3	back	95.3	0.687	1.127	1.049	0.812	0.235	0.278	
5690	138	802.11ac	OFDM	80	11.00	10.47	-0.17	0 mm	Antenna 3b	V1	PDYC4YD2DL	29.3	back	95.3	0.557	1.130	1.049	0.660	0.196	0.232	Г
5530	106	802.11ac	OFDM	80	11.00	10.41	0.04	0 mm	Antenna 3b	V1	PDYC4YD2DL	29.3	top	95.3	0.944	1.146	1.049	1.135	0.220	0.264	Г
5610	122	802.11ac	OFDM	80	11.00	10.48	0.11	0 mm	Antenna 3b	V1	PDYC4YD2DL	29.3	top	95.3	1.000	1.127	1.049	1.182	0.238	0.281	f
5610	122	802.11ac	OFDM	80	11.00	10.47	0.20	0 mm	Antenna 3b	V2	J4H3Q05YGN	29.3	top	95.3	0.937	1.130	1.049	1,111	0.218	0.258	T
5690	138	802.11ac	OFDM	80	11.00	10.47	0.05	0 mm	Antenna 3b	V1	PDYC4YD2DL	29.3	top	95.3	0.926	1.130	1.049	1.098	0.221	0.262	T
5610	122	802.11ac	OFDM	80	11.00	10.48	-0.19	0 mm	Antenna 3b	V1	PDYC4YD2DL	29.3	bottom	95.3	0.000	1.127	1.049	0.000	0.000	0.000	t
5610	122	802.11ac	OFDM	80	11.00	10.48	0.15	0 mm	Antenna 3b	V1	PDYC4YD2DL	29.3	right	95.3	0.038	1.127	1.049	0.045	0.008	0.009	t
5610	122	802.11ac	OFDM	80	11.00	10.48	0.07	0 mm	Antenna 3b	V1	PDYC4YD2DL	29.3	left	95.3	0.106	1.127	1.049	0.125	0.017	0.020	t
5690	138	802.11ac	OFDM	80	7.00	6.11	0.00	0 mm	Antenna 3b	V1	PDYC4YD2DL	29.3	back	95.3	0.227	1.227	1.049	0.292	0.077	0.099	t
5690	138	802.11ac	OFDM	80	7.00	6.11	-0.14	0 mm	Antenna 3b	V1	PDYC4YD2DL	29.3	top	95.3	0.300	1.227	1.049	0.386	0.069	0.089	t
5690	138	802.11ac	OFDM	80	7.00	6.11	0.01	0 mm	Antenna 3b	V1	PDYC4YD2DL	29.3	left	95.3	0.042	1.227	1.049	0.054	0.006	0.008	t
5775	155	802.11ac	OFDM	80	11.25	10.41	0.07	0 mm	Antenna 3b	V1	VX9YW2L9FM	29.3	back	95.3	0.668	1,213	1.049	0.850	0.227	0.289	t
5775	155	802.11ac	OFDM	80	11.25	10.41	-0.12	0 mm	Antenna 3b	V1	VX9YW2L9FM	29.3	top	95.3	0.928	1.213	1.049	1.181	0.214	0.272	t
5775	155	802.11ac	OFDM	80	11.25	10.45	0.03	0 mm	Antenna 3b	V2	TK72MLH4WF	29.3	top	95.3	0.896	1.202	1.049	1,130	0.210	0.265	t
5775	155	802.11ac	OFDM	80	11.25	10.41	-0.19	0 mm	Antenna 3b	V1	VX9YW2L9FM	29.3	bottom	95.3	0.000	1.213	1.049	0.000	0.000	0.000	۲
5775	155	802 11ac	OFDM	80	11.25	10.41	0.18	0 mm	Antenna 3h	V1	VX9YW2I 9FM	29.3	right	95.3	0.061	1 213	1.049	0.078	0.012	0.015	t
5775	155	802 11ac	OFDM	80	11.25	10.41	0.13	0.mm	Antenna 3h	V1	VX9YW2L9FM	29.3	left	95.3	0.119	1 213	1.049	0.070	0.020	0.025	f
5775	155	802.11ac	OFDM	80	7.25	6.60	-0.19	0 mm	Antenna 3b	V1	VX9YW2L9FM	29.3	back	95.3	0.242	1.161	1.049	0.295	0.084	0.102	H
5775	155	802.11ac	OFDM	80	7.25	6.60	0.05	0.mm	Antenna 3b	V1	VX9VW2L9FM	29.3	top	95.3	0.242	1.161	1.049	0.295	0.084	0.102	H
5775	155	802.11ac	OFDM	80	7.25	6.60	0.05	0 mm	Antenna 3b	V1	VX9YW2L9FM VX9YW2L9FM	29.3	top	95.3	0.403	1.161	1.049	0.491	0.094	0.114	H
	155		OFDM					-									1.049			0.006	H
5290 5610	122	802.11ac 802.11ac	OFDM	80	11.00	10.30	-0.05	0 mm	Antenna 3b	V1	VVYXWK96PC PDYC4YD2DL	29.3	top	95.3 95.3	0.944	1.175	1.049	1.164	0.206	0.254	H
5610							0.11	0 mm	Antenna 3b	VI	PDYC4YD2DL	29.3	top	96.3		1.127	1:049	1.173	0.230	0.272	
		Al	NOI / IEEE		- SAFETY LIMIT									16	Body W/kg (mW/g						
		Spatial Peak Uncontrolled Exposure/General Population				1.6 W/kg (mw/g) averaged over 1 gram															

Note: Blue entry represents variability measurement.

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Table 10-85 5 GHz WLAN Antenna 1b Body SAR

		3 GHZ WLAN AIREITHA 10 BOUY SAK																			
									MEAS	UREME	NT RESULTS										
FREQU	ENCY	Mode	Service	Bandwidth (MHz)	Maximum Allowed	Conducted Power	Power Drift	Spacing	Antenna Config.	Variant	Device Serial Number	Data Rate	Side	Duty Cycle	SAR (1g)	Scaling Factor	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	Ch.			[MHZ]	Power [dBm]	[dBm]	[dB]				Number	(Mbps)		(%)	(Wikg)	(Power)	(Duty Cycle)	(W/kg)	(W/kg)	(W/kg)	_
5290	58	802.11ac	OFDM	80	9.75	8.86	0.01	0 mm	Antenna 1b	V1	DM62X4GW6P	29.3	back	95.3	0.917	1.227	1.049	1.180	0.264	0.340	
5290	58	802.11ac	OFDM	80	9.75	8.85	-0.04	0 mm	Antenna 1b	V2	QJ47DHQ7PD	29.3	back	95.3	0.909	1.230	1.049	1.173	0.251	0.324	
5290	58	802.11ac	OFDM	80	9.75	8.86	0.01	0 mm	Antenna 1b	V1	DM62X4GW6P	29.3	top	95.3	0.000	1.227	1.049	0.000	0.000	0.000	
5290	58	802.11ac	OFDM	80	9.75	8.86	0.13	0 mm	Antenna 1b	V1	DM62X4GW6P	29.3	bottom	95.3	0.589	1.227	1.049	0.758	0.138	0.178	
5290	58	802.11ac	OFDM	80	9.75	8.86	-0.13	0 mm	Antenna 1b	V1	DM62X4GW6P	29.3	right	95.3	0.016	1.227	1.049	0.021	0.002	0.003	
5290	58	802.11ac	OFDM	80	9.75	8.86	0.11	0 mm	Antenna 1b	V1	DM62X4GW6P	29.3	left	95.3	0.013	1.227	1.049	0.017	0.002	0.003	
5290	58	802.11ac	OFDM	80	5.75	4.72	0.03	0 mm	Antenna 1b	V1	DM62X4GW6P	29.3	back	95.3	0.266	1.268	1.049	0.354	0.078	0.104	
5290	58	802.11ac	OFDM	80	5.75	4.72	0.12	0 mm	Antenna 1b	V1	DM62X4GW6P	29.3	bottom	95.3	0.200	1.268	1.049	0.266	0.045	0.060	
5530	106	802.11ac	OFDM	80	9.75	8.96	-0.12	0 mm	Antenna 1b	V2	QJ47DHQ7PD	29.3	back	95.3	0.886	1.199	1.049	1.114	0.254	0.319	
5610	122	802.11ac	OFDM	80	9.75	8.87	0.05	0 mm	Antenna 1b	V1	DM62X4GW6P	29.3	back	95.3	0.745	1.225	1.049	0.957	0.205	0.263	
5610	122	802.11ac	OFDM	80	9.75	8.84	0.20	0 mm	Antenna 1b	V2	QJ47DHQ7PD	29.3	back	95.3	0.808	1.233	1.049	1.045	0.218	0.282	
5690	138	802.11ac	OFDM	80	9.75	8.76	-0.13	0 mm	Antenna 1b	V2	QJ47DHQ7PD	29.3	back	95.3	0.854	1.256	1.049	1.125	0.224	0.295	
5530	106	802.11ac	OFDM	80	9.75	8.96	0.01	0 mm	Antenna 1b	V2	QJ47DHQ7PD	29.3	top	95.3	0.000	1.199	1.049	0.000	0.000	0.000	
5530	106	802.11ac	OFDM	80	9.75	8.96	-0.08	0 mm	Antenna 1b	V2	QJ47DHQ7PD	29.3	bottom	95.3	0.617	1.199	1.049	0.776	0.138	0.174	
5530	106	802.11ac	OFDM	80	9.75	8.96	-0.05	0 mm	Antenna 1b	V2	QJ47DHQ7PD	29.3	right	95.3	0.021	1.199	1.049	0.026	0.003	0.004	
5530	106	802.11ac	OFDM	80	9.75	8.96	-0.04	0 mm	Antenna 1b	V2	QJ47DHQ7PD	29.3	left	95.3	0.034	1.199	1.049	0.043	0.007	0.009	
5690	138	802.11ac	OFDM	80	5.75	4.82	-0.07	0 mm	Antenna 1b	V2	QJ47DHQ7PD	29.3	back	95.3	0.220	1.239	1.049	0.286	0.050	0.065	
5690	138	802.11ac	OFDM	80	5.75	4.82	0.14	0 mm	Antenna 1b	V2	QJ47DHQ7PD	29.3	bottom	95.3	0.190	1.239	1.049	0.247	0.040	0.052	
5775	155	802.11ac	OFDM	80	10.75	9.76	0.13	0 mm	Antenna 1b	V1	DM62X4GW6P	29.3	back	95.3	0.828	1.256	1.049	1.091	0.227	0.299	
5775	155	802.11ac	OFDM	80	10.75	9.72	0.01	0 mm	Antenna 1b	V2	J4H3Q05YGN	29.3	back	95.3	0.798	1.268	1.049	1.061	0.208	0.277	
5775	155	802.11ac	OFDM	80	10.75	9.76	0.01	0 mm	Antenna 1b	V1	DM62X4GW6P	29.3	top	95.3	0.000	1.256	1.049	0.000	0.000	0.000	
5775	155	802.11ac	OFDM	80	10.75	9.76	-0.16	0 mm	Antenna 1b	V1	DM62X4GW6P	29.3	bottom	95.3	0.660	1.256	1.049	0.870	0.145	0.191	
5775	5 155 802.11ac OFDM 80 10.75 9.76 0							0 mm	Antenna 1b	V1	DM62X4GW6P	29.3	right	95.3	0.019	1.256	1.049	0.025	0.003	0.004	
5775	155	802.11ac	OFDM	80	10.75	9.76	0.13	0 mm	Antenna 1b	V1	DM62X4GW6P	29.3	left	95.3	0.038	1.256	1.049	0.050	0.007	0.009	
5775	155	802.11ac	OFDM	80	6.75	5.74	0.18	0 mm	Antenna 1b	V1	DM62X4GW6P	29.3	back	95.3	0.232	1.262	1.049	0.307	0.060	0.079	
5775	155 802.11ac OFDM 80 6.75 5.74 -0.0						-0.06	0 mm	Antenna 1b	V1	DM62X4GW6P	29.3	bottom	95.3	0.217	1.262	1.049	0.287	0.046	0.061	
	ANSI / IEEE C95.1 1992 - SAFETY LIMIT							Body													
				Spatial Per	ak									1.6	W/kg (mW/g)					
		Uncontrolled Exposure/General Population												avera	ged over 1 gr	am					

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Table 10-86 Bluetooth Antenna 1a Body SAR

	MEASUREMENT RESULTS																			
FREQU	ENCY	Mode	Service	Maximum Allowed Power	Conducted Power [dBm]	Power Drift	Spacing	Antenna	Variant	Device Serial	Data Rate	Side	Duty Cycle	SAR (1g)	Scaling Factor	Scaling Factor	Reported SAR (1g)	SAR (10g)	Reported SAR (10g)	Plot#
MHz	Ch.			[dBm]	Power(dBm)	[dB]		Config.		Number	(Mbps)		(%)	(W/kg)	(Cond Power)	(Duty Cycle)	(W/kg)	(W/kg)	(W/kg)	
2402	0	Bluetooth	FHSS	13.00	11.56	0.04	0 mm	Antenna 1a	V2	J4H3Q05YGN	1	back	76.8	0.721	1.393	1.009	1.013	0.280	0.394	
2441	39	Bluetooth	FHSS	13.00	11.77	0.01	0 mm	Antenna 1a	V2	J4H3Q05YGN	1	back	76.8	0.634	1.327	1.009	0.849	0.243	0.325	
2480	78	Bluetooth	FHSS	13.00	11.58	0.01	0 mm	Antenna 1a	V2	J4H3Q05YGN	1	back	76.8	0.566	1.387	1.009	0.792	0.217	0.304	
2441	39	Bluetooth	FHSS	13.00	11.77	-0.06	0 mm	Antenna 1a	V2	J4H3Q05YGN	1	top	76.8	0.010	1.327	1.009	0.013	0.004	0.005	
2441	39	Bluetooth	FHSS	13.00	11.77	0.03	0 mm	Antenna 1a	V2	J4H3Q05YGN	1	bottom	76.8	0.259	1.327	1.009	0.347	0.074	0.099	
2441	39	Bluetooth	FHSS	13.00	11.77	0.12	0 mm	Antenna 1a	V2	J4H3Q05YGN	1	right	76.8	0.000	1.327	1.009	0.000	0.000	0.000	
2402	0	Bluetooth	FHSS	13.00	11.56	-0.01	0 mm	Antenna 1a	V2	J4H3Q05YGN	1	left	76.8	0.835	1.393	1.009	1.174	0.289	0.406	
2402	0	Bluetooth	FHSS	13.00	11.40	0.04	0 mm	Antenna 1a	V1	DM62X4GW6P	1	left	76.7	0.775	1.445	1.010	1.131	0.269	0.393	
2441	39	Bluetooth	FHSS	13.00	11.77	-0.02	0 mm	Antenna 1a	V2	J4H3Q05YGN	1	left	76.8	0.799	1.327	1.009	1.070	0.278	0.372	
2480	78	Bluetooth	FHSS	13.00	11.58	0.02	0 mm	Antenna 1a	V2	J4H3Q05YGN	1	left	76.8	0.687	1.387	1.009	0.961	0.231	0.323	
2441	39	Bluetooth	FHSS	10.00	9.15	0.05	0 mm	Antenna 1a	V2	J4H3Q05YGN	1	back	76.8	0.404	1.216	1.009	0.496	0.153	0.188	
2441	39	Bluetooth	FHSS	10.00	9.15	0.01	0 mm	Antenna 1a	V2	J4H3Q05YGN	1	bottom	76.8	0.130	1.216	1.009	0.160	0.036	0.044	
2441	39	Bluetooth	FHSS	10.00	9.15	0.11	0 mm	Antenna 1a	V2	J4H3Q05YGN	1	left	76.8	0.422	1.216	1.009	0.518	0.148	0.182	
2402	0	Bluetooth	FHSS	8.00	7.20	0.04	0 mm	Antenna 1a	V2	J4H3Q05YGN	1	back	76.8	0.275	1.202	1.009	0.334	0.105	0.127	
2402	0	Bluetooth	FHSS	8.00	7.20	-0.05	0 mm	Antenna 1a	V2	J4H3Q05YGN	1	bottom	76.8	0.102	1.202	1.009	0.124	0.028	0.034	
2402	0	Bluetooth	FHSS	8.00	7.20	-0.03	0 mm	Antenna 1a	V2	J4H3Q05YGN	1	left	76.8	0.287	1.202	1.009	0.348	0.100	0.121	
2402	0	Bluetooth	FHSS	6.00	5.50	-0.03	0 mm	Antenna 1a	V2	J4H3Q05YGN	1	back	76.8	0.117	1.122	1.009	0.132	0.044	0.050	
2402	0 Bluetooth FHSS 6.00 5.50 0.19					0.19	0 mm	Antenna 1a	V2	J4H3Q05YGN	1	bottom	76.8	0.072	1.122	1.009	0.082	0.019	0.022	
2402	2 0 Bluetooth FHSS 6.00 5.50 -0.0						0 mm	Antenna 1a	V2	J4H3Q05YGN	1	left	76.8	0.201	1.122	1.009	0.228	0.070	0.079	
	ANSI / IEEE C95.1 1992 - SAFETY LIMIT						Body													
	Spatial Peak						l							W/kg (mW/g						
	Uncontrolled Exposure/General Population												averag	ed over 1 gra	am					

Note: The reported SAR was scaled to the 77.5% transmission duty factor to determine compliance since the duty factor of the device is permanently limited to 77.5% per the manufacturer.

Table 10-87 Bluetooth Antenna 3a Body SAR

0 0 0	Mode Bluetooth Bluetooth Bluetooth	Service FHSS FHSS	Maximum Allowed Power [dBm]	Conducted Power [dBm]	Power Drift [dB]	Spacing	Antenna	ME	ASUREMENT	RESULTS								Reported SAR							
0 0 0	Bluetooth	FHSS	Allowed Power [dBm]	Power [dBm]		Spacing	Antenna						MEASUREMENT RESULTS												
0	Bluetooth			12.30			Config.	Variant	Device Serial Number	Data Rate (Mbps)	Side	Cycle	SAR (1g)	Scaling Factor (Cond Power)	Scaling Factor (Duty Cycle)	Reported SAR (1g)	SAR (10g)	(10g)	Plot#						
0	Bluetooth		13.00									(%)	(W/kg)			(W/kg)	(W/kg)	(W/kg)							
0		FHSS			0.02	0 mm	Antenna 3a	V2	J4H3Q05YGN	1	back	76.7	0.314	1.175	1.010	0.373	0.139	0.165							
_	Bluetooth		13.00	12.30	0.02	0 mm	Antenna 3a	V2	J4H3Q05YGN	1	top	76.7	0.216	1.175	1.010	0.256	0.063	0.075							
0		FHSS	13.00	12.30	-0.14	0 mm	Antenna 3a	V2	J4H3Q05YGN	1	bottom	76.7	0.011	1.175	1.010	0.013	0.005	0.006							
	Bluetooth	FHSS	13.00	12.30	0.07	0 mm	Antenna 3a	V2	J4H3Q05YGN	1	right	76.7	0.805	1.175	1.010	0.955	0.279	0.331							
39	Bluetooth	FHSS	13.00	12.13	0.02	0 mm	Antenna 3a	V2	J4H3Q05YGN	1	right	76.7	0.829	1.222	1.010	1.023	0.286	0.353							
78	Bluetooth	FHSS	13.00	12.21	0.05	0 mm	Antenna 3a	V2	J4H3Q05YGN	1	right	76.7	0.899	1.199	1.010	1.089	0.311	0.377	A28						
78	Bluetooth	FHSS	13.00	12.01	-0.04	0 mm	Antenna 3a	V1	DM62X4GW6P	1	right	76.7	0.843	1.256	1.010	1.069	0.290	0.368							
0	Bluetooth	FHSS	13.00	12.30	-0.13	0 mm	Antenna 3a	V2	J4H3Q05YGN	1	left	76.7	0.000	1.175	1.010	0.000	0.000	0.000							
0	Bluetooth	FHSS	10.00	9.18	0.08	0 mm	Antenna 3a	V2	J4H3Q05YGN	1	back	76.7	0.201	1.208	1.010	0.245	0.088	0.107							
0	Bluetooth	FHSS	10.00	9.18	-0.12	0 mm	Antenna 3a	V2	J4H3Q05YGN	1	top	76.7	0.147	1.208	1.010	0.179	0.043	0.052							
0	Bluetooth	FHSS	10.00	9.18	-0.03	0 mm	Antenna 3a	V2	J4H3Q05YGN	1	right	76.7	0.497	1.208	1.010	0.606	0.174	0.212							
39	Bluetooth	FHSS	7.50	7.20	0.09	0 mm	Antenna 3a	V2	J4H3Q05YGN	- 1	back	76.7	0.109	1.072	1.010	0.118	0.046	0.050							
39	Bluetooth	FHSS	7.50	7.20	-0.15	0 mm	Antenna 3a	V2	J4H3Q05YGN	1	top	76.7	0.090	1.072	1.010	0.097	0.026	0.028							
39	Bluetooth	FHSS	7.50	7.20	-0.04	0 mm	Antenna 3a	V2	J4H3Q05YGN	1	right	76.7	0.307	1.072	1.010	0.332	0.107	0.116							
78	Bluetooth	FHSS	7.00	6.27	-0.15	0 mm	Antenna 3a	V2	J4H3Q05YGN	1	back	76.7	0.081	1.183	1.010	0.097	0.034	0.041							
78	Bluetooth	FHSS	7.00	6.27	-0.03	0 mm	Antenna 3a	V2	J4H3Q05YGN	1	top	76.7	0.073	1.183	1.010	0.087	0.020	0.024							
78	Bluetooth	FHSS	7.00	6.27	-0.12	0 mm	Antenna 3a	V2	J4H3Q05YGN	1	right	76.7	0.220	1.183	1.010	0.263	0.070	0.084							
39 Bluetooth FHSS 6.00 5.37 0.0					0.05	0 mm	Antenna 3a	V2	J4H3Q05YGN	1	back	76.7	0.064	1.156	1.010	0.075	0.026	0.030							
39 Bluetooth FHSS 6.00 5.37 0.0					0.01	0 mm	Antenna 3a	V2	J4H3Q05YGN	1	top	76.7	0.050	1.156	1.010	0.058	0.014	0.016							
39 Bluetooth FHSS 6.00 5.37 0.08					0.08	0 mm	Antenna 3a	V2	J4H3Q05YGN	1	right	76.7	0.189	1.156	1.010	0.221	0.065	0.076							
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak					Body 1.8 W/kg (mW/g)																				
	78 78 0 0 0 0 39 39 39 78 78 78 39	78 Blustooth 78 Blustooth 79 Blustooth 0 Blustooth 0 Blustooth 0 Blustooth 0 Blustooth 10 Blustooth 10 Blustooth 10 Blustooth 10 Blustooth 10 Blustooth 10 Blustooth 11 Blustooth 12 Blustooth 13 Blustooth 13 Blustooth 14 Blustooth 15 Blustooth 16 Blustooth 17 Blustooth 18 Blusto	78 Blustooth FHSS 78 Blustooth FHSS 0 Blustooth FHSS 0 Blustooth FHSS 0 Blustooth FHSS 0 Blustooth FHSS 30 Blustooth FHSS 30 Blustooth FHSS 78 Blustooth FHSS 78 Blustooth FHSS 30 Blustooth FHSS	Bluetooth FHSS 13.00							Blustoch PHSS 13.00 12.21 0.05 0.mm Antenna 3a V2 J4H0005YGN 1	Bluetoch FHSS 13.00 12.21 0.05 0.mm Arterna 3a V2 J4FL000YGN 1 right	Blustoch FHSS 13.00 12.21 0.05 0.mm Anterina 3a V2 J4H3CODYGN 1 right 76.7	Blaetoch FHSS 13.00 12.21 0.05 0.mm Arterna 3a V2 J4H3DOSYGN 1 right 76.7 0.3899	Blustoch FHSS 13.00 12.21 0.05 0.mm Anterina 3a VZ J4H3CODYCN 1 mght 76.7 0.889 1.199	Blustoch FHSS 13.00 12.21 0.05 0.mm Antenna 3a V2 J493Q00YON 1 ngist 76.7 0.899 1.199 1.010	Blustoch FHSS 13.00 12.21 0.05 0.mm Anterina 3a VZ J4H3COSYON 1 mght 76.7 0.889 1.199 1.010 1.689	Bulletick FHSS 13.00 12.21 0.05 0.mm Anterna 3a V.2 J460205YGN 1 right 76.7 0.899 1.199 1.010 1.089 0.311	Balendon FHSS 13.00 12.21 0.05 0 mm Anterna 3a V2 J46DOSYGN 1 splt 76.7 0.869 1.199 1.010 1.069 0.311 0.377 Billandon FHSS 13.00 12.01 0.04 0 mm Anterna 3a V2 J46DOSYGN 1 splt 76.7 0.869 1.199 1.010 1.069 0.300 0.300 0.300 Billandon FHSS 13.00 12.30 0.13 0 mm Anterna 3a V2 J46DOSYGN 1 splt 76.7 0.869 1.199 1.010 0.000 0.000 0.000 0.000 Billandon FHSS 13.00 1.230 0.18 0.58 0.58 0.58 0.58 0.58 0.58 0.58 0.5						

Note: The reported SAR was scaled to the 77.5% transmission duty factor to determine compliance since the duty factor of the device is permanently limited to 77.5% per the manufacturer.

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10.2 SAR Test Notes

General Notes:

- 1. The test data reported are the worst-case SAR values according to test procedures specified in FCC KDB Publication 616217 D04v01r02, and FCC KDB Publication 447498 D01v06.
- Batteries are fully charged at the beginning of the SAR measurements.
- 3. Liquid tissue depth was at least 15.0 cm for all frequencies.
- 4. The manufacturer has confirmed that the device(s) tested have the same physical, mechanical and thermal characteristics and are within operational tolerances expected for production units.
- SAR results were scaled to the maximum allowed power to demonstrate compliance per FCC KDB Publication 447498 D01v06.
- 6. Per FCC KDB 865664 D01v01r04, variability SAR tests were performed when the measured SAR results for a frequency band were greater than or equal to 0.8 W/kg. Repeated SAR measurements are highlighted in the tables above for clarity. Please see Section 12 for variability analysis.
- 7. FCC KDB Publication 616217 D04v01r02 Section 4.3, SAR tests are required for the back surface and edges of the tablet with the tablet touching the phantom. The SAR Exclusion Threshold in FCC KDB 447498 D01v06 was applied to determine SAR test exclusion for adjacent edge configurations.
- 8. This device uses Smart Transmit for 3G/4G/5G operations to control and manage transmitting power in real time to ensure RF Exposure compliance. Per FCC Guidance, compliance for was assessed at the minimum of the time averaged power and the maximum output power for each band/mode/exposure condition (DSI).
- The orange highlights throughout the report represents the highest scaled SAR per Equipment Class.

UMTS Notes:

- UMTS mode was tested under RMC 12.2 kbps with HSPA Inactive per KDB Publication 941225 D01v03r01. AMR and HSPA SAR was not required per the 3G Test Reduction Procedure in KDB Publication 941225 D01v03r01.
- 2. Per FCC KDB Publication 447498 D01v06, if the reported (scaled) SAR measured at the highest output power channel for each test configuration is ≤ 0.8 W/kg for 1g evaluations then testing at the other channels is not required for such test configuration(s).

LTE Notes:

- 1. LTE test configurations are determined according to SAR Evaluation Considerations for LTE Devices in FCC KDB Publication 941225 D05v02r04. The general test procedures used for testing can be found in Section 7.5.4.
- 2. MPR is permanently implemented for this device by the manufacturer. The specific manufacturer target MPR is indicated alongside the SAR results. MPR is enabled for this device, according to 3GPP TS36.101 Section 6.2.3 – 6.2.5 under Table 6.2.3-1.
- 3. A-MPR was disabled for all SAR tests by setting NS=01 and MCC=001 on the base station simulator. SAR tests were performed with the same number of RB and RB offsets transmitting on all TTI frames (maximum TTI).
- 4. Per FCC KDB Publication 447498 D01v06, when the reported LTE Band 41 and LTE Band 48 SAR measured at the highest output power channel in a given a test configuration was > 0.6 W/kg for 1g evaluations, testing at the other channels was required for such test configurations.
- TDD LTE was tested per the guidance provided in FCC KDB Publication 941225 D05v02r04. Testing was performed using UL-DL configuration 0 with 6 UL subframes and 2 S subframes using extended cyclic prefix only and special subframe configuration 6. SAR tests were performed at maximum output power and worst-case transmission duty factor in extended cyclic prefix. Per 3GPP 36.211 Section 4, the duty factor for special subframe configuration 6 using extended cyclic prefix is 0.633.

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- 6. Per KDB Publication 941225 D05Av01r02, SAR for downlink only LTE CA operations was not needed since the maximum average output power in LTE CA mode was not >0.25 dB higher than the maximum output power when downlink carrier aggregation was inactive.
- 7. This device supports Power Class 2 and Power Class 3 operations for LTE Band 41. The highest available duty cycle for Power Class 2 operations is 43.3 % using UL-DL configuration 1. Per FCC Guidance, all SAR tests were performed using Power Class 3. SAR with power class 2 at the available duty factor was additionally performed for the power class 3 configuration with the highest SAR configuration for each exposure conditions. Please see Section 13 for linearity results.
- 8. For LTE Band 5, LTE Band 66, LTE Band 7, LTE Band 41, and LTE Band 48, per FCC guidance, SAR was first measured with only a single carrier active in the uplink (carrier aggregation not active). For each exposure condition, the uplink CA scenario with two component carriers was additionally tested for the configuration with the highest SAR when carrier aggregation was not active. The SCC was configured with the closest available contiguous channel. The two component carriers were configured so the resource blocks are physically allocated side by side to achieve the maximum output power.
- This device supports LTE Band 41 ULCA active with Power Class 2. Highest SAR test configuration for each exposure condition in Power Class 3 with ULCA active was repeated with Power Class 2 with ULCA active.
- 10. This device supports downlink 4x4 MIMO operations for some LTE Bands. Per May 2017 TCB Workshop Notes, SAR for 4x4 DL MIMO was not needed since the maximum average output power in 4x4 DL MIMO mode was not more than 0.25 dB higher than the maximum output power with 4x4 DL MIMO inactive. Additionally, SAR for 4x4 MIMO Downlink Carrier Aggregation was not needed since the maximum output power in 4x4 MIMO Downlink Carrier Aggregation mode was not more than 0.25 dB higher than the maximum output power with 4x4 MIMO Downlink and downlink carrier aggregation inactive.

NR Notes:

- NR implementation supports SA and NSA modes. NR implementation in EN-DC mode operates with the LTE Bands shown in the NR FR1 checklist acting as anchor bands. Per FCC guidance, SAR tests for NR Bands and LTE Anchors Bands were performed separately due to limitations in SAR probe calibration factors.
- 2. Per FCC KDB Publication 447498 D01v06, when the reported SAR measured at the highest output power channel in a given a test configuration was > 0.4 W/kg for NR n77 C 1g evaluations, > 0.6 W/kg for NR n41 1g evaluations, and > 0.8 W/kg for NR n77 DoD, testing at the other channels was required for such test configurations.
- 3. Due to test setup limitations, SAR testing for NR was performed using test mode software to establish the connection.
- 4. Simultaneous transmission analysis for EN-DC operations is addressed in the Part 2 Test Report (Serial Number can be found in the bibliography).
- 5. This device additionally supports some EN-DC conditions where additional LTE carriers are added on the downlink only.
- 6. Per FCC Guidance, NR modulations and RB Sizes/Offsets were selected for testing such that configurations with the highest output power were evaluated for SAR tests.
- 7. This device supports Power Class 2 and Power Class 3 operations for NR Band n41, NR Band n77 DoD, and NR Band n77 C. The highest available duty cycle for Power Class 2 operations is 100.0 %. Per FCC Guidance, all SAR tests were performed using Power Class 2.

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WLAN Notes:

- Justification for test configurations for WLAN per KDB Publication 248227 D01v02r02 for 2.4 GHz WIFI single transmission chain operations, the highest measured maximum output power channel for DSSS was selected for SAR measurement. SAR for OFDM modes (2.4 GHz 802.11g/n/ax) was not required due to the maximum allowed powers and the highest reported DSSS SAR. See Section 7.6.4 for more information.
- 2. Justification for test configurations for WLAN per KDB Publication 248227 D01v02r02 for 5 GHz WIFI single transmission chain operations, the initial test configuration was selected according to the transmission mode with the highest maximum allowed powers. Other transmission modes were not investigated since the highest reported SAR for initial test configuration adjusted by the ratio of maximum output powers is less than 1.2 W/kg for 1g evaluations. See Section 7.6.5 for more information.
- 3. Per KDB Publication 248227 D01v02r02, SAR for MIMO was evaluated by following the simultaneous SAR provisions from KDB Publication 447498 D01v06 by either evaluating the sum of the 1g SAR values of each antenna transmitting independently or making a SAR measurement with both antennas transmitting simultaneously. Please see Section 11 for complete analysis.
- 4. When the maximum reported 1g averaged SAR is ≤0.8 W/kg, SAR testing on additional channels was not required. Otherwise, SAR for the next highest output power channel was required until the reported SAR result was ≤ 1.20 W/kg for 1g evaluations or all test channels were measured.
- 5. The device was configured to transmit continuously at the required data rate, channel bandwidth and signal modulation, using the highest transmission duty factor supported by the test mode tools. The reported SAR was scaled to the 100% transmission duty factor to determine compliance. Procedures used to measure the duty factor are identical to that in the associated EMC test reports.
- 6. The time-averaged mechanism for WLAN operations was disabled for the above SAR measurements. The SAR was scaled to the maximum time-averaged output power

Bluetooth Notes

 Bluetooth SAR was evaluated with a test mode with hopping disabled with DH5 operation. The reported SAR was scaled to the 77.5% transmission duty factor to determine compliance since the duty factor of the device is limited to 77.5% per the manufacturer. See Section 8.10 for the time domain plot and calculation for the duty factor of the device.

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FCC MULTI-TX AND ANTENNA SAR CONSIDERATIONS

11.1 Introduction

The following procedures adopted from FCC KDB Publication 447498 D01v06 are applicable to devices with builtin unlicensed transmitters such as 802.11 and Bluetooth devices which may simultaneously transmit with the licensed transmitter.

11.2 Simultaneous Transmission Procedures

This device contains transmitters that may operate simultaneously. Therefore, simultaneous transmission analysis is required. Per FCC KDB Publication 447498 D01v06 4.3.2 and IEEE 1528-2013 Section 6.3.4.1.2, simultaneous transmission SAR test exclusion may be applied when the sum of the 1g SAR for all the simultaneous transmitting antennas in a specific a physical test configuration is ≤1.6 W/kg. The different test positions in an exposure condition may be considered collectively to determine SAR test exclusion according to the sum of 1g or 10g SAR.

Note:

SAR Summations for some scenarios when the output power levels are reduced, SAR values at the maximum output power level were used as the most conservative evaluation for simultaneous transmission analysis.

For each position, the highest SAR value across all modes for the applicable cellular band antenna was considered for summation to determine simultaneous SAR test exclusion.

*The SAR distributions for at least one of the antennas are spatially separated from the other antennas per FCC KDB Publication 248227 Section 6.1 procedures. Therefore, the simultaneous transmission were treated independently for this configuration. See section 11.4 for more information about the Spatial Separation Analysis.

Qualcomm Smart Transmit algorithm in WWAN adds directly the time-averaged RF exposure from 4G (including scenarios with inter-band ULCA active) and time-averaged RF exposure from 5G NR. Smart Transmit algorithm controls the total RF exposure from both 4G and 5G NR and during inter-band ULCA active conditions to not exceed FCC limit. Therefore, simultaneous transmission compliance between 4G+5G operations (including scenarios with inter-band ULCA active) is demonstrated in the Part 2 Report during algorithm validation.

All 3G/4G/5G transmitting antennas are within one Smart Transmit Gen2 antenna group, therefore no additional simultaneous analysis is required.

11.3 Body SAR Simultaneous Transmission Analysis

Table 11-1 Cellular Band Ant 1a Simultaneous Transmission Scenario with 2.4 GHz WLAN

Simult Tx	Configuration	Cellular Band Antenna 1a SAR (W/kg)	2.4 GHz WLAN Antenna 1a Reduced at 9.25dBm SAR (W/kg)	I 2 4 GHZ WI AN Antenna I	2	ΣSAR (W/	kg)
		1	2	3	1+2	1+3	1+2+3
	Back	0.772	0.574	0.561	1.346	1.333	1.346*
	Тор	0.019	0.013	0.356	0.032	0.375	0.388
Body SAR	Bottom	0.290	0.230	0.014	0.520	0.304	0.534
	Right	0.012	0.003	1.182	0.015	1.194	1.197
	Left	0.895	0.586	0.001	1.481	0.896	1.482

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Table 11-2 Cellular Band Ant 1b Simultaneous Transmission Scenario with 2.4 GHz WLAN

Simult Tx		Cellular Band Antenna 1b SAR (W/kg)	2.4 GHz WLAN Antenna 1a Reduced at 9.25dBm SAR (W/kg)	2.4 GHz WLAN Antenna 3a SAR (W/kg)	Σ SAR (W/kg)		
		1	2	3	1+2	1+3	1+2+3
	Back	0.898	0.574	0.561	1.472	1.459	1.472*
	Тор	0.053	0.013	0.356	0.066	0.409	0.422
Body SAR	Bottom	0.893	0.230	0.014	1.123	0.907	1.137
	Right	0.043	0.003	1.182	0.046	1.225	1.228
	Left	0.047	0.586	0.001	0.633 0.048		0.634

Table 11-3 Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz WLAN

Simult Tx	Configuration	Configuration Cellular Band Antenna 2 2.4 GHz WLAN Antenna 2.4 GH 1a SAR (W/kg) 3a		2.4 GHz WLAN Antenna 3a SAR (W/kg)	Σ SAR (W/kg)		
		1	2	3	1+2	1+3	1+2+3
	Back	0.899	1.127	0.561	1.127*	1.460	1.460*
	Тор	0.028	0.013	0.356	0.041	0.384	0.397
Body SAR	Bottom	0.861	0.467	0.014	1.328	0.875	1.342
	Right	0.897	0.003	1.182	0.900	1.182*	1.185*
	Left	0.060	1.183	0.001	1.243	0.061	1.244

Table 11-4 Cellular Band Ant 3a Simultaneous Transmission Scenario with 2.4 GHz WLAN

Simult Tx		Cellular Band Antenna 3a SAR (W/kg)	2.4 GHz WLAN Antenna 1a SAR (W/kg)	2.4 GHz WLAN Antenna 3a Reduced at 8.5dBm SAR (W/kg)	ΣSAR (W/kg)		
		1	2	3	1+2	1+3	1+2+3
	Back	0.539	1.127	0.276	1.127*	0.815	1.127*
	Тор	0.265	0.013	0.194	0.278	0.459	0.472
Body SAR	Bottom	0.017	0.467	0.014	0.484	0.031	0.498
	Right	0.897	0.003	0.614 0.900 1.51		1.511	1.514
	Left	0.014	1.183	0.001 1.197 0.01		0.015	1.198

Table 11-5 Cellular Band Ant 3b Simultaneous Transmission Scenario with 2.4 GHz WLAN

Simult Tx		Cellular Band Antenna 3b SAR (W/kg)	2.4 GHz WLAN Antenna 1a SAR (W/kg)	2.4 GHz WLAN Antenna 3a Reduced at 8.5dBm SAR (W/kg)	Σ SAR (W/kg)		
		1	2	3	1+2	1+3	1+2+3
	Back	0.998	1.127	0.276	1.127*	1.274	1.274*
	Тор	0.997	0.013	0.194	1.010	1.191	1.204
Body SAR	Bottom	0.139	0.467	0.014	0.606	0.153	0.620
	Right	0.080	0.003	0.614	0.083	0.694	0.697
	Left	0.040	1.183	0.001	1.223	0.041	1.224

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Table 11-6
Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz WLAN

Simult Tx	Configuration	Cellular Band Antenna 4 SAR (W/kg)	Cellular Band Antenna 4 SAR (W/kg) 2.4 GHz WLAN Antenna 2.4 GHz W 3a SAR (W/kg) 3a SA		Σ SAR (W/kg)		
		1	2	3	1+2	1+3	1+2+3
	Back	0.999	1.127	0.561	1.127*	1.560	1.560*
	Тор	0.997	0.013	0.356	1.010	1.353	1.366
Body SAR	Bottom	0.040	0.467	0.014	0.507	0.054	0.521
	Right	0.091	0.003	1.182	0.094	1.273	1.276
	Left	0.995	1.183	0.001	1.183*	0.996	1.184*

Table 11-7
Cellular Band Ant 1a Simultaneous Transmission Scenario with 5 GHz WLAN

Simult Tx	Configuration	Cellular Band Antenna 1a SAR (W/kg)	5 GHz WLAN Antenna 1b Reduced SAR (W/kg)	5 GHz WLAN Antenna 3b SAR (W/kg)	5 GHz WLAN Antenna 5T SAR (W/kg)	2	ΣSAR (W/I	kg)
		1	2	3	4	1+2+3	1+2+4	1+3+4
	Back	0.772	0.354	0.850	0.124	1.126*	1.250	0.974*
	Тор	0.019	0.000	1.182	0.004	1.201	0.023	1.205
Body SAR	Bottom	0.290	0.287	0.000	0.007	0.577	0.584	0.297
	Right	0.012	0.026	0.078	1.139	0.116	1.177	1.229
	Left	0.895	0.050	0.151	0.052	1.096	0.997	1.098

Table 11-8
Cellular Band Ant 1b Simultaneous Transmission Scenario with 5 GHz WLAN

	Condital Dana / title 10 Cinical Could Transcribe Countries Transcribe Countries Count										
Simult Tx		Cellular Band Antenna 1b SAR (W/kg)	5 GHz WLAN Antenna 1b Reduced SAR (W/kg)	5 GHz WLAN Antenna 3b SAR (W/kg)	5 GHz WLAN Antenna 5T SAR (W/kg)	2	SAR (W/I	kg)			
		1	2	3	4	1+2+3	1+2+4	1+3+4			
	Back	0.898	0.354	0.850	0.124	1.252*	1.376	0.974*			
	Тор	0.053	0.000	1.182	0.004	1.235	0.057	1.239			
Body SAR	Bottom	0.893	0.287	0.000	0.007	1.180	1.187	0.900			
	Right	0.043	0.026	0.078	1.139	0.147	1.208	1.260			
	Left	0.047	0.050	0.151	0.052	0.248	0.149	0.250			

Table 11-9
Cellular Band Ant 2 Simultaneous Transmission Scenario with 5 GHz WLAN

	Celiulai Band Ant 2 Simultaneous Transmission Scenario With 3 Onz WEAR										
Simult Tx	Configuration	Cellular Band Antenna 2 SAR (W/kg)	5 GHz WLAN Antenna 1b Reduced SAR (W/kg)	5 GHz WLAN Antenna 3b SAR (W/kg)	5 GHz WLAN Antenna 5T SAR (W/kg)	2	ΣSAR (W/I	kg)			
		1	2	3	4	1+2+3	1+2+4	1+3+4			
	Back	0.899	0.354	0.850	0.124	1.253*	1.377	1.023*			
	Тор	0.028	0.000	1.182	0.004	1.210	0.032	1.214			
Body SAR	Bottom	0.861	0.287	0.000	0.007	1.148	1.155	0.868			
	Right	0.897	0.026	0.078	1.139	1.001	1.165*	1.217*			
	Left	0.060	0.050	0.151	0.052	0.261	0.162	0.263			

Table 11-10
Cellular Band Ant 3a Simultaneous Transmission Scenario with 5 GHz WLAN

	Octidial Band Ant 3a Officialicous Transmission Occidino With 3 One WEAR										
Simult Tx		Cellular Band Antenna 3a SAR (W/kg)	5 GHz WLAN Antenna 1b SAR (W/kg)	5 GHz WLAN Antenna 3b Reduced SAR (W/kg)	5 GHz WLAN Antenna 5T Reduced SAR (W/kg)	2	SAR (W/I	kg)			
		1	2	3	4	1+2+3	1+2+4	1+3+4			
	Back	0.539	1.180	0.295	0.124	1.180*	1.180*	0.958			
	Тор	0.265	0.000	0.491	0.004	0.756	0.269	0.760			
Body SAR	Bottom	0.017	0.870	0.000	0.007	0.887	0.894	0.024			
-	Right	0.897	0.026	0.078	0.382	1.001	1.305	1.357			
	Left	0.014	0.050	0.054	0.052	0.118	0.116	0.120			

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Table 11-11 Cellular Band Ant 3b Simultaneous Transmission Scenario with 5 GHz WLAN

Simult Tx	Configuration	Cellular Band Antenna 3b SAR (W/kg)	5 GHz WLAN Antenna 1b SAR (W/kg)	5 GHz WLAN Antenna 3b Reduced SAR (W/kg)	5 GHz WLAN Antenna 5T SAR (W/kg)	2	ΣSAR (W/I	kg)
		1	2	3	4	1+2+3	1+2+4	1+3+4
	Back	0.998	1.180	0.295	0.124	1.293*	1.180*	1.417
	Тор	0.997	0.000	0.491	0.004	1.488	1.001	1.492
Body SAR	Bottom	0.139	0.870	0.000	0.007	1.009	1.016	0.146
	Right	0.080	0.026	0.078	1.139	0.184	1.245	1.297
	Left	0.040	0.050	0.054	0.052	0.144	0.142	0.146

Table 11-12 Cellular Band Ant 4 Simultaneous Transmission Scenario with 5 GHz WLAN

Simult Tx	Configuration	Cellular Band Antenna 4 SAR (W/kg)	5 GHz WLAN Antenna 1b SAR (W/kg)	5 GHz WLAN Antenna 3b Reduced SAR (W/kg)	5 GHz WLAN Antenna 5T SAR (W/kg)	2	ΣSAR (W/I	kg)			
		1	2	3	4	1+2+3	1+2+4	1+3+4			
	Back	0.999	1.180	0.295	0.124	1.294*	1.180*	1.418			
	Тор	0.997	0.000	0.491	0.004	1.488	1.001	1.492			
Body SAR	Bottom	0.040	0.870	0.000	0.007	0.910	0.917	0.047			
	Right	0.091	0.026	0.078	1.139	0.195	1.256	1.308			
	Left	0.995	0.050	0.054	0.052	1.099	1.097	1.101			

Table 11-13 Cellular Band Ant 1a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth

Simult Tx				Bluetooth Antenna 3a SAR (W/kg)	2	Σ SAR (W/I	/kg)	
		1	2	3	1+2	1+3	1+2+3	
	Back	0.772	0.496	0.373	1.268	1.145	1.268*	
	Тор	0.019	0.013	0.256	0.032	0.275	0.288	
Body SAR	Bottom	0.290	0.160	0.013	0.450	0.303	0.463	
	Right	0.012	0.000	1.089	0.012	1.101	1.101	
	Left	0.895	0.518	0.000	1.413	0.895	1.413	

Table 11-14 Cellular Band Ant 1b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth

Simult Tx				Bluetooth Antenna 3a SAR (W/kg)	Σ SAR (W/kg)			
		1	2	3	1+2	1+3	1+2+3	
	Back	0.898	0.496	0.373	1.394	1.271	1.394*	
	Тор	0.053	0.013	0.256	0.066	0.309	0.322	
Body SAR	Bottom	0.893	0.160	0.013	1.053	0.906	1.066	
	Right	0.043	0.000	1.089	0.043	1.132	1.132	
	Left	0.047	0.518	0.000	0.565	0.047	0.565	

Table 11-15 Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz Bluetooth

Ochdia Bana Ant E omnattaneous Transmission occident with E.4 one Bractotti										
Simult Tx	Configuration	Cellular Band Antenna 2 SAR (W/kg)	Bluetooth Antenna 1a SAR (W/kg)	Bluetooth Antenna 3a SAR (W/kg)	:	ΣSAR (W/	kg)			
		1	2	3	1+2	1+3	1+2+3			
	Back	0.899	1.013	0.373	1.013*	1.272	1.272*			
	Тор	0.028	0.013	0.256	0.041	0.284	0.297			
Body SAR	Bottom	0.861	0.347	0.013	1.208	0.874	1.221			
	Right	0.897	0.000	1.089	0.897	1.089*	1.089*			
	Left	0.060	1.174	0.000	1.234	0.060	1.234			

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Table 11-16 Cellular Band Ant 3a Simultaneous Transmission Scenario with 2.4 GHz Bluetooth

Simult Tx		Configuration Cellular Band Antenna 3a SAR (W/kg) Bluetooth Antenna 1a SAR (W/kg) Bluetooth Antenna 1a 10 dBm SAR (W/kg)		Σ SAR (W/kg)			
		1	2	3	1+2	1+3	1+2+3
	Back	0.539	1.013	0.245	1.552	0.784	1.013*
	Тор	0.265	0.013	0.179	0.278	0.444	0.457
Body SAR	Bottom	0.017	0.347	0.013	0.364	0.030	0.377
	Right	0.897	0.000	0.606	0.897	1.503	1.503
	Left	0.014	1.174	0.000	1.188	0.014	1.188

Table 11-17 Cellular Band Ant 3b Simultaneous Transmission Scenario with 2.4 GHz Bluetooth

Simult Tx		Cellular Band Antenna 3b SAR (W/kg)	Bluetooth Antenna 1a SAR (W/kg)	Bluetooth Antenna 3a at 10 dBm SAR (W/kg)	2	ΣSAR (W/	kg)
		1	2	3	1+2	1+3	1+2+3
	Back	0.998	1.013	0.245	1.013*	1.243	1.243*
	Тор	0.997	0.013	0.179	1.010	1.176	1.189
Body SAR	Bottom	0.139	0.347	0.013	0.486	0.152	0.499
	Right	0.080	0.000	0.606	0.080	0.686	0.686
	Left	0.040	1.174	0.000	1.214	0.040	1.214

Table 11-18 Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz Bluetooth

Simult Tx	Configuration	Cellular Band Antenna 4 SAR (W/kg) Bluetooth Antenna 1a SAR (W/kg) SAR (W/kg) SAR (W/kg)		Σ SAR (W/kg)				
		1	2	3	1+2	1+3	1+2+3	
	Back	0.999	1.013	0.373	1.013*	1.372	1.372*	
	Тор	0.997	0.013	0.256	1.010	1.253	1.266	
Body SAR	Bottom	0.040	0.347	0.013	0.387	0.053	0.400	
	Right	0.091	0.000	1.089	0.091	1.180	1.180	
	Left	0.995	1.174	0.000	1.174*	0.995	1.174*	

Table 11-19

Cellular Band Ant 1a Simultaneous Transmission Scenario with 2.4 GHz BT MIMO and 5 GHz WLAN MIMO

	70.00.00.										
Simult Tx		Cellular Band Antenna 1a SAR (W/kg)	Bluetooth Antenna 1a at 6 dBm SAR (W/kg)	Bluetooth Antenna 3a at 7 dBm SAR (W/kg)	5 GHz WLAN Antenna 1b Reduced SAR (W/kg)	5 GHz WLAN Antenna 3b SAR (W/kg)	5 GHz WLAN Antenna 5T SAR (W/kg)	:	Σ SAR (W/kg)		
		1	2	3	4	5	6	1+2+3+4+5	1+2+3+4+6	1+2+3+5+6	
	Back	0.772	0.132	0.097	0.354	0.850	0.124	1.258*	1.479	1.071*	
	Тор	0.019	0.013	0.087	0.000	1.182	0.004	1.301	0.123	1.305	
Body SAR	Bottom	0.290	0.082	0.013	0.287	0.000	0.007	0.672	0.679	0.392	
'	Right	0.012	0.000	0.263	0.026	0.078	1.139	0.379	1.440	1.492	
	Left	0.895	0.228	0.000	0.050	0.151	0.052	1.324	1.225	1.326	

Table 11-20

Cellular Band Ant 1b Simultaneous Transmission Scenario with 2.4 GHz BT MIMO and 5 GHz WLAN MIMO

Simult Tx	Configuration	Cellular Band Antenna 1b SAR (W/kg)	Bluetooth Antenna 1a at 6 dBm SAR (W/kg)	Bluetooth Antenna 3a at 7 dBm SAR (W/kg)	5 GHz WLAN Antenna 1b Reduced SAR (W/kg)	5 GHz WLAN Antenna 3b SAR (W/kg)	5 GHz WLAN Antenna 5T SAR (W/kg)	2	Σ SAR (W/kg)	
		1	2	3	4	5	6	1+2+3+4+5	1+2+3+4+6	1+2+3+5+6
	Back	0.898	0.132	0.097	0.354	0.850	0.124	1.384*	1.384*	1.071*
	Тор	0.053	0.013	0.087	0.000	1.182	0.004	1.335	0.157	1.339
Body SAR	Bottom	0.893	0.082	0.013	0.287	0.000	0.007	1.275	1.282	0.995
	Right	0.043	0.000	0.263	0.026	0.078	1.139	0.410	1.471	1.523
	Left	0.047	0.228	0.000	0.050	0.151	0.052	0.476	0.377	0.478

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Table 11-21

Cellular Band Ant 2 Simultaneous Transmission Scenario with 2.4 GHz BT MIMO and 5 GHz WLAN MIMO

Simult Tx	Configuration	Cellular Band Antenna 2 SAR (W/kg)	Bluetooth Antenna 1a at 6 dBm SAR (W/kg)	Bluetooth Antenna 3a at 7 dBm SAR (W/kg)	5 GHz WLAN Antenna 1b Reduced SAR (W/kg)	5 GHz WLAN Antenna 3b SAR (W/kg)	5 GHz WLAN Antenna 5T SAR (W/kg)	2	Σ SAR (W/kg)	
		1	2	3	4	5	6	1+2+3+4+5	1+2+3+4+6	1+2+3+5+6
	Back	0.899	0.132	0.097	0.354	0.850	0.124	1.253*	1.253*	1.120*
	Тор	0.028	0.013	0.087	0.000	1.182	0.004	1.310	0.132	1.314
Body SAR	Bottom	0.861	0.082	0.013	0.287	0.000	0.007	1.243	1.250	0.963
	Right	0.897	0.000	0.263	0.026	0.078	1.139	1.264	1.428*	1.480*
	Left	0.060	0.228	0.000	0.050	0.151	0.052	0.489	0.390	0.491

Table 11-22

Cellular Band Ant 3a Simultaneous Transmission Scenario with 2.4 GHz BT MIMO and 5 GHz WLAN MIMO

Simult Tx		Cellular Band Antenna 3a SAR (W/kg)	Bluetooth Antenna 1a at 6 dBm SAR (W/kg)	Bluetooth Antenna 3a at 6 dBm SAR (W/kg)	5 GHz WLAN Antenna 1b SAR (W/kg)	5 GHz WLAN Antenna 3b Reduced SAR (W/kg)	5 GHz WLAN Antenna 5T Reduced SAR (W/kg)	Σ SAR (W/kg)		
		1	2	3	4	5	6	1+2+3+4+5	1+2+3+4+6	1+2+3+5+6
	Back	0.539	0.132	0.075	1.180	0.295	0.124	1.312*	1.312*	1.165
	Тор	0.265	0.013	0.058	0.000	0.491	0.004	0.827	0.340	0.831
Body SAR	Bottom	0.017	0.082	0.013	0.870	0.000	0.007	0.982	0.989	0.119
	Right	0.897	0.000	0.221	0.026	0.078	0.382	1.222	1.526	1.578
	Left	0.014	0.228	0.000	0.050	0.054	0.052	0.346	0.344	0.348

Table 11-23

Cellular Band Ant 3b Simultaneous Transmission Scenario with 2.4 GHz BT MIMO and 5 GHz WLAN MIMO

Simult Tx	Configuration	Cellular Band Antenna 3b SAR (W/kg)	Bluetooth Antenna 1a at 6 dBm SAR (W/kg)	Bluetooth Antenna 3a at 7 dBm SAR (W/kg)	5 GHz WLAN Antenna 1b SAR (W/kg)	5 GHz WLAN Antenna 3b Reduced SAR (W/kg)	5 GHz WLAN Antenna 5T SAR (W/kg)	Σ SAR (W/kg)		
		1	2	3	4	5	6	1+2+3+4+5	1+2+3+4+6	1+2+3+5+6
Body SAR	Back	0.998	0.132	0.097	1.180	0.295	0.124	1.390*	1.312*	1.514*
	Тор	0.997	0.013	0.087	0.000	0.491	0.004	1.588	1.101	1.592
	Bottom	0.139	0.082	0.013	0.870	0.000	0.007	1.104	1.111	0.241
	Right	0.080	0.000	0.263	0.026	0.078	1.139	0.447	1.508	1.560
	Left	0.040	0.228	0.000	0.050	0.054	0.052	0.372	0.370	0.374

Table 11-24

Cellular Band Ant 4 Simultaneous Transmission Scenario with 2.4 GHz BT MIMO and 5 GHz WLAN MIMO

Simult Tx		Cellular Band Antenna 4 SAR (W/kg)	Bluetooth Antenna 1a at 6 dBm SAR (W/kg)	Bluetooth Antenna 3a at 7 dBm SAR (W/kg)	5 GHz WLAN Antenna 1b SAR (W/kg)	5 GHz WLAN Antenna 3b Reduced SAR (W/kg)	5 GHz WLAN Antenna 5T SAR (W/kg)	Σ SAR (W/kg)		
		1	2	3	4	5	6	1+2+3+4+5	1+2+3+4+6	1+2+3+5+6
Body SAR	Back	0.999	0.132	0.097	1.180	0.295	0.124	1.391*	1.312*	1.515*
	Тор	0.997	0.013	0.087	0.000	0.491	0.004	1.588	1.101	1.592
	Bottom	0.040	0.082	0.013	0.870	0.000	0.007	1.005	1.012	0.142
	Right	0.091	0.000	0.263	0.026	0.078	1.139	0.458	1.519	1.571
	Left	0.995	0.228	0.000	0.050	0.054	0.052	1.327	1.325	1.329

Table 11-25

Simultaneous Transmission Scenario with 2.4 GHz Bluetooth MIMO + 5 GHz WI-FI MIMO

Simult Tx	Configuration	Bluetooth Antenna 1a at 8 dBm SAR (W/kg)	Bluetooth Antenna 3a at 7.5 dBm SAR (W/kg)	5 GHz WLAN Antenna 1b SAR (W/kg)	5 GHz WLAN Antenna 3b SAR (W/kg)	5 GHz WLAN Antenna 5T SAR (W/kg)	Σ	SAR (W/ko	g)	
		1	2	3	4	5	1+2+3+4	1+2+3+5	1+2+4+5	
Body SAR	Back	0.334	0.118	1.180	0.850	0.124	1.514*	1.514*	1.426	
	Тор	0.013	0.097	0.000	1.182	0.004	1.292	0.114	1.296	
	Bottom	0.124	0.013	0.870	0.000	0.007	1.007	1.014	0.144	
	Right	0.000	0.332	0.026	0.078	1.139	0.436	1.497	1.549	
	Left	0.348	0.000	0.050	0.151	0.052	0.549	0.450	0.551	

Table 11-26

Simultaneous Transmission Scenario with 2.4 GHz Bluetooth

Oiiii	Officialization of the Control of th									
Simult Tx	Configuration	Bluetooth Antenna 1a SAR (W/kg)	Bluetooth Antenna 3a SAR (W/kg)	Σ SAR (W/kg)						
		1	2	1+2						
	Back	1.013	0.373	1.386						
	Тор	0.013	0.256	0.269						
Body SAR	Bottom	0.347	0.013	0.360						
	Right	0.000	1.089	1.089						
	Left	1.174	0.000	1.174						

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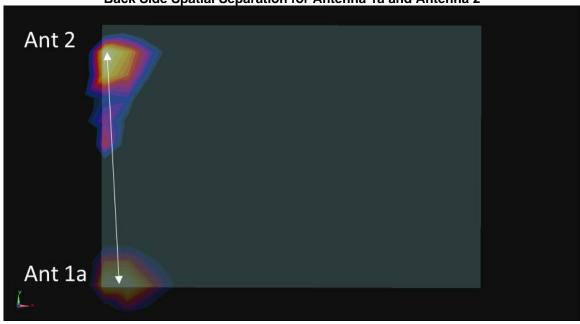
11.4 Spatial Separation Analysis

Per FCC KDB Publication 248227, antennas may be considered spatially separated when the aggregate SAR from multiple antennas at any location in the combined SAR distribution is either ≤ 1.2 W/kg where at least 90% of the SAR is attributed to a single SAR distribution or ≤ 0.4 W/kg where no more than one SAR distribution is contributing > 0.1 W/kg.

Spatial separation was determined by inspection of the area scan SAR distributions to confirm that at all locations, SAR was < 1.2 W/kg, where at least 90% of the SAR is attributed to a single SAR distribution. See below for illustrations of the spatial separated antennas considered.

11.4.1 Back Side Spatial Separation Analysis

Figure 11-1
Back Side Spatial Separation for Antenna 1a and Antenna 2



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Figure 11-2
Back Side Spatial Separation for Antenna 1a and Antenna 3a

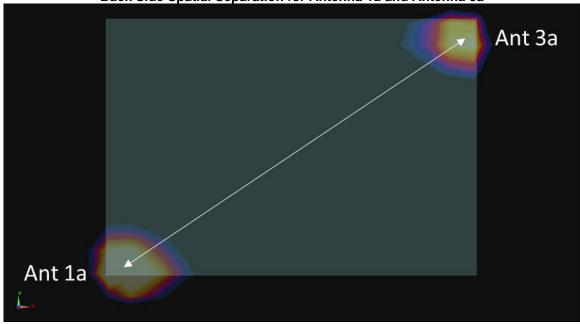
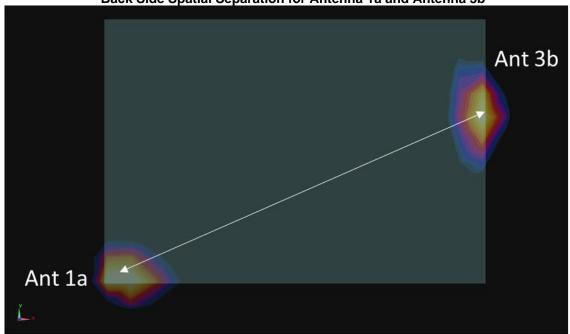


Figure 11-3
Back Side Spatial Separation for Antenna 1a and Antenna 3b



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Figure 11-4
Back Side Spatial Separation for Antenna 1a and Antenna 4

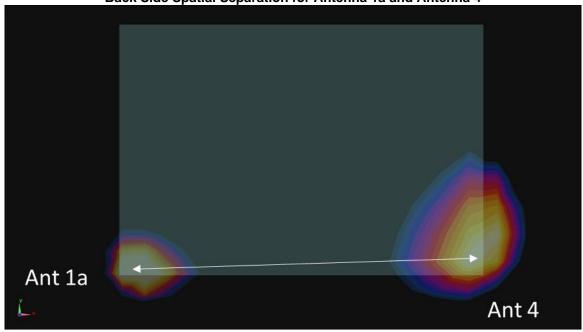
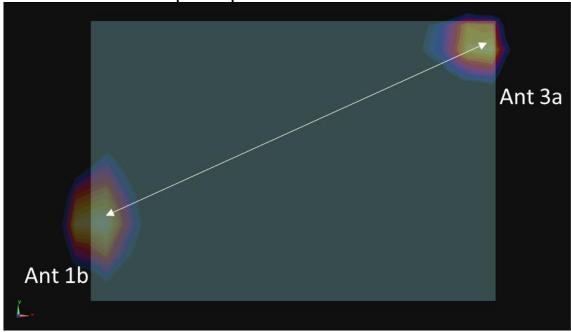


Figure 11-5
Back Side Spatial Separation for Antenna 1b and Antenna 3a



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Figure 11-6
Back Side Spatial Separation for Antenna 1b and Antenna 3b

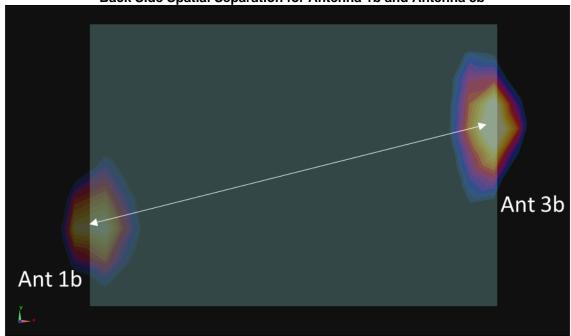
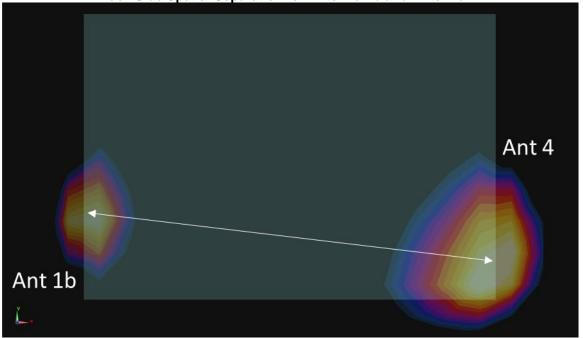


Figure 11-7
Back Side Spatial Separation for Antenna 1b and Antenna 4



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Figure 11-8
Back Side Spatial Separation for Antenna 1b and Antenna 5T

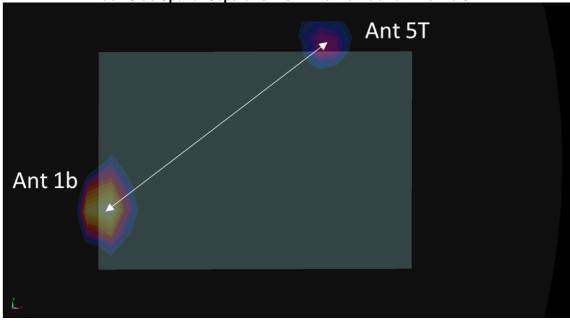
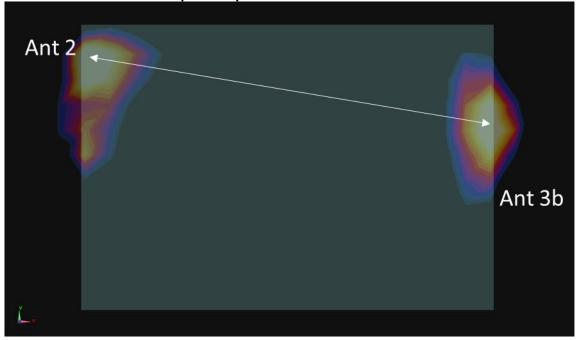


Figure 11-9 Back Side Spatial Separation for Antenna 2 and Antenna 3b



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11.4.2 Right Edge Spatial Separation Analysis

Figure 11-10
Right Edge Spatial Separation for Antenna 2 and Antenna 3a

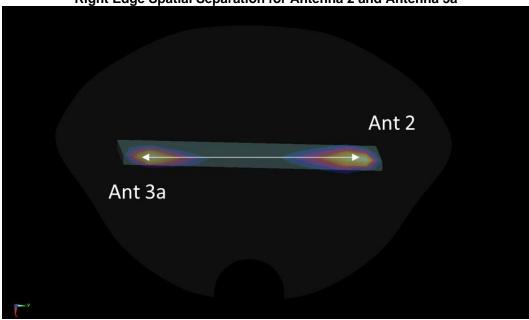
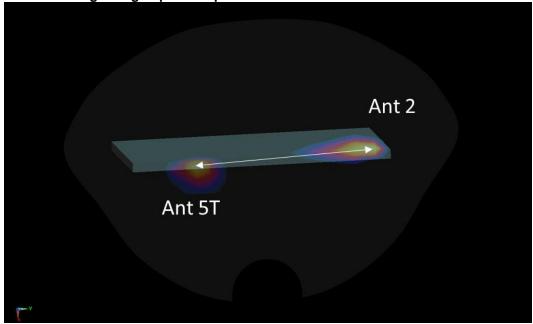


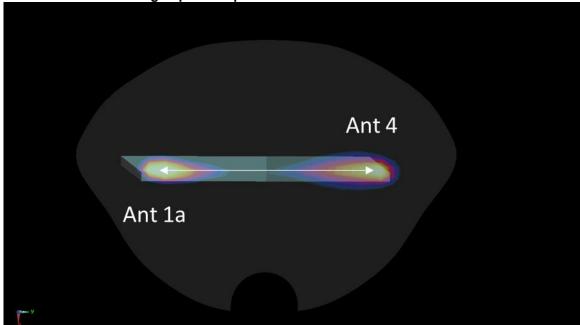
Figure 11-11
Right Edge Spatial Separation for Antenna 2 and Antenna 5T



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11.4.3 Left Edge Spatial Separation Analysis

Figure 11-12
Left Edge Spatial Separation for Antenna 1a and Antenna 4



11.5 Simultaneous Transmission Conclusion

The above numerical summed SAR results for all the worst-case simultaneous transmission conditions were below the SAR limit. Therefore, the above analysis is sufficient to determine that simultaneous transmission cases will not exceed the SAR limit and therefore no measured volumetric simultaneous SAR summation is required per FCC KDB Publication 447498 D01v06 and IEEE 1528-2013 Section 6.3.4.1.2.

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12 SAR MEASUREMENT VARIABILITY

12.1 Measurement Variability

Per FCC KDB Publication 865664 D01v01r04, SAR measurement variability was assessed for each frequency band, which was determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. When both head and body tissue-equivalent media were required for SAR measurements in a frequency band, the variability measurement procedures were applied to the tissue medium with the highest measured SAR, using the highest measured SAR configuration for that tissue-equivalent medium. These additional measurements were repeated after the completion of all measurements requiring the same head or body tissue-equivalent medium in a frequency band. The test device was returned to ambient conditions (normal room temperature) with the battery fully charged before it was re-mounted on the device holder for the repeated measurement(s) to minimize any unexpected variations in the repeated results.

SAR Measurement Variability was assessed using the following procedures for each frequency band:

- 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.
- 2) A second repeated measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg (~ 10% from the 1g SAR limit).
- 3) A third repeated measurement was performed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.
- 4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg
- 5) When 10g SAR measurement is considered, a factor of 2.5 is applied to the thresholds above.

Table 12-1
Body SAR Measurement Variability Results

	BODY VARIABILITY RESULTS															
Band	FREQU	ENCY	Mode	Antenna	Waveform	Service	Data Rate	Rate Side	Spacing	Measured SAR (1g)	1st Repeated SAR (1g)	Ratio	2nd Repeated SAR (1g)	Ratio	3rd Repeated SAR (1g)	Ratio
	MHz	Ch.					(Mbps)			(W/kg)	(W/kg)		(W/kg)		(W/kg)	1
750	793.00	23330	LTE Band 14, 10 MHz Bandwidth	Antenna 4	N/A	QPSK, 25 RB, 12 RB Offset	N/A	back	0 mm	0.841	0.781	1.08	N/A	N/A	N/A	N/A
835	826.40	4132	UMTS 850	Antenna 2	N/A	RMC	N/A	back	0 mm	0.814	0.780	1.04	N/A	N/A	N/A	N/A
1750	1745.00	349000	NR Band n66 (AWS), 40 MHz Bandwidth	Antenna 4	CP-OFDM	QPSK, 1 RB, 1 RB Offset	N/A	top	0 mm	0.825	0.790	1.04	N/A	N/A	N/A	N/A
1900	1860.00	26140	LTE Band 25 (PCS), 20 MHz Bandwidth	Antenna 1b	N/A	QPSK, 1 RB, 0 RB Offset	N/A	back	0 mm	0.809	0.787	1.03	N/A	N/A	N/A	N/A
2300	2310.00	27710	LTE Band 30, 10 MHz Bandwidth	Antenna 4	N/A	QPSK, 25 RB, 12 RB Offset	N/A	left	0 mm	0.841	0.792	1.06	N/A	N/A	N/A	N/A
2450	2462.00	11	802.11b, 22 MHz Bandwidth	Antenna 1a	N/A	DSSS	1	left	0 mm	0.929	0.822	1.13	N/A	N/A	N/A	N/A
2600	2535.00	21100	LTE Band 7, 20 MHz Bandwidth	Antenna 4	N/A	QPSK, 50 RB, 25 RB Offset	N/A	back	0 mm	0.928	0.861	1.08	N/A	N/A	N/A	N/A
5250	5290.00	58	802.11ac, 80 MHz Bandwidth	Antenna 3b	N/A	OFDM	29.3	top	0 mm	0.959	0.944	1.02	N/A	N/A	N/A	N/A
5600	5610.00	122	802.11ac, 80 MHz Bandwidth	Antenna 3b	N/A	OFDM	29.3	top	0 mm	1.000	0.992	1.01	N/A	N/A	N/A	N/A
5750	5775.00	155	802.11ac, 80 MHz Bandwidth	Antenna 5T	N/A	OFDM	29.3	right	0 mm	1.030	1.010	1.02	N/A	N/A	N/A	N/A
	ANSI / IEEE C95.1 1992 - SAFETY LIMIT										Во	dy				
	Spatial Peak									1.6 W/kg	(mW/g)					
	Uncontrolled Exposure/General Population							av	eraged o	ver 1 gram	1					

12.2 Measurement Uncertainty

The measured SAR was <1.5 W/kg for 1g and <3.75 W/kg for 10g for all frequency bands. Therefore, per KDB Publication 865664 D01v01r04, the extended measurement uncertainty analysis per IEEE 1528-2013 was not required.

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13 ADDITIONAL TESTING PER FCC GUIDANCE

13.1 LTE Band 41 Power Class 2 and Power Class 3 Linearity

This device supports Power Class 2 and Power Class 3 operations for LTE Band 41. The highest available duty cycle for Power Class 2 operations is 43.3 % using UL-DL configuration 1. Per May 2017 TCB Workshop Notes based on the device behavior, all SAR tests were performed using Power Class 3. SAR with Power Class 2 at the highest power and available duty factor was additionally performed for the Power Class 3 configuration with the highest SAR for each exposure condition. The linearity between the Power Class 2 and Power Class 3 SAR results and the respective frame averaged powers was calculated to determine that the results were linear. When ULCA is active, the linearity between the Power Class 2 with ULCA active and Power Class 3 with ULCA active SAR results and the respective frame averaged powers was calculated to determine that the results were linear. Per May 2017 TCB Workshop, no additional SAR measurements were required since the linearity between power classes was < 10% and all reported SAR values were < 1.4 W/kg for 1g and < 3.5 W/kg for 10g.

Table 13-1 LTE Band 41 Body Linearity Data – Antenna 1b

	LTE Band 41 PC3	LTE Band 41 PC2
Maximum Allowed Output Power (dBm)	14.2	15.85
Measured Output Power (dBm)	13.39	14.83
Measured SAR (W/kg)	0.728	0.630
Measured Power (mW)	21.83	30.41
Duty Cycle	63.3%	43.3%
Frame Averaged Output Power (mW)	13.82	13.17
% deviation from expected linearity		-9.19%

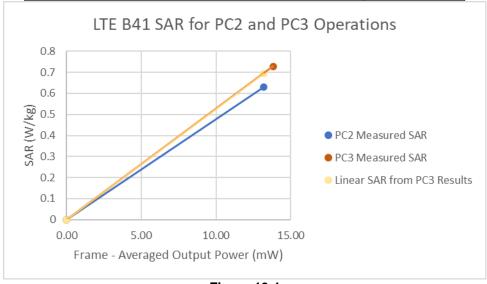


Figure 13-1 LTE Band 41 Body Linearity – Antenna 1b

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Table 13-2 LTE Band 41 ULCA Body Linearity Data – Antenna 1b

	LTE Band 41 PC3	LTE Band 41 PC2			
Maximum Allowed Output Power (dBm)	14.2	15.85			
Measured Output Power (dBm)	13.32	15.18			
Measured SAR (W/kg)	0.699	0.714			
Measured Power (mW)	21.48	32.96			
Duty Cycle	63.3%	43.3%			
Frame Averaged Output Power (mW)	13.60	14.27			
% deviation from expected linearity		-2.69%			

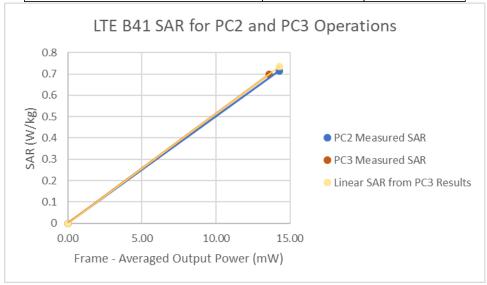


Figure 13-2 LTE Band 41 ULCA Body Linearity – Antenna 1b

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Table 13-3
LTE Band 41 Body Linearity Data – Antenna 2

ETE Band 41 Body Emeanty Bata Antenna 2		
	LTE Band 41 PC3	LTE Band 41 PC2
Maximum Allowed Output Power (dBm)	14.1	15.75
Measured Output Power (dBm)	13.16	14.95
Measured SAR (W/kg)	0.664	0.626
Measured Power (mW)	20.70	31.26
Duty Cycle	63.3%	43.3%
Frame Averaged Output Power (mW)	13.10	13.54
% deviation from expected linearity		-8.73%

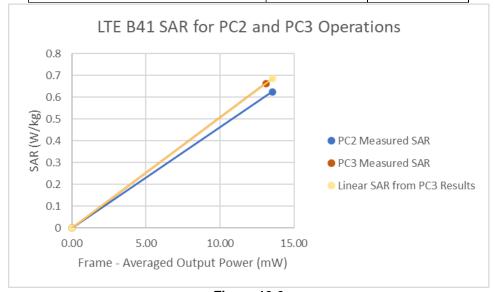


Figure 13-3 LTE Band 41 Body Linearity – Antenna 2

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Table 13-4 LTE Band 41 ULCA Body Linearity Data – Antenna 2

	LTE Band 41 PC3	LTE Band 41 PC2
Maximum Allowed Output Power (dBm)	14.1	15.75
Measured Output Power (dBm)	13.11	14.92
Measured SAR (W/kg)	0.626	0.592
Measured Power (mW)	20.46	31.05
Duty Cycle	63.3%	43.3%
Frame Averaged Output Power (mW)	12.95	13.44
% deviation from expected linearity		-8.87%

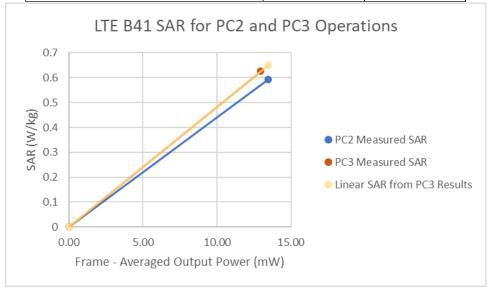


Figure 13-4 LTE Band 41 ULCA Body Linearity – Antenna 2

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Table 13-5
LTE Band 41 Body Linearity Data – Antenna 3b

ETE Band 41 Body Emcanty Bata Antenna ob		
	LTE Band 41 PC3	LTE Band 41 PC2
Maximum Allowed Output Power (dBm)	15.8	17.45
Measured Output Power (dBm)	14.25	15.92
Measured SAR (W/kg)	0.658	0.691
Measured Power (mW)	26.61	39.08
Duty Cycle	63.3%	43.3%
Frame Averaged Output Power (mW)	16.84	16.92
% deviation from expected linearity		4.51%

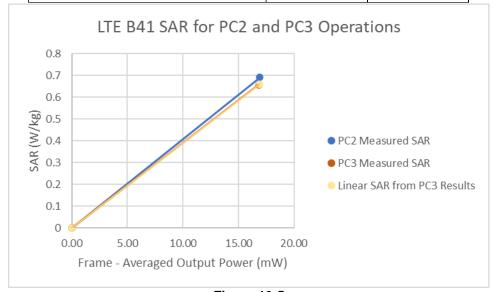


Figure 13-5 LTE Band 41 Body Linearity – Antenna 3b

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Table 13-6
LTE Band 41 ULCA Body Linearity Data – Antenna 3b

	LTE Band 41 PC3	LTE Band 41 PC2
Maximum Allowed Output Power (dBm)	15.8	17.45
Measured Output Power (dBm)	14.25	15.96
Measured SAR (W/kg)	0.662	0.663
Measured Power (mW)	26.61	39.45
Duty Cycle	63.3%	43.3%
Frame Averaged Output Power (mW)	16.84	17.08
% deviation from expected linearity		-1.24%

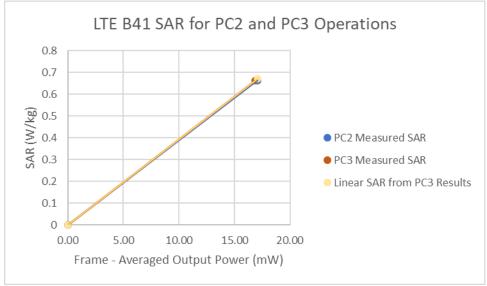


Figure 13-6
LTE Band 41 ULCA Body Linearity – Antenna 3b

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Table 13-7 LTE Band 41 Body Linearity Data - Antenna 4

	LTE Band 41 PC3	LTE Band 41 PC2
Maximum Allowed Output Power (dBm)	14.7	16.35
Measured Output Power (dBm)	13.93	15.27
Measured SAR (W/kg)	0.790	0.687
Measured Power (mW)	24.72	33.65
Duty Cycle	63.3%	43.3%
Frame Averaged Output Power (mW)	15.65	14.57
% deviation from expected linearity		-6.62%

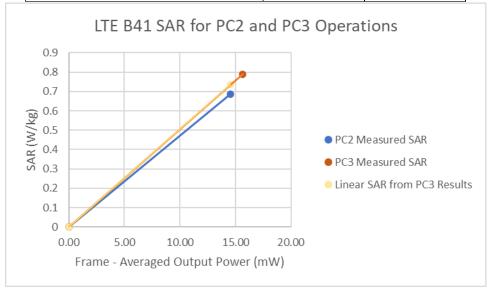


Figure 13-7 LTE Band 41 Body Linearity - Antenna 4

FCC ID: BCGA2568	Provide to be part of the element	SAR EVALUATION REPORT	Approved by: Quality Manager
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Table 13-8
LTE Band 41 ULCA Body Linearity Data – Antenna 4

ETE Band 41 GEGAL Body Emodrity Bala 7 tillorina 4		
	LTE Band 41 PC3	LTE Band 41 PC2
Maximum Allowed Output Power (dBm)	14.7	16.35
Measured Output Power (dBm)	13.74	15.85
Measured SAR (W/kg)	0.779	0.820
Measured Power (mW)	23.66	38.46
Duty Cycle	63.3%	43.3%
Frame Averaged Output Power (mW)	14.98	16.65
% deviation from expected linearity		-5.33%

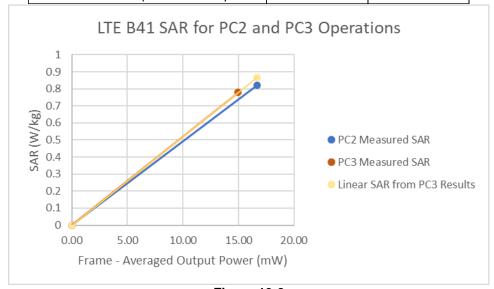


Figure 13-8
LTE Band 41 ULCA Body Linearity – Antenna 4

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Manufacturer	Model	Description	Cal Date	Cal Interval	Cal Due	Serial Number
Agilent	8753ES	S-Parameter Network Analyzer	09/16/2020	Annual	09/16/2021	MY40000670
Agilent			12/02/2020	Annual	12/02/2021	MY42081752
Agilent	E5515C Wireless Communications Test Set		12/15/2020	Annual	12/15/2021	GB42361078
					09/25/2021	
Agilent	N5182A N5182A	MXG Vector Signal Generator	09/25/2020	Annual		US46240505
Agilent			12/01/2020	Annual	12/01/2021	MY47420837
Agilent			12/21/2020	Annual	12/21/2021	MY50200571
Amplifier Research	150A100C	Amplifier	CBT	N/A	CBT	350132
Amplifier Research	15S1G6	Amplifier	CBT	N/A	CBT	343972
Amplifier Research	15S1G6	Amplifier	CBT	N/A	CBT	343971
Anritsu	MA24106A	USB Power Sensor	09/15/2020	Annual	09/15/2021	1244515
Anritsu	MA24106A	USB Power Sensor	09/15/2020	Annual	09/15/2021	1248508
Anritsu	MA24106A	USB Power Sensor	02/25/2021	Annual	02/25/2022	1520503
Anritsu	MA24106A	USB Power Sensor	02/25/2021	Annual	02/25/2022	1520501
Anritsu	MA2411B	Pulse Power Sensor	12/18/2020	Annual	12/18/2021	1126066
Anritsu	ML2495A	Power Meter	11/03/2020	Annual	11/03/2021	1039008
Anritsu	MT8820C	Radio Communication Analyzer	09/30/2020	Annual	09/30/2021	6201240328
						6201240328
Anritsu	MT8821C	Radio Communication Analyzer	05/21/2021	Annual	05/21/2022	
Control Company	4040	Therm./Clock/Humidity Monitor	03/06/2020	Biennial	03/06/2022	200170313
Control Company	4040	Therm./Clock/Humidity Monitor	03/06/2020	Biennial	03/06/2022	200170296
Control Company	4040	Therm./Clock/Humidity Monitor	03/06/2020	Biennial	03/06/2022	200170289
Control Company	4353	Long Stem Thermometer	10/28/2020	Biennial	10/28/2022	200670646
Control Company	4353	Long Stem Thermometer	10/28/2020	Biennial	10/28/2022	200670653
Insize	1108-150	Digital Caliper	01/17/2020	Biennial	01/17/2022	409193536
KEYSIGHT	F4438C	VECTOR SIGNAL GENERATOR	06/22/2020	Annual	06/22/2021	MY45092078
MCL	BW-N10W5+	10dB Attenuator	CBT	N/A	CBT	1611
MCI	BW-N3W5+		CBT	N/A	CBT	1812
		3dB Attenuator				
MCL	BW-N6W5+	6dB Attenuator	CBT	N/A	CBT	1311
Mini-Circuits	NLP-1000+	Low Pass Filter	CBT	N/A	CBT	N/A
Mini-Circuits	NLP-1200+	Low Pass Filter	CBT	N/A	CBT	N/A
Mini-Circuits	NLP-2950+	Low Pass Filter	CBT	N/A	CBT	N/A
Mini-Circuits	VLF-6000+	Low Pass Filter	CBT	N/A	CBT	N/A
Mini-Circuits	ZHDC-16-63-S+	50-6000MHz Bidirectional Coupler	CBT	N/A	CBT	N/A
Pastemack	PE2208-6	Bidirectional Coupler	CBT	N/A	CBT	N/A
Rohde & Schwarz	CMW500	Radio Communication Tester	04/13/2020	Annual	04/13/2022	167284
	CMW500			Annual		167285
Rohde & Schwarz		Radio Communication Tester	04/27/2021		04/27/2022	
Rohde & Schwarz	CMW500	Radio Communication Tester	10/16/2020	Annual	10/16/2021	101699
Rohde & Schwarz	CMW500	Radio Communication Tester	10/16/2020	Annual	10/16/2021	106578
Rohde & Schwarz	CMW500	Radio Communication Tester	10/27/2020	Annual	10/27/2021	108843
Rohde & Schwarz	FSP-7	Spectrum Analyzer	01/09/2020	Biennial	01/09/2022	100990
Rohde& Schwarz	CMW500	Wideband Radio Communication Tester	09/17/2020	Annual	09/17/2021	145663
Rosenberger	32W1006-016	Torque Wrench	12/01/2020	Annual	12/01/2021	N/A
SPEAG	DAKS-3.5	Portable DAK	09/09/2020	Annual	09/09/2021	1045
SPEAG	D750V3	750 MHz SAR Dipole	09/08/2020	Annual	09/08/2021	1097
SPEAG SPEAG	D835V2 D850V2	835 MHz SAR Dipole	06/20/2019	Triennial	06/20/2022	4d040 1010
		850 MHz SAR Dipole		Annual		
SPEAG	D1750V2	1750 MHz SAR Dipole	06/19/2019	Triennial	06/19/2022	1083
SPEAG	D1750V2	1750 MHz SAR Dipole	09/09/2020	Annual	09/09/2021	1104
SPEAG	D1900V2	1900 MHz SAR Dipole	06/19/2019	Triennial	06/19/2022	5d030
SPEAG	D2300V2	2300 MHz SAR Dipole	11/10/2020	Annual	11/10/2021	1064
SPEAG	D2450V2	2450 MHz SAR Dipole	11/12/2018	Triennial	11/12/2021	921
SPEAG	D2450V2	2450 MHz SAR Dipole	06/14/2019	Triennial	06/14/2022	750
SPEAG	D2600V2	2600 MHz SAR Dipole	06/14/2019	Triennial	06/14/2022	1042
SPEAG	D3500V2	3500 MHz SAR Dipole	08/16/2019	Biennial	08/16/2021	1055
SPEAG	D3700V2	3700 MHz SAR Dipole	10/17/2019	Biennial	10/17/2021	1002
SPEAG	D3900V2	3900 MHz SAR Dipole	11/13/2020	Annual	11/13/2021	1062
SPEAG	D5GHzV2	5 GHz SAR Dipole	03/10/2021	Annual	03/10/2022	1123
					03/03/2022	7640
SPEAG	EX3DV4	SAR Probe	03/03/2021	Annual		
SPEAG	EX3DV4	SAR Probe	04/19/2021	Annual	04/19/2022	7532
SPEAG SPEAG		SAR Probe SAR Probe				7532 7639
SPEAG SPEAG SPEAG	EX3DV4 EX3DV4 EX3DV4	SAR Probe SAR Probe SAR Probe	04/19/2021 03/03/2021 05/18/2021	Annual	04/19/2022 03/03/2022 05/18/2022	7639 7416
SPEAG SPEAG	EX3DV4 EX3DV4	SAR Probe SAR Probe	04/19/2021 03/03/2021	Annual Annual	04/19/2022 03/03/2022	7639
SPEAG SPEAG SPEAG	EX3DV4 EX3DV4 EX3DV4	SAR Probe SAR Probe SAR Probe	04/19/2021 03/03/2021 05/18/2021	Annual Annual Annual	04/19/2022 03/03/2022 05/18/2022	7639 7416
SPEAG SPEAG SPEAG SPEAG	EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4	SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe	04/19/2021 03/03/2021 05/18/2021 03/03/2021	Annual Annual Annual Annual Annual	04/19/2022 03/03/2022 05/18/2022 03/03/2022	7639 7416 7638 3837
SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG	EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4	SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe	04/19/2021 03/03/2021 05/18/2021 03/03/2021 01/18/2021 08/19/2020	Annual Annual Annual Annual Annual Annual	04/19/2022 03/03/2022 05/18/2022 03/03/2022 01/18/2022 08/19/2021	7639 7416 7638 3837 3949
SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG	EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4	SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe	04/19/2021 03/03/2021 05/18/2021 03/03/2021 01/18/2021 08/19/2020 03/17/2021	Annual Annual Annual Annual Annual Annual Annual Annual Annual	04/19/2022 03/03/2022 05/18/2022 03/03/2022 01/18/2022 08/19/2021 03/17/2022	7639 7416 7638 3837 3949 7421
SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG	EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4	SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe	04/19/2021 03/03/2021 05/18/2021 03/03/2021 01/18/2021 08/19/2020 03/17/2021 12/15/2020	Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual	04/19/2022 03/03/2022 05/18/2022 03/03/2022 01/18/2022 08/19/2021 03/17/2022 12/15/2021	7639 7416 7638 3837 3949 7421 7490
SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG	EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4	SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe	04/19/2021 03/03/2021 05/18/2021 05/18/2021 03/03/2021 01/18/2021 08/19/2020 03/17/2021 12/15/2020 10/21/2020	Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual	04/19/2022 03/03/2022 05/18/2022 03/03/2022 01/18/2022 08/19/2021 03/17/2022 12/15/2021 10/21/2021	7639 7416 7638 3837 3949 7421 7490 7558
SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG	EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 DAE4	SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe	04/19/2021 03/03/2021 05/18/2021 03/03/2021 01/18/2021 01/18/2021 08/19/2020 03/17/2021 12/15/2020 01/21/2020 01/11/2021	Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual	04/19/2022 03/03/2022 05/18/2022 03/03/2022 01/18/2022 08/19/2021 03/17/2022 12/15/2021 10/21/2021 01/11/2022	7639 7416 7638 3837 3949 7421 7490 7558 1645
SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG	EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4	SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe	04/19/2021 03/03/2021 05/18/2021 05/18/2021 01/18/2021 08/19/2020 03/17/2021 12/15/2020 01/11/2021 04/13/2021	Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual	04/19/2022 03/03/2022 05/18/2022 03/03/2022 01/18/2022 08/19/2021 03/17/2022 12/15/2021 01/11/2022 04/13/2022	7639 7416 7638 3837 3949 7421 7490 7558 1645 501
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SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG SPEAG	EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 EX3DV4 DAE4 DAE4	SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe SAR Probe Dasy Data Acquisition Electronics Dasy Data Acquisition Electronics Dasy Data Acquisition Electronics	04/19/2021 03/03/2021 05/18/2021 03/03/2021 03/03/2021 03/03/2021 08/19/2020 03/17/2021 12/15/2020 10/21/2020 04/13/2021 04/13/2021 01/11/2021	Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual	04/19/2022 03/03/2022 05/18/2022 03/03/2022 03/18/2022 08/19/2021 03/17/2022 12/15/2021 10/21/2021 01/11/2022 04/13/2022 01/11/2022	7639 7416 7638 3837 3949 7421 7490 7558 1645 501 1646
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Note: CBT (Calibrated Before Testing). Prior to testing, the measurement paths containing a cable, amplifier, attenuator, coupler or filter were connected to a calibrated source (i.e. a signal generator) to determine the losses of the measurement path. The power meter offset was then adjusted to compensate for the measurement system losses. This level offset is stored within the power meter before measurements are made. This calibration verification procedure applies to the system verification and output power measurements. The calibrated reading is then taken directly from the power meter after compensation of the losses for all final power measurements.

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15 MEASUREMENT UNCERTAINTIES

			_				_		1.
а	b	С	d	e=	f	g	h =	i =	k
				f(d,k)			c x f/e	c x g/e	
	IEEE 1528	Tol.	Prob.		Ci	Ci	1gm	10gms	
Uncertainty Component	Sec.	(± %)	Dist.	Div.	1gm	10 gms	u _i	u _i	V _i
							(± %)	(± %)	
leasurement System									
robe Calibration	E.2.1	7	N	1	1	1	7.0	7.0	∞
xial Isotropy	E.2.2	0.25	N	1	0.7	0.7	0.2	0.2	∞
emishperical Isotropy	E.2.2	1.3	N	1	0.7	0.7	0.9	0.9	∞
oundary Effect	E.2.3	2	R	1.732	1	1	1.2	1.2	∞
inearity	E.2.4	0.3	N	1	1	1	0.3	0.3	∞
ystem Detection Limits	E.2.4	0.25	R	1.732	1	1	0.1	0.1	∞
lodulation Response	E.2.5	4.8	R	1.732	1	1	2.8	2.8	∞
eadout Electronics	E.2.6	0.3	N	1	1	1	0.3	0.3	∞
esponse Time	E.2.7	0.8	R	1.732	1	1	0.5	0.5	∞
tegration Time	E.2.8	2.6	R	1.732	1	1	1.5	1.5	∞
F Ambient Conditions - Noise	E.6.1	3	R	1.732	1	1	1.7	1.7	∞
F Ambient Conditions - Reflections	E.6.1	3	R	1.732	1	1	1.7	1.7	∞
robe Positioner Mechanical Tolerance	E.6.2	0.8	R	1.732	1	1	0.5	0.5	∞
robe Positioning w/ respect to Phantom	E.6.3	6.7	R	1.732	1	1	3.9	3.9	∞
xtrapolation, Interpolation & Integration algorithms folax. SAR Evaluation	E.5	4	R	1.732	1	1	2.3	2.3	∞
est Sample Related									
est Sample Positioning	E.4.2	3.12	N	1	1	1	3.1	3.1	35
evice Holder Uncertainty	E.4.1	1.67	N	1	1	1	1.7	1.7	5
output Power Variation - SAR drift measurement	E.2.9	5	R	1.732	1	1	2.9	2.9	∞
AR Scaling	E.6.5	0	R	1.732	1	1	0.0	0.0	∞
hantom & Tissue Parameters									
hantom Uncertainty (Shape & Thickness tolerances)	E.3.1	7.6	R	1.73	1.0	1.0	4.4	4.4	∞
iquid Conductivity - measurement uncertainty	E.3.3	4.3	N	1	0.78	0.71	3.3	3.0	76
iquid Permittivity - measurement uncertainty	E.3.3	4.2	N	1	0.23	0.26	1.0	1.1	75
iquid Conductivity - Temperature Uncertainty	E.3.4	3.4	R	1.732	0.78	0.71	1.5	1.4	∞
iquid Permittivity - Temperature Unceritainty	E.3.4	0.6	R	1.732	0.23	0.26	0.1	0.1	∞
iquid Conductivity - deviation from target values	E.3.2	5.0	R	1.73	0.64	0.43	1.8	1.2	∞
iquid Permittivity - deviation from target values	E.3.2	5.0	R	1.73	0.60	0.49	1.7	1.4	∞
ombined Standard Uncertainty (k=1)			RSS	1		1	12.2	12.0	191
xpanded Uncertainty			k=2				24.4	24.0	

The above measurement uncertainties are according to IEEE Std. 1528-2013

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16 CONCLUSION

16.1 Measurement Conclusion

The SAR evaluation indicates that the EUT complies with the RF radiation exposure limits of the FCC and Innovation, Science, and Economic Development Canada, with respect to all parameters subject to this test. These measurements were taken to simulate the RF effects of RF exposure under worst-case conditions. Precise laboratory measures were taken to assure repeatability of the tests. The results and statements relate only to the item(s) tested.

Please note that the absorption and distribution of electromagnetic energy in the body are very complex phenomena that depend on the mass, shape, and size of the body, the orientation of the body with respect to the field vectors, and the electrical properties of both the body and the environment. Other variables that may play a substantial role in possible biological effects are those that characterize the environment (e.g. ambient temperature, air velocity, relative humidity, and body insulation) and those that characterize the individual (e.g. age, gender, activity level, debilitation, or disease). Because various factors may interact with one another to vary the specific biological outcome of an exposure to electromagnetic fields, any protection guide should consider maximal amplification of biological effects as a result of field-body interactions, environmental conditions, and physiological variables. [3]

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17 REFERENCES

- [1] Federal Communications Commission, ET Docket 93-62, Guidelines for Evaluating the Environmental Effects of Radiofrequency Radiation, Aug. 1996.
- [2] ANSI/IEEE C95.1-2005, American National Standard safety levels with respect to human exposure to radio frequency electromagnetic fields, 3kHz to 300GHz, New York: IEEE, 2006.
- [3] ANSI/IEEE C95.1-1992, American National Standard safety levels with respect to human exposure to radio frequency electromagnetic fields, 3kHz to 300GHz, New York: IEEE, Sept. 1992.
- [4] ANSI/IEEE C95.3-2002, IEEE Recommended Practice for the Measurement of Potentially Hazardous Electromagnetic Fields RF and Microwave, New York: IEEE, December 2002.
- [5] IEEE Standards Coordinating Committee 39 Standards Coordinating Committee 34 IEEE Std. 1528-2013, IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques.
- [6] NCRP, National Council on Radiation Protection and Measurements, Biological Effects and Exposure Criteria for RadioFrequency Electromagnetic Fields, NCRP Report No. 86, 1986. Reprinted Feb. 1995.
- [7] T. Schmid, O. Egger, N. Kuster, Automated E-field scanning system for dosimetric assessments, IEEE Transaction on Microwave Theory and Techniques, vol. 44, Jan. 1996, pp. 105-113.
- [8] K. Pokovic, T. Schmid, N. Kuster, Robust setup for precise calibration of E-field probes in tissue simulating liquids at mobile communications frequencies, ICECOM97, Oct. 1997, pp. 1 -124.
- [9] K. Pokovic, T. Schmid, and N. Kuster, E-field Probe with improved isotropy in brain simulating liquids, Proceedings of the ELMAR, Zadar, Croatia, June 23-25, 1996, pp. 172-175.
- [10] Schmid & Partner Engineering AG, Application Note: Data Storage and Evaluation, June 1998, p2.
- [11] V. Hombach, K. Meier, M. Burkhardt, E. Kuhn, N. Kuster, The Dependence of EM Energy Absorption upon Human Modeling at 900 MHz, IEEE Transaction on Microwave Theory and Techniques, vol. 44 no. 10, Oct. 1996, pp. 1865-1873.
- [12] N. Kuster and Q. Balzano, Energy absorption mechanism by biological bodies in the near field of dipole antennas above 300MHz, IEEE Transaction on Vehicular Technology, vol. 41, no. 1, Feb. 1992, pp. 17-23.
- [13] G. Hartsgrove, A. Kraszewski, A. Surowiec, Simulated Biological Materials for Electromagnetic Radiation Absorption Studies, University of Ottawa, Bioelectromagnetics, Canada: 1987, pp. 29-36.
- [14] Q. Balzano, O. Garay, T. Manning Jr., Electromagnetic Energy Exposure of Simulated Users of Portable Cellular Telephones, IEEE Transactions on Vehicular Technology, vol. 44, no.3, Aug. 1995.
- [15] W. Gander, Computermathematick, Birkhaeuser, Basel, 1992.
- [16] W.H. Press, S.A. Teukolsky, W.T. Vetterling, and B.P. Flannery, Numerical Recipes in C, The Art of Scientific Computing, Second edition, Cambridge University Press, 1992.
- [17] N. Kuster, R. Kastle, T. Schmid, Dosimetric evaluation of mobile communications equipment with known precision, IEEE Transaction on Communications, vol. E80-B, no. 5, May 1997, pp. 645-652.

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- [18] CENELEC CLC/SC111B, European Prestandard (prENV 50166-2), Human Exposure to Electromagnetic Fields High-frequency: 10kHz-300GHz, Jan. 1995.
- [19] Prof. Dr. Niels Kuster, ETH, Eidgenössische Technische Hoschschule Zürich, Dosimetric Evaluation of the Cellular Phone.
- [20] IEC 62209-1, Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices Part 1: Devices used next to the ear (Frequency range of 300 MHz to 6 GHz), July 2016.
- [21] Innovation, Science, Economic Development Canada RSS-102 Radio Frequency Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands) Issue 5, March 2015.
- [22] Health Canada Safety Code 6 Limits of Human Exposure to Radio Frequency Electromagnetic Fields in the Frequency Range from 3 kHz – 300 GHz, 2015
- [23] FCC SAR Test Procedures for 2G-3G Devices, Mobile Hotspot and UMPC Devices KDB Publications 941225, D01-D07
- [24] SAR Measurement Guidance for IEEE 802.11 Transmitters, KDB Publication 248227 D01
- [25] FCC SAR Considerations for Handsets with Multiple Transmitters and Antennas, KDB Publications 648474 D03-D04
- [26] FCC SAR Evaluation Considerations for Laptop, Notebook, Netbook and Tablet Computers, FCC KDB Publication 616217 D04
- [27] FCC SAR Measurement and Reporting Requirements for 100MHz 6 GHz, KDB Publications 865664 D01-D02
- [28] FCC General RF Exposure Guidance and SAR Procedures for Dongles, KDB Publication 447498, D01-D02
- [29] Anexo à Resolução No. 533, de 10 de Septembro de 2009.
- [30] IEC 62209-2, Human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices Human models, instrumentation, and procedures Part 2: Procedure to determine the specific absorption rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz), Mar. 2010.

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