FCC SAR Test Report
FCC ID: 2AX2URW350RGLL

Report No.	:	BTL-FCC SAR-1-2504T032
Equipment	:	5G module
Model Name	:	RW350R-GL
Brand Name	:	Rolling Wireless
Applicant	:	Rolling Wireless S.a r.l.
Address	:	8-10, rue Mathias Hardt 1717, Ville-Haute Luxembourg
Radio Function	:	WLAN 2.4G, WLAN 5G, WLAN 6G, Bluetooth, WCDMA Band II, IV, V , LTE Band 2, 4, 5, 7, 12, 13, 14, 17, 25, 26, 30, 38, 41, 42, 43, 48 66, 71 and NR Band 2, 5, 7, 12, 14, 25, 26, 30, 38, 41, 48, 66, 71, 77, 78
Standard(s)	:	**KDB447498 D04** Interim General RF Exposure Guidance v01 **KDB865664 D01** SAR measurement 100 MHz to 6 GHz v01r04 **KDB865664 D02** SAR Reporting v01r02 **KDB616217 D04** SAR for laptop and Tablets **KDB941225 D01** 3G SAR Procedures v03r01 **KDB941225 D05** SAR for LTE Devices v02r05 **FCC§2.1093** Radiofrequency radiation exposure evaluation: portable devices **IEEE C95.1:2019** Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz – 300 GHz. **IEEE Std 1528:2013** Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques
Date of Receipt	:	Apr. 8, 2025
Date of Test	:	May 12, 2025 ~ May 29, 2025
Issued Date	:	Jul. 7, 2025

The above equipment has been tested and found in compliance with the requirement of the above standards by BTL Inc.

Prepared by :

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Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL** shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **BTL** issued reports.

This report is the confidential property of the client. As a mutual protection to the clients, the public and ourselves, the test report shall not be reproduced, except in full, without our written approval.

BTL's laboratory quality assurance procedures are in compliance with the **ISO/IEC 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer which may affect the validity of results, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements of applied standards and in all the possible configurations as representative of its intended use.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	2025/6/9
R01	Add Highest Simultaneous Transmission SAR-1g(W/kg)	2025/7/7

1 GENERAL INFORMATION

1.1 GENERAL DESCRIPTION OF EUT

Equipment	5G module		
Model Name	RW350R-GL		
Brand Name	Rolling Wireless		
Host device 1 information			
Equipment	Notebook Computer		
Model Name	TP00167A		
Brand Name	Lenovo		
Power Rating	Brand：Lenovo Model：ADL180YGSLC3A Input：100-240V~ 3.0A 50-60Hz Output：36.0VDC 5.0A 180W 28.0VDC 5.0A / 20.0VDC 5.0A / 15.0VDC 3.0A / 9.0VDC 3.0A / 5.0VDC 3.0A 15.0W Brand：Lenovo Model：ADL180YGSAC3A Input：100-240V~ 2.5A 50-60Hz Output：36.0VDC 5.0A 180W 28.0VDC 5.0A / 20.0VDC 5.0A / 15.0VDC 3.0A / 9.0VDC 3.0A / 5.0VDC 3.0A 15.0W Brand：Lenovo Model：ADL180YGSHC3A Input：100-240V~ 2.5A 50-60Hz Output：36.0VDC 5.0A 180W 5.0VDC 3.0A 15.0W / 9.0VDC 3.0A 27.0W / 15.0VDC 3.0A 45.0W / 20.0VDC 5.0A 100.0W / 28.0VDC 5.0A 140.0W		
WIFI+BT Module	Intel® Wi-Fi 7 BE200NGW		
WWAN Module	Quectel / RW350R-GL		
NFC Module	FOXCONN / T77H747		
Operation Band	Function	Band	Frequency (MHz)
	WiFi	2.4G	TX : 2400 – 2483.5 MHz
		5G_UNII 1	TX : 5150 - 5250 MHz
		5G_UNII 2a	TX : 5250 - 5350 MHz
		5G_UNII 2c	TX : 5470 - 5725 MHz
		5G_UNII 3	TX : 5725 - 5850 MHz
		5G_UNII 4	TX : 5945 - 6425 MHz
		6G_UNII 5	TX : 5925 - 6425 MHz
		6G_UNII 6	TX : 6425 - 6525 MHz
		6G_UNII 7	TX : 6525 - 6875 MHz
		6G_UNII 8	TX : 6875 - 7125 MHz
	Bluetooth	Basic Rate (BR)	TX : 2400 – 2483.5 MHz
		Enhance Data Rate	TX : 2400 – 2483.5 MHz
		Bluetooth Low Energy	TX : 2400 – 2483.5 MHz
	WCDMA	UMTS Band II	TX : 1850 - 1910 MHz
		UMTS Band IV	TX : 1710 - 1755 MHz
		UMTS Band V	TX : 824 - 849 MHz
	LTE	LTE Band 2	TX : 1850 - 1910 MHz
		LTE Band 4	TX : 1710 - 1755 MHz
		LTE Band 5	TX : 824 - 849 MHz

		LTE Band 7	TX : 2500 - 2570 MHz
		LTE Band 12	TX : 699 - 716 MHz
		LTE Band 13	TX : 777 - 787 MHz
		LTE Band 14	TX : 788 - 798 MHz
		LTE Band 17	TX : 704 - 716 MHz
		LTE Band 25	TX : 1850 - 1915 MHz
		LTE Band 26	TX : 814 - 849 MHz
		LTE Band 30	TX : 2305 - 2315 MHz
		LTE Band 38	TX : 2570 - 2620 MHz
		LTE Band 41	TX : 2496 - 2690 MHz
		LTE Band 42	TX : 3400 - 3600 MHz
		LTE Band 43	TX : 3600 - 3800 MHz
		LTE Band 48	TX : 3550 - 3700 MHz
		LTE Band 66	TX : 1710 - 1780 MHz
		LTE Band 71	TX : 663 - 698 MHz
	NR	NR n2	TX : 1850 - 1910 MHz
		NR n5	TX : 824 - 849 MHz
		NR n7	TX : 2500 - 2570 MHz
		NR n12	TX : 699 - 716 MHz
		NR n14	TX : 788 - 798 MHz
		NR n25	TX : 1850 - 1915 MHz
		NR n26	TX : 814 - 849 MHz
		NR n30	TX : 2305 - 2315 MHz
		NR n38	TX : 2570 - 2620 MHz
		NR n41	TX : 2496 - 2690 MHz
		NR n48	TX : 3550 - 3700 MHz
		NR n66	TX : 1710 - 1780 MHz
		NR n71	TX : 663 - 698 MHz
		NR n77	TX : 3300 - 4200 MHz
		NR n78	TX : 3300 - 3800 MHz
Test Model	RW350R-GL		
Sample Status	Engineering Sample		
EUT Modification(s)	N/A		

Note：

1. Based on original report (Report No.: BTL-FCC SAR-1-2504T032) to add Intel BE200NGW (FCC: PD9BE200NG) to evaluate Sim-Tx analysis.
2. The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.
3. The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCC SAR-1-2502T032) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

2 SUMMARY OF SAR MEASUREMENT

2.1 TEST FACILITY

The test locations stated below are under the TAF Accreditation Number 0659.
The test facilities used to collect the test data in this report is SAR Test room at the location of No. 68-1, Ln. 169, Sec.2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan.
(FCC DN: TW0659)

☒ SAR 01 ☐ SAR 02 ☐ SAR 03

2.2 MEASUREMENT UNCERTAINTY

Uncertainty Budget for Frequency range of 300 MHz to 3 GHz

Error Description	Uncertainty Value (± %)	Probability Distribution	Divisor	Ci (1g)	Ci (10g)	Standard Uncertainty (1g)	Standard Uncertainty (10g)	Vi V_{eff}
Measurement System								
Probe Calibration	5.5	Normal	1	1	1	± 6.0 %	± 6.0 %	∞
Axial Isotropy	4.7	Rectangular	$\sqrt{3}$	0.7	0.7	± 1.9 %	± 1.9 %	∞
Hemispherical Isotropy	9.6	Rectangular	$\sqrt{3}$	0.7	0.7	± 3.9 %	± 3.9 %	∞
Boundary Effects	1	Rectangular	$\sqrt{3}$	1	1	± 0.6 %	± 0.6 %	∞
Linearity	4.7	Rectangular	$\sqrt{3}$	1	1	± 2.7 %	± 2.7 %	∞
Detection Limits	1	Rectangular	$\sqrt{3}$	1	1	± 0.6 %	± 0.6 %	∞
Modulation response	2.4	Rectangular	$\sqrt{3}$	1	1	± 1.4 %	± 1.4 %	∞
Readout Electronics	0.3	Normal	1	1	1	± 0.3 %	± 0.3 %	∞
Response Time	0.8	Rectangular	$\sqrt{3}$	1	1	± 0.5%	± 0.5 %	∞
Integration Time	2.6	Rectangular	$\sqrt{3}$	1	1	± 1.5 %	± 1.5 %	∞
RF Ambient – Noise	3	Rectangular	$\sqrt{3}$	1	1	± 1.7 %	± 1.7 %	∞
RF Ambient– Reflections	3	Rectangula	$\sqrt{3}$	1	1	± 1.7 %	± 1.7 %	∞
Probe Positioner	0.02	Rectangular	$\sqrt{3}$	1	1	± 0.0 %	± 0.0 %	∞
Probe Positioning	0.4	Rectangular	$\sqrt{3}$	1	1	± 0.2 %	± 0.2 %	∞
Max.SAR Evaluation	2	Rectangular	$\sqrt{3}$	1	1	± 1.2 %	± 1.2 %	∞
Test Sample Related								
Device Positioning	2.9	Normal	1	1	1	± 2.9 %	± 2.9 %	145
Device Holder	3.6	Normal	1	1	1	± 3.6 %	± 3.6 %	5
Power Drift	5.0	Rectangular	$\sqrt{3}$	1	1	± 2.9 %	± 2.9 %	∞
Phantom and Setup								
Phantom Production Tolerances	6.1	Rectangular	$\sqrt{3}$	1	1	± 3.5 %	± 3.5 %	∞
SAR correction	1.9	Rectangular	$\sqrt{3}$	1	0.84	± 1.9 %	± 1.6 %	
Liquid Conductivity (mea.)	2.3	Rectangular	$\sqrt{3}$	0.78	0.71	± 1.0 %	± 0.9 %	∞
Liquid Permittivity (mea.)	2.4	Rectangular	$\sqrt{3}$	0.26	0.26	± 1.0 %	± 0.9 %	∞
Temp. unc. - Conductivity	3.4	Rectangular	$\sqrt{3}$	0.78	0.71	± 1.5 %	± 1.4 %	∞
Temp. unc. - Permittivity	0.4	Rectangular	$\sqrt{3}$	0.23	0.26	± 0.1 %	± 0.1 %	∞
Combined Standard Uncertainty (K = 1)						± 10.77 %	± 10.72 %	361
Expanded Uncertainty (K = 2)						**± 21.53 %**	**± 21.45 %**	

Uncertainty Budget for Frequency range of 3 GHz to 6 GHz

Error Description	Uncertainty Value (± %)	Probability Distribution	Divisor	Ci (1g)	Ci (10g)	Standard Uncertainty (1g)	Standard Uncertainty (10g)	Vi V_{eff}
Measurement System								
Probe Calibration	6.55	Normal	1	1	1	± 7.0 %	± 7.00 %	∞
Axial Isotropy	4.7	Rectangular	$\sqrt{3}$	0.7	0.7	± 1.9 %	± 1.9 %	∞
Hemispherical Isotropy	9.6	Rectangular	$\sqrt{3}$	0.7	0.7	± 3.9 %	± 3.9 %	∞
Boundary Effects	2	Rectangular	$\sqrt{3}$	1	1	± 1.2 %	± 1.2 %	∞
Linearity	4.7	Rectangular	$\sqrt{3}$	1	1	± 2.7 %	± 2.7 %	∞
Detection Limits	1	Rectangular	$\sqrt{3}$	1	1	± 0.6 %	± 0.6 %	∞
Modulation response	2.4	Rectangular	$\sqrt{3}$	1	1	±1.4 %	±1.4 %	∞
Readout Electronics	0.3	Normal	1	1	1	± 0.3 %	± 0.3 %	∞
Response Time	0.8	Rectangular	$\sqrt{3}$	1	1	± 0.5%	± 0.5 %	∞
Integration Time	2.6	Rectangular	$\sqrt{3}$	1	1	± 1.5 %	± 1.5 %	∞
RF Ambient – Noise	3	Rectangular	$\sqrt{3}$	1	1	± 1.7 %	± 1.7 %	∞
RF Ambient– Reflections	3	Rectangular	$\sqrt{3}$	1	1	± 1.7 %	± 1.7 %	∞
Probe Positioner	0.04	Rectangular	$\sqrt{3}$	1	1	± 0.0 %	± 0.0 %	∞
Probe Positioning	0.8	Rectangular	$\sqrt{3}$	1	1	± 0.5 %	± 0.5 %	∞
Max.SAR Evaluation	4	Rectangular	$\sqrt{3}$	1	1	± 2.3 %	± 2.3 %	∞
Test Sample Related								
Device Positioning	2.9	Normal	1	1	1	± 2.9 %	± 2.9 %	145
Device Holder	3.6	Normal	1	1	1	± 3.6 %	± 3.6 %	5
Power Drift	5.0	Rectangular	$\sqrt{3}$	1	1	± 2.9 %	± 2.9 %	∞
Phantom and Setup								
Phantom Production Tolerances	6.6	Rectangular	$\sqrt{3}$	1	1	± 3.8 %	± 3.8 %	∞
SAR correction	1.9	Rectangular	$\sqrt{3}$	1	0.84	± 1.9 %	± 1.6 %	
Liquid Conductivity (mea.)	2.6	Rectangular	$\sqrt{3}$	0.78	0.71	± 1.2 %	± 1.1 %	∞
Liquid Permittivity (mea.)	2.4	Rectangular	$\sqrt{3}$	0.26	0.26	± 0.4 %	± 0.4 %	∞
Temp. unc. - Conductivity	3.4	Rectangular	$\sqrt{3}$	0.78	0.71	± 1.5 %	± 1.4 %	∞
Temp. unc. - Permittivity	0.4	Rectangular	$\sqrt{3}$	0.23	0.26	± 0.1 %	± 0.1 %	∞
Combined Standard Uncertainty (K = 1)						± 11.67 %	± 11.63 %	361
Expanded Uncertainty (K = 2)						**± 23.34 %**	**± 23.25 %**	

2.3. Antenna Information

For WLAN

Antenna	Manufacture	Part Number	Type	Frequency Range (MHz)	Gain (dBi)
Main	ATC	DC330028V00	PIFA	2400-2483.5	2.85
				5150-5250	1.66
				5250-5350	2.98
				5470-5725	3.86
				5725-5850	4.29
				5850-5895	4.32
				5925-6425	3.98
				6425-6525	2.11
				6525-6875	2.07
				6875-7125	1.85
Aux	ATC	DC330028V00	PIFA	2400-2483.5	1.77
				5150-5250	3.42
				5250-5350	2.75
				5470-5725	4.41
				5725-5850	4.52
				5850-5895	4.18
				5925-6425	4.36
				6425-6525	3.52
				6525-6875	3.45
				6875-7125	2.87

Antenna	Manufacture	Part Number	Type	Frequency Range (MHz)	Gain (dBi)
Main	SPEEDWIRE	DC330027Q00	PIFA	2400-2483.5	1.92
				5150-5250	0.68
				5250-5350	0.73
				5470-5725	0.02
				5725-5850	1.46
				5850-5895	1.27
				5925-6425	2.58
				6425-6525	0.78
				6525-6875	2.46
				6875-7125	1.63
Aux	SPEEDWIRE	DC330027Q00	PIFA	2400-2483.5	-0.47
				5150-5250	2.30
				5250-5350	1.80
				5470-5725	1.25
				5725-5850	0.02
				5850-5895	-0.41
				5925-6425	0.93
				6425-6525	0.66
				6525-6875	2.43
				6875-7125	1.80

For WWAN

Antenna	Manufacture	P/N	Type	Gain (dBi)	Note
Main	SPEED	DC330027Q10	PIFA	1.84	UMTS-Band V
				1.84	LTE Band 5
				0.52	LTE Band 12
				1.77	LTE Band 13
				1.69	LTE Band 14
				0.52	LTE Band 17
				1.52	LTE Band 26
				-0.99	LTE Band 71
				1.84	n5
				0.52	n12
				1.69	n14
				1.52	n26
				1.54	n41
				-0.99	n71
				0.75	n77
				0.75	n78
AUX	SPEED	DC330027Q10	PIFA	-	RX only
MIMO1	SPEED	DC330027Q10	PIFA	-	RX only
MIMO2	SPEED	DC330027Q10	PIFA	0.96	UMTS-Band II
				0.90	UMTS-Band IV
				0.96	LTE Band 2
				0.90	LTE Band 4
				0.96	LTE Band 7
				0.94	LTE Band 25
				0.98	LTE Band 30
				0.96	LTE Band 38
				0.96	LTE Band 41
				0.59	LTE Band 42
				-0.50	LTE Band 43
				-0.50	LTE Band 48
				0.96	n2
				0.96	n7
				0.94	n25
				0.98	n30
				0.96	n38
				0.96	n41
				-0.50	n48
				0.88	n66
				0.99	n77
				0.99	n78

Note:
The above Antenna information are derived from the antenna data sheet provided by manufacturer and for mo re detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be he ld responsible.

2.4. The Maximum SAR 1g Values

Mode	Distance(mm)	Highest Body Reported SAR-1g(W/kg)	Highest Simultaneous Transmission SAR-1g(W/kg)
UMTS Band II	14	0.596	1.589
UMTS Band IV	14	1.091	
UMTS Band V	14	0.498	
LTE Band 2/25	14	0.365	
LTE Band 4/66	14	0.682	
LTE Band 5/26	0	0.430	
LTE Band 7	14	0.643	
LTE Band 12	0	1.006	
LTE Band 13	0	0.792	
LTE Band 14	0	0.599	
LTE Band 17	0	0.928	
LTE Band 30	14	0.394	
LTE Band 38	14	0.213	
LTE Band 41	14	0.242	
LTE Band 42	14	0.265	
LTE Band 43	14	0.245	
LTE Band 48	14	0.141	
LTE Band 71	0	1.047	
NR Band 2	14	0.222	
NR Band 5	0	0.553	
NR Band 7	14	0.420	
NR Band 12	0	1.144	
NR Band 14	0	0.662	
NR Band 25	14	0.229	
NR Band 26	0	0.694	
NR Band 30	14	0.341	
NR Band 38	14	0.176	
NR Band 41	0	1.179	
NR Band 48	14	0.072	
NR Band 66	14	0.419	
NR Band 71	0	0.886	
NR Band 77/78	19	1.048	

Note:

1. The device is in compliance with Specific Absorption Rate(SAR)for general population uncontrolled exposure limits according to the FCC rule §2.1093, the ANSI C95.1:2019/IEEE C95.1:2019, the NCRP Report Number 86 for uncontrolled environment and had been tested in accordance with the measurement methods and procedures specified in IEEE Std 1528:2013.
2. This NFC FCC ID: MCLT77H747 RF Exposure was address in report no.: SFBHQC-WTW-P22070414A and 1mW exemption is applicable for the NFC transmitter and cannot use estimated SAR for Sim-Tx analysis.
3. NR n77 (3300 ~ 4200 MHz) overlaps the entire frequency range of NR n78 (3300 ~ 3800 MHz). Therefore, test data provided in this report covers n77 as well as n78.

2.5. Laboratory Environment

Temperature	Min. = 18ºC, Max. = 25ºC
Relative humidity	Min. = 30%, Max. = 70%
Ground system resistance	< 0.5Ω
Ambient noise is checked and found very low and in compliance with requirement of standards. Reflection of surrounding objects is minimized and in compliance with requirement of standards.	

2.6. Main Test Instruments

Item	Equipment	Manufacturer	Model	Serial No.	Cal. Date	Cal. Interval
1	DASY5	Speag	DASY 5(Version 52.10.4.1535)	N/A	N/A	N/A
2	Data Acquisition Electronics	Speag	DAE4	1305	Apr. 22, 2025	1 Year
3	E-field Probe	Speag	EX3DV4	7678	Aug. 21, 2024	1 Year
4	E-field Probe	Speag	EX3DV4	7515	Jan. 7, 2025	1 Year
5	System Validation Dipole	Speag	D750V3	1145	May. 27, 2022	3 Year
6	System Validation Dipole	Speag	D835V2	4d084	Apr. 18, 2024	3 Year
7	System Validation Dipole	Speag	D1800V2	2d210	May. 30, 2022	3 Year
8	System Validation Dipole	Speag	D1900V2	5d208	May. 23, 2022	3 Year
9	System Validation Dipole	Speag	D2300V2	1054	May. 25, 2022	3 Year
10	System Validation Dipole	Speag	D2600V2	1077	Apr. 15, 2025	3 Year
11	System Validation Dipole	Speag	D3500V2	1096	Aug. 15, 2023	3 Year
12	System Validation Dipole	Speag	D3700V2	1065	Aug. 15, 2023	3 Year
13	System Validation Dipole	Speag	D3900V2	1040	Aug. 15, 2023	3 Year
14	ELI4 Phantom	Speag	ELI4 Phantom V5.0	1240	N/A	N/A
15	Vector network analyzer	Keysight	P5007A	MY58100505	Feb. 25, 2025	1 Year
16	MXG Vector Signal Generator	Agilent	N5182B	MY51350711	Feb. 21, 2025	1 Year
17	Frequency Extender	Keysight	N5182BX07	MY59360246	Feb. 21, 2025	1 Year
18	Spectrum Analyzer	R&S	FSV7	103032	Aug. 7, 2024	1 Year
19	Peak Power Analyzer	Keysight	8990B	MY51000517	Mar. 16, 2025	1 Year
20	Power Sensor	Keysight	N1923A	MY58310005	Mar.18, 2025	1 Year

21	WIRELESS COMMUNICATION TEST SET	Agilent	E5515C	GB47390193	Jul. 7, 2024	1 Year
22	Radio Communication Analyzer	Anritsu	MT8820C	6201465366	Jul. 26, 2024	1 Year
23	Radio Communication Analyzer	Anritsu	MT8000A	6262036844	Nov. 20, 2024	1 Year
24	Dielectric Probe Kit	Agilent	85070E	2593	N/A	N/A
25	Power Amplifier	EMCI	EMC053035	980869	N/A	N/A
26	Thermometer	PA	TA298	h001	Mar. 11, 2025	1 Year
27	Directional Coupler	Woken	50W Coupler	DOM5CIW3E2	N/A	N/A
28	Attenuator	Woken	WATT-518FS-10	N/A	N/A	N/A

Remark: “N/A” denotes no model name, serial No. or calibration specified.

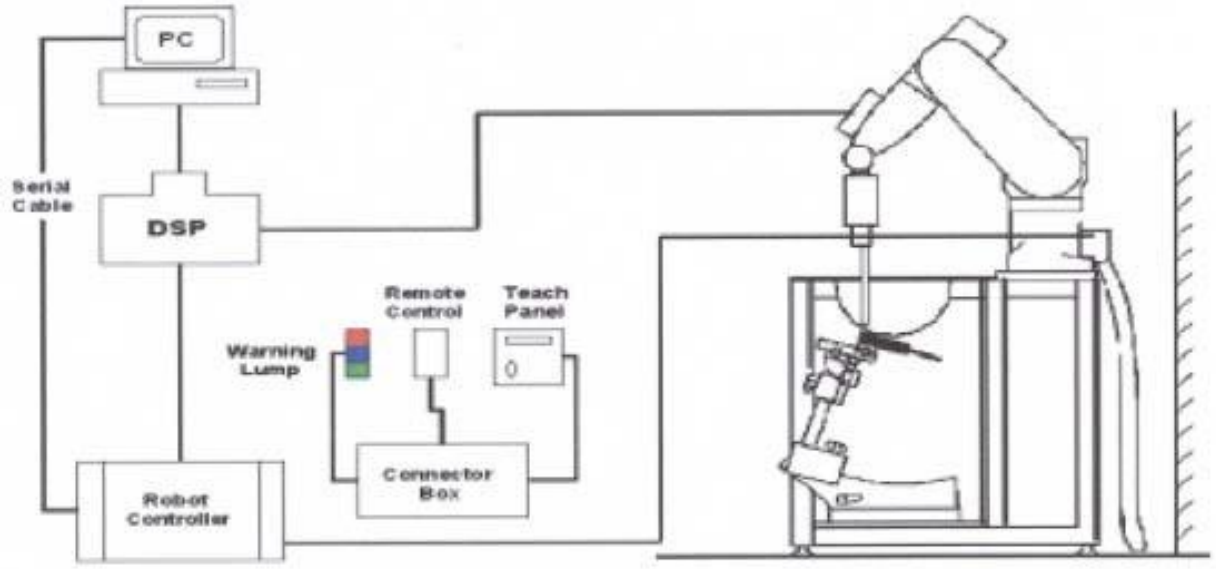
3 SAR MEASUREMENTS SYSTEM CONFIGURATION

3.1 SAR Measurement Setup

The DASY5 system for performing compliance tests consists of the following items:

1. A standard high precision 6-axis robot (Stäubli RX family) with controller and software. An arm extension for accommodating the data acquisition electronics (DAE).
2. A dosimetric probe, i.e. an isotropic E-field probe optimized and calibrated for usage in tissue simulating liquid. The probe is equipped with an optical surface detector system.
3. A data acquisition electronic (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.
4. A unit to operate the optical surface detector which is connected to the EOC.
5. The Electro-Optical Coupler (EOC) performs the conversion from the optical into a digital electric signal of the DAE. The EOC is connected to the DASY5 measurement server.
6. The DASY5 measurement server, which performs all real-time data evaluation for field measurements and surface detection, controls robot movements and handles safety operation. A computer operating Windows.
7. DASY5 software and SEMCAD data evaluation software.
8. Remote control with teach panel and additional circuitry for robot safety such as warning lamps, etc.
9. The generic twin phantom enabling the testing of left-hand and right-hand usage.
10. The device holder for handheld mobile phones.
11. Tissue simulating liquid mixed according to the given recipes.
12. System validation dipoles allowing to validate the proper functioning of the system.

3.1.1 TEST SETUP LAYOUT

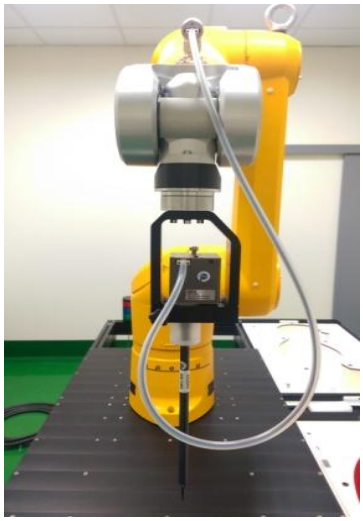


3.2 DASY5 E-field Probe System

The SAR measurements were conducted with the dosimetric probe EX3DV4 (manufactured by SPEAG), designed in the classical triangular configuration and optimized for dosimetric evaluation.

3.2.1 EX3DV4 PROBE SPECIFICATION

Construction	Symmetrical design with triangular core Interleaved sensors Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)
Calibration	ISO/IEC 17025 calibration service available
Frequency	10 MHz to 6 GHz Linearity: ± 0.2 dB (30 MHz to 6 GHz)
Directivity	± 0.3 dB in HSL (rotation around probe axis) ± 0.5 dB in tissue material (rotation normal to probe axis)
Dynamic Range	10 µW/g to > 100 mW/g Linearity: ± 0.2dB
Dimensions	Overall length: 330 mm (Tip: 20 mm) Tip diameter: 2.5 mm (Body: 12 mm) Distance from probe tip to dipole centers: 1.0 mm



EX3DV4 E-field Probe

3.2.2 E-FIELD PROBE CALIBRATION

Each probe is calibrated according to a dosimetric assessment procedure with accuracy better than ±10%. The spherical isotropy was evaluated and found to be better than ± 0.25dB. The sensitivity parameters (NormX, NormY, NormZ), the diode compression parameter (DCP) and the conversion factor (ConvF) of the probe are tested.

The free space E-field from amplified probe outputs is determined in a test chamber. This is performed in a TEM cell for frequencies bellow 1 GHz, and in a wave guide above 1 GHz for free space. For the free space calibration, the probe is placed in the volumetric center of the cavity and at the proper orientation with the field. The probe is then rotated 360 degrees.

E-field temperature correlation calibration is performed in a flat phantom filled with the appropriate simulated brain tissue. The measured free space E-field in the medium correlates to temperature rise in a dielectric medium. For temperature correlation calibration a RF transparent thermistor-based temperature probe is used in conjunction with the E-field probe.

$$\mathbf{SAR} = \mathbf{C}\frac{\Delta T}{\Delta t}$$

Where: Δt = Exposure time (30 seconds),

C = Heat capacity of tissue (brain or muscle),

ΔT = Temperature increase due to RF exposure.

Or $$\mathbf{SAR} = \frac{|E|^2 \sigma}{\rho}$$

Where: σ = Simulated tissue conductivity,

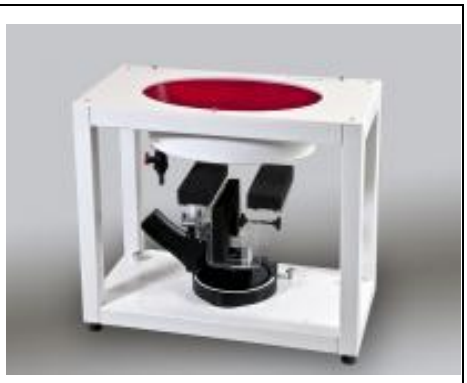
ρ = Tissue density (kg/m3).

3.2.3 OTHER TEST EQUIPMENT

3.2.3.1. DEVICE HOLDER FOR TRANSMITTERS

Construction: Simple but effective and easy-to-use extension for Mounting Device that facilitates the testing of larger devices according to IEC 62209-2 (e.g., laptops, cameras, etc.) It is lightweight and fits easily on the upper part of the Mounting Device in place of the phone positioner. The extension is fully compatible with the Twin SAM, ELI4 and SAM v6.0 Phantoms.
Material: POM, Acrylic glass, Foam

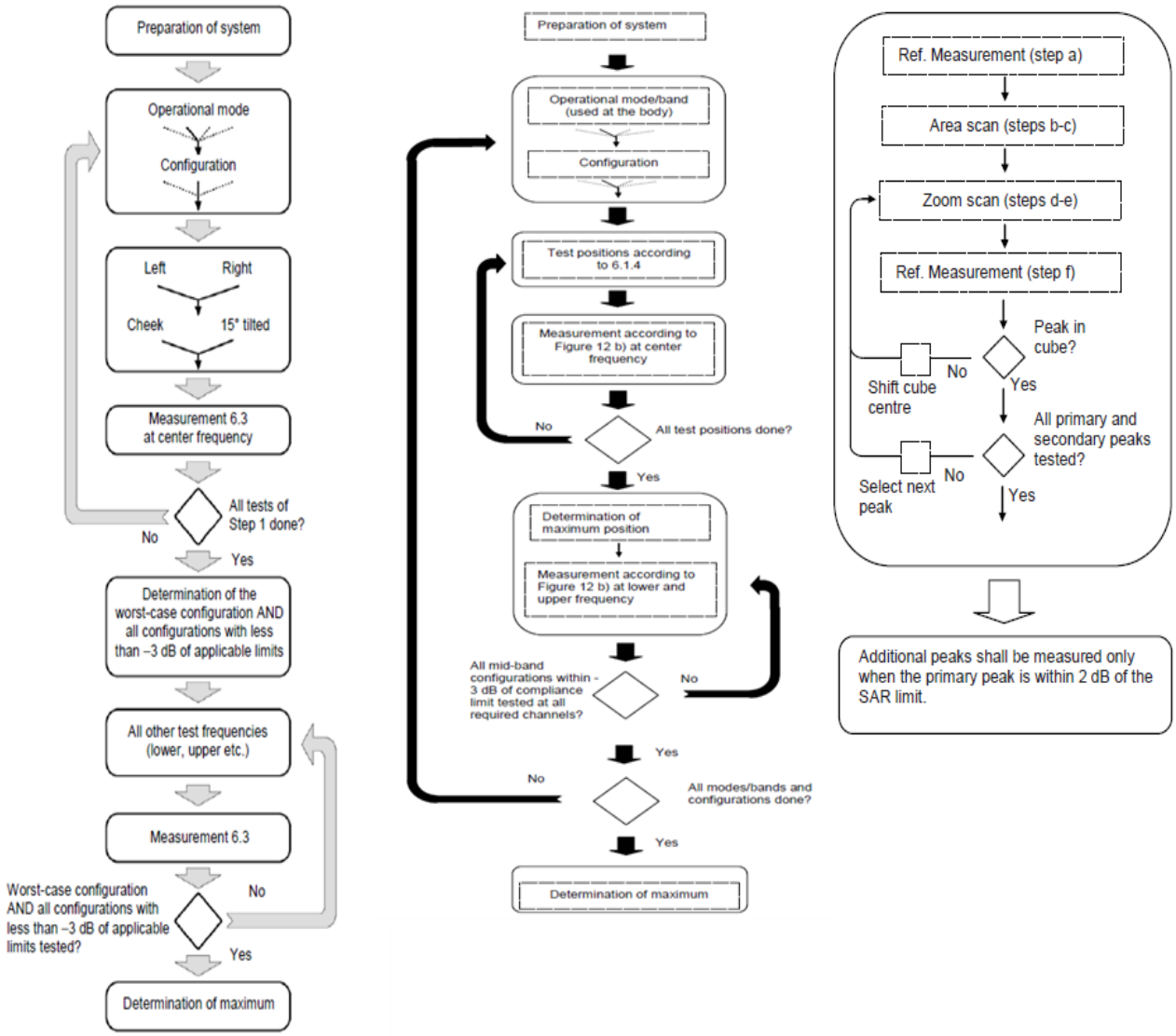
3.2.3.2. PHANTOM

Model	ELI4 Phantom	
Construction	Phantom for compliance testing of handheld and body-mounted wireless devices in the frequency range of 30 MHz to 6 GHz. ELI is fully compatible with the IEC 62209-2 standard and all known tissue simulating liquids. ELI has been optimized regarding its performance and can be integrated into our standard phantom tables. A cover prevents evaporation of the liquid. Reference markings on the phantom allow installation of the complete setup, including all predefined phantom positions and measurement grids, by teaching three points. The phantom is compatible with all SPEAG dosimetric probes and dipoles.	
Shell Thickness	2±0.1 mm	
Filling Volume	Approx. 30 liters	
Dimensions	Length: 600 mm ; Width: 190mm Height: adjustable feet	
Aailable	Special	

Model	Twin SAM	
Construction	The shell corresponds to the specifications of the Specific Anthropomorphic Mannequin (SAM) phantom defined in IEEE 1528 and IEC 62209-1. It enables the dosimetric evaluation of left and right hand phone usage as well as body mounted usage at the flat phantom region. A cover prevents evaporation of the liquid. Reference markings on the phantom allow the complete setup of all predefined phantom positions and measurement grids by teaching three points with the robot.	
Shell Thickness	2 ± 0.2 mm	
Filling Volume	Approx. 25 liters	
Dimensions	Length:1000mm; Width: 500mm Height: adjustable feet	
Aailable	Special	

3.2.4 SCANNING PROCEDURE

The SAR test against the head and body-worn phantom was carried out as follow:



After an area scan has been done at a fixed distance of 1.4mm from the surface of the phantom on the source side, a 3D scan is set up around the location of the maximum spot SAR. First, a point within the scan area is visited by the probe and a SAR reading taken at the start of testing. At the end of testing, the probe is returned to the same point and a second reading is taken. Comparison between these start and end readings enables the power drift during measurement to be assessed.

Above is the scanning procedure flow chart and table from the IEEE1528 standard.

This is the procedure for which all compliant testing should be carried out to ensure that all variations of the device position and transmission behavior are tested.

3.2.5 DATA STORAGE AND EVALUATION

3.2.5.1. DATA STORAGE

The DASY5 software stores the acquired data from the data acquisition electronics as raw data (in microvolt readings from the probe sensors), together with all necessary software parameters for the data evaluation (probe calibration data, liquid parameters and device frequency and modulation data) in measurement files with the extension “DAE4”. The software evaluates the desired unit and format for output each time the data is visualized or exported. This allows verification of the complete software setup even after the measurement and allows correction of incorrect parameter settings. For example, if a measurement has been performed with a wrong crest factor parameter in the device setup, the parameter can be corrected afterwards and the data can be re-evaluated.

The measured data can be visualized or exported in different units or formats, depending on the selected probe type ([V/m], [A/m], [°C], [mW/g], [mW/cm²], [dBrel], etc.). Some of these units are not available in certain situations or show meaningless results, e.g., a SAR output in a lossless media will always be zero. Raw data can also be exported to perform the evaluation with other software packages.

3.2.6 DATA EVALUATION BY SEMCAD

The SEMCAD software automatically executes the following procedures to calculate the field units from the microvolt readings at the probe connector. The parameters used in the evaluation are stored in the configuration modules of the software:

Probe parameters:	Sensitivity	Normi, a_{i0}, a_{i1}, a_{i2}
	Conversion factor	$ConvF_i$
	Diode compression point	Dcp_i
Device parameters:	Frequency	f
	Crest factor	cf
Media parameters:	Conductivity	
	Density	

These parameters must be set correctly in the software. They can be found in the component documents or they can be imported into the software from the configuration files issued for the DASY5 components. In the direct measuring mode of the multimeter option, the parameters of the actual system setup are used. In the scan visualization and export modes, the parameters stored in the corresponding document files are used.

The first step of the evaluation is a linearization of the filtered input signal to account for the compression characteristics of the detector diode. The compensation depends on the input signal, the diode type and the DC-transmission factor from the diode to the evaluation electronics.

If the exciting field is pulsed, the crest factor of the signal must be known to correctly compensate for peak power. The formula for each channel can be given as:

$$V_i = U_i + U_i^2 \cdot cf / dcpi$$

With	V_i = compensated signal of channel i	(i = x, y, z)
	U_i = input signal of channel i	(i = x, y, z)
	cf = crest factor of exciting field	(DASY parameter)
	dcp_i = diode compression point	(DASY parameter)

From the compensated input signals the primary field data for each channel can be evaluated:

E-field probes: $E_i = (V_i / Norm_i \cdot ConvF)^{1/2}$

H-field probes: $H_i = (V_i)^{1/2} \cdot (a_{i0} + a_{i1} f + a_{i2} f^2) / f$

With V_i = compensated signal of channel i (i = x, y, z)

$Norm_i$ = sensor sensitivity of channel i (i = x, y, z)
[mV/(V/m)^2] for E-field Probes

ConvF = sensitivity enhancement in solution

aij = sensor sensitivity factors for H-field probes

f = carrier frequency [GHz]

E_i = electric field strength of channel i in V/m

H_i = magnetic field strength of channel i in A/m

The RSS value of the field components gives the total field strength (Hermitian magnitude):

$$E_{tot} = (E_X^2 + E_Y^2 + E_Z^2)^{1/2}$$

The primary field data are used to calculate the derived field units.

$$SAR = (E_{tot})^2 \cdot \sigma / (\rho \cdot 1000)$$

With SAR = local specific absorption rate in mW/g

E_{tot} = total field strength in V/m
= conductivity in [mho/m] or [Siemens/m]
= equivalent tissue density in g/cm^3

Note that the density is normally set to 1 (or 1.06), to account for actual brain density rather than the density of the simulation liquid. The power flow density is calculated assuming the excitation field to be a free space field.

$$P_{pwe} = E_{tot}^2 / 3770 \text{ or } Ppwe = H_{tot}^2 \cdot 37.7$$

With P_{pwe} = equivalent power density of a plane wave in mW/cm^2

E_{tot} = total field strength in V/m
H_{tot} = total magnetic field strength in A/m

4 TISSUE-EQUIVALENT LIQUID

4.1 Tissue-equivalent Liquid Ingredients

The liquid is consisted of water, salt and Glycol, Sugar, Preventol and Cellulose. The liquid has previously been proven to be suited for worst-case. The measured conductivity and relative permittivity should be within ±5% of the target values. The below table shows the detail solution. It's satisfying the latest tissue dielectric parameters requirements proposed by the IEC 62209.

Composition of the Tissue Equivalent Matter

Tissue Type	Bactericide	DGBE	HEC	NaCl	Sucrose	Triton X-100	Water	Diethylene Glycol Mono-hexylether
Head 750	0.2	-	0.2	1.5	56.0	-	42.1	-
Head 835	0.2	-	0.2	1.5	57.0	-	41.2	-
Head 1800	-	44.5	-	0.3	-	-	55.2	-
Head 1900	-	44.5	-	0.2	-	-	55.3	-
Head 2300		44.9	-	0.1	-	-	55.0	-
Head 2600	-	45.1	-	0.1	-	-	54.8	-
Head 3500	-	8.0	-	0.2	-	20.0	71.8	-

4.2 Tissue-equivalent Liquid Properties

Dielectric Performance of Tissue Simulating Liquid

Tissue Verification									
Date	Tissue Type	Frequency (MHz)	Conductivity (σ)	Permittivity (εr)	Targeted Conductivity (σ)	Targeted Permittivity (εr)	Deviation Conductivity (σ) (%)	Deviation Permittivity (εr) (%)	Limit (%) ±5
2025/5/12	Head	750	0.915	42.054	0.89	41.90	2.42	0.37	±5
2025/5/13	Head	750	0.922	42.223	0.89	41.90	3.20	0.77	±5
2025/5/20	Head	750	0.919	42.154	0.89	41.90	2.87	0.61	±5
2025/5/12	Head	835	0.939	40.836	0.90	41.50	4.33	-1.60	±5
2025/5/13	Head	835	0.943	41.004	0.90	41.50	4.78	-1.20	±5
2025/5/20	Head	835	0.944	40.935	0.90	41.50	4.89	-1.36	±5
2025/5/12	Head	1800	1.419	39.062	1.40	40.00	1.36	-2.35	±5
2025/5/14	Head	1800	1.418	39.057	1.40	40.00	1.29	-2.36	±5
2025/5/21	Head	1800	1.411	38.982	1.40	40.00	0.79	-2.55	±5
2025/5/12	Head	1900	1.404	40.384	1.40	40.00	0.29	0.96	±5
2025/5/14	Head	1900	1.369	40.049	1.40	40.00	-2.21	0.12	±5
2025/5/21	Head	1900	1.410	40.442	1.40	40.00	0.71	1.11	±5
2025/5/15	Head	2300	1.664	38.824	1.67	39.50	-0.16	-1.71	±5
2025/5/23	Head	2300	1.679	38.947	1.67	39.50	0.74	-1.40	±5
2025/5/15	Head	2600	1.998	37.721	1.96	39.00	1.94	-3.28	±5
2025/5/17	Head	2600	2.039	38.004	1.96	39.00	4.03	-2.55	±5
2025/5/23	Head	2600	2.001	37.739	1.96	39.00	2.09	-3.23	±5
2025/5/24	Head	2600	2.017	37.852	1.96	39.00	2.91	-2.94	±5
2025/5/26	Head	2600	2.016	37.844	1.96	39.00	2.86	-2.96	±5
2025/5/16	Head	3500	2.961	37.644	2.91	37.90	1.67	-0.68	±5
2025/5/19	Head	3500	2.947	37.570	2.91	37.90	1.18	-0.87	±5
2025/5/27	Head	3500	2.978	37.733	2.91	37.90	2.25	-0.44	±5
2025/5/28	Head	3500	2.943	37.549	2.91	37.90	1.05	-0.93	±5
2025/5/29	Head	3500	2.973	37.702	2.91	37.90	2.08	-0.52	±5
2025/5/16	Head	3700	3.186	36.914	3.12	37.70	2.20	-2.08	±5
2025/5/19	Head	3700	3.170	36.841	3.12	37.70	1.68	-2.28	±5
2025/5/27	Head	3700	3.204	37.003	3.12	37.70	2.77	-1.85	±5
2025/5/28	Head	3700	3.166	36.819	3.12	37.70	1.56	-2.34	±5
2025/5/29	Head	3700	3.198	36.973	3.12	37.70	2.58	-1.93	±5
2025/5/28	Head	3900	3.387	36.208	3.33	37.51	1.71	-3.47	±5
2025/5/29	Head	3900	3.420	36.362	3.33	37.51	2.70	-3.06	±5

Note:
1)The dielectric parameters of the tissue-equivalent liquid should be measured under similar ambient conditions and within 2 °C of the conditions expected during the SAR evaluation to satisfy protocol requirements.
2) KDB 865664 was ensured to be applied for probe calibration frequencies greater than or equal to 50MHz of the EUT frequencies.
3)The above measured tissue parameters were used in the DASY software to perform interpolation via the DASY software to determine actual dielectric parameters at the test frequencies. The SAR test plots may slightly differ from the table above since the DASY rounds to three significant digits.
4) According to FCC TCB workshop April, 2019 RF Exposure Procedures Update(Effective February 19,2019, FCC has permitted the use of single head-tissue simulating liquid specified in IEEE 62209-1- for all SAR tests.

5 SYSTEM CHECK

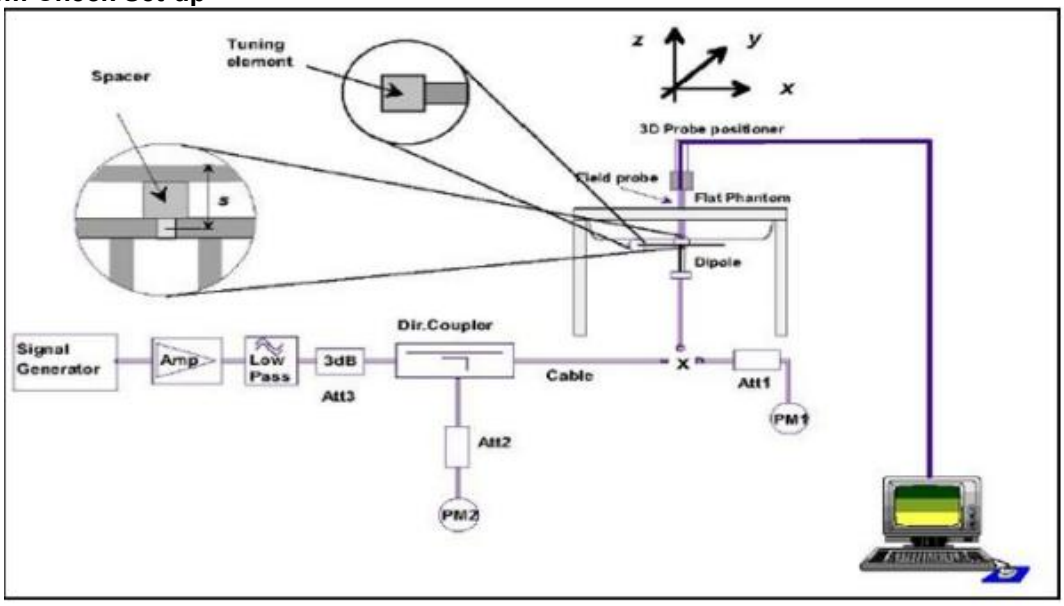
5.1 DESCRIPTION OF SYSTEM CHECK

The manufacturer calibrates the probes annually. Dielectric parameters of the tissue simulants were measured every day using the dielectric probe kit and the network analyzer. A system check measurement was made following the determination of the dielectric parameters of the simulant, using the dipole validation kit. A power level of 250 mW(below 3GHz) or 100mW(3-6GHz), which was placed under the flat section of the twin SAM phantom. The system check results (dielectric parameters and SAR values) are given in the 6.2.

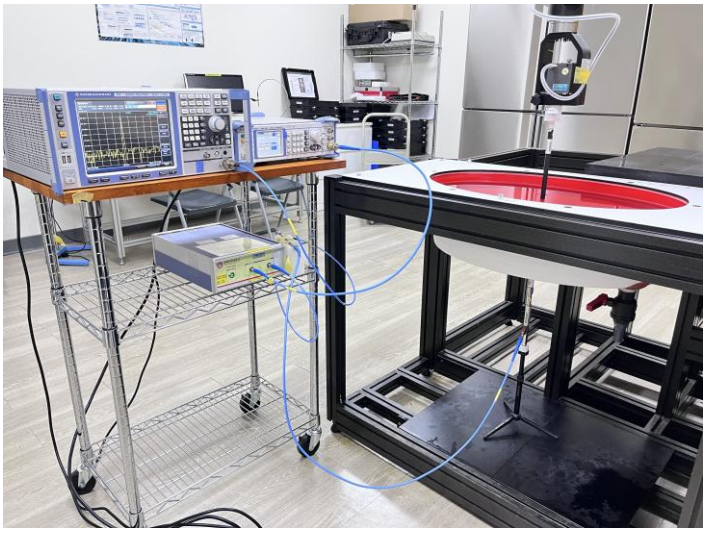
System check results have to be equal or near the values determined during dipole calibration with the relevant liquids and test system (±10 %).

System check is performed regularly on all frequency bands where tests are performed with the DASY5 system.

System Check Set-up



System Check photo



5.2 DESCRIPTION OF SYSTEM CHECK

System Check in Tissue Simulating Liquid

The system check is performed for verifying the accuracy of the complete measurement system and performance of the software. The system check is performed with tissue equivalent material according to IEEE P1528 (described above). The following table shows system check results for all frequency bands and tissue liquids used during the tests.

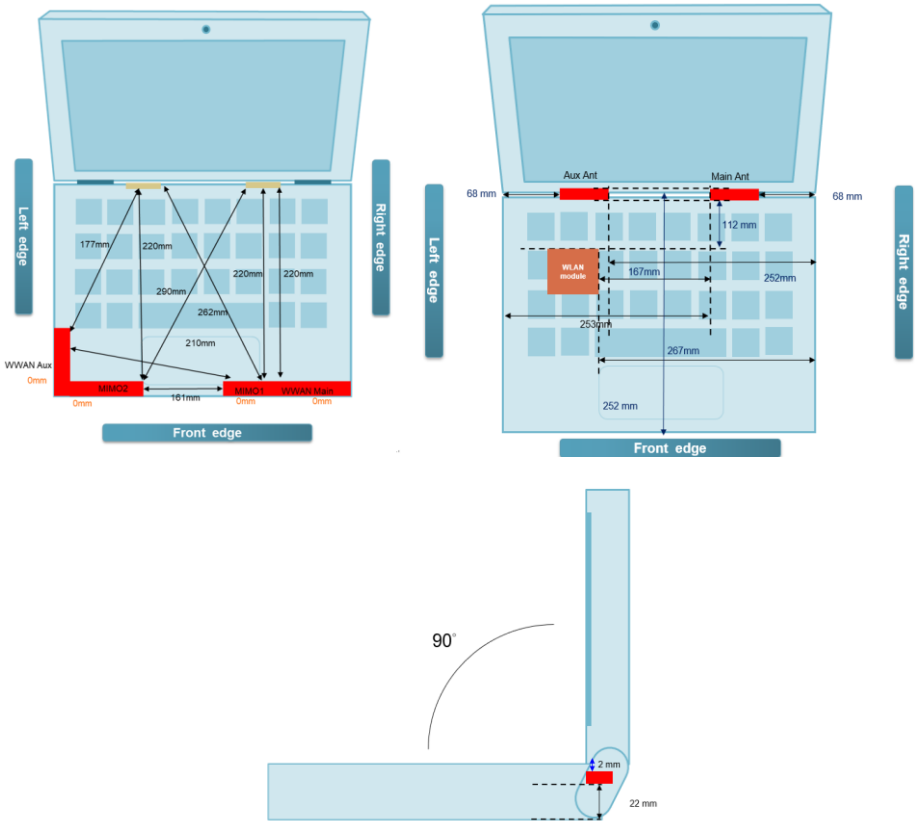
Date	System Dipole			Target 1g [W/kg]	Measured 1g [W/kg]	Normalized to 1W 10g[W/kg]	Deviation [%]	Limited [%]
	Type	Serial No.	Liquid					
2025/5/12	D750V3	1145	Head	8.55	2.17	8.68	1.52	± 10
2025/5/13	D750V3	1145	Head	8.55	2.22	8.88	3.86	± 10
2025/5/20	D750V3	1145	Head	8.55	2.20	8.80	2.92	± 10
2025/5/12	D835V2	4d120	Head	9.77	2.46	9.84	0.72	± 10
2025/5/13	D835V2	4d120	Head	9.77	2.48	9.92	1.54	± 10
2025/5/20	D835V2	4d120	Head	9.77	2.33	9.32	-4.61	± 10
2025/5/12	D1800V2	2d210	Head	38.20	8.99	35.96	-5.86	± 10
2025/5/14	D1800V2	2d210	Head	38.20	9.24	36.96	-3.25	± 10
2025/5/21	D1800V2	2d210	Head	38.20	10.20	40.80	6.81	± 10
2025/5/12	D1900V2	5d208	Head	40.20	10.20	40.80	1.49	± 10
2025/5/14	D1900V2	5d208	Head	40.20	9.97	39.88	-0.80	± 10
2025/5/21	D1900V2	5d208	Head	40.20	10.30	41.20	2.49	± 10
2025/5/15	D2300V2	1054	Head	48.20	12.40	49.60	2.90	± 10
2025/5/23	D2300V2	1054	Head	48.20	12.40	49.60	2.90	± 10
2025/5/15	D2600V2	1077	Head	56.10	14.10	56.40	0.53	± 10
2025/5/17	D2600V2	1077	Head	56.10	14.40	57.60	2.67	± 10
2025/5/23	D2600V2	1077	Head	56.10	14.70	58.80	4.81	± 10
2025/5/24	D2600V2	1077	Head	56.10	13.70	54.80	-2.32	± 10
2025/5/26	D2600V2	1077	Head	56.10	14.20	56.80	1.25	± 10
2025/5/16	D3500V2 (3.5GHz)	1096	Head	66.50	6.59	65.90	-0.90	± 10
2025/5/19	D3500V2 (3.5GHz)	1096	Head	66.50	6.58	65.80	-1.05	± 10
2025/5/27	D3500V2 (3.5GHz)	1096	Head	66.50	6.59	65.90	-0.90	± 10
2025/5/28	D3500V2 (3.5GHz)	1096	Head	66.50	6.60	66.00	-0.75	± 10
2025/5/29	D3500V2 (3.5GHz)	1096	Head	66.50	6.69	66.90	0.60	± 10
2025/5/16	D3700V2	1065	Head	67.70	6.45	64.50	-4.73	± 10
2025/5/19	D3700V2	1065	Head	67.70	6.41	64.10	-5.32	± 10
2025/5/27	D3700V2	1065	Head	67.70	6.62	66.20	-2.22	± 10
2025/5/28	D3700V2	1065	Head	67.70	6.95	69.50	2.66	± 10
2025/5/29	D3700V2	1065	Head	67.70	7.00	70.00	3.40	± 10
2025/5/28	D3900V2 (3.9GHz)	1040	Head	69.50	6.75	67.50	-2.88	± 10
2025/5/29	D3900V2 (3.9GHz)	1040	Head	69.50	6.89	68.90	-0.86	± 10

6 OPERATIONAL CONDITIONS DURING TEST

6.1 General Description of Test Procedures

Connection to the EUT is established via air interface with base station An, and the EUT is Set to maximum output power by base station. The EUT battery must be fully charged and checked periodically during the test to ascertain uniform power output. The antenna connected to the output of the base station simulator shall be placed at least 50cm away from the EUT. The signal transmitted by the simulator to the antenna feeding point shall be lower than the output power level of the EUT by at least 30dB.

6.2 Test position Antenna Location



6.3 Test Position of Portable Devices

Minimum Separation Distance					
P-Sensor	Mode	Antenna	Position	Distance (mm)	Evaluation Test
on	WWAN	Main	Bottom	0.00	Yes
		MIMO 2	Bottom	0.00	Yes
off		Main	Bottom	14.00	Yes
		MIMO 2	Bottom	14.00	Yes
			Bottom	19.00	Yes

7 SAR MEASUREMENT VARIABILITY AND UNCERTAINTY

7.1 SAR measurement variability

Per KDB865664 D01 SAR measurement 100 MHz to 6 GHz, SAR measurement variability must be assessed for each frequency band, which is determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. The additional measurements are repeated after the completion of all measurements requiring the same head or body tissue-equivalent medium in a frequency band. The test device should be returned to ambient conditions (normal room temperature) with the battery fully charged before it is re-mounted on the device holder for the repeated measurement(s) to minimize any unexpected variations in the repeated results.

1) Repeated measurement is not required when the original highest measured SAR is < 0.80 W/kg; steps 2) through 4) do not apply.
2) When the original highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.
3) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).
4) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds.

The detailed repeated measurement results are shown in Section 10.1.

7.2 WCDMA Test Configuration

1. Output Power Verification

Maximum output power is verified on the High, Middle and Low channels according to the procedures description in section 5.2 of 3GPP TS 34.121,using the appropriate RMC or AMR with TPC(transmit power control) set to all “1s” for WCDMA/HSDPA or applying the required inner loop power control procedure to maintain maximum output power while HSUPA is active. Result for all applicable physical channel configurations(DPCCH,DPDCHn and spreading codes, HSDPA, HSPA)
Should be tabulated in the SAR report .All configuration that are not supported by the DUT or cannot be measured due to technical or equipment limitation should be clearly identified.

2. WCDMA

(1).Head SAR Measurements
SAR for Head exposure configurations in voice mode is measured using a 12.2 kbps RMC with TPC bits configured to all “1s”. SAR in AMR configurations is not required when the maximum average output of each RF channel for 12.2 kbps AMR is less than ¼ dB higher than that measured in 12.2 kbps RMC. Otherwise SAR is measured on the maximum output channel in 12.2 kbps AMR with 3.4kbps SRB(signalling radio bearer) using the exposure configuration that results in the highest SAR in12.2kbps RMC for that RF channel.

(2).Body SAR Measurements
SAR for body exposure configurations is measured using the 12.2 kbps RMC with the TPC bits configured to all “1s”. SAR for other spreading codes and multiple DPDCHn, when supported by the EUT, are not required when the maximum average outputs of each RF channel, for each spreading code and DPDCHn configuration, are less than ¼ dB higher than those measured in 12.2 kbps RMC.

3. HSDPA

SAR for body exposure configurations is measured according to the “Body SAR Measurements”” procedures of 3G device. In addition, body SAR is also measured for HSDPA when the maximum average outputs of each RF channel with HSDPA active is at ¼ dB higher than that measured without HSDPA using 12.2kbps RMC or the maximum SAR 12.2kbps RMC is above 75% of the SAR limit.
Body SAR for HSDPA is measured using an FRC with H-Set 1 in Sub-test 1 and a 12.2kbps RMC configured in Test Loop Mode 1, using the highest body SAR configuration in 12.2 kbps RMC without HSDPA.
HSDPA should be configured according to UE category of a test device. The number of HS-DSCH/HS-PDSCHs, HAPRQ processes, minimum inter-TTI interval, transport block sizes and RV coding sequence are defined by the H-set. To maintain a consistent test configuration and stable transmission condition, QPSK is used in the H-set for SAR testing. HS-DPCCH should be configured with a CQI feedback cycle of 4ms with a CQI repetition factor of 2 to maintain a constant rate of active CQI slots. The β_c and β_d gain factors for DPCCH and DPDCH were set according to the values in the below table, β_{hs} for HS-DPCCH is set automatically to the correct value when ΔACK, ΔNACK, ΔCQI = 8. The variation of the β_c / β_d ratio causes a power reduction at sub-tests 2 - 4.

Sub-test	β_c	β_d	β_d (SF)	β_c / β_d	β_{hs} (1)	CM(dB)(2)	MPR (dB)
1	2/15	15/15	64	2/15	4/15	0.0	0
2	12/15(3)	15/15(3)	64	12/15(3)	24/15	1.0	0
3	15/15	8/15	64	15/8	30/15	1.5	0.5
4	15/15	4/15	64	15/4	30/15	1.5	0.5

Note 1: ΔACK, ΔNACK and ΔCQI = 8 $A_{hs} = \beta_{hs}/\beta_c = 30/15$ $\beta_{hs} = 30/15 * \beta_c$
Note 2 : CM=1 for β_c/β_d= 12/15, β_{hs}/β_c = 24/15. For all other combinations of DPDCH,DPCCH and HS-DPCCH the MPR is based on the relative CM difference. This is applicable for only UEs that support HSDPA in release 6 and later releases.
Note 3 : For subtest 2 the β_c/β_d ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1,TF1) to β_c = 11/15 and β_d = 15/15

The measurements were performed with a Fixed Reference Channel (FRC) and H-Set 1 QPSK.

Settings of required H-Set 1 QPSK acc. to 3GPP 34.121

Parameter	Value
Nominal average inf. bit rate	534 kbit/s
Inter-TTI Distance	3 TTI"s
Number of HARQ Processes	2 Processes
Information Bit Payload	3202 Bits
MAC-d PDU size	336 Bits
Number Code Blocks	1 Block
Binary Channel Bits Per TTI	4800 Bits
Total Available SMLs in UE	19200 SMLs
Number of SMLs per HARQ Process	9600 SMLs
Coding Rate	0.67
Number of Physical Channel Codes	5

HSDPA UE category

HS-DSCH Category	Maximum HS-DSCH Codes Received	Minimum Inter-TTI Interval	Maximum HS-DSCH Transport Block Bits/HS-DSCH TTI	Total Soft Channel Bits
1	5	3	7298	19200
2	5	3	7298	28800
3	5	2	7298	28800
4	5	2	7298	38400
5	5	1	7298	57600
6	5	1	7298	67200
7	10	1	14411	115200
8	10	1	14411	134400
9	15	1	25251	172800
10	15	1	27952	172800
11	5	2	3630	14400
12	5	1	3630	28800
13	15	1	34800	259200
14	15	1	42196	259200
15	15	1	23370	345600
16	15	1	27952	345600

4. HSUPA

SAR for Body exposure configurations is measured according to the “Body SAR Measurements” procedures of 3G device. When the maximum output power is ≤¼ dB higher than the primary mode or when the SAR of the primary mode is scaled by the ratio of specified maximum output power and SAR is ≤ 75% SAR Limit, SAR measurement is not required for the secondary mode.

The 3G SAR test reduction procedures is applied to HSPA(HSUPA/HSDPA with RMC) body configurations with 12.2 kbps RMC as the primary mode. Otherwise, SAR is measured for HSPA using the HSPA body SAR procedures for the highest reported body exposure SAR configuration in 12.2 kbps RMC.

Due to inner loop power control requirements in HSUPA, a commercial communication test set should be used for the output power and SAR tests. The 12.2 kbps RMC, FRC H-set 1 and E-DCH configurations for HSDPA should be configured according to the values indicated below as well as other applicable procedures described in the “WCDMA Handset" and „Release 5 HSDPA Data Device” sections of 3G device.

Subtests for WCDMA Release 6 HSUPA

WCDMA General Settings	Mode	HSPA	HSPA	HSPA	HSPA	HSPA
	Subtest	1	2	3	4	5
	Loopback Mode	Test Mode 1				
	Rel99 RMC	12.2kbps RMC				
	HSDPA FRC	H-Set1				
	HSUPA Test	HSUPA Loopback				
	Power Control Algorithm	Algorithm2				
	βc	11/15	6/15	15/15	2/15	15/15
	βd	15/15	15/15	9/15	15/15	15/15
	βec	209/225	12/15	30/15	2/15	24/15
	βc/βd	11/15	6/15	9/15	2/15	15/15
	βhs	22/15	12/15	30/15	4/15	30/15
	βed	1309/225	94/75	47/15	56/75	134/15
	CM (dB)	1	3	2	3	1
	MPR (dB)	0	2	1	2	0

HSUPA UE category

UE E-DCH Category	Maximum E-DCH Codes Transmitted	Number of HARQ Processes	E-DCH TTI(ms)	Minimum Speading Factor	Maximum E-DCH Transport Block Bits	Max Rate (Mbps)
1	1	4	10	4	7110	0.7296
2	2	8	2	4	2798	1.4592
	2	4	10	4	14484	
3	2	4	10	4	14484	1.4592
4	2	8	2	2	5772	2.9185
	2	4	10	2	20000	2.00
5	2	4	10	2	20000	2.00
6 (No DPDCH)	4	8	10	2SF2&2SF4	11484	5.76
	4	4	2		20000	2.00
7 (No DPDCH)	4	8	2	2SF2&2SF4	22996	?
	4	4	10		20000	?

NOTE: When 4 codes are transmitted in parallel, two codes shall be transmitted with SF2 and two with SF4.UE categories 1 to 6 support QPSK only. UE category 7 supports QPSK and 16QAM.(TS25.306-7.3.0).

5. DC-HSDPA

In DC-HSDPA implementation of this device, the uplink parameters are the same as HSDPA. No additiona channels and modulations (16 QAM, and 64 QAM) are supported in uplink. The difference is only in the downlink parameters, where two carriers are supported. HSDPA settings were used on uplink.

For Rel. 8 DC-HSDPA apply the four subtests from HSDPA Release 5 except use fixed reference channe H-Set 12 for DC-HSDPA. And we can apply the same SAR test exclusion criteria used for Rel. 6 HSPA fc Rel. 7 HSPA+ and Rel. 8 DC-HSDPA. That is, if the HSPA, HSPA+, or the DC-HSDPA maximum output i not more than 0.25 dB higher than WCDMA, SAR measurement for those modes is not required.
The following tests were completed according to procedures in section 7.3.13 of 3GPP TS 34.108 v9.5.0. summary of these settings are illustrated below:

Downlink Physical Channels are set as per 3GPP TS34.121-1 v9.0.0 E.5.0
Levels for HSDPA connection setup

Parameter During Connection setup	Unit	Value
P-CPICH_Ec/Ior	dB	-10
P-CCPCH and SCH_Ec/Ior	dB	-12
PICH _Ec/Ior	dB	-15
HS-PDSCH	dB	off
HS-SCCH_1	dB	off
DPCH_Ec/Ior	dB	-5
OCNS_Ec/Ior	dB	-3.1

Call is set up as per 3GPP TS34.108 v9.5.0 sub clause 7.3.13
The configurations of the fixed reference channels for HSDPA RF tests are described in 3GPP TS 34.121 annex C for FDD and 3GPP TS 34.122.
The measurements were performed with a Fixed Reference Channel (FRC) H-Set 12 with QPSK

Parameter	Value
Nominal average inf. bit rate	60 kbit/s
Inter-TTI Distance	1 TTI"s
Number of HARQ Processes	6 Processes
Information Bit Payload	120 Bits
Number Code Blocks	1 Block
Binary Channel Bits Per TTI	960 Bits
Total Available SMLs in UE	19200 SMLs
Number of SMLs per HARQ Process	3200 SMLs
Coding Rate	0.15
Number of Physical Channel Codes	1

Note:
1. The RMC is intended to be used for DC-HSDPA mode and both cells shall transmit with identical parameters as listed in the table above.
2. Maximum number of transmission is limited to 1,i.e.,retransmission is not allowed. The redundancy and constellation version 0 shall be used.

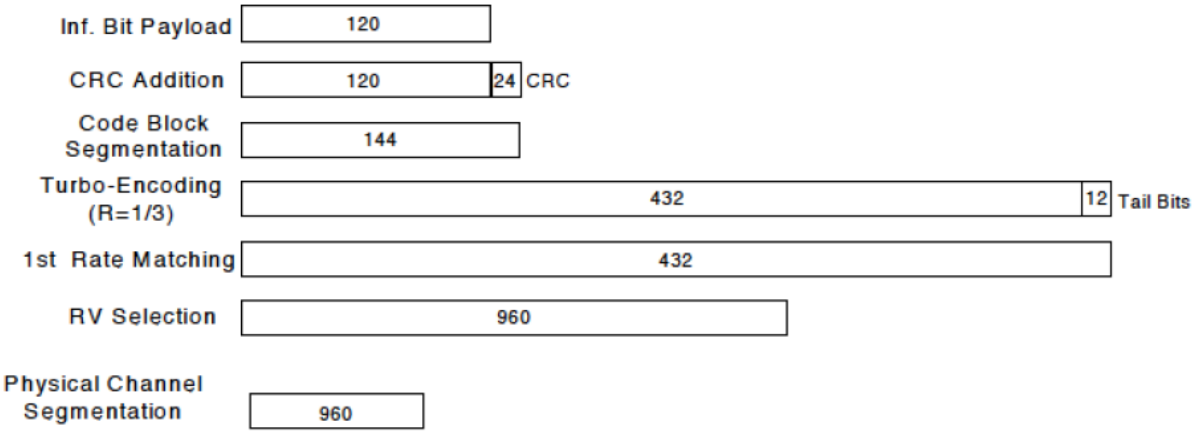


Figure C.8.19: Coding rate for Fixed reference Channel H-Set 12 (QPSK)

The following 4 Sub-tests for HSDPA were completed according to Release 5 procedures. A summary of subtest settings are illustrated below:

Sub-test	β_c	β_d	β_d (SF)	β_c/β_d	β_{hs} (1)	CM(dB)(2)	MPR (dB)
1	2/15	15/15	64	2/15	4/15	0.0	0
2	12/15(3)	15/15(3)	64	12/15(3)	24/15	1.0	0
3	15/15	8/15	64	15/8	30/15	1.5	0.5
4	15/15	4/15	64	15/4	30/15	1.5	0.5

Note 1: Δ ACK, Δ NACK and Δ CQI = 8 $A_{hs} = \beta_{hs}/\beta_c = 30/15$ $\beta_{hs} = 30/15 * \beta_c$

Note 2: CM=1 for β_c/β_d= 12/15, β_{hs}/β_c = 24/15. For all other combinations of DPDCH, DPCCH and HS-DPCCH the MPR is based on the relative CM difference. This is applicable for only UEs that support HSDPA in release 6 and later releases.

Note 3: For subtest 2 the β_c/β_d ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to β_c = 11/15 and β_d = 15/15

Up commands are set continuously to set the UE to Max power.

Note:
1.The Dual Carriers transmission only applies to HSDPA physical channels
2.The Dual Carriers belong to the same Node and are on adjacent carriers.
3.The Dual Carriers do not support MIMO to serve UEs configured for dual cell operation
4.The Dual Carriers operate in the same frequency band .
5.The device doesn't support the modulation of 16QAM in uplink but 64QAM in downlink for DC-HSDPA mode.
6.The device doesn’t support carrier aggregation for it just can operate in Release 8.

7.3 LTE Test Configuration

Establishing connections with base station simulators ensure a consistent means for testing SAR and are recommended for evaluating SAR. The RS CMW500 was used for LTE output power measurements and SAR testing. Max power control was used so the UE transmits with maximum output power during SAR testing. SAR must be measured with the maximum TTI(transmit time interval) supported by the device in each LTE configuration.

1)Spectrum Plots for RB configurations
A properly configured base station simulator was used for LTE output power measurements and SAR testing. Therefore, spectrum plots for RB configurations were not required to be included in this report.

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.

3)A-MPR
A-MPR(Additional MPR) has been disabled for all SAR tests by using Network Signaling Value of “NS=01”on the base station simulator.

4)SAR test requirements
The LTE SAR test is choice the max power mode and start with the max power channel.
A) Largest channel bandwidth standalone SAR test requirements
i) QPSK with 1 RB allocation
When the SAR is ≤ 1 W/kg, testing of the remaining RB offset configurations and required test channels is not required for 1 RB allocation; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel. When the 10-g SAR of a required test channel is > 1.8 W/kg, SAR is required for all three RB offset configurations for that required test channel.

8 POWER REDUCTION BY PROXIMITY SENSING

A proximity sensor for power reduction is implemented in this device to address RF exposure compliance when the cellular antenna is positioned close to the user's body. The sensor's mechanical structure is designed to fit within the enclosure design used in this device and also extended around the edge and top of the antenna element in order to optimize sensitivity in these orientations. This design combines the antenna printed directly on a plastic part and proximity sensor FPC (Flexible Printed Circuit) bonded together into one piece. According to KDB 616217 D04 SAR for laptop and tablets v01r02)

8.1 procedures for detrmining proximity sensor triggering distances

The following procedures should be applied to determine proximity sensor triggering distances for the back surface and individual edges of a tablet. Conducted power is monitored qualitatively to identify the general triggering characteristics and recorded quantitatively, versus spacing, as required by the procedures. Unless there is built-in test software that reports the triggering conditions and enables the power levels to be confirmed separately, monitoring of conducted power during the triggering tests typically requires internal access to the antenna ports inside the tablet, which may interfere with the triggering tests.

1. The relevant transmitter should be set to operate at its normal maximum output power.

2. The entire back surface or edge of the tablet is positioned below a flat phantom filled with the required tissue-equivalent medium, and positioned at least 20 mm further than the distance that triggers power reduction.

3. It should be ensured that the cables required for power measurements are not interfering with the proximity sensor. Cable losses should be properly compensated to report the measured power results.

4. The back surface or edge is moved toward the phantom in 3 mm steps until the sensor triggers.

5. The back surface or edge is then moved back (further away) from the phantom by at least 5 mm or until maximum output power is returned to the normal maximum level.

6. The back surface or edge is again moved toward the phantom, but in 1 mm steps, until it is at least 5 mm past the triggering point or touching the phantom. If 1 mm resolution is not suitable for the sensor triggering sensitivity, a KDB inquiry should be submitted to determine alternative test configurations.

7. If the tablet is not touching the phantom, it is moved in 3 mm steps until it touches the phantom to confirm that the sensor remains triggered and the maximum power stays reduced.

8. The process is then reversed by moving the tablet away from the phantom according to steps 4) to 7), to determine triggering release, until it is at least 10 mm beyond the point that triggers the return of normal maximum power.

9. The measured output power within ± 5 mm of the triggering points, or until the tablet is touching the phantom, for movements to and from the phantom should be tabulated in the SAR report.

10. If the sensor design and implementation allow additional variations for triggering distance tolerances, multiple samples should be tested to determine the most conservative distance required for SAR evaluation.

11. To ensure all production units are compliant, it is generally necessary to reduce the triggering distance determined from the triggering tests by 1 mm, or more if it is necessary, and use the smallest distance for movements to and from the phantom, minus 1 mm, as the sensor triggering distance for determining the SAR measurement distance.

8.2 procedures for detrmining antenna and proximity sensor coverage

The sensing regions are usually limited to areas near the sensor element. If a sensor is spatially offset from the antenna(s), it is necessary to verify sensor triggering for conditions where the antenna is next to the user but the sensor is laterally further away to ensure sensor coverage is sufficient for reducing the power to maintain compliance. The following are used to determine if additional SAR measurements may be necessary due to sensor and antenna offset. 25 These procedures do not apply and are not required for configurations where the antenna and sensor are collocated and the peak SAR location is overlapping with the sensor.

1. The back surface or edge of the tablet is positioned at a test separation distance less than or equal to the distance required for back surface or edge triggering, with both the antenna and sensor pad located at least 20 mm laterally outside the edge (boundary) of the phantom, along the direction of maximum antenna and sensor offset. For the back surface, if the direction of maximum offset is not aligned with the tablet coordinates (physical edges) the tablet test position would not be aligned with the phantom coordinates (orientations). Each applicable tablet edge should be positioned perpendicularly to the phantom to determine sensor coverage. For antennas and/or sensors located near the corner of a tablet, both adjacent edges must be considered.

2. The similar sequence of steps applied to determine sensor triggering distance in section 6.2 are used to verify back surface and edge sensor coverage by moving the tablet (sensor and antenna) horizontally toward the phantom while maintaining the same vertical separation between the back surface or edge and the phantom.

3. After the exact location where triggering of power reduction is determined, with respect to the sensor and antenna, the tablet movement should be continued, in 3 mm increments, until both the sensor and antenna(s) are fully under the phantom and at least 20 mm inside the phantom edge.

4. The process is then repeated from the opposite direction, starting at the other end of the maximum antenna and sensor offset, by rotating the tablet 180° along the vertical axis.

5. The triggering points should be documented graphically, with the antenna and sensor clearly identified, along with all relevant dimensions.

If the subsequently measured peak SAR location for the antenna is not between the triggering points, established by the sensor coverage tests from opposite ends of the antenna and sensor, additional SAR tests may be required for conditions where only part of the back surface or edge of a tablet corresponding to the antenna is in proximity to the user and the sensor may not be triggering as desired. A KDB inquiry must be submitted by the test lab to determine if additional tests are required and the proper test configurations to use for testing. This may include situations where the sensor coverage region is too small for the antenna, the sensor is located too far away from the antenna, the sensor location is insufficient to cover multiple antennas or the antenna is at the corner of a tablet etc.

8.3 proximity sensor status table of trigger distance

As per the KDB 616217 D04 SAR for laptop and tablets v01r02, section 6.2, the following procedure is used to determine the triggering distances.

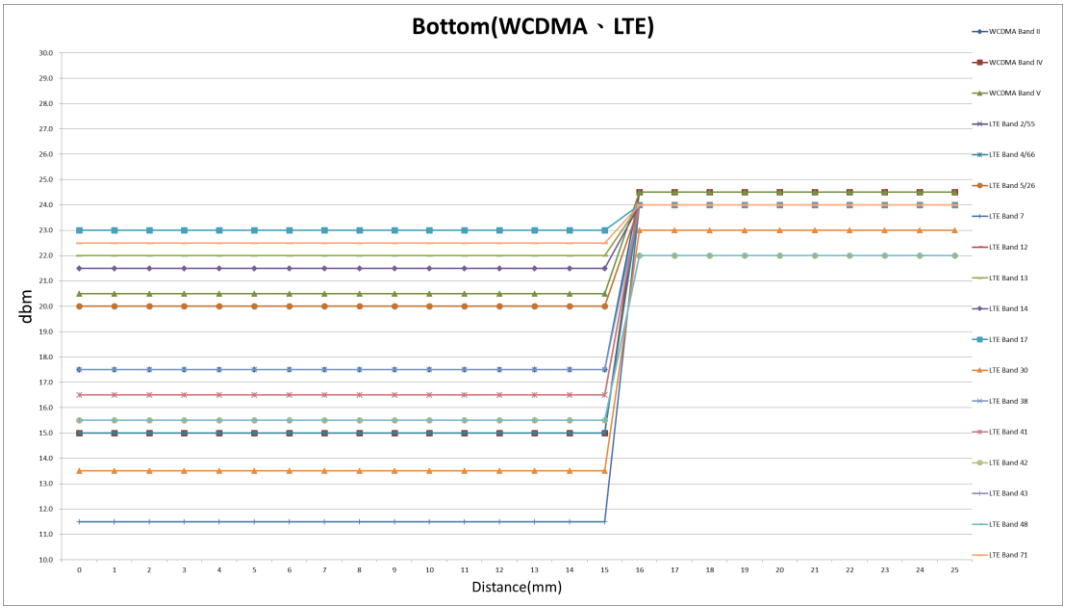
Proximity Sensor Status Table when DUT is moving towards the phantom

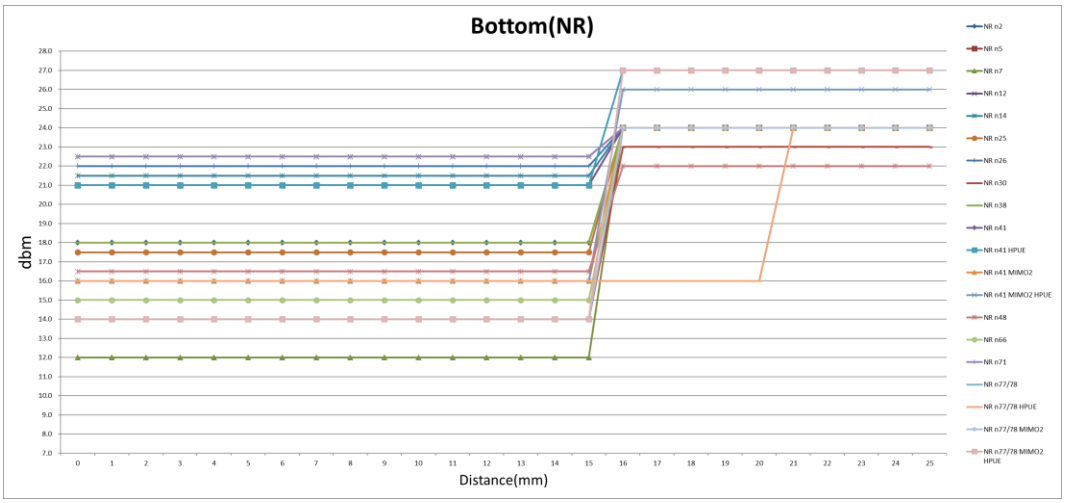
Distance to the DUT (mm)	Proximity Sensor Status – Bottom	
30	OFF	OFF
27	OFF	OFF
25	OFF	OFF
24	OFF	OFF
23	OFF	OFF
22	OFF	OFF
21	OFF	OFF
20	OFF	ON
19	OFF	ON
18	OFF	ON
17	OFF	ON
16	OFF	ON
15	ON	ON
14	ON	ON
13	ON	ON
12	ON	ON
11	ON	ON
10	ON	ON
9	ON	ON
8	ON	ON
7	ON	ON
6	ON	ON
5	ON	ON
4	ON	ON
3	ON	ON
2	ON	ON
1	ON	ON
0	ON	ON

Note: When the Sensor fails, the system output power will transmit at the lowest power.

8.4 power reduction per air-interface

The following graphs show the power level and the distance from the DUT to the flat phantom for the Bottom.





9 CONDUCTED POWER RESULTS

9.1 CONDUCTED POWER MEASUREMENTS OF UMTS Band

P-sensor off

Band	UMTS Band II Average Conducted Power(dBm)			
Tx Channel	Max. Tune-up power (dBm)	9262	9400	9538
Rx Channel		9662	9800	9938
Frequency(MHz)		1852.40MHz	1880.0MHz	1907.6MHz
RMC 12.2K	24.50	23.79	24.14	24.12
HSDPA Subtest-1	24.50	23.74	24.12	24.07
HSDPA Subtest-2	24.00	23.28	23.58	23.59
HSDPA Subtest-3	23.50	22.78	23.12	23.11
HSDPA Subtest-4	23.50	22.78	23.12	23.07
HSUPA Subtest-1	24.50	23.77	24.10	24.10
HSUPA Subtest-2	22.50	21.75	22.11	22.08
HSUPA Subtest-3	23.50	22.79	23.11	23.11
HSUPA Subtest-4	22.50	21.74	22.12	22.12
HSUPA Subtest-5	24.50	23.77	24.10	24.07

P-sensor on

Band	UMTS Band II Average Conducted Power(dBm)			
Tx Channel	Max. Tune-up power (dBm)	9262	9400	9538
Rx Channel		9662	9800	9938
Frequency(MHz)		1852.40MHz	1880.0MHz	1907.6MHz
RMC 12.2K	17.50	16.79	17.16	17.06
HSDPA Subtest-1	17.50	16.74	17.15	16.98
HSDPA Subtest-2	17.00	16.21	16.60	16.52
HSDPA Subtest-3	16.50	15.75	16.16	16.04
HSDPA Subtest-4	16.50	15.78	16.15	16.05
HSUPA Subtest-1	17.50	16.71	17.08	17.01
HSUPA Subtest-2	15.50	14.78	15.12	15.06
HSUPA Subtest-3	16.50	15.79	16.12	16.01
HSUPA Subtest-4	15.50	14.79	15.12	15.03
HSUPA Subtest-5	17.50	16.75	17.10	17.00

P-sensor off

Band	UMTS Band IV Average Conducted Power(dBm)			
Tx Channel	Max. Tune-up power (dBm)	1312	1413	1513
Rx Channel		1537	1638	1738
Frequency(MHz)		1712.4MHz	1732.6MHz	1752.6MHz
RMC 12.2K	24.50	24.06	24.18	24.13
HSDPA Subtest-1	24.50	24.00	24.11	24.07
HSDPA Subtest-2	24.00	23.52	23.67	23.56
HSDPA Subtest-3	23.50	23.05	23.15	23.10
HSDPA Subtest-4	23.50	23.04	23.14	23.11
HSUPA Subtest-1	24.50	23.98	24.12	24.10
HSUPA Subtest-2	22.50	22.02	22.16	22.08
HSUPA Subtest-3	23.50	23.04	23.17	23.08
HSUPA Subtest-4	22.50	22.01	22.13	22.11
HSUPA Subtest-5	24.50	24.01	24.14	24.11

P-sensor on

Band	UMTS Band IV Average Conducted Power(dBm)			
Tx Channel	Max. Tune-up power (dBm)	1312	1413	1513
Rx Channel		1537	1638	1738
Frequency(MHz)		1712.4MHz	1732.6MHz	1752.6MHz
RMC 12.2K	15.00	14.86	14.96	14.95
HSDPA Subtest-1	15.00	14.80	14.89	14.91
HSDPA Subtest-2	14.50	14.32	14.38	14.40
HSDPA Subtest-3	14.00	13.86	13.93	13.92
HSDPA Subtest-4	14.00	13.82	13.94	13.91
HSUPA Subtest-1	15.00	14.80	14.90	14.87
HSUPA Subtest-2	13.00	12.85	12.94	12.92
HSUPA Subtest-3	14.00	13.81	13.96	13.91
HSUPA Subtest-4	13.00	12.86	12.96	12.90
HSUPA Subtest-5	15.00	14.82	14.90	14.90

P-sensor off

Band	UMTS Band V Average Conducted Power(dBm)			
Tx Channel	Max. Tune-up power (dBm)	4132	4183	4233
Rx Channel		4357	4408	4458
Frequency(MHz)		826.4MHz	836.6MHz	846.6MHz
RMC 12.2K	24.50	23.81	23.90	23.79
HSDPA Subtest-1	24.50	23.76	23.85	23.70
HSDPA Subtest-2	24.00	23.26	23.40	23.26
HSDPA Subtest-3	23.50	22.81	22.89	22.78
HSDPA Subtest-4	23.50	22.80	22.87	22.79
HSUPA Subtest-1	24.50	23.73	23.83	23.72
HSUPA Subtest-2	22.50	21.78	21.89	21.77
HSUPA Subtest-3	23.50	22.79	22.85	22.75
HSUPA Subtest-4	22.50	21.78	21.89	21.76
HSUPA Subtest-5	24.50	23.74	23.85	23.77

P-sensor on

Band	UMTS Band V Average Conducted Power(dBm)			
Tx Channel	Max. Tune-up power (dBm)	4132	4183	4233
Rx Channel		4357	4408	4458
Frequency(MHz)		826.4MHz	836.6MHz	846.6MHz
RMC 12.2K	20.50	20.29	20.44	20.37
HSDPA Subtest-1	20.50	20.26	20.39	20.34
HSDPA Subtest-2	20.00	19.72	19.89	19.84
HSDPA Subtest-3	19.50	19.28	19.42	19.34
HSDPA Subtest-4	19.50	19.25	19.40	19.34
HSUPA Subtest-1	20.50	20.22	20.41	20.30
HSUPA Subtest-2	18.50	18.29	18.40	18.35
HSUPA Subtest-3	19.50	19.29	19.43	19.35
HSUPA Subtest-4	18.50	18.27	18.42	18.37
HSUPA Subtest-5	20.50	20.25	20.42	20.30

9.2 CONDUCTED POWER MEASUREMENTS OF LTE Band

LTE Band 2/25

P-sensor off

LTE B2/25/BW=1.4M		Average Conducted Power(dBm)				LTE B2/25/BW=3M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			26047/ 1850.7	26340/ 1880	26683/ 1914.3				26055/ 1851.5	26340/ 1880	26675/ 1913.5
QPSK	1/0	24.00	23.08	23.22	22.99	QPSK	1/0	24.00	23.13	23.27	23.02
	1/2	24.00	23.02	23.21	22.96		1/7	24.00	23.11	23.24	22.94
	1/5	24.00	23.01	23.15	22.93		1/14	24.00	23.06	23.26	22.95
	3/0	23.00	22.06	22.14	21.92		8/0	23.00	22.03	22.20	21.94
	3/1	23.00	22.07	22.20	21.99		8/4	23.00	22.05	22.24	21.99
	3/2	23.00	22.07	22.18	21.98		8/7	23.00	22.12	22.20	21.94
	5/0	23.00	22.01	22.13	21.93		15/0	23.00	22.09	22.23	21.93
16QAM	1/0	22.00	21.10	21.19	21.02	16QAM	1/0	22.00	21.19	21.20	21.08
	1/2	22.00	21.03	21.17	21.00		1/7	22.00	21.10	21.11	21.04
	1/5	22.00	21.08	21.17	20.94		1/14	22.00	21.12	21.12	21.01
	3/0	21.00	20.08	20.15	20.01		8/0	21.00	20.12	20.17	20.06
	3/1	21.00	20.08	20.18	19.97		8/4	21.00	20.10	20.16	20.02
	3/2	21.00	20.07	20.18	19.92		8/7	21.00	20.14	20.12	20.06
	5/0	21.00	20.01	20.16	19.93		15/0	21.00	20.11	20.14	20.04
64QAM	1/0	21.00	20.16	20.21	20.39	64QAM	1/0	21.00	20.18	20.30	20.42
256QAM	1/0	20.00	19.26	19.19	19.25	256QAM	1/0	20.00	19.31	19.25	19.30
LTE B2/25/BW=5M		Average Conducted Power(dBm)				LTE B2/25/BW=10M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			26065/ 1852.5	26340/ 1880	26665/ 1912.5				26090/ 1855	26340/ 1880	26640/ 1910
QPSK	1/0	24.00	23.19	23.35	23.08	QPSK	1/0	24.00	23.28	23.37	23.10
	1/12	24.00	23.12	23.28	23.04		1/24	24.00	23.19	23.30	23.02
	1/24	24.00	23.18	23.32	23.02		1/49	24.00	23.25	23.30	23.06
	12/0	23.00	22.11	22.28	22.06		25/0	23.00	22.22	22.34	22.02
	12/6	23.00	22.17	22.34	22.01		25/12	23.00	22.20	22.32	22.06
	12/11	23.00	22.10	22.27	22.04		25/24	23.00	22.19	22.29	22.05
	25/0	23.00	22.11	22.27	22.05		50/0	23.00	22.25	22.31	22.04
16QAM	1/0	22.00	21.23	21.26	21.15	16QAM	1/0	22.00	21.30	23.37	23.10
	1/12	22.00	21.20	21.21	21.14		1/24	22.00	21.24	23.33	23.07
	1/24	22.00	21.21	21.22	21.08		1/49	22.00	21.27	23.36	23.02
	12/0	21.00	20.19	20.24	20.09		25/0	21.00	20.21	22.28	22.10
	12/6	21.00	20.18	20.25	20.11		25/12	21.00	20.23	22.30	22.06
	12/11	21.00	20.20	20.20	20.10		25/24	21.00	20.20	22.33	22.09
	25/0	21.00	20.21	20.17	20.13		50/0	21.00	20.25	22.31	22.03
64QAM	1/0	21.00	20.23	20.34	20.45	64QAM	1/0	21.00	20.29	20.39	20.52
256QAM	1/0	20.00	19.32	19.27	19.36	256QAM	1/0	20.00	19.36	19.30	19.44

LTE B2/25/BW=15M		Average Conducted Power(dBm)				LTE B2/25/BW=20M		Average Conducted Power(dBm)			
Modula -tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula -tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			26115/ 1857.5	26340/ 1880	26615/ 1907.5				26140/ 1860	26340/ 1880	26590/ 1905
QPSK	1/0	24.00	23.36	23.38	23.15	QPSK	1/0	24.00	23.45	23.47	23.42
	1/37	24.00	23.33	23.34	23.14		1/49	24.00	23.33	23.42	23.33
	1/74	24.00	23.27	23.31	23.08		1/99	24.00	23.18	23.30	23.26
	36/0	23.00	22.28	22.37	22.08		50/0	23.00	22.43	22.48	22.43
	36/18	23.00	22.33	22.37	22.07		50/24	23.00	22.42	22.46	22.39
	36/35	23.00	22.35	22.32	22.13		50/49	23.00	22.29	22.44	22.35
	75/0	23.00	22.35	22.35	22.12		100/0	23.00	22.48	22.39	22.43
16QAM	1/0	22.00	21.32	21.42	21.23	16QAM	1/0	22.00	21.39	21.43	21.50
	1/37	22.00	21.29	21.34	21.16		1/49	22.00	21.37	21.35	21.48
	1/74	22.00	21.24	21.34	21.19		1/99	22.00	21.31	21.39	21.43
	36/0	21.00	20.25	20.37	20.22		50/0	21.00	20.37	20.35	20.47
	36/18	21.00	20.22	20.37	20.14		50/24	21.00	20.30	20.42	20.50
	36/35	21.00	20.32	20.37	20.16		50/49	21.00	20.38	20.40	20.43
	75/0	21.00	20.23	20.38	20.16		100/0	21.00	20.30	20.41	20.48
64QAM	1/0	21.00	20.35	20.43	20.56	64QAM	1/0	21.00	20.44	20.45	20.60
256QAM	1/0	20.00	19.40	19.32	19.47	256QAM	1/0	20.00	19.42	19.41	19.52

P-sensor on

LTE B2/25/BW=1.4M		Average Conducted Power(dBm)				LTE B2/25/BW=3M		Average Conducted Power(dBm)			
Modula -tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula -tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			26047/ 1850.7	26340/ 1880	26683/ 1914.3				26055/ 1851.5	26340/ 1880	26675/ 1913.5
QPSK	1/0	16.50	16.14	16.15	16.21	QPSK	1/0	16.50	16.17	16.22	16.23
	1/2	16.50	16.21	16.21	16.12		1/7	16.50	16.29	16.29	16.18
	1/5	16.50	16.10	16.32	16.08		1/14	16.50	16.16	16.33	16.11
	3/0	15.50	15.06	15.10	15.18		8/0	15.50	15.12	15.17	15.21
	3/1	15.50	15.00	15.21	15.08		8/4	15.50	15.02	15.25	15.15
	3/2	15.50	15.05	15.23	15.18		8/7	15.50	15.12	15.24	15.21
	5/0	15.50	15.16	15.19	15.18		15/0	15.50	15.22	15.21	15.21
16QAM	1/0	15.50	15.14	15.18	15.04	16QAM	1/0	15.50	15.17	15.20	15.09
	1/2	15.50	15.07	15.09	15.20		1/7	15.50	15.15	15.16	15.23
	1/5	15.50	15.15	15.16	15.12		1/14	15.50	15.18	15.23	15.15
	3/0	14.50	14.19	14.36	14.22		8/0	14.50	14.25	14.37	14.28
	3/1	14.50	14.19	14.21	14.07		8/4	14.50	14.22	14.28	14.09
	3/2	14.50	14.16	14.15	14.16		8/7	14.50	14.17	14.23	14.19
	5/0	14.50	14.14	14.04	14.09		15/0	14.50	14.22	14.11	14.13
64QAM	1/0	14.50	14.17	14.16	14.20	64QAM	1/0	14.50	14.18	14.22	14.22
256QAM	1/0	12.50	12.16	12.13	12.09	256QAM	1/0	12.50	12.23	12.22	12.16
LTE B2/25/BW=5M		**Average Conducted Power(dBm)**				**LTE B2/25/BW=10M**		**Average Conducted Power(dBm)**			
Modula -tion	**RB Size/ Offset**	**Max. Tune-up (dBm)**	**Channel/Frequency(MHz)**			**Modula -tion**	**RB Size/ Offset**	**Max. Tune-up (dBm)**	**Channel/Frequency(MHz)**		
			26065/ 1852.5	**26340/ 1880**	**26665/ 1912.5**				**26090/ 1855**	**26340/ 1880**	**26640/ 1910**
QPSK	1/0	16.50	16.22	16.27	16.28	QPSK	1/0	16.50	16.29	16.33	16.33
	1/12	16.50	16.30	16.32	16.27		1/24	16.50	16.32	16.34	16.29
	1/24	16.50	16.22	16.38	16.17		1/49	16.50	16.26	16.40	16.25
	12/0	15.50	15.13	15.24	15.25		25/0	15.50	15.19	15.31	15.27
	12/6	15.50	15.10	15.29	15.17		25/12	15.50	15.15	15.35	15.26
	12/11	15.50	15.21	15.26	15.22		25/24	15.50	15.23	15.29	15.28
	25/0	15.50	15.31	15.26	15.27		50/0	15.50	15.33	15.29	15.30
16QAM	1/0	15.50	15.26	15.24	15.16	16QAM	1/0	15.50	15.32	15.30	15.23
	1/12	15.50	15.17	15.24	15.28		1/24	15.50	15.24	15.31	15.36
	1/24	15.50	15.25	15.31	15.22		1/49	15.50	15.30	15.34	15.30
	12/0	14.50	14.29	14.39	14.34		25/0	14.50	14.34	14.42	14.35
	12/6	14.50	14.24	14.34	14.17		25/12	14.50	14.32	14.36	14.24
	12/11	14.50	14.25	14.25	14.22		25/24	14.50	14.31	14.33	14.29
	25/0	14.50	14.28	14.19	14.18		50/0	14.50	14.32	14.27	14.25
64QAM	1/0	14.50	14.25	14.31	14.25	64QAM	1/0	14.50	14.33	14.37	14.31
256QAM	1/0	12.50	12.27	12.28	12.24	256QAM	1/0	12.50	12.30	12.31	12.26

LTE B2/25/BW=15M		Average Conducted Power(dBm)				LTE B2/25/BW=20M		Average Conducted Power(dBm)			
Modula -tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula -tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			26115/ 1857.5	26340/ 1880	26615/ 1907.5				26140/ 1860	26340/ 1880	26590/ 1905
QPSK	1/0	16.50	16.38	16.41	16.38	QPSK	1/0	16.50	16.44	16.47	16.45
	1/37	16.50	16.37	16.37	16.32		1/49	16.50	16.40	16.39	16.37
	1/74	16.50	16.31	16.42	16.33		1/99	16.50	16.40	16.45	16.37
	36/0	15.50	15.27	15.38	15.34		50/0	15.50	15.32	15.45	15.38
	36/18	15.50	15.24	15.37	15.28		50/24	15.50	15.25	15.43	15.29
	36/35	15.50	15.25	15.34	15.30		50/49	15.50	15.29	15.36	15.34
	75/0	15.50	15.35	15.37	15.35		100/0	15.50	15.38	15.44	15.44
16QAM	1/0	15.50	15.36	15.39	15.29	16QAM	1/0	15.50	15.43	15.44	15.36
	1/37	15.50	15.31	15.38	15.39		1/49	15.50	15.36	15.41	15.45
	1/74	15.50	15.33	15.40	15.31		1/99	15.50	15.35	15.45	15.38
	36/0	14.50	14.36	14.43	14.37		50/0	14.50	14.37	14.44	14.43
	36/18	14.50	14.38	14.37	14.33		50/24	14.50	14.39	14.41	14.37
	36/35	14.50	14.36	14.41	14.35		50/49	14.50	14.38	14.46	14.39
	75/0	14.50	14.34	14.33	14.33		100/0	14.50	14.42	14.38	14.35
64QAM	1/0	14.50	14.34	14.41	14.37	64QAM	1/0	14.50	14.37	14.44	14.42
256QAM	1/0	12.50	12.38	12.40	12.33	256QAM	1/0	12.50	12.40	12.44	12.37

LTE Band 4/66

P-sensor off

LTE B2/25/BW=1.4M		Average Conducted Power(dBm)				LTE B2/25/BW=3M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			131979/ 1710.7	132322/ 1745	132665/ 1779.3				131987/ 1711.5	132322/ 1745	132657/ 1778.5
QPSK	1/0	24.00	22.92	23.15	23.06	QPSK	1/0	24.00	22.95	23.20	23.12
	1/2	24.00	22.85	23.09	23.01		1/7	24.00	22.90	23.16	23.05
	1/5	24.00	22.88	23.07	23.01		1/14	24.00	22.89	23.19	23.03
	3/0	23.00	21.84	22.06	22.04		8/0	23.00	21.88	22.19	22.09
	3/1	23.00	21.88	22.11	21.99		8/4	23.00	21.88	22.11	22.10
	3/2	23.00	21.88	22.07	21.96		8/7	23.00	21.89	22.11	22.04
	5/0	23.00	21.91	22.07	21.97		15/0	23.00	21.91	22.11	22.08
16QAM	1/0	22.00	21.01	21.16	21.07	16QAM	1/0	22.00	21.02	21.20	21.09
	1/2	22.00	20.95	21.14	20.98		1/7	22.00	20.94	21.14	21.06
	1/5	22.00	20.97	21.09	21.03		1/14	22.00	20.96	21.15	21.00
	3/0	21.00	19.92	20.07	20.00		8/0	21.00	19.98	20.12	20.05
	3/1	21.00	20.01	20.15	20.06		8/4	21.00	19.93	20.10	20.01
	3/2	21.00	20.01	20.07	20.01		8/7	21.00	20.00	20.12	20.06
	5/0	21.00	19.91	20.06	20.01		15/0	21.00	19.96	20.18	20.00
64QAM	1/0	21.00	20.18	20.12	20.21	64QAM	1/0	21.00	20.20	20.18	20.25
256QAM	1/0	20.00	19.17	19.19	19.32	256QAM	1/0	20.00	19.22	19.28	19.36

LTE B2/25/BW=5M		Average Conducted Power(dBm)				LTE B2/25/BW=10M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			131997/ 1712.5	132322/ 1745	132647/ 1777.5				132022/ 1715	132322/ 1745	132622/ 1775
QPSK	1/0	24.00	23.01	23.27	23.16	QPSK	1/0	24.00	23.04	23.32	23.18
	1/12	24.00	22.97	23.21	23.10		1/24	24.00	22.97	23.26	23.15
	1/24	24.00	22.99	23.21	23.11		1/49	24.00	23.02	23.29	23.13
	12/0	23.00	21.95	22.26	22.15		25/0	23.00	21.98	22.22	22.15
	12/6	23.00	21.95	22.20	22.11		25/12	23.00	21.99	22.29	22.16
	12/11	23.00	22.01	22.26	22.10		25/24	23.00	21.95	22.22	22.12
	25/0	23.00	22.00	22.18	22.13		50/0	23.00	21.99	22.31	22.09
16QAM	1/0	22.00	21.06	21.26	21.11	16QAM	1/0	22.00	21.14	21.30	21.20
	1/12	22.00	21.01	21.19	21.08		1/24	22.00	21.09	21.22	21.13
	1/24	22.00	20.99	21.22	21.04		1/49	22.00	21.06	21.24	21.16
	12/0	21.00	20.04	20.17	20.02		25/0	21.00	20.13	20.24	20.19
	12/6	21.00	19.99	20.18	20.03		25/12	21.00	20.12	20.28	20.12
	12/11	21.00	20.00	20.24	20.08		25/24	21.00	20.12	20.23	20.10
	25/0	21.00	19.96	20.23	20.09		50/0	21.00	20.09	20.27	20.12
64QAM	1/0	21.00	20.25	20.26	20.32	64QAM	1/0	21.00	20.32	20.30	20.39
256QAM	1/0	20.00	19.29	19.33	19.38	256QAM	1/0	20.00	19.33	19.35	19.42

LTE B2/25/BW=15M		Average Conducted Power(dBm)				LTE B2/25/BW=20M		Average Conducted Power(dBm)			
Modula -tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula -tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			132047/ 1717.5	132322/ 1745	132597/ 1772.5				132072/ 1720	132322/ 1745	132572/ 1770
QPSK	1/0	24.00	23.11	23.41	23.21	QPSK	1/0	24.00	23.36	23.48	23.41
	1/37	24.00	23.08	23.39	23.14		1/49	24.00	23.17	23.41	23.25
	1/74	24.00	23.05	23.36	23.20		1/99	24.00	23.20	23.23	23.23
	36/0	23.00	22.06	22.34	22.13		50/0	23.00	22.48	22.49	22.46
	36/18	23.00	22.01	22.40	22.12		50/24	23.00	22.20	22.45	22.26
	36/35	23.00	22.04	22.32	22.12		50/49	23.00	22.28	22.37	22.30
	75/0	23.00	22.08	22.38	22.12		100/0	23.00	22.46	22.42	22.51
16QAM	1/0	22.00	21.18	21.34	21.25	16QAM	1/0	22.00	21.40	21.42	21.43
	1/37	22.00	21.13	21.32	21.20		1/49	22.00	21.33	21.41	21.40
	1/74	22.00	21.13	21.26	21.21		1/99	22.00	21.32	21.39	21.38
	36/0	21.00	20.08	20.31	20.17		50/0	21.00	20.35	20.41	20.39
	36/18	21.00	20.08	20.26	20.21		50/24	21.00	20.35	20.39	20.37
	36/35	21.00	20.16	20.26	20.20		50/49	21.00	20.40	20.38	20.37
	75/0	21.00	20.12	20.31	20.23		100/0	21.00	20.36	20.33	20.34
64QAM	1/0	21.00	20.36	20.35	20.44	64QAM	1/0	21.00	20.42	20.41	20.53
256QAM	1/0	20.00	19.35	19.38	19.43	256QAM	1/0	20.00	19.42	19.43	19.46

P-sensor on

LTE B2/25/BW=1.4M		Average Conducted Power(dBm)				LTE B2/25/BW=3M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			131979/ 1710.7	132322/ 1745	132665/ 1779.3				131987/ 1711.5	132322/ 1745	132657/ 1778.5
QPSK	1/0	15.00	14.60	14.45	14.23	QPSK	1/0	15.00	14.64	14.51	14.31
	1/2	15.00	14.43	14.44	14.31		1/7	15.00	14.52	14.50	14.35
	1/5	15.00	14.37	14.44	14.24		1/14	15.00	14.45	14.50	14.32
	3/0	14.00	13.49	13.65	13.47		8/0	14.00	13.51	13.71	13.53
	3/1	14.00	13.37	13.62	13.57		8/4	14.00	13.45	13.70	13.64
	3/2	14.00	13.35	13.67	13.52		8/7	14.00	13.43	13.71	13.53
	5/0	14.00	13.34	13.71	13.24		15/0	14.00	13.40	13.73	13.32
16QAM	1/0	14.00	13.47	13.45	13.22	16QAM	1/0	14.00	13.55	13.52	13.26
	1/2	14.00	13.59	13.52	13.40		1/7	14.00	13.61	13.60	13.41
	1/5	14.00	13.52	13.49	13.31		1/14	14.00	13.57	13.52	13.39
	3/0	13.00	12.42	12.48	12.34		8/0	13.00	12.46	12.53	12.38
	3/1	13.00	12.56	12.51	12.29		8/4	13.00	12.59	12.57	12.35
	3/2	13.00	12.50	12.34	12.34		8/7	13.00	12.54	12.43	12.36
	5/0	13.00	12.47	12.33	12.29		15/0	13.00	12.54	12.39	12.37
64QAM	1/0	13.00	12.29	12.43	12.31	64QAM	1/0	13.00	12.35	12.51	12.39
256QAM	1/0	11.00	10.35	10.49	10.43	256QAM	1/0	11.00	10.39	10.53	10.50
LTE B2/25/BW=5M		**Average Conducted Power(dBm)**				**LTE B2/25/BW=10M**		**Average Conducted Power(dBm)**			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			131997/ 1712.5	132322/ 1745	132647/ 1777.5				132022/ 1715	132322/ 1745	132622/ 1775
QPSK	1/0	15.00	14.65	14.53	14.40	QPSK	1/0	15.00	14.71	14.61	14.49
	1/12	15.00	14.58	14.57	14.41		1/24	15.00	14.59	14.62	14.47
	1/24	15.00	14.53	14.54	14.35		1/49	15.00	14.56	14.60	14.44
	12/0	14.00	13.55	13.75	13.56		25/0	14.00	13.63	13.82	13.63
	12/6	14.00	13.48	13.72	13.66		25/12	14.00	13.53	13.79	13.71
	12/11	14.00	13.47	13.78	13.60		25/24	14.00	13.55	13.80	13.64
	25/0	14.00	13.46	13.80	13.37		50/0	14.00	13.55	13.83	13.39
16QAM	1/0	14.00	13.59	13.54	13.34	16QAM	1/0	14.00	13.62	13.62	13.42
	1/12	14.00	13.65	13.62	13.45		1/24	14.00	13.67	13.67	13.49
	1/24	14.00	13.60	13.60	13.41		1/49	14.00	13.65	13.64	13.46
	12/0	13.00	12.53	12.56	12.43		25/0	13.00	12.57	12.58	12.46
	12/6	13.00	12.65	12.60	12.38		25/12	13.00	12.67	12.64	12.45
	12/11	13.00	12.57	12.49	12.37		25/24	13.00	12.58	12.57	12.43
	25/0	13.00	12.59	12.47	12.41		50/0	13.00	12.62	12.54	12.48
64QAM	1/0	13.00	12.42	12.56	12.43	64QAM	1/0	13.00	12.50	12.64	12.49
256QAM	1/0	11.00	10.42	10.55	10.52	256QAM	1/0	11.00	10.51	10.63	10.59

LTE B2/25/BW=15M		Average Conducted Power(dBm)				LTE B2/25/BW=20M		Average Conducted Power(dBm)			
Modula -tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula -tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			132047/ 1717.5	132322/ 1745	132597/ 1772.5				132072/ 1720	132322/ 1745	132572/ 1770
QPSK	1/0	15.00	14.72	14.67	14.55	QPSK	1/0	15.00	14.74	14.76	14.63
	1/37	15.00	14.60	14.69	14.49		1/49	15.00	14.67	14.72	14.54
	1/74	15.00	14.65	14.64	14.53		1/99	15.00	14.72	14.70	14.59
	36/0	14.00	13.67	13.90	13.71		50/0	14.00	13.75	13.92	13.79
	36/18	14.00	13.61	13.82	13.73		50/24	14.00	13.70	13.87	13.77
	36/35	14.00	13.62	13.84	13.67		50/49	14.00	13.69	13.88	13.76
	75/0	14.00	13.63	13.89	13.45		100/0	14.00	13.66	13.90	13.54
16QAM	1/0	14.00	13.67	13.66	13.49	16QAM	1/0	14.00	13.69	13.68	13.56
	1/37	14.00	13.70	13.71	13.53		1/49	14.00	13.71	13.74	13.58
	1/74	14.00	13.67	13.71	13.55		1/99	14.00	13.71	13.76	13.61
	36/0	13.00	12.64	12.65	12.54		50/0	13.00	12.66	12.73	12.61
	36/18	13.00	12.68	12.67	12.49		50/24	13.00	12.72	12.75	12.55
	36/35	13.00	12.66	12.60	12.50		50/49	13.00	12.69	12.67	12.57
	75/0	13.00	12.65	12.62	12.54		100/0	13.00	12.66	12.69	12.61
64QAM	1/0	13.00	12.56	12.72	12.57	64QAM	1/0	13.00	12.64	12.74	12.62
256QAM	1/0	11.00	10.59	10.72	10.61	256QAM	1/0	11.00	10.67	10.73	10.62

LTE Band 5/26

P-sensor off

LTE B5/26/BW=1.4M		Average Conducted Power(dBm)				LTE B5/26/BW=3M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			26722/ 817.2	26915/ 836.5	27033/ 848.3				26730/ 818	26915/ 836.5	27025/ 847.5
QPSK	1/0	24.00	23.07	23.12	22.96	QPSK	1/0	24.00	23.08	23.14	23.04
	1/2	24.00	23.26	23.09	22.95		1/7	24.00	23.25	23.11	23.02
	1/5	24.00	23.22	23.05	22.89		1/14	24.00	23.24	23.06	22.98
	3/0	23.00	22.20	22.03	21.87		8/0	23.00	22.26	22.05	21.94
	3/1	23.00	22.27	22.02	21.86		8/4	23.00	22.24	22.10	21.95
	3/2	23.00	22.22	22.10	21.86		8/7	23.00	22.20	22.11	22.00
	5/0	23.00	22.21	22.05	21.86		15/0	23.00	22.22	22.07	21.98
16QAM	1/0	22.00	21.25	21.34	21.01	16QAM	1/0	22.00	21.28	21.38	21.06
	1/2	22.00	21.40	21.27	20.99		1/7	22.00	21.40	21.37	21.01
	1/5	22.00	21.41	21.32	20.96		1/14	22.00	21.44	21.33	21.01
	3/0	21.00	20.44	20.33	19.98		8/0	21.00	20.44	20.30	19.97
	3/1	21.00	20.42	20.27	19.97		8/4	21.00	20.46	20.29	20.05
	3/2	21.00	20.42	20.26	20.00		8/7	21.00	20.39	20.36	20.04
	5/0	21.00	20.42	20.31	19.96		15/0	21.00	20.38	20.28	20.06
64QAM	1/0	21.00	20.24	20.39	20.19	64QAM	1/0	21.00	20.32	20.43	20.25
256QAM	1/0	20.00	19.18	19.23	19.17	256QAM	1/0	20.00	19.21	19.29	19.21
LTE B/26/BW=5M		**Average Conducted Power(dBm)**				**LTE B5/26/BW=10M**		**Average Conducted Power(dBm)**			
Modula-tion	**RB Size/ Offset**	**Max. Tune-up (dBm)**	**Channel/Frequency(MHz)**			**Modula-tion**	**RB Size/ Offset**	**Max. Tune-up (dBm)**	**Channel/Frequency(MHz)**		
			26740/ 819	**26915/ 836.5**	**27015/ 846.5**				**26765/ 821.5**	**26915/ 836.5**	**26990/ 844**
QPSK	1/0	24.00	23.21	23.23	23.09	QPSK	1/0	24.00	23.22	23.28	23.15
	1/12	24.00	23.22	23.20	23.03		1/24	24.00	23.21	23.23	23.14
	1/24	24.00	23.24	23.18	23.08		1/49	24.00	23.26	23.26	23.13
	12/0	23.00	22.18	22.15	22.07		25/0	23.00	22.20	22.25	22.11
	12/6	23.00	22.25	22.14	22.08		25/12	23.00	22.21	22.21	22.11
	12/11	23.00	22.23	22.18	21.99		25/24	23.00	22.24	22.22	22.09
	25/0	23.00	22.24	22.22	22.02		50/0	23.00	22.26	22.27	22.09
16QAM	1/0	22.00	21.30	21.41	21.11	16QAM	1/0	22.00	21.35	21.47	21.19
	1/12	22.00	21.46	21.36	21.06		1/24	22.00	21.40	21.42	21.16
	1/24	22.00	21.41	21.38	21.06		1/49	22.00	21.46	21.43	21.18
	12/0	21.00	20.46	20.36	20.09		25/0	21.00	20.47	20.45	20.12
	12/6	21.00	20.39	20.40	20.04		25/12	21.00	20.40	20.46	20.18
	12/11	21.00	20.38	20.37	20.05		25/24	21.00	20.41	20.42	20.15
	25/0	21.00	20.44	20.37	20.11		50/0	21.00	20.38	20.40	20.14
64QAM	1/0	21.00	20.36	20.45	20.31	64QAM	1/0	21.00	20.40	20.47	20.34
256QAM	1/0	20.00	19.24	19.36	19.28	256QAM	1/0	20.00	19.32	19.45	19.30

LTE B5/26/BW=15M		Average Conducted Power(dBm)			
Modula -tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			26790/ 824	26915/ 836.5	26965/ 841.5
QPSK	1/0	24.00	23.26	23.36	23.25
	1/37	24.00	23.25	23.18	23.22
	1/74	24.00	23.15	23.33	23.14
	36/0	23.00	22.46	22.45	22.35
	36/18	23.00	22.25	22.26	22.31
	36/35	23.00	22.31	22.38	22.20
	75/0	23.00	22.41	22.49	22.40
16QAM	1/0	22.00	21.36	21.51	21.31
	1/37	22.00	20.29	21.50	21.28
	1/74	22.00	20.31	21.45	21.29
	36/0	21.00	19.28	20.45	20.24
	36/18	21.00	19.36	20.48	20.22
	36/35	21.00	19.27	20.51	20.25
	75/0	21.00	19.27	20.41	20.24
64QAM	1/0	21.00	20.48	20.50	20.37
256QAM	1/0	20.00	19.38	19.49	19.36

P-sensor on

LTE B5/26/BW=1.4M		Average Conducted Power(dBm)				LTE B5/26/BW=3M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			26722/ 817.2	26915/ 836.5	27033/ 848.3				26730/ 818	26915/ 836.5	27025/ 847.5
QPSK	1/0	20.00	19.55	19.60	19.67	QPSK	1/0	20.00	19.63	19.66	19.72
	1/2	20.00	19.50	19.58	19.56		1/7	20.00	19.57	19.67	19.58
	1/5	20.00	19.56	19.62	19.59		1/14	20.00	19.63	19.66	19.62
	3/0	19.00	18.58	18.67	18.68		8/0	19.00	18.63	18.70	18.74
	3/1	19.00	18.56	18.46	18.56		8/4	19.00	18.63	18.54	18.62
	3/2	19.00	18.57	18.56	18.45		8/7	19.00	18.59	18.60	18.50
	5/0	19.00	18.62	18.60	18.54		15/0	19.00	18.65	18.65	18.58
16QAM	1/0	19.00	18.49	18.46	18.51	16QAM	1/0	19.00	18.52	18.49	18.58
	1/2	19.00	18.55	18.65	18.57		1/7	19.00	18.61	18.71	18.63
	1/5	19.00	18.55	18.53	18.67		1/14	19.00	18.58	18.58	18.68
	3/0	18.00	17.49	17.52	17.59		8/0	18.00	17.58	17.54	17.66
	3/1	18.00	17.48	17.57	17.54		8/4	18.00	17.51	17.60	17.62
	3/2	18.00	17.60	17.63	17.57		8/7	18.00	17.63	17.68	17.66
	5/0	18.00	17.58	17.68	17.59		15/0	18.00	17.64	17.69	17.64
64QAM	1/0	18.00	17.49	17.62	17.50	64QAM	1/0	18.00	17.56	17.65	17.57
256QAM	1/0	16.00	15.57	15.57	15.55	256QAM	1/0	16.00	15.60	15.63	15.57
LTE B/26/BW=5M		**Average Conducted Power(dBm)**				**LTE B5/26/BW=10M**		**Average Conducted Power(dBm)**			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			26740/ 819	26915/ 836.5	27015/ 846.5				26765/ 821.5	26915/ 836.5	26990/ 844
QPSK	1/0	20.00	19.64	19.72	19.74	QPSK	1/0	20.00	19.72	19.78	19.76
	1/12	20.00	19.60	19.70	19.67		1/24	20.00	19.64	19.77	19.73
	1/24	20.00	19.65	19.71	19.66		1/49	20.00	19.73	19.73	19.74
	12/0	19.00	18.69	18.78	18.76		25/0	19.00	18.73	18.84	18.80
	12/6	19.00	18.67	18.61	18.66		25/12	19.00	18.69	18.66	18.70
	12/11	19.00	18.62	18.68	18.54		25/24	19.00	18.66	18.70	18.63
	25/0	19.00	18.70	18.71	18.59		50/0	19.00	18.71	18.73	18.65
16QAM	1/0	19.00	18.59	18.58	18.62	16QAM	1/0	19.00	18.64	18.65	18.70
	1/12	19.00	18.62	18.72	18.65		1/24	19.00	18.69	18.73	18.70
	1/24	19.00	18.66	18.66	18.69		1/49	19.00	18.68	18.69	18.73
	12/0	18.00	17.64	17.59	17.68		25/0	18.00	17.66	17.66	17.74
	12/6	18.00	17.59	17.63	17.69		25/12	18.00	17.65	17.69	17.75
	12/11	18.00	17.67	17.72	17.68		25/24	18.00	17.69	17.74	17.72
	25/0	18.00	17.69	17.72	17.71		50/0	18.00	17.74	17.73	17.76
64QAM	1/0	18.00	17.60	17.68	17.59	64QAM	1/0	18.00	17.66	17.70	17.67
256QAM	1/0	16.00	15.64	15.71	15.62	256QAM	1/0	16.00	15.67	15.75	15.69

LTE B5/26/BW=15M		Average Conducted Power(dBm)			
Modula -tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			26790/ 824	26915/ 836.5	26965/ 841.5
QPSK	1/0	20.00	19.78	19.83	19.81
	1/37	20.00	19.70	19.81	19.74
	1/74	20.00	19.74	19.81	19.78
	36/0	19.00	18.76	18.90	18.83
	36/18	19.00	18.77	18.73	18.72
	36/35	19.00	18.70	18.77	18.72
	75/0	19.00	18.76	18.75	18.73
16QAM	1/0	19.00	18.70	18.73	18.77
	1/37	19.00	18.77	18.81	18.78
	1/74	19.00	18.71	18.76	18.79
	36/0	18.00	17.73	17.74	17.75
	36/18	18.00	17.73	17.76	17.81
	36/35	18.00	17.75	17.77	17.76
	75/0	18.00	17.75	17.74	17.81
64QAM	1/0	18.00	17.72	17.76	17.75
256QAM	1/0	16.00	15.76	15.79	15.76

LTE Band 7

P-sensor off

LTE B7/BW=5M		Average Conducted Power(dBm)				LTE B7/BW=10M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			20775/ 2502.5	21100/ 2535	21425/ 2567.5				20800/ 2505	21100/ 2535	21400/ 2565
QPSK	1/0	24.00	23.53	23.57	23.39	QPSK	1/0	24.00	23.56	23.65	23.46
	1/12	24.00	23.47	23.53	23.37		1/24	24.00	23.54	23.64	23.40
	1/24	24.00	23.47	23.53	23.34		1/49	24.00	23.50	23.59	23.38
	12/0	23.00	22.52	22.57	22.31		25/0	23.00	22.50	22.58	22.39
	12/6	23.00	22.45	22.53	22.32		25/12	23.00	22.53	22.62	22.37
	12/11	23.00	22.46	22.56	22.38		25/24	23.00	22.52	22.61	22.39
	25/0	23.00	22.49	22.56	22.36		50/0	23.00	22.53	22.59	22.42
16QAM	1/0	22.00	21.68	21.70	21.52	16QAM	1/0	22.00	21.73	21.73	21.59
	1/12	22.00	21.65	21.67	21.43		1/24	22.00	21.68	21.68	21.55
	1/24	22.00	21.62	21.66	21.44		1/49	22.00	21.66	21.68	21.54
	12/0	21.00	20.64	20.68	20.50		25/0	21.00	20.65	20.72	20.53
	12/6	21.00	20.65	20.67	20.50		25/12	21.00	20.66	20.67	20.57
	12/11	21.00	20.65	20.61	20.50		25/24	21.00	20.72	20.72	20.57
	25/0	21.00	20.67	20.66	20.48		50/0	21.00	20.70	20.67	20.56
64QAM	1/0	21.00	20.66	20.68	20.72	64QAM	1/0	21.00	20.71	20.69	20.81
256QAM	1/0	20.00	19.61	19.51	19.83	256QAM	1/0	20.00	19.63	19.57	19.87
LTE B7/BW=15M		**Average Conducted Power(dBm)**				**LTE B7/BW=20M**		**Average Conducted Power(dBm)**			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			20825/ 2507.5	21100/ 2535	21375/ 2562.5				20850/ 2510	21100/ 2535	21350/ 2560
QPSK	1/0	24.00	23.61	23.72	23.50	QPSK	1/0	24.00	23.71	23.78	23.75
	1/37	24.00	23.53	23.68	23.47		1/49	24.00	23.65	23.67	23.69
	1/74	24.00	23.53	23.63	23.43		1/99	24.00	23.63	23.69	23.70
	36/0	23.00	22.53	22.63	22.41		50/0	23.00	22.74	22.79	22.77
	36/18	23.00	22.55	22.62	22.45		50/24	23.00	22.45	22.73	22.61
	36/35	23.00	22.53	22.62	22.46		50/49	23.00	22.49	22.76	22.65
	75/0	23.00	22.55	22.71	22.42		100/0	23.00	22.84	22.77	22.86
16QAM	1/0	22.00	21.76	21.77	21.66	16QAM	1/0	22.00	21.84	21.79	21.85
	1/37	22.00	21.72	21.74	21.65		1/49	22.00	21.80	21.73	21.80
	1/74	22.00	21.69	21.73	21.59		1/99	22.00	21.78	21.78	21.76
	36/0	21.00	20.69	20.70	20.62		50/0	21.00	20.81	20.69	20.76
	36/18	21.00	20.74	20.68	20.62		50/24	21.00	20.76	20.78	20.81
	36/35	21.00	20.70	20.74	20.65		50/49	21.00	20.77	20.75	20.83
	75/0	21.00	20.69	20.71	20.66		100/0	21.00	20.84	20.75	20.83
64QAM	1/0	21.00	20.74	20.75	20.89	64QAM	1/0	21.00	20.79	20.76	20.94
256QAM	1/0	20.00	19.70	19.63	19.88	256QAM	1/0	20.00	19.78	19.69	19.93

P-sensor on

LTE B7/BW=5M		Average Conducted Power(dBm)				LTE B7/BW=10M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			20775/ 2502.5	21100/ 2535	21425/ 2567.5				20800/ 2505	21100/ 2535	21400/ 2565
QPSK	1/0	11.50	11.08	11.25	11.19	QPSK	1/0	11.50	11.14	11.29	11.21
	1/12	11.50	11.03	11.13	11.12		1/24	11.50	11.06	11.17	11.19
	1/24	11.50	10.97	11.16	11.13		1/49	11.50	11.03	11.24	11.22
	12/0	10.50	10.08	10.28	10.25		25/0	10.50	10.14	10.35	10.26
	12/6	10.50	10.04	10.32	10.20		25/12	10.50	10.06	10.38	10.26
	12/11	10.50	10.12	10.35	10.18		25/24	10.50	10.15	10.37	10.27
	25/0	10.50	10.08	10.28	10.17		50/0	10.50	10.11	10.36	10.24
16QAM	1/0	10.50	10.04	10.17	10.15	16QAM	1/0	10.50	10.07	10.21	10.22
	1/12	10.50	10.01	10.23	10.13		1/24	10.50	10.03	10.26	10.15
	1/24	10.50	9.94	10.25	10.20		1/49	10.50	9.99	10.29	10.24
	12/0	9.50	9.08	9.21	9.16		25/0	9.50	9.12	9.25	9.23
	12/6	9.50	9.07	9.26	9.09		25/12	9.50	9.11	9.30	9.14
	12/11	9.50	8.99	9.06	9.17		25/24	9.50	9.02	9.14	9.19
	25/0	9.50	8.98	9.19	9.12		50/0	9.50	9.01	9.21	9.21
64QAM	1/0	9.50	9.02	9.08	9.23	64QAM	1/0	9.50	9.03	9.16	9.25
256QAM	1/0	7.50	6.97	7.18	7.22	256QAM	1/0	7.50	7.03	7.25	7.23
LTE B7/BW=15M		**Average Conducted Power(dBm)**				**LTE B7/BW=20M**		**Average Conducted Power(dBm)**			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			20825/ 2507.5	21100/ 2535	21375/ 2562.5				20850/ 2510	21100/ 2535	21350/ 2560
QPSK	1/0	11.50	11.17	11.34	11.28	QPSK	1/0	11.50	11.20	11.39	11.36
	1/37	11.50	11.09	11.24	11.22		1/49	11.50	11.12	11.31	11.27
	1/74	11.50	11.06	11.31	11.25		1/99	11.50	11.11	11.35	11.31
	36/0	10.50	10.22	10.43	10.34		50/0	10.50	10.29	10.48	10.41
	36/18	10.50	10.11	10.44	10.33		50/24	10.50	10.20	10.46	10.35
	36/35	10.50	10.17	10.41	10.29		50/49	10.50	10.21	10.46	10.33
	75/0	10.50	10.16	10.44	10.28		100/0	10.50	10.18	10.47	10.32
16QAM	1/0	10.50	10.12	10.23	10.29	16QAM	1/0	10.50	10.18	10.32	10.32
	1/37	10.50	10.06	10.28	10.21		1/49	10.50	10.11	10.35	10.27
	1/74	10.50	10.07	10.34	10.26		1/99	10.50	10.12	10.36	10.33
	36/0	9.50	9.15	9.28	9.25		50/0	9.50	9.18	9.33	9.33
	36/18	9.50	9.18	9.34	9.21		50/24	9.50	9.20	9.38	9.26
	36/35	9.50	9.09	9.23	9.25		50/49	9.50	9.17	9.32	9.32
	75/0	9.50	9.10	9.28	9.28		100/0	9.50	9.17	9.35	9.36
64QAM	1/0	9.50	9.08	9.24	9.28	64QAM	1/0	9.50	9.13	9.32	9.35
256QAM	1/0	7.50	7.06	7.34	7.28	256QAM	1/0	7.50	7.10	7.36	7.35

LTE Band 12

P-sensor off

LTE B12/BW=1.4M		Average Conducted Power(dBm)				LTE B12/BW=3M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			23017/ 699.7	23095/ 707.5	23173/ 715.3				23025/ 700.5	23095/ 707.5	23165/ 714.5
QPSK	1/0	24.00	23.19	23.26	23.11	QPSK	1/0	24.00	23.21	23.30	23.14
	1/2	24.00	23.16	23.20	23.04		1/7	24.00	23.20	23.26	23.11
	1/5	24.00	23.16	23.25	23.04		1/14	24.00	23.15	23.23	23.05
	3/0	23.00	22.15	22.20	22.04		8/0	23.00	22.17	22.27	22.13
	3/1	23.00	22.18	22.18	22.10		8/4	23.00	22.19	22.20	22.08
	3/2	23.00	22.14	22.16	22.05		8/7	23.00	22.18	22.24	22.10
	5/0	23.00	22.17	22.22	22.06		15/0	23.00	22.13	22.22	22.13
16QAM	1/0	22.00	21.36	21.34	21.38	16QAM	1/0	22.00	21.38	21.42	21.42
	1/2	22.00	21.33	21.31	21.32		1/7	22.00	21.36	21.40	21.37
	1/5	22.00	21.33	21.27	21.34		1/14	22.00	21.30	21.38	21.34
	3/0	21.00	20.29	20.27	20.37		8/0	21.00	20.37	20.42	20.41
	3/1	21.00	20.30	20.26	20.29		8/4	21.00	20.29	20.38	20.32
	3/2	21.00	20.35	20.29	20.36		8/7	21.00	20.37	20.38	20.34
	5/0	21.00	20.32	20.29	20.33		15/0	21.00	20.38	20.39	20.39
64QAM	1/0	21.00	20.24	20.25	20.17	64QAM	1/0	21.00	20.32	20.33	20.22
256QAM	1/0	20.00	19.28	19.17	19.21	256QAM	1/0	20.00	19.29	19.26	19.25

LTE B5/BW=5M		Average Conducted Power(dBm)				LTE B12/BW=10M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			23035/ 701.5	23095/ 707.5	23155/ 713.5				23060/ 704	23095/ 707.5	23130/ 711
QPSK	1/0	24.00	23.26	23.37	23.20	QPSK	1/0	24.00	23.32	23.40	23.24
	1/12	24.00	23.18	23.32	23.18		1/24	24.00	23.29	23.37	23.19
	1/24	24.00	23.23	23.29	23.14		1/49	24.00	23.15	23.35	23.22
	12/0	23.00	22.18	22.31	22.13		25/0	23.00	22.39	22.48	22.43
	12/6	23.00	22.26	22.31	22.14		25/12	23.00	22.15	22.30	22.33
	12/11	23.00	22.23	22.32	22.15		25/24	23.00	22.23	22.31	22.32
	25/0	23.00	22.17	22.31	22.14		50/0	23.00	22.47	22.41	22.44
16QAM	1/0	22.00	21.44	21.44	21.44	16QAM	1/0	22.00	21.45	21.49	21.48
	1/12	22.00	21.36	21.40	21.36		1/24	22.00	21.44	21.43	21.47
	1/24	22.00	21.40	21.39	21.40		1/49	22.00	21.38	21.40	21.40
	12/0	21.00	20.40	20.39	20.40		25/0	21.00	20.40	20.44	20.40
	12/6	21.00	20.36	20.34	20.40		25/12	21.00	20.43	20.43	20.42
	12/11	21.00	20.37	20.42	20.34		25/24	21.00	20.36	20.49	20.43
	25/0	21.00	20.42	20.37	20.41		50/0	21.00	20.36	20.41	20.38
64QAM	1/0	21.00	20.35	20.37	20.27	64QAM	1/0	21.00	20.39	20.46	20.31
256QAM	1/0	20.00	19.31	19.34	19.33	256QAM	1/0	20.00	19.37	19.38	19.38

P-sensor on

LTE B12/BW=1.4M		Average Conducted Power(dBm)				LTE B12/BW=3M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			23017/ 699.7	23095/ 707.5	23173/ 715.3				23025/ 700.5	23095/ 707.5	23165/ 714.5
QPSK	1/0	22.00	21.78	21.89	21.70	QPSK	1/0	22.00	21.85	21.90	21.74
	1/2	22.00	21.72	21.78	21.68		1/7	22.00	21.81	21.86	21.70
	1/5	22.00	21.80	21.80	21.65		1/14	22.00	21.83	21.83	21.72
	3/0	21.00	20.81	20.85	20.73		8/0	21.00	20.87	20.88	20.76
	3/1	21.00	20.77	20.79	20.65		8/4	21.00	20.84	20.87	20.69
	3/2	21.00	20.77	20.72	20.77		8/7	21.00	20.81	20.78	20.79
	5/0	21.00	20.80	20.82	20.68		15/0	21.00	20.82	20.85	20.71
16QAM	1/0	21.00	20.77	20.75	20.69	16QAM	1/0	21.00	20.83	20.83	20.70
	1/2	21.00	20.66	20.86	20.60		1/7	21.00	20.68	20.93	20.63
	1/5	21.00	20.72	20.73	20.65		1/14	21.00	20.77	20.79	20.66
	3/0	20.00	19.64	19.79	19.56		8/0	20.00	19.73	19.86	19.61
	3/1	20.00	19.75	19.77	19.67		8/4	20.00	19.77	19.86	19.73
	3/2	20.00	19.71	19.82	19.71		8/7	20.00	19.79	19.84	19.73
	5/0	20.00	19.67	19.78	19.56		15/0	20.00	19.70	19.79	19.62
64QAM	1/0	20.00	19.74	19.68	19.62	64QAM	1/0	20.00	19.76	19.76	19.68
256QAM	1/0	18.00	17.72	17.75	17.70	256QAM	1/0	18.00	17.79	17.80	17.72
LTE B5/BW=5M		**Average Conducted Power(dBm)**				**LTE B12/BW=10M**		**Average Conducted Power(dBm)**			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			23035/ 701.5	23095/ 707.5	23155/ 713.5				23060/ 704	23095/ 707.5	23130/ 711
QPSK	1/0	22.00	21.89	21.96	21.76	QPSK	1/0	22.00	21.92	21.99	21.82
	1/12	22.00	21.83	21.87	21.78		1/24	22.00	21.87	21.95	21.79
	1/24	22.00	21.86	21.88	21.76		1/49	22.00	21.91	21.90	21.80
	12/0	21.00	20.92	20.90	20.85		25/0	21.00	20.97	20.98	20.89
	12/6	21.00	20.86	20.90	20.76		25/12	21.00	20.91	20.96	20.81
	12/11	21.00	20.90	20.84	20.82		25/24	21.00	20.95	20.89	20.85
	25/0	21.00	20.83	20.89	20.76		50/0	21.00	20.88	20.95	20.78
16QAM	1/0	21.00	20.85	20.85	20.75	16QAM	1/0	21.00	20.90	20.89	20.81
	1/0	21.00	20.76	20.94	20.70		1/24	21.00	20.85	20.99	20.76
	0	21.00	20.80	20.83	20.67		1/49	21.00	20.84	20.92	20.74
	0	20.00	19.80	19.94	19.70		25/0	20.00	19.85	19.96	19.73
	0	20.00	19.83	19.90	19.78		25/12	20.00	19.89	19.96	19.81
	0	20.00	19.81	19.86	19.75		25/24	20.00	19.87	19.92	19.78
	RB Size/ Offset	20.00	19.77	19.87	19.68		50/0	20.00	19.83	19.94	19.77
64QAM	0	20.00	19.79	19.82	19.75	64QAM	1/0	20.00	19.82	19.90	19.78
256QAM	1/0	18.00	17.82	17.84	17.74	256QAM	1/0	18.00	17.87	17.92	17.77

LTE Band 13

P-sensor off

LTE B13/BW=5M		Average Conducted Power(dBm)				LTE B13/BW=10M		Average Conducted Power(dBm)			
Modula -tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula -tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			23205/ 779.5	23230/ 782	23255/ 784.5					23230/ 782	
QPSK	1/0	24.00	23.26	23.18	23.21	QPSK	1/0	24.00		23.27	
	1/12	24.00	23.25	23.12	23.20		1/24	24.00		23.25	
	1/24	24.00	23.24	23.10	23.15		1/49	24.00		23.20	
	12/0	23.00	22.25	22.12	22.13		25/0	23.00		22.41	
	12/6	23.00	22.22	22.17	22.18		25/12	23.00		22.30	
	12/11	23.00	22.23	22.14	22.20		25/24	23.00		22.31	
	25/0	23.00	22.16	22.17	22.17		50/0	23.00		22.33	
16QAM	1/0	22.00	21.34	21.32	21.31	16QAM	1/0	22.00		21.39	
	1/12	22.00	21.28	21.28	21.27		1/24	22.00		21.31	
	1/24	22.00	21.25	21.24	21.25		1/49	22.00		21.37	
	12/0	21.00	20.27	20.26	20.24		25/0	21.00		20.36	
	12/6	21.00	20.29	20.25	20.29		25/12	21.00		20.29	
	12/11	21.00	20.34	20.28	20.22		25/24	21.00		20.37	
	25/0	21.00	20.28	20.30	20.24		50/0	21.00		20.35	
64QAM	1/0	21.00	20.40	20.39	20.36	64QAM	1/0	21.00		20.43	
256QAM	1/0	20.00	19.42	19.42	19.46	256QAM	1/0	20.00		19.47	

P-sensor on

LTE B13/BW=5M		Average Conducted Power(dBm)				LTE B13/BW=10M		Average Conducted Power(dBm)			
Modula -tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula -tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			23205/ 779.5	23230/ 782	23255/ 784.5					23230/ 782	
QPSK	1/0	22.00	21.96	21.95	21.95	QPSK	1/0	22.00		21.98	
	1/12	22.00	21.88	21.83	21.87		1/24	22.00		21.91	
	1/24	22.00	21.87	21.90	21.85		1/49	22.00		21.93	
	12/0	21.00	20.90	20.87	20.89		25/0	21.00		20.94	
	12/6	21.00	20.84	20.86	20.83		25/12	21.00		20.88	
	12/11	21.00	20.87	20.79	20.80		25/24	21.00		20.88	
	25/0	21.00	20.93	20.98	20.98		50/0	21.00		20.99	
16QAM	1/0	21.00	20.87	20.80	20.83	16QAM	1/0	21.00		20.89	
	1/12	21.00	20.90	20.92	20.91		1/24	21.00		20.98	
	1/24	21.00	20.96	20.92	20.90		1/49	21.00		20.98	
	12/0	20.00	19.86	19.79	19.83		25/0	20.00		19.88	
	12/6	20.00	19.87	19.87	19.93		25/12	20.00		19.95	
	12/11	20.00	19.84	19.85	19.90		25/24	20.00		19.92	
	25/0	20.00	19.94	19.89	19.88		50/0	20.00		19.96	
64QAM	1/0	20.00	19.87	19.91	19.91	64QAM	1/0	20.00		19.95	
256QAM	1/0	18.00	17.85	17.89	17.86	256QAM	1/0	18.00		17.94	

LTE Band 14

P-sensor off

LTE B14/BW=5M		Average Conducted Power(dBm)				LTE B14/BW=10M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			23305/ 790.5	23330/ 793	23355/ 795.5					23330/ 793	
QPSK	1/0	24.00	23.40	23.43	23.44	QPSK	1/0	24.00		23.46	
	1/12	24.00	23.36	23.38	23.38		1/24	24.00		23.30	
	1/24	24.00	23.36	23.35	23.38		1/49	24.00		23.27	
	12/0	23.00	22.37	22.34	22.41		25/0	23.00		22.47	
	12/6	23.00	22.33	22.39	22.40		25/12	23.00		22.35	
	12/11	23.00	22.31	22.40	22.38		25/24	23.00		22.38	
	25/0	23.00	22.36	22.41	22.36		50/0	23.00		22.41	
16QAM	1/0	22.00	21.41	21.37	21.40	16QAM	1/0	22.00		21.42	
	1/12	22.00	21.34	21.35	21.36		1/24	22.00		21.39	
	1/24	22.00	21.33	21.31	21.38		1/49	22.00		21.39	
	12/0	21.00	20.33	20.30	20.38		25/0	21.00		20.37	
	12/6	21.00	20.31	20.36	20.33		25/12	21.00		20.34	
	12/11	21.00	20.32	20.36	20.34		25/24	21.00		20.40	
	25/0	21.00	20.34	20.30	20.34		50/0	21.00		20.35	
64QAM	1/0	21.00	20.33	20.33	20.30	64QAM	1/0	21.00		20.37	
256QAM	1/0	20.00	19.37	19.39	19.33	256QAM	1/0	20.00		19.41	

P-sensor on

LTE B14/BW=5M		Average Conducted Power(dBm)				LTE B14/BW=10M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			23305/ 790.5	23330/ 793	23355/ 795.5					23330/ 793	
QPSK	1/0	21.50	21.47	21.42	21.45	QPSK	1/0	21.50		21.48	
	1/12	21.50	21.39	21.35	21.38		1/24	21.50		21.44	
	1/24	21.50	21.42	21.42	21.38		1/49	21.50		21.47	
	12/0	20.50	20.42	20.46	20.39		25/0	20.50		20.47	
	12/6	20.50	20.41	20.39	20.42		25/12	20.50		20.43	
	12/11	20.50	20.41	20.38	20.42		25/24	20.50		20.46	
	25/0	20.50	20.42	20.46	20.41		50/0	20.50		20.47	
16QAM	1/0	20.50	20.37	20.36	20.41	16QAM	1/0	20.50		20.44	
	1/12	20.50	20.35	20.34	20.37		1/24	20.50		20.38	
	1/24	20.50	20.46	20.44	20.41		1/49	20.50		20.48	
	12/0	19.50	19.30	19.32	19.36		25/0	19.50		19.38	
	12/6	19.50	19.33	19.35	19.35		25/12	19.50		19.42	
	12/11	19.50	19.40	19.47	19.42		25/24	19.50		19.48	
	25/0	19.50	19.41	19.40	19.38		50/0	19.50		19.45	
64QAM	1/0	19.50	19.45	19.40	19.42	64QAM	1/0	19.50		19.48	
256QAM	1/0	17.50	17.42	17.38	17.39	256QAM	1/0	17.50		17.47	

LTE Band 17

P-sensor off

LTE B17/BW=5M		Average Conducted Power(dBm)				LTE B17/BW=10M		Average Conducted Power(dBm)			
Modula -tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula -tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			23755/ 706.5	23790/ 710	23825/ 713.5				23780/ 709	23790/ 710	23800/ 711
QPSK	1/0	24.00	23.28	23.36	23.07	QPSK	1/0	24.00	23.34	23.40	23.18
	1/12	24.00	23.25	23.33	23.06		1/24	24.00	23.30	23.28	23.15
	1/24	24.00	23.21	23.31	23.05		1/49	24.00	23.31	23.36	23.10
	12/0	23.00	22.25	22.32	22.04		25/0	23.00	22.41	22.43	22.22
	12/6	23.00	22.19	22.26	22.01		25/12	23.00	22.38	22.34	22.17
	12/11	23.00	22.25	22.35	22.07		25/24	23.00	22.35	22.40	22.19
	25/0	23.00	22.20	22.30	22.05		50/0	23.00	22.39	22.44	22.29
16QAM	1/0	22.00	21.39	21.35	21.21	16QAM	1/0	22.00	21.45	21.43	21.32
	1/12	22.00	21.36	21.30	21.13		1/24	22.00	21.36	21.35	21.38
	1/24	22.00	21.30	21.29	21.19		1/49	22.00	21.34	21.34	21.37
	12/0	21.00	20.35	20.33	20.17		25/0	21.00	20.37	20.42	20.39
	12/6	21.00	20.31	20.32	20.19		25/12	21.00	20.42	20.43	20.43
	12/11	21.00	20.35	20.25	20.19		25/24	21.00	20.39	20.42	20.35
	25/0	21.00	20.30	20.34	20.15		50/0	21.00	20.41	20.38	20.40
64QAM	1/0	21.00	20.30	20.26	20.28	64QAM	1/0	21.00	20.46	20.33	20.31
256QAM	1/0	20.00	19.32	19.35	19.33	256QAM	1/0	20.00	19.45	19.37	19.24

P-sensor on

LTE B17/BW=5M		Average Conducted Power(dBm)				LTE B17/BW=10M		Average Conducted Power(dBm)			
Modula -tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula -tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			23755/ 706.5	23790/ 710	23825/ 713.5				23780/ 709	23790/ 710	23800/ 711
QPSK	1/0	23.00	22.75	22.71	22.70	QPSK	1/0	23.00	22.75	22.78	22.69
	1/12	23.00	22.73	22.74	22.72		1/24	23.00	22.73	22.76	22.69
	1/24	23.00	22.65	22.63	22.66		1/49	23.00	22.72	22.69	22.73
	12/0	22.00	21.94	21.93	21.91		25/0	22.00	21.73	21.98	21.67
	12/6	22.00	21.94	21.90	21.94		25/12	22.00	21.68	21.96	21.72
	12/11	22.00	21.93	21.92	21.93		25/24	22.00	21.68	21.94	21.70
	25/0	22.00	21.86	21.93	21.91		50/0	22.00	21.71	21.95	21.74
16QAM	1/0	22.00	21.68	21.75	21.69	16QAM	1/0	22.00	21.65	21.77	21.69
	1/12	22.00	21.70	21.67	21.68		1/24	22.00	21.73	21.72	21.68
	1/24	22.00	21.68	21.70	21.74		1/49	22.00	21.71	21.76	21.71
	12/0	21.00	20.60	20.60	20.65		25/0	21.00	20.70	20.68	20.74
	12/6	21.00	20.77	20.75	20.77		25/12	21.00	20.73	20.78	20.74
	12/11	21.00	20.71	20.73	20.71		25/24	21.00	20.67	20.76	20.73
	25/0	21.00	20.74	20.73	20.68		50/0	21.00	20.69	20.76	20.66
64QAM	1/0	21.00	20.66	20.72	20.65	64QAM	1/0	21.00	20.69	20.73	20.73
256QAM	1/0	19.00	18.73	18.70	18.76	256QAM	1/0	19.00	18.75	18.78	18.68

LTE Band 30

P-sensor off

LTE B30/BW=5M		Average Conducted Power(dBm)				LTE B30/BW=10M		Average Conducted Power(dBm)			
Modula -tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula -tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			27685/ 2307.5	27710/ 2310	27735/ 2312.5					27710/ 2310	
QPSK	1/0	23.00	22.75	22.68	22.71	QPSK	1/0	23.00		22.76	
	1/12	23.00	22.72	22.62	22.68		1/24	23.00		22.68	
	1/24	23.00	22.68	22.62	22.67		1/49	23.00		22.52	
	12/0	22.00	21.75	21.66	21.69		25/0	22.00		21.79	
	12/6	22.00	21.69	21.62	21.67		25/12	22.00		21.78	
	12/11	22.00	21.66	21.62	21.63		25/24	22.00		21.62	
	25/0	22.00	21.69	21.58	21.67		50/0	22.00		21.80	
16QAM	1/0	21.00	20.86	20.87	20.85	16QAM	1/0	21.00		20.91	
	1/12	21.00	20.83	20.83	20.83		1/24	21.00		20.83	
	1/24	21.00	20.84	20.85	20.81		1/49	21.00		20.86	
	12/0	20.00	19.86	19.87	19.80		25/0	20.00		19.84	
	12/6	20.00	19.77	19.84	19.80		25/12	20.00		19.83	
	12/11	20.00	19.81	19.80	19.80		25/24	20.00		19.83	
	25/0	20.00	19.76	19.79	19.77		50/0	20.00		19.87	
64QAM	1/0	20.00	19.84	19.77	19.83	64QAM	1/0	20.00		19.86	
256QAM	1/0	19.00	18.80	18.79	18.83	256QAM	1/0	19.00		18.87	

P-sensor on

LTE B30/BW=5M		Average Conducted Power(dBm)				LTE B30/BW=10M		Average Conducted Power(dBm)			
Modula -tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula -tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			27685/ 2307.5	27710/ 2310	27735/ 2312.5					27710/ 2310	
QPSK	1/0	13.50	13.41	13.41	13.47	QPSK	1/0	13.50		13.48	
	1/12	13.50	13.39	13.40	13.42		1/24	13.50		13.45	
	1/24	13.50	13.43	13.37	13.36		1/49	13.50		13.44	
	12/0	12.50	12.42	12.41	12.45		25/0	12.50		12.46	
	12/6	12.50	12.37	12.37	12.36		25/12	12.50		12.42	
	12/11	12.50	12.39	12.39	12.35		25/24	12.50		12.41	
	25/0	12.50	12.41	12.45	12.44		50/0	12.50		12.47	
16QAM	1/0	12.50	12.42	12.41	12.39	16QAM	1/0	12.50		12.46	
	1/12	12.50	12.35	12.39	12.39		1/24	12.50		12.43	
	1/24	12.50	12.37	12.38	12.43		1/49	12.50		12.45	
	12/0	11.50	11.41	11.39	11.41		25/0	11.50		11.46	
	12/6	11.50	11.36	11.39	11.38		25/12	11.50		11.42	
	12/11	11.50	11.44	11.40	11.40		25/24	11.50		11.48	
	25/0	11.50	11.42	11.42	11.43		50/0	11.50		11.45	
64QAM	1/0	11.50	11.39	11.40	11.41	64QAM	1/0	11.50		11.46	
256QAM	1/0	9.50	9.41	9.35	9.35	256QAM	1/0	9.50		9.43	

LTE Band 38

P-sensor off

LTE B38/BW=5M		Average Conducted Power(dBm)				LTE B38/BW=10M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			37775/ 2572.5	38000/ 2595	38225/ 2617.5				37800/ 2575	38000/ 2595	38200/ 2615
QPSK	1/0	24.00	23.49	23.63	23.31	QPSK	1/0	24.00	23.54	23.65	23.40
	1/12	24.00	23.45	23.56	23.28		1/24	24.00	23.47	23.61	23.35
	1/24	24.00	23.44	23.56	23.28		1/49	24.00	23.46	23.58	23.32
	12/0	23.00	22.40	22.59	22.31		25/0	23.00	22.47	22.56	22.31
	12/6	23.00	22.46	22.55	22.27		25/12	23.00	22.52	22.56	22.30
	12/11	23.00	22.39	22.53	22.30		25/24	23.00	22.54	22.58	22.37
	25/0	23.00	22.40	22.56	22.27		50/0	23.00	22.52	22.57	22.36
16QAM	1/0	22.00	21.51	21.67	21.25	16QAM	1/0	22.00	21.56	21.69	21.31
	1/12	22.00	21.47	21.61	21.24		1/24	22.00	21.54	21.63	21.24
	1/24	22.00	21.49	21.63	21.21		1/49	22.00	21.49	21.62	21.27
	12/0	21.00	20.44	20.63	20.21		25/0	21.00	20.48	20.62	20.26
	12/6	21.00	20.42	20.60	20.15		25/12	21.00	20.53	20.64	20.25
	12/11	21.00	20.47	20.61	20.17		25/24	21.00	20.53	20.60	20.23
	25/0	21.00	20.46	20.62	20.17		50/0	21.00	20.46	20.62	20.29
64QAM	1/0	21.00	20.61	20.71	20.36	64QAM	1/0	21.00	20.65	20.77	20.42
256QAM	1/0	20.00	19.62	19.88	19.25	256QAM	1/0	20.00	19.69	19.89	19.32

LTE B38/BW=15M		Average Conducted Power(dBm)				LTE B38/BW=20M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			37825/ 2577.5	38000/ 2595	38175/ 2612.5				37850/ 2580	38000/ 2595	38150/ 2610
QPSK	1/0	24.00	23.58	23.72	23.44	QPSK	1/0	24.00	23.67	23.77	23.48
	1/37	24.00	23.54	23.68	23.37		1/49	24.00	23.64	23.67	23.46
	1/74	24.00	23.53	23.63	23.36		1/99	24.00	23.54	23.52	23.39
	36/0	23.00	22.49	22.65	22.36		50/0	23.00	22.73	22.92	22.50
	36/18	23.00	22.53	22.70	22.39		50/24	23.00	22.68	22.79	22.41
	36/35	23.00	22.51	22.70	22.44		50/49	23.00	22.63	22.59	22.49
	75/0	23.00	22.51	22.66	22.34		100/0	23.00	22.74	22.90	22.40
16QAM	1/0	22.00	21.62	21.76	21.34	16QAM	1/0	22.00	21.70	21.79	21.45
	1/37	22.00	21.56	21.69	21.30		1/49	22.00	21.69	21.71	21.41
	1/74	22.00	21.53	21.73	21.30		1/99	22.00	21.68	21.78	21.42
	36/0	21.00	20.57	20.67	20.26		50/0	21.00	20.65	20.74	20.41
	36/18	21.00	20.52	20.76	20.33		50/24	21.00	20.61	20.78	20.44
	36/35	21.00	20.59	20.75	20.28		50/49	21.00	20.68	20.70	20.40
	75/0	21.00	20.56	20.66	20.26		100/0	21.00	20.65	20.73	20.37
64QAM	1/0	21.00	20.69	20.86	20.44	64QAM	1/0	21.00	20.74	20.88	20.50
256QAM	1/0	20.00	19.75	19.90	19.35	256QAM	1/0	20.00	19.78	19.91	19.42

P-sensor on

LTE B38/BW=5M		Average Conducted Power(dBm)				LTE B38/BW=10M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			37775/ 2572.5	38000/ 2595	38225/ 2617.5				37800/ 2575	38000/ 2595	38200/ 2615
QPSK	1/0	17.50	17.25	17.33	17.28	QPSK	1/0	17.50	17.32	17.42	17.33
	1/12	17.50	17.31	17.16	17.32		1/24	17.50	17.35	17.24	17.38
	1/24	17.50	17.31	17.29	17.29		1/49	17.50	17.33	17.34	17.31
	12/0	16.50	16.27	16.36	16.37		25/0	16.50	16.30	16.42	16.40
	12/6	16.50	16.22	16.32	16.22		25/12	16.50	16.28	16.41	16.30
	12/11	16.50	16.20	16.26	16.27		25/24	16.50	16.23	16.30	16.32
	25/0	16.50	16.28	16.37	16.18		50/0	16.50	16.32	16.44	16.26
16QAM	1/0	16.50	16.28	16.30	16.32	16QAM	1/0	16.50	16.32	16.37	16.34
	1/12	16.50	16.29	16.36	16.25		1/24	16.50	16.33	16.38	16.29
	1/24	16.50	16.18	16.26	16.32		1/49	16.50	16.25	16.30	16.34
	12/0	15.50	15.29	15.33	15.23		25/0	15.50	15.32	15.40	15.30
	12/6	15.50	15.34	15.32	15.36		25/12	15.50	15.36	15.37	15.39
	12/11	15.50	15.24	15.26	15.26		25/24	15.50	15.27	15.27	15.33
	25/0	15.50	15.26	15.20	15.28		50/0	15.50	15.33	15.25	15.35
64QAM	1/0	15.50	15.26	15.27	15.28	64QAM	1/0	15.50	15.29	15.28	15.36
256QAM	1/0	13.50	13.29	13.24	13.34	256QAM	1/0	13.50	13.34	13.29	13.36
LTE B38/BW=15M		**Average Conducted Power(dBm)**				**LTE B38/BW=20M**		**Average Conducted Power(dBm)**			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			37825/ 2577.5	38000/ 2595	38175/ 2612.5				37850/ 2580	38000/ 2595	38150/ 2610
QPSK	1/0	17.50	17.38	17.47	17.42	QPSK	1/0	17.50	17.45	17.48	17.46
	1/37	17.50	17.36	17.32	17.40		1/49	17.50	17.41	17.40	17.43
	1/74	17.50	17.39	17.43	17.35		1/99	17.50	17.40	17.45	17.39
	36/0	16.50	16.39	16.47	16.42		50/0	16.50	16.42	16.49	16.47
	36/18	16.50	16.33	16.44	16.37		50/24	16.50	16.38	16.45	16.39
	36/35	16.50	16.30	16.36	16.38		50/49	16.50	16.36	16.42	16.44
	75/0	16.50	16.36	16.46	16.31		100/0	16.50	16.38	16.47	16.39
16QAM	1/0	16.50	16.39	16.40	16.36	16QAM	1/0	16.50	16.44	16.48	16.42
	1/37	16.50	16.39	16.41	16.32		1/49	16.50	16.44	16.47	16.41
	1/74	16.50	16.28	16.36	16.38		1/99	16.50	16.36	16.39	16.45
	36/0	15.50	15.34	15.44	15.36		50/0	15.50	15.38	15.45	15.42
	36/18	15.50	15.42	15.44	15.42		50/24	15.50	15.44	15.46	15.43
	36/35	15.50	15.35	15.33	15.40		50/49	15.50	15.40	15.39	15.42
	75/0	15.50	15.39	15.34	15.38		100/0	15.50	15.44	15.41	15.41
64QAM	1/0	15.50	15.37	15.36	15.41	64QAM	1/0	15.50	15.38	15.42	15.44
256QAM	1/0	13.50	13.36	13.34	13.43	256QAM	1/0	13.50	13.43	13.41	13.44

LTE Band 41

P-sensor off

LTE B41/BW=5M		Average Conducted Power(dBm)				LTE B41/BW=10M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			39675/ 2488.5	40620/ 2593	41565/ 2687.5				39700/ 2501	40620/ 2593	41540/ 2685
QPSK	1/0	24.00	23.35	23.71	23.36	QPSK	1/0	24.00	23.43	23.76	23.43
	1/12	24.00	23.29	23.68	23.33		1/24	24.00	23.36	23.67	23.37
	1/24	24.00	23.30	23.65	23.30		1/49	24.00	23.37	23.74	23.34
	12/0	23.00	22.29	22.70	22.32		25/0	23.00	22.34	22.67	22.42
	12/6	23.00	22.34	22.66	22.35		25/12	23.00	22.40	22.66	22.38
	12/11	23.00	22.28	22.66	22.30		25/24	23.00	22.35	22.69	22.33
	25/0	23.00	22.31	22.65	22.30		50/0	23.00	22.34	22.70	22.39
16QAM	1/0	22.00	21.51	21.70	21.52	16QAM	1/0	22.00	21.57	21.74	21.56
	1/12	22.00	21.45	21.68	21.49		1/24	22.00	21.50	21.69	21.49
	1/24	22.00	21.43	21.68	21.43		1/49	22.00	21.55	21.70	21.50
	12/0	21.00	20.49	20.67	20.45		25/0	21.00	20.47	20.71	20.51
	12/6	21.00	20.42	20.65	20.44		25/12	21.00	20.48	20.74	20.46
	12/11	21.00	20.50	20.65	20.45		25/24	21.00	20.52	20.70	20.55
	25/0	21.00	20.51	20.65	20.47		50/0	21.00	20.50	20.70	20.53
64QAM	1/0	21.00	20.71	20.77	20.61	64QAM	1/0	21.00	20.80	20.86	20.63
256QAM	1/0	20.00	19.74	19.76	19.62	256QAM	1/0	20.00	19.77	19.83	19.70
LTE B41/BW=15M		**Average Conducted Power(dBm)**				**LTE B41/BW=20M**		**Average Conducted Power(dBm)**			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			39725/ 2503.5	40620/ 2593	41515/ 2682.5				39750/ 2506	40620/ 2593	41490/ 2680
QPSK	1/0	24.00	23.50	23.79	23.49	QPSK	1/0	24.00	23.75	23.80	23.69
	1/37	24.00	23.44	23.74	23.43		1/49	24.00	23.52	23.63	23.67
	1/74	24.00	23.44	23.71	23.48		1/99	24.00	23.64	23.74	23.56
	36/0	23.00	22.49	22.76	22.47		50/0	23.00	22.80	22.90	22.76
	36/18	23.00	22.41	22.79	22.42		50/24	23.00	22.57	22.72	22.68
	36/35	23.00	22.45	22.76	22.48		50/49	23.00	22.65	22.75	22.59
	75/0	23.00	22.46	22.69	22.44		100/0	23.00	22.87	22.92	22.83
16QAM	1/0	22.00	21.62	21.80	21.61	16QAM	1/0	22.00	21.88	21.83	21.82
	1/37	22.00	21.59	21.73	21.57		1/49	22.00	21.82	21.75	21.81
	1/74	22.00	21.55	21.74	21.57		1/99	22.00	21.80	21.76	21.78
	36/0	21.00	20.60	20.70	20.54		50/0	21.00	20.78	20.82	20.76
	36/18	21.00	20.53	20.78	20.54		50/24	21.00	20.88	20.79	20.81
	36/35	21.00	20.61	20.78	20.53		50/49	21.00	20.86	20.77	20.75
	75/0	21.00	20.58	20.77	20.58		100/0	21.00	20.86	20.76	20.76
64QAM	1/0	21.00	20.82	20.92	20.66	64QAM	1/0	21.00	20.85	20.94	20.71
256QAM	1/0	20.00	19.80	19.85	19.73	256QAM	1/0	20.00	19.88	19.88	19.74

P-sensor on

LTE B41/BW=5M		Average Conducted Power(dBm)				LTE B41/BW=10M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			39675/ 2488.5	40620/ 2593	41565/ 2687.5				39700/ 2501	40620/ 2593	41540/ 2685
QPSK	1/0	16.50	16.30	16.34	16.36	QPSK	1/0	16.50	16.37	16.35	16.41
	1/12	16.50	16.16	16.34	16.24		1/24	16.50	16.24	16.37	16.32
	1/24	16.50	16.17	16.35	16.28		1/49	16.50	16.25	16.39	16.37
	12/0	15.50	15.17	15.37	15.24		25/0	15.50	15.23	15.38	15.30
	12/6	15.50	15.18	15.24	15.26		25/12	15.50	15.22	15.32	15.30
	12/11	15.50	15.20	15.38	15.18		25/24	15.50	15.23	15.40	15.26
	25/0	15.50	15.19	15.30	15.27		50/0	15.50	15.26	15.33	15.36
16QAM	1/0	15.50	15.16	15.24	15.21	16QAM	1/0	15.50	15.23	15.29	15.25
	1/12	15.50	15.35	15.24	15.20		1/24	15.50	15.39	15.33	15.24
	1/24	15.50	15.19	15.27	15.31		1/49	15.50	15.26	15.32	15.32
	12/0	14.50	14.24	14.24	14.32		25/0	14.50	14.31	14.32	14.35
	12/6	14.50	14.24	14.27	14.21		25/12	14.50	14.30	14.32	14.28
	12/11	14.50	14.26	14.27	14.30		25/24	14.50	14.31	14.30	14.36
	25/0	14.50	14.14	14.25	14.24		50/0	14.50	14.22	14.33	14.27
64QAM	1/0	14.50	14.26	14.28	14.26	64QAM	1/0	14.50	14.28	14.34	14.35
256QAM	1/0	12.50	12.22	12.24	12.23	256QAM	1/0	12.50	12.28	12.29	12.28
LTE B41/BW=15M		**Average Conducted Power(dBm)**				**LTE B41/BW=20M**		**Average Conducted Power(dBm)**			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			39725/ 2503.5	40620/ 2593	41515/ 2682.5				39750/ 2506	40620/ 2593	41490/ 2680
QPSK	1/0	16.50	16.40	16.42	16.43	QPSK	1/0	16.50	16.43	16.48	16.47
	1/37	16.50	16.29	16.41	16.38		1/49	16.50	16.35	16.46	16.43
	1/74	16.50	16.30	16.44	16.42		1/99	16.50	16.37	16.47	16.43
	36/0	15.50	15.28	15.42	15.38		50/0	15.50	15.34	15.49	15.46
	36/18	15.50	15.30	15.40	15.37		50/24	15.50	15.38	15.46	15.40
	36/35	15.50	15.27	15.42	15.31		50/49	15.50	15.35	15.44	15.38
	75/0	15.50	15.29	15.39	15.39		100/0	15.50	15.36	15.40	15.46
16QAM	1/0	15.50	15.30	15.36	15.33	16QAM	1/0	15.50	15.37	15.44	15.41
	1/37	15.50	15.41	15.34	15.30		1/49	15.50	15.42	15.43	15.39
	1/74	15.50	15.33	15.40	15.33		1/99	15.50	15.41	15.47	15.38
	36/0	14.50	14.38	14.36	14.36		50/0	14.50	14.42	14.41	14.45
	36/18	14.50	14.35	14.39	14.36		50/24	14.50	14.39	14.42	14.43
	36/35	14.50	14.33	14.34	14.44		50/49	14.50	14.41	14.40	14.46
	75/0	14.50	14.28	14.36	14.36		100/0	14.50	14.35	14.40	14.42
64QAM	1/0	14.50	14.35	14.41	14.42	64QAM	1/0	14.50	14.37	14.45	14.43
256QAM	1/0	12.50	12.33	12.32	12.34	256QAM	1/0	12.50	12.37	12.39	12.42

LTE Band 42

P-sensor off

LTE B42/BW=5M		Average Conducted Power(dBm)				LTE B42/BW=10M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			42115/ 3452.5	43190/ 3560	43565/ 3597.5				42140/ 3455	43190/ 3560	43565/ 3597.5
QPSK	1/0	22.00	20.57	20.77	20.61	QPSK	1/0	22.00	20.62	20.81	20.64
	1/12	22.00	20.55	20.74	20.56		1/24	22.00	20.56	20.72	20.58
	1/24	22.00	20.50	20.71	20.56		1/49	22.00	20.53	20.77	20.58
	12/0	21.00	19.50	19.77	19.59		25/0	21.00	19.56	19.80	19.62
	12/6	21.00	19.52	19.76	19.60		25/12	21.00	19.61	19.72	19.61
	12/11	21.00	19.49	19.68	19.57		25/24	21.00	19.56	19.77	19.63
	25/0	21.00	19.51	19.74	19.60		50/0	21.00	19.53	19.77	19.56
16QAM	1/0	20.00	18.54	18.80	18.70	16QAM	1/0	20.00	18.58	18.85	18.74
	1/12	20.00	18.52	18.79	18.67		1/24	20.00	18.51	18.76	18.68
	1/24	20.00	18.46	18.73	18.64		1/49	20.00	18.51	18.79	18.72
	12/0	20.00	17.52	17.72	17.68		25/0	20.00	17.50	17.84	17.65
	12/6	19.00	17.51	17.76	17.63		25/12	19.00	17.56	17.80	17.74
	12/11	19.00	17.45	17.75	17.63		25/24	19.00	17.49	17.82	17.67
	25/0	19.00	17.45	17.71	17.63		50/0	19.00	17.52	17.85	17.70
64QAM	1/0	19.00	17.61	17.79	17.76	64QAM	1/0	19.00	17.68	17.87	17.83
256QAM	1/0	18.00	16.60	16.77	16.72	256QAM	1/0	18.00	16.67	16.82	16.78

LTE B42/BW=15M		Average Conducted Power(dBm)				LTE B42/BW=20M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			42165/ 3457.5	43190/ 3560	43515/ 3592.5				42190/ 3460	43190/ 3560	43490/ 3590
QPSK	1/0	22.00	20.65	20.90	20.70	QPSK	1/0	22.00	20.72	20.94	20.79
	1/37	22.00	20.58	20.83	20.68		1/49	22.00	20.65	20.83	20.77
	1/74	22.00	20.59	20.82	20.64		1/99	22.00	20.68	20.86	20.62
	36/0	21.00	19.63	19.81	19.70		50/0	21.00	19.82	19.94	19.93
	36/18	21.00	19.64	19.89	19.65		50/24	21.00	19.72	19.92	19.79
	36/35	21.00	19.60	19.85	19.66		50/49	21.00	19.78	19.91	19.69
	75/0	21.00	19.61	19.84	19.70		100/0	21.00	19.73	19.99	19.85
16QAM	1/0	20.00	20.60	18.90	18.77	16QAM	1/0	20.00	18.75	18.96	18.85
	1/37	20.00	20.54	18.81	18.69		1/49	20.00	18.73	18.90	18.78
	1/74	20.00	20.57	18.84	18.69		1/99	20.00	18.68	18.94	18.83
	36/0	20.00	19.56	17.86	17.72		50/0	20.00	17.74	17.96	17.76
	36/18	19.00	19.52	17.83	17.68		50/24	19.00	17.67	17.93	17.77
	36/35	19.00	19.57	17.89	17.71		50/49	19.00	17.68	17.86	17.81
	75/0	19.00	19.59	17.86	17.68		100/0	19.00	17.73	17.86	17.81
64QAM	1/0	19.00	17.75	17.96	17.90	64QAM	1/0	19.00	17.84	17.98	17.91
256QAM	1/0	18.00	16.68	16.87	16.85	256QAM	1/0	18.00	16.73	16.96	16.93

P-sensor on

LTE B42/BW=5M		Average Conducted Power(dBm)				LTE B42/BW=10M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			42115/ 3452.5	43190/ 3560	43565/ 3597.5				42140/ 3455	43190/ 3560	43565/ 3597.5
QPSK	1/0	15.50	15.30	15.33	15.20	QPSK	1/0	15.50	15.35	15.38	15.27
	1/12	15.50	15.26	15.26	15.23		1/24	15.50	15.33	15.29	15.24
	1/24	15.50	15.23	15.30	15.21		1/49	15.50	15.28	15.32	15.27
	12/0	14.50	14.23	14.28	14.18		25/0	14.50	14.27	14.36	14.22
	12/6	14.50	14.23	14.26	14.13		25/12	14.50	14.28	14.28	14.18
	12/11	14.50	14.18	14.27	14.21		25/24	14.50	14.25	14.34	14.26
	25/0	14.50	14.21	14.31	14.22		50/0	14.50	14.25	14.36	14.26
16QAM	1/0	14.50	14.28	14.25	14.12	16QAM	1/0	14.50	14.34	14.29	14.18
	1/12	14.50	14.27	14.33	14.18		1/24	14.50	14.32	14.37	14.19
	1/24	14.50	14.26	14.32	14.14		1/49	14.50	14.33	14.34	14.20
	12/0	13.50	13.11	13.25	13.12		25/0	13.50	13.20	13.27	13.19
	12/6	13.50	13.31	13.25	13.17		25/12	13.50	13.33	13.31	13.20
	12/11	13.50	13.16	13.19	13.14		25/24	13.50	13.22	13.26	13.22
	25/0	13.50	13.24	13.26	13.24		50/0	13.50	13.25	13.34	13.26
64QAM	1/0	13.50	13.22	13.25	13.21	64QAM	1/0	13.50	13.24	13.31	13.23
256QAM	1/0	11.50	11.23	11.23	11.26	256QAM	1/0	11.50	11.28	11.31	11.27
LTE B42/BW=15M		**Average Conducted Power(dBm)**				**LTE B42/BW=20M**		**Average Conducted Power(dBm)**			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			42165/ 3457.5	43190/ 3560	43515/ 3592.5				42190/ 3460	43190/ 3560	43490/ 3590
QPSK	1/0	15.50	15.37	15.45	15.33	QPSK	1/0	15.50	15.45	15.47	15.39
	1/37	15.50	15.38	15.33	15.27		1/49	15.50	15.43	15.41	15.33
	1/74	15.50	15.35	15.38	15.31		1/99	15.50	15.43	15.44	15.36
	36/0	14.50	14.29	14.44	14.30		50/0	14.50	14.38	14.49	14.32
	36/18	14.50	14.33	14.35	14.27		50/24	14.50	14.40	14.41	14.33
	36/35	14.50	14.32	14.39	14.34		50/49	14.50	14.38	14.44	14.39
	75/0	14.50	14.31	14.37	14.28		100/0	14.50	14.39	14.45	14.30
16QAM	1/0	14.50	14.38	14.36	14.22	16QAM	1/0	14.50	14.42	14.45	14.31
	1/37	14.50	14.41	14.39	14.24		1/49	14.50	14.42	14.47	14.30
	1/74	14.50	14.37	14.36	14.25		1/99	14.50	14.44	14.39	14.29
	36/0	13.50	13.28	13.32	13.26		50/0	13.50	13.37	13.38	13.33
	36/18	13.50	13.39	13.33	13.25		50/24	13.50	13.43	13.38	13.31
	36/35	13.50	13.28	13.29	13.30		50/49	13.50	13.35	13.37	13.33
	75/0	13.50	13.33	13.37	13.29		100/0	13.50	13.42	13.44	13.32
64QAM	1/0	13.50	13.33	13.35	13.31	64QAM	1/0	13.50	13.35	13.44	13.34
256QAM	1/0	11.50	11.37	11.36	11.31	256QAM	1/0	11.50	11.44	11.37	11.35

LTE Band 43

P-sensor off

LTE B43/BW=5M		Average Conducted Power(dBm)				LTE B43/BW=10M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			43615/ 3602.5	44090/ 3650	44565/ 3697.5				43640/ 3605	44090/ 3650	44540/ 3695
QPSK	1/0	22.00	20.44	20.63	20.52	QPSK	1/0	22.00	20.51	20.69	20.54
	1/12	22.00	20.40	20.60	20.48		1/24	22.00	20.44	20.66	20.46
	1/24	22.00	20.42	20.56	20.45		1/49	22.00	20.45	20.66	20.47
	12/0	21.00	19.42	19.58	19.50		25/0	21.00	19.44	19.64	19.54
	12/6	21.00	19.42	19.61	19.42		25/12	21.00	19.50	19.59	19.49
	12/11	21.00	19.43	19.54	19.51		25/24	21.00	19.49	19.64	19.52
	25/0	21.00	19.41	19.55	19.49		50/0	21.00	19.43	19.62	19.54
16QAM	1/0	20.00	18.63	18.73	18.60	16QAM	1/0	20.00	18.69	18.80	18.67
	1/12	20.00	18.58	18.69	18.59		1/24	20.00	18.62	18.73	18.59
	1/24	20.00	18.58	18.66	18.57		1/49	20.00	18.65	18.78	18.64
	12/0	20.00	17.55	17.63	17.59		25/0	20.00	17.66	17.78	17.60
	12/6	19.00	17.54	17.72	17.57		25/12	19.00	17.63	17.77	17.64
	12/11	19.00	17.54	17.64	17.51		25/24	19.00	17.62	17.71	17.64
	25/0	19.00	17.59	17.64	17.52		50/0	19.00	17.59	17.71	17.63
64QAM	1/0	19.00	17.58	17.71	17.60	64QAM	1/0	19.00	17.62	17.80	17.62
256QAM	1/0	18.00	16.72	16.66	16.60	256QAM	1/0	18.00	16.75	16.73	16.64

LTE B43/BW=15M		Average Conducted Power(dBm)				LTE B43/BW=20M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			43665/ 3607.5	44090/ 3650	44515/ 3692.5				43690/ 3610	44090/ 3650	44490/ 3690
QPSK	1/0	22.00	20.58	20.73	20.62	QPSK	1/0	22.00	20.71	20.76	20.66
	1/37	22.00	20.52	20.67	20.54		1/49	22.00	20.65	20.73	20.61
	1/74	22.00	20.51	20.65	20.57		1/99	22.00	20.68	20.74	20.53
	36/0	21.00	19.56	19.66	19.61		50/0	21.00	19.74	19.86	19.81
	36/18	21.00	19.53	19.66	19.60		50/24	21.00	19.73	19.80	19.73
	36/35	21.00	19.49	19.67	19.60		50/49	21.00	19.73	19.85	19.62
	75/0	21.00	19.50	19.72	19.61		100/0	21.00	19.76	19.83	19.78
16QAM	1/0	20.00	18.75	18.83	18.72	16QAM	1/0	20.00	18.82	18.86	18.81
	1/37	20.00	18.72	18.79	18.65		1/49	20.00	18.80	18.79	18.78
	1/74	20.00	18.74	18.77	18.70		1/99	20.00	18.77	18.82	18.73
	36/0	20.00	17.71	17.75	17.71		50/0	20.00	17.74	17.80	17.71
	36/18	19.00	17.75	17.78	17.68		50/24	19.00	17.73	17.78	17.73
	36/35	19.00	17.74	17.74	17.64		50/49	19.00	17.75	17.79	17.74
	75/0	19.00	17.70	17.74	17.65		100/0	19.00	17.77	17.81	17.75
64QAM	1/0	19.00	17.69	17.88	17.68	64QAM	1/0	19.00	17.76	17.90	17.77
256QAM	1/0	18.00	16.81	16.78	16.72	256QAM	1/0	18.00	16.85	16.81	16.79

P-sensor on

LTE B43/BW=5M		Average Conducted Power(dBm)				LTE B43/BW=10M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			43615/ 3602.5	44090/ 3650	44565/ 3697.5				43640/ 3605	44090/ 3650	44540/ 3695
QPSK	1/0	15.50	15.02	15.09	15.00	QPSK	1/0	15.50	15.04	15.14	15.07
	1/12	15.50	14.97	15.08	14.99		1/24	15.50	15.04	15.11	15.03
	1/24	15.50	14.94	15.05	14.97		1/49	15.50	15.03	15.08	15.01
	12/0	14.50	13.86	14.03	13.98		25/0	14.50	13.95	14.07	14.01
	12/6	14.50	13.85	13.90	13.86		25/12	14.50	13.93	13.95	13.91
	12/11	14.50	13.93	13.94	13.93		25/24	14.50	14.00	14.02	13.97
	25/0	14.50	13.98	13.94	14.01		50/0	14.50	14.05	13.99	14.03
16QAM	1/0	14.50	14.00	14.03	13.91	16QAM	1/0	14.50	14.06	14.07	13.95
	1/12	14.50	14.00	13.99	13.99		1/24	14.50	14.06	14.02	14.02
	1/24	14.50	13.99	14.00	13.85		1/49	14.50	14.04	14.03	13.93
	12/0	13.50	12.99	13.05	12.91		25/0	13.50	13.03	13.10	12.97
	12/6	13.50	12.98	13.00	12.92		25/12	13.50	13.06	13.05	12.97
	12/11	13.50	13.01	13.04	12.84		25/24	13.50	13.03	13.08	12.88
	25/0	13.50	13.01	13.01	12.99		50/0	13.50	13.08	13.03	13.02
64QAM	1/0	13.50	12.92	13.02	12.98	64QAM	1/0	13.50	13.01	13.03	13.04
256QAM	1/0	11.50	10.96	10.99	10.94	256QAM	1/0	11.50	11.00	11.05	11.00
LTE B43/BW=15M		**Average Conducted Power(dBm)**				**LTE B43/BW=20M**		**Average Conducted Power(dBm)**			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			43665/ 3607.5	44090/ 3650	44515/ 3692.5				43690/ 3610	44090/ 3650	44490/ 3690
QPSK	1/0	15.50	15.13	15.18	15.10	QPSK	1/0	15.50	15.17	15.21	15.13
	1/37	15.50	15.06	15.19	15.10		1/49	15.50	15.10	15.20	15.11
	1/74	15.50	15.07	15.12	15.03		1/99	15.50	15.15	15.15	15.07
	36/0	14.50	13.99	14.13	14.04		50/0	14.50	14.08	14.18	14.10
	36/18	14.50	14.01	14.01	14.00		50/24	14.50	14.09	14.09	14.08
	36/35	14.50	14.05	14.08	14.00		50/49	14.50	14.08	14.12	14.06
	75/0	14.50	14.09	14.05	14.08		100/0	14.50	14.13	14.12	14.12
16QAM	1/0	14.50	14.12	14.14	14.03	16QAM	1/0	14.50	14.16	14.18	14.12
	1/37	14.50	14.10	14.09	14.07		1/49	14.50	14.16	14.15	14.13
	1/74	14.50	14.07	14.11	13.97		1/99	14.50	14.13	14.16	14.04
	36/0	13.50	13.10	13.14	13.01		50/0	13.50	13.16	13.15	13.04
	36/18	13.50	13.14	13.09	13.04		50/24	13.50	13.17	13.12	13.06
	36/35	13.50	13.06	13.12	12.97		50/49	13.50	13.11	13.15	13.06
	75/0	13.50	13.11	13.05	13.05		100/0	13.50	13.16	13.12	13.09
64QAM	1/0	13.50	13.05	13.11	13.06	64QAM	1/0	13.50	13.12	13.16	13.08
256QAM	1/0	11.50	11.05	11.11	11.04	256QAM	1/0	11.50	11.10	11.17	11.08

LTE Band 48

P-sensor off

LTE B48/BW=5M		Average Conducted Power(dBm)				LTE B48/BW=10M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			55265/ 3552.5	55990/ 3625	56715/ 3697.5				55290/ 3555	55990/ 3625	56690/ 3695
QPSK	1/0	22.00	20.97	21.13	20.76	QPSK	1/0	22.00	21.05	21.17	20.80
	1/12	22.00	20.95	21.07	20.71		1/24	22.00	20.97	21.09	20.78
	1/24	22.00	20.94	21.05	20.72		1/49	22.00	20.99	21.11	20.75
	12/0	21.00	19.87	20.10	19.66		25/0	21.00	20.04	20.15	19.70
	12/6	21.00	19.89	20.13	19.75		25/12	21.00	19.96	20.15	19.79
	12/11	21.00	19.95	20.03	19.75		25/24	21.00	19.95	20.10	19.74
	25/0	21.00	19.95	20.11	19.73		50/0	21.00	19.99	20.13	19.73
16QAM	1/0	20.00	19.16	19.23	18.77	16QAM	1/0	20.00	19.18	19.26	18.86
	1/12	20.00	19.11	19.18	18.71		1/24	20.00	19.11	19.22	18.84
	1/24	20.00	19.09	19.16	18.76		1/49	20.00	19.12	19.24	18.81
	12/0	20.00	18.09	18.22	17.72		25/0	20.00	18.10	18.24	17.86
	12/6	19.00	18.13	18.21	17.72		25/12	19.00	18.09	18.23	17.85
	12/11	19.00	18.15	18.20	17.67		25/24	19.00	18.15	18.24	17.82
	25/0	19.00	18.08	18.13	17.69		50/0	19.00	18.15	18.19	17.82
64QAM	1/0	19.00	18.14	18.18	17.84	64QAM	1/0	19.00	18.17	18.25	17.88
256QAM	1/0	18.00	17.21	17.15	16.84	256QAM	1/0	18.00	17.30	17.22	16.86
LTE B48/BW=15M		**Average Conducted Power(dBm)**				**LTE B48/BW=20M**		**Average Conducted Power(dBm)**			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			55315/ 3557.5	55990/ 3625	56665/ 3692.5				55340/ 3560	55990/ 3625	56640/ 3690
QPSK	1/0	22.00	21.12	21.24	20.83	QPSK	1/0	22.00	21.23	21.25	20.93
	1/37	22.00	21.05	21.20	20.75		1/49	22.00	21.14	21.08	20.90
	1/74	22.00	21.10	21.15	20.82		1/99	22.00	21.09	20.93	20.79
	36/0	21.00	20.08	20.18	19.73		50/0	21.00	20.26	20.35	20.33
	36/18	21.00	20.11	20.23	19.74		50/24	21.00	20.22	20.36	20.17
	36/35	21.00	20.06	20.22	19.78		50/49	21.00	20.14	20.05	20.21
	75/0	21.00	20.10	20.17	19.81		100/0	21.00	20.28	20.32	20.05
16QAM	1/0	20.00	19.21	19.32	18.87	16QAM	1/0	20.00	19.34	19.35	18.98
	1/37	20.00	19.13	19.26	18.84		1/49	20.00	19.27	19.29	18.93
	1/74	20.00	19.14	19.27	18.81		1/99	20.00	19.25	19.29	18.92
	36/0	20.00	18.14	18.28	17.82		50/0	20.00	18.28	18.29	17.91
	36/18	19.00	18.11	18.23	17.81		50/24	19.00	18.33	18.32	17.92
	36/35	19.00	18.18	18.22	17.79		50/49	19.00	18.33	18.27	17.97
	75/0	19.00	18.19	18.28	17.86		100/0	19.00	18.34	18.33	17.96
64QAM	1/0	19.00	18.23	18.32	17.97	64QAM	1/0	19.00	18.28	18.39	18.02
256QAM	1/0	18.00	17.33	17.24	16.94	256QAM	1/0	18.00	17.37	17.30	17.01

P-sensor on

LTE B48/BW=5M		Average Conducted Power(dBm)				LTE B48/BW=10M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			55265/ 3552.5	55990/ 3625	56715/ 3697.5				55290/ 3555	55990/ 3625	56690/ 3695
QPSK	1/0	15.50	15.26	15.32	15.36	QPSK	1/0	15.50	15.35	15.40	15.38
	1/12	15.50	15.28	15.35	15.25		1/24	15.50	15.32	15.37	15.31
	1/24	15.50	15.26	15.26	15.22		1/49	15.50	15.29	15.31	15.26
	12/0	14.50	14.34	14.30	14.33		25/0	14.50	14.41	14.33	14.35
	12/6	14.50	14.28	14.20	14.36		25/12	14.50	14.35	14.26	14.37
	12/11	14.50	14.26	14.22	14.27		25/24	14.50	14.33	14.29	14.33
	25/0	14.50	14.32	14.34	14.24		50/0	14.50	14.40	14.40	14.26
16QAM	1/0	14.50	14.25	14.20	14.23	16QAM	1/0	14.50	14.33	14.28	14.26
	1/12	14.50	14.27	14.28	14.15		1/24	14.50	14.31	14.34	14.21
	1/24	14.50	14.24	14.22	14.25		1/49	14.50	14.28	14.24	14.33
	12/0	13.50	13.30	13.22	13.18		25/0	13.50	13.37	13.30	13.23
	12/6	13.50	13.26	13.31	13.17		25/12	13.50	13.30	13.33	13.25
	12/11	13.50	13.20	13.27	13.25		25/24	13.50	13.27	13.31	13.29
	25/0	13.50	13.22	13.21	13.27		50/0	13.50	13.30	13.26	13.35
64QAM	1/0	13.50	13.25	13.24	13.29	64QAM	1/0	13.50	13.29	13.31	13.31
256QAM	1/0	11.50	11.27	11.26	11.31	256QAM	1/0	11.50	11.30	11.30	11.33
LTE B48/BW=15M		**Average Conducted Power(dBm)**				**LTE B48/BW=20M**		**Average Conducted Power(dBm)**			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			55315/ 3557.5	55990/ 3625	56665/ 3692.5				55340/ 3560	55990/ 3625	56640/ 3690
QPSK	1/0	15.50	15.43	15.46	15.42	QPSK	1/0	15.50	15.47	15.48	15.44
	1/37	15.50	15.40	15.39	15.35		1/49	15.50	15.45	15.47	15.41
	1/74	15.50	15.38	15.35	15.30		1/99	15.50	15.40	15.40	15.36
	36/0	14.50	14.43	14.39	14.36		50/0	14.50	14.46	14.44	14.40
	36/18	14.50	14.41	14.35	14.38		50/24	14.50	14.47	14.38	14.44
	36/35	14.50	14.41	14.36	14.36		50/49	14.50	14.47	14.37	14.37
	75/0	14.50	14.42	14.44	14.31		100/0	14.50	14.46	14.47	14.35
16QAM	1/0	14.50	14.34	14.35	14.32	16QAM	1/0	14.50	14.39	14.44	14.37
	1/37	14.50	14.34	14.42	14.30		1/49	14.50	14.38	14.45	14.34
	1/74	14.50	14.35	14.32	14.35		1/99	14.50	14.37	14.39	14.39
	36/0	13.50	13.38	13.37	13.28		50/0	13.50	13.41	13.44	13.35
	36/18	13.50	13.33	13.38	13.30		50/24	13.50	13.42	13.42	13.35
	36/35	13.50	13.33	13.37	13.35		50/49	13.50	13.39	13.43	13.39
	75/0	13.50	13.32	13.34	13.41		100/0	13.50	13.38	13.42	13.42
64QAM	1/0	13.50	13.31	13.39	13.33	64QAM	1/0	13.50	13.39	13.41	13.38
256QAM	1/0	11.50	11.33	11.32	11.36	256QAM	1/0	11.50	11.37	11.40	11.39

LTE Band 71

P-sensor off

LTE B71/BW=5M		Average Conducted Power(dBm)				LTE B71/BW=10M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			133147/ 665.5	133247/ 675.5	133447/ 695.5				133172/ 668	133247/ 675.5	133422/ 693
QPSK	1/0	24.00	23.17	23.33	23.07	QPSK	1/0	24.00	23.20	23.36	23.09
	1/12	24.00	23.12	23.29	23.02		1/24	24.00	23.14	23.31	23.04
	1/24	24.00	23.15	23.27	23.04		1/49	24.00	23.17	23.34	23.03
	12/0	23.00	22.08	22.28	22.03		25/0	23.00	22.11	22.33	22.07
	12/6	23.00	22.08	22.30	22.00		25/12	23.00	22.11	22.33	22.03
	12/11	23.00	22.16	22.31	22.02		25/24	23.00	22.14	22.33	22.08
	25/0	23.00	22.09	22.27	22.05		50/0	23.00	22.18	22.27	22.06
16QAM	1/0	23.00	21.27	21.29	21.12	16QAM	1/0	23.00	21.32	21.38	21.17
	1/12	22.00	21.18	21.24	21.04		1/24	22.00	21.24	21.30	21.08
	1/24	22.00	21.21	21.25	21.09		1/49	22.00	21.27	21.30	21.11
	12/0	21.00	20.21	20.22	20.03		25/0	21.00	20.23	20.32	20.09
	12/6	21.00	20.19	20.21	20.07		25/12	21.00	20.24	20.37	20.16
	12/11	21.00	20.17	20.19	20.09		25/24	21.00	20.29	20.34	20.16
	25/0	21.00	20.27	20.20	20.06		50/0	21.00	20.30	20.35	20.10
64QAM	1/0	21.00	20.42	20.37	20.21	64QAM	1/0	21.00	20.43	20.40	20.25
256QAM	1/0	20.00	19.49	19.23	19.27	256QAM	1/0	20.00	19.54	19.30	19.34

LTE B71/BW=15M		Average Conducted Power(dBm)				LTE B71/BW=20M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			133197/ 670.5	133247/ 675.5	133397/ 690.5				133222/ 673	133247/ 675.5	133372/ 688
QPSK	1/0	24.00	23.22	23.43	23.17	QPSK	1/0	24.00	23.45	23.48	23.30
	1/37	24.00	23.14	23.36	23.10		1/49	24.00	23.28	23.34	23.26
	1/74	24.00	23.21	23.36	23.12		1/99	24.00	23.24	23.36	23.28
	36/0	23.00	22.19	22.39	22.16		50/0	23.00	22.39	22.47	22.38
	36/18	23.00	22.14	22.37	22.15		50/24	23.00	22.26	22.48	22.30
	36/35	23.00	22.15	22.40	22.11		50/49	23.00	22.37	22.46	22.33
	75/0	23.00	22.12	22.43	22.12		100/0	23.00	22.54	22.39	22.39
16QAM	1/0	23.00	21.33	21.41	21.22	16QAM	1/0	23.00	21.58	21.47	21.34
	1/37	22.00	21.27	21.39	21.17		1/49	22.00	21.49	21.43	21.31
	1/74	22.00	21.27	21.33	21.19		1/99	22.00	21.56	21.38	21.29
	36/0	21.00	20.32	20.39	20.19		50/0	21.00	20.54	20.41	20.26
	36/18	21.00	20.32	20.38	20.18		50/24	21.00	20.57	20.44	20.30
	36/35	21.00	20.31	20.31	20.13		50/49	21.00	20.50	20.40	20.32
	75/0	21.00	20.24	20.39	20.17		100/0	21.00	20.53	20.45	20.31
64QAM	1/0	21.00	20.46	20.44	20.28	64QAM	1/0	21.00	20.52	20.49	20.35
256QAM	1/0	20.00	19.58	19.37	19.37	256QAM	1/0	20.00	19.60	19.43	19.45

P-sensor on

LTE B71/BW=5M		Average Conducted Power(dBm)				LTE B71/BW=10M		Average Conducted Power(dBm)			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			133147/ 665.5	133247/ 675.5	133447/ 695.5				133172/ 668	133247/ 675.5	133422/ 693
QPSK	1/0	22.50	22.09	22.21	22.13	QPSK	1/0	22.50	22.18	22.22	22.16
	1/12	22.50	22.04	22.00	22.09		1/24	22.50	22.11	22.09	22.14
	1/24	22.50	22.17	22.20	22.04		1/49	22.50	22.23	22.22	22.09
	12/0	21.50	20.98	21.14	21.01		25/0	21.50	21.06	21.19	21.08
	12/6	21.50	21.03	21.10	21.09		25/12	21.50	21.06	21.16	21.11
	12/11	21.50	21.00	21.07	20.96		25/24	21.50	21.02	21.10	21.03
	25/0	21.50	21.10	21.20	21.15		50/0	21.50	21.15	21.22	21.24
16QAM	1/0	21.50	21.15	20.98	20.99	16QAM	1/0	21.50	21.22	21.06	21.04
	1/12	21.50	21.07	21.23	21.07		1/24	21.50	21.11	21.25	21.14
	1/24	21.50	21.14	21.09	21.07		1/49	21.50	21.17	21.15	21.16
	12/0	20.50	20.08	20.15	20.09		25/0	20.50	20.17	20.17	20.16
	12/6	20.50	20.08	20.09	20.04		25/12	20.50	20.17	20.16	20.12
	12/11	20.50	20.10	20.10	20.02		25/24	20.50	20.14	20.13	20.08
	25/0	20.50	20.13	20.03	20.13		50/0	20.50	20.16	20.12	20.15
64QAM	1/0	20.50	20.09	20.07	20.05	64QAM	1/0	20.50	20.15	20.12	20.08
256QAM	1/0	18.50	18.10	18.07	17.98	256QAM	1/0	18.50	18.13	18.15	18.06
LTE B71/BW=15M		**Average Conducted Power(dBm)**				**LTE B71/BW=20M**		**Average Conducted Power(dBm)**			
Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)			Modula-tion	RB Size/ Offset	Max. Tune-up (dBm)	Channel/Frequency(MHz)		
			133197/ 670.5	133247/ 675.5	133397/ 690.5				133222/ 673	133247/ 675.5	133372/ 688
QPSK	1/0	22.50	22.22	22.30	22.23	QPSK	1/0	22.50	22.30	22.31	22.28
	1/37	22.50	22.19	22.15	22.20		1/49	22.50	22.26	22.24	22.23
	1/74	22.50	22.25	22.24	22.15		1/99	22.50	22.26	22.27	22.19
	36/0	21.50	21.12	21.26	21.17		50/0	21.50	21.14	21.29	21.21
	36/18	21.50	21.07	21.18	21.12		50/24	21.50	21.09	21.25	21.14
	36/35	21.50	21.05	21.16	21.07		50/49	21.50	21.13	21.22	21.14
	75/0	21.50	21.19	21.23	21.25		100/0	21.50	21.26	21.28	21.28
16QAM	1/0	21.50	21.25	21.15	21.12	16QAM	1/0	21.50	21.28	21.24	21.19
	1/37	21.50	21.20	21.26	21.16		1/49	21.50	21.23	21.27	21.24
	1/74	21.50	21.24	21.16	21.18		1/99	21.50	21.26	21.24	21.24
	36/0	20.50	20.18	20.19	20.21		50/0	20.50	20.26	20.25	20.23
	36/18	20.50	20.19	20.20	20.20		50/24	20.50	20.25	20.27	20.21
	36/35	20.50	20.20	20.18	20.11		50/49	20.50	20.26	20.22	20.20
	75/0	20.50	20.21	20.20	20.19		100/0	20.50	20.23	20.26	20.23
64QAM	1/0	20.50	20.22	20.20	20.11	64QAM	1/0	20.50	20.29	20.25	20.20
256QAM	1/0	18.50	18.15	18.23	18.11	256QAM	1/0	18.50	18.22	18.29	18.20

9.3 CONDUCTED POWER MEASUREMENTS OF 5G NR Band

NR n2

P-sensor off

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
2	5	370500	1852.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.92
		376000	1880.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.98
		381500	1907.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.81
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
2	10	371000	1855.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.96
		376000	1880.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.02
		381000	1905.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.90
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
2	15	371500	1857.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.99
		376000	1880.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.12
		380500	1902.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.96
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
2	20	372000	1860.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.05
		376000	1880.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.20
		380000	1900.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.05
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
2	25	372500	1862.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.06
		376000	1880.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.27
		379500	1897.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.09
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
2	30	373000	1865.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.95
					80	0	23.00	21.88
					160	0	23.00	21.87
				DFT-s-OFDM QPSK	1	1	24.00	23.08
					80	0	23.00	22.07
					160	0	23.00	22.05
				DFT-s-OFDM 16QAM	1	1	23.00	22.32
					80	0	22.00	21.24
					160	0	22.00	21.23
				DFT-s-OFDM 64QAM	1	1	21.50	20.76
					80	0	20.50	19.66
					160	0	20.50	19.68
				DFT-s-OFDM 256QAM	1	1	19.50	18.63
					80	0	18.50	17.62
					160	0	18.50	17.58
				CP-OFDM QPSK	1	1	22.50	21.62
					80	0	21.50	20.58
					160	0	21.50	20.58
		376000	1880.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.14
					80	0	23.00	22.12
					160	0	23.00	22.10
				DFT-s-OFDM QPSK	1	1	24.00	23.29
					80	0	23.00	22.25
					160	0	23.00	22.28
				DFT-s-OFDM 16QAM	1	1	23.00	22.37
					80	0	22.00	21.37
					160	0	22.00	21.30
				DFT-s-OFDM 64QAM	1	1	21.50	20.82
					80	0	20.50	19.77
					160	0	20.50	19.74
				DFT-s-OFDM 256QAM	1	1	19.50	18.81
					80	0	18.50	17.76
					160	0	18.50	17.76
				CP-OFDM QPSK	1	1	22.50	21.68
					80	0	21.50	20.67
					160	0	21.50	20.59
		379000	1895.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.04
					80	0	23.00	21.96
					160	0	23.00	21.99
				DFT-s-OFDM QPSK	1	1	24.00	23.14
					80	0	23.00	22.23
					160	0	23.00	22.31
				DFT-s-OFDM 16QAM	1	1	23.00	22.31
					80	0	22.00	21.26
					160	0	22.00	21.26
				DFT-s-OFDM 64QAM	1	1	21.50	20.78
					80	0	20.50	19.73
					160	0	20.50	19.74
				DFT-s-OFDM 256QAM	1	1	19.50	18.68
					80	0	18.50	17.63
					160	0	18.50	17.61
				CP-OFDM QPSK	1	1	22.50	21.74
					80	0	21.50	20.65
					160	0	21.50	20.71

P-sensor on

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
2	5	370500	1852.5	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.56
		376000	1880.0	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.69
		381500	1907.5	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.40
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
2	10	371000	1855.0	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.63
		376000	1880.0	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.70
		381000	1905.0	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.43
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
2	15	371500	1857.5	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.67
		376000	1880.0	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.74
		380500	1902.5	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.43
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
2	20	372000	1860.0	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.72
		376000	1880.0	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.75
		380000	1900.0	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.46
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
2	25	372500	1862.5	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.76
		376000	1880.0	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.81
		379500	1897.5	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.46
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
2	30	373000	1865.0	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.76
					80	0	17.00	16.74
					160	0	17.00	16.73
				DFT-s-OFDM QPSK	1	1	18.00	17.82
					80	0	17.00	16.81
					160	0	17.00	16.80
				DFT-s-OFDM 16QAM	1	1	17.00	16.82
					80	0	16.00	15.74
					160	0	16.00	15.75
				DFT-s-OFDM 64QAM	1	1	15.50	15.31
					80	0	14.50	14.29
					160	0	14.50	14.21
				DFT-s-OFDM 256QAM	1	1	13.50	13.24
					80	0	12.50	12.23
					160	0	12.50	12.22
				CP-OFDM QPSK	1	1	16.50	16.26
					80	0	15.50	15.24
					160	0	15.50	15.24
		376000	1880.0	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.83
					80	0	17.00	16.95
					160	0	17.00	16.71
				DFT-s-OFDM QPSK	1	1	18.00	17.85
					80	0	17.00	16.96
					160	0	17.00	16.73
				DFT-s-OFDM 16QAM	1	1	17.00	16.77
					80	0	16.00	15.92
					160	0	16.00	15.69
				DFT-s-OFDM 64QAM	1	1	15.50	15.34
					80	0	14.50	14.45
					160	0	14.50	14.16
				DFT-s-OFDM 256QAM	1	1	13.50	13.34
					80	0	12.50	12.42
					160	0	12.50	12.13
				CP-OFDM QPSK	1	1	16.50	16.34
					80	0	15.50	15.43
					160	0	15.50	15.17
		379000	1895.0	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.52
					80	0	17.00	16.64
					160	0	17.00	16.39
				DFT-s-OFDM QPSK	1	1	18.00	17.53
					80	0	17.00	16.70
					160	0	17.00	16.46
				DFT-s-OFDM 16QAM	1	1	17.00	16.51
					80	0	16.00	15.62
					160	0	16.00	15.38
				DFT-s-OFDM 64QAM	1	1	15.50	14.95
					80	0	14.50	14.19
					160	0	14.50	13.91
				DFT-s-OFDM 256QAM	1	1	13.50	12.97
					80	0	12.50	12.11
					160	0	12.50	11.86
				CP-OFDM QPSK	1	1	16.50	16.02
					80	0	15.50	15.18
					160	0	15.50	14.93

NR n5

P-sensor off

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
5	5	165300	826.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.96
		167300	836.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.93
		169300	846.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.87
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
5	10	165800	829.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.98
		167300	836.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.98
		168800	844.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.93
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
5	15	166300	831.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.99
		167300	836.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.99
		168300	841.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.01
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
5	20	166800	834.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.05
		167300	836.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.04
		167800	839.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.03
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
5	25	167300	836.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.88
					64	0	23.00	21.83
					128	0	23.00	21.85
				DFT-s-OFDM QPSK	1	1	24.00	23.07
					64	0	23.00	22.28
					128	0	23.00	22.34
				DFT-s-OFDM 16QAM	1	1	23.00	22.09
					64	0	22.00	21.00
					128	0	22.00	20.99
				DFT-s-OFDM 64QAM	1	1	21.50	20.77
					64	0	20.50	19.77
					128	0	20.50	19.74
				DFT-s-OFDM 256QAM	1	1	19.50	18.64
					64	0	18.50	17.58
					128	0	18.50	17.55
				CP-OFDM QPSK	1	1	22.50	21.67
					64	0	21.50	20.65
					128	0	21.50	20.62

P-sensor on

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
5	5	165300	826.5	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.53
		167300	836.5	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.63
		169300	846.5	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.58
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
5	10	165800	829.0	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.60
		167300	836.5	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.67
		168800	844.0	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.66
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
5	15	166300	831.5	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.67
		167300	836.5	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.71
		168300	841.5	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.70
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
5	20	166800	834.0	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.73
		167300	836.5	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.73
		167800	839.0	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.72
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
5	25	167300	836.5	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.75
					64	0	20.00	19.83
					128	0	20.00	19.94
				DFT-s-OFDM QPSK	1	1	21.00	20.76
					64	0	20.00	19.90
					128	0	20.00	19.98
				DFT-s-OFDM 16QAM	1	1	20.00	19.75
					64	0	19.00	18.89
					128	0	19.00	18.92
				DFT-s-OFDM 64QAM	1	1	18.50	18.17
					64	0	17.50	17.31
					128	0	17.50	17.45
				DFT-s-OFDM 256QAM	1	1	16.50	16.18
					64	0	15.50	15.33
					128	0	15.50	15.46
				CP-OFDM QPSK	1	1	19.50	19.18
					64	0	18.50	18.32
					128	0	18.50	18.45

NR n7

P-sensor off

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
7	5	500500	2502.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.91
		507000	2535.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.17
		513500	2567.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.93
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
7	10	501000	2505.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.96
		507000	2535.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.19
		513000	2565.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.98
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
7	15	501500	2507.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.05
		507000	2535.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.25
		512500	2562.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.01
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
7	20	502000	2510.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.09
		507000	2535.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.27
		512000	2560.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.03
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
7	25	502500	2512.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.11
		507000	2535.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.32
		511500	255705.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.07
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
7	30	503000	2515.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.19
		507000	2535.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.38
		511000	2555.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.10
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
7	40	504000	2520.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.27
		507000	2535.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.40
		510000	2550.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.19
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
7	50	505000	2525.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.18
					135	0	23.00	22.14
					270	0	23.00	22.14
				DFT-s-OFDM QPSK	1	1	24.00	23.39
					135	0	23.00	22.42
					270	0	23.00	22.40
				DFT-s-OFDM 16QAM	1	1	23.00	22.42
					135	0	22.00	21.32
					270	0	22.00	21.42
				DFT-s-OFDM 64QAM	1	1	21.50	20.88
					135	0	20.50	19.87
					270	0	20.50	19.80
				DFT-s-OFDM 256QAM	1	1	19.50	18.86
					135	0	18.50	17.86
					270	0	18.50	17.77
				CP-OFDM QPSK	1	1	22.50	21.87
					135	0	21.50	20.82
					270	0	21.50	20.80
		507000	2535.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.37
					135	0	23.00	22.32
					270	0	23.00	22.29
				DFT-s-OFDM QPSK	1	1	24.00	23.48
					135	0	23.00	22.39
					270	0	23.00	22.45
				DFT-s-OFDM 16QAM	1	1	23.00	22.52
					135	0	22.00	21.50
					270	0	22.00	21.51
				DFT-s-OFDM 64QAM	1	1	21.50	21.09
					135	0	20.50	20.03
					270	0	20.50	20.04
				DFT-s-OFDM 256QAM	1	1	19.50	19.09
					135	0	18.50	18.00
					270	0	18.50	17.99
				CP-OFDM QPSK	1	1	22.50	21.99
					135	0	21.50	20.91
					270	0	21.50	20.93
		509000	2545.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.07
					135	0	23.00	22.00
					270	0	23.00	22.06
				DFT-s-OFDM QPSK	1	1	24.00	23.22
					135	0	23.00	22.35
					270	0	23.00	22.21
				DFT-s-OFDM 16QAM	1	1	23.00	22.25
					135	0	22.00	21.24
					270	0	22.00	21.17
				DFT-s-OFDM 64QAM	1	1	21.50	20.74
					135	0	20.50	19.69
					270	0	20.50	19.74
				DFT-s-OFDM 256QAM	1	1	19.50	20.85
					135	0	18.50	19.81
					270	0	18.50	19.81
				CP-OFDM QPSK	1	1	22.50	21.76
					135	0	21.50	20.73
					270	0	21.50	20.70

P-sensor on

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
7	5	500500	2502.5	DFT-s-OFDM PI/2 BPSK	1	1	12.00	11.09
		507000	2535.0	DFT-s-OFDM PI/2 BPSK	1	1	12.00	11.29
		513500	2567.5	DFT-s-OFDM PI/2 BPSK	1	1	12.00	11.25
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
7	10	501000	2505.0	DFT-s-OFDM PI/2 BPSK	1	1	12.00	11.14
		507000	2535.0	DFT-s-OFDM PI/2 BPSK	1	1	12.00	11.31
		513000	2565.0	DFT-s-OFDM PI/2 BPSK	1	1	12.00	11.30
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
7	15	501500	2507.5	DFT-s-OFDM PI/2 BPSK	1	1	12.00	11.23
		507000	2535.0	DFT-s-OFDM PI/2 BPSK	1	1	12.00	11.37
		512500	2562.5	DFT-s-OFDM PI/2 BPSK	1	1	12.00	11.33
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
7	20	502000	2510.0	DFT-s-OFDM PI/2 BPSK	1	1	12.00	11.27
		507000	2535.0	DFT-s-OFDM PI/2 BPSK	1	1	12.00	11.39
		512000	2560.0	DFT-s-OFDM PI/2 BPSK	1	1	12.00	11.35
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
7	25	502500	2512.5	DFT-s-OFDM PI/2 BPSK	1	1	12.00	11.29
		507000	2535.0	DFT-s-OFDM PI/2 BPSK	1	1	12.00	11.44
		511500	255705.0	DFT-s-OFDM PI/2 BPSK	1	1	12.00	11.39
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
7	30	503000	2515.0	DFT-s-OFDM PI/2 BPSK	1	1	12.00	11.37
		507000	2535.0	DFT-s-OFDM PI/2 BPSK	1	1	12.00	11.50
		511000	2555.0	DFT-s-OFDM PI/2 BPSK	1	1	12.00	11.42
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
7	40	504000	2520.0	DFT-s-OFDM PI/2 BPSK	1	1	12.00	11.45
		507000	2535.0	DFT-s-OFDM PI/2 BPSK	1	1	12.00	11.52
		510000	2550.0	DFT-s-OFDM PI/2 BPSK	1	1	12.00	11.51
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
7	50	505000	2525.0	DFT-s-OFDM PI/2 BPSK	1	1	12.00	11.56
					135	0	11.00	10.50
					270	0	11.00	10.42
				DFT-s-OFDM QPSK	1	1	12.00	11.57
					135	0	11.00	10.55
					270	0	11.00	10.48
				DFT-s-OFDM 16QAM	1	1	11.00	10.53
					135	0	10.00	9.49
					270	0	10.00	9.47
				DFT-s-OFDM 64QAM	1	1	9.50	8.99
					135	0	8.50	8.01
					270	0	8.50	7.88
				DFT-s-OFDM 256QAM	1	1	7.50	6.98
					135	0	6.50	5.99
					270	0	6.50	5.90
				CP-OFDM QPSK	1	1	10.50	10.04
					135	0	9.50	9.03
					270	0	9.50	8.98
		507000	2535.0	DFT-s-OFDM PI/2 BPSK	1	1	12.00	11.52
					135	0	11.00	10.57
					270	0	11.00	10.63
				DFT-s-OFDM QPSK	1	1	12.00	11.60
					135	0	11.00	10.65
					270	0	11.00	10.66
				DFT-s-OFDM 16QAM	1	1	11.00	10.56
					135	0	10.00	9.62
					270	0	10.00	9.62
				DFT-s-OFDM 64QAM	1	1	9.50	9.04
					135	0	8.50	8.08
					270	0	8.50	8.11
				DFT-s-OFDM 256QAM	1	1	7.50	7.05
					135	0	6.50	6.06
					270	0	6.50	6.16
				CP-OFDM QPSK	1	1	10.50	10.09
					135	0	9.50	9.13
					270	0	9.50	9.11
		509000	2545.0	DFT-s-OFDM PI/2 BPSK	1	1	12.00	11.50
					135	0	11.00	10.63
					270	0	11.00	10.41
				DFT-s-OFDM QPSK	1	1	12.00	11.54
					135	0	11.00	10.64
					270	0	11.00	10.49
				DFT-s-OFDM 16QAM	1	1	11.00	10.51
					135	0	10.00	9.63
					270	0	10.00	9.44
				DFT-s-OFDM 64QAM	1	1	9.50	9.01
					135	0	8.50	8.05
					270	0	8.50	7.94
				DFT-s-OFDM 256QAM	1	1	7.50	7.02
					135	0	6.50	6.12
					270	0	6.50	5.93
				CP-OFDM QPSK	1	1	10.50	9.95
					135	0	9.50	9.05
					270	0	9.50	8.90

NR n12

P-sensor off

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
12	5	140300	701.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.84
		41500	707.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.99
		42700	713.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.01
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
12	10	140800	713.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.93
		141500	707.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.04
		142200	711.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.06
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
12	15	141300	706.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.00
					36	0	23.00	21.93
					75	0	23.00	21.98
				DFT-s-OFDM QPSK	1	1	24.00	23.09
					36	0	23.00	22.35
					75	0	23.00	22.41
				DFT-s-OFDM 16QAM	1	1	23.00	22.26
					36	0	22.00	21.18
					75	0	22.00	21.26
				DFT-s-OFDM 64QAM	1	1	21.50	20.63
					36	0	20.50	19.62
					75	0	20.50	19.58
				DFT-s-OFDM 256QAM	1	1	19.50	18.65
					36	0	18.50	17.58
					75	0	18.50	17.60
				CP-OFDM QPSK	1	1	22.50	21.67
					36	0	21.50	20.66
					75	0	21.50	20.62
		141500	707.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.01
					36	0	23.00	21.94
					75	0	23.00	21.99
				DFT-s-OFDM QPSK	1	1	24.00	23.12
					36	0	23.00	22.32
					75	0	23.00	22.28
				DFT-s-OFDM 16QAM	1	1	23.00	22.24
					36	0	22.00	21.21
					75	0	22.00	21.22
				DFT-s-OFDM 64QAM	1	1	21.50	20.68
					36	0	20.50	19.62
					75	0	20.50	19.62
				DFT-s-OFDM 256QAM	1	1	19.50	18.66
					36	0	18.50	17.58
					75	0	18.50	17.59
				CP-OFDM QPSK	1	1	22.50	21.69
					36	0	21.50	20.62
					75	0	21.50	20.67
		141700	708.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.95
					36	0	23.00	21.93
					75	0	23.00	21.92
				DFT-s-OFDM QPSK	1	1	24.00	23.10
					36	0	23.00	22.35
					75	0	23.00	22.42
				DFT-s-OFDM 16QAM	1	1	23.00	21.95
					36	0	22.00	20.88
					75	0	22.00	20.95
				DFT-s-OFDM 64QAM	1	1	21.50	20.73
					36	0	20.50	19.66
					75	0	20.50	19.70
				DFT-s-OFDM 256QAM	1	1	19.50	18.68
					36	0	18.50	17.66
					75	0	18.50	17.67
				CP-OFDM QPSK	1	1	22.50	21.61
					36	0	21.50	20.53
					75	0	21.50	20.54

P-sensor on

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
12	5	140300	701.5	DFT-s-OFDM PI/2 BPSK	1	1	22.50	22.01
		41500	707.5	DFT-s-OFDM PI/2 BPSK	1	1	22.50	22.25
		42700	713.5	DFT-s-OFDM PI/2 BPSK	1	1	22.50	22.11
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
12	10	140800	713.5	DFT-s-OFDM PI/2 BPSK	1	1	22.50	22.10
		141500	707.5	DFT-s-OFDM PI/2 BPSK	1	1	22.50	22.30
		142200	711.0	DFT-s-OFDM PI/2 BPSK	1	1	22.50	22.16
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
12	15	141300	706.5	DFT-s-OFDM PI/2 BPSK	1	1	22.50	22.21
					36	0	21.50	21.25
					75	0	21.50	21.23
				DFT-s-OFDM QPSK	1	1	22.50	22.26
					36	0	21.50	21.30
					75	0	21.50	21.23
				DFT-s-OFDM 16QAM	1	1	21.50	21.24
					36	0	20.50	20.20
					75	0	20.50	20.21
				DFT-s-OFDM 64QAM	1	1	20.00	19.69
					36	0	19.00	18.74
					75	0	19.00	18.63
				DFT-s-OFDM 256QAM	1	1	18.00	17.71
					36	0	17.00	16.74
					75	0	17.00	16.63
				CP-OFDM QPSK	1	1	21.00	20.70
					36	0	20.00	19.71
					75	0	20.00	19.67
		141500	707.5	DFT-s-OFDM PI/2 BPSK	1	1	22.50	22.31
					36	0	21.50	21.27
					75	0	21.50	21.29
				DFT-s-OFDM QPSK	1	1	22.50	22.38
					36	0	21.50	21.33
					75	0	21.50	21.29
				DFT-s-OFDM 16QAM	1	1	21.50	21.35
					36	0	20.50	20.29
					75	0	20.50	20.28
				DFT-s-OFDM 64QAM	1	1	20.00	19.82
					36	0	19.00	18.74
					75	0	19.00	18.69
				DFT-s-OFDM 256QAM	1	1	18.00	17.78
					36	0	17.00	16.74
					75	0	17.00	16.71
				CP-OFDM QPSK	1	1	21.00	20.85
					36	0	20.00	19.75
					75	0	20.00	19.70
		141700	708.5	DFT-s-OFDM PI/2 BPSK	1	1	22.50	22.19
					36	0	21.50	21.26
					75	0	21.50	21.07
				DFT-s-OFDM QPSK	1	1	22.50	22.20
					36	0	21.50	21.32
					75	0	21.50	21.15
				DFT-s-OFDM 16QAM	1	1	21.50	21.14
					36	0	20.50	20.24
					75	0	20.50	20.12
				DFT-s-OFDM 64QAM	1	1	20.00	19.62
					36	0	19.00	18.74
					75	0	19.00	18.63
				DFT-s-OFDM 256QAM	1	1	18.00	17.67
					36	0	17.00	16.75
					75	0	17.00	16.65
				CP-OFDM QPSK	1	1	21.00	20.70
					36	0	20.00	19.79
					75	0	20.00	19.61

NR n14

P-sensor off

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
14	5	158100	790.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.10
		158600	793.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.12
		159100	795.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.10
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
14	10	158600	793.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.00
					25	0	23.00	21.99
					50	0	23.00	21.96
				DFT-s-OFDM QPSK	1	1	24.00	23.15
					25	0	23.00	22.35
					50	0	23.00	22.29
				DFT-s-OFDM 16QAM	1	1	23.00	22.33
					25	0	22.00	21.30
					50	0	22.00	21.29
				DFT-s-OFDM 64QAM	1	1	21.50	20.81
					25	0	20.50	19.74
					50	0	20.50	19.72
				DFT-s-OFDM 256QAM	1	1	19.50	18.66
					25	0	18.50	17.66
					50	0	18.50	17.57
				CP-OFDM QPSK	1	1	22.50	21.71
					25	0	21.50	20.65
					50	0	21.50	20.66

P-sensor on

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
14	5	158100	790.5	DFT-s-OFDM PI/2 BPSK	1	1	21.50	21.29
		158600	793.0	DFT-s-OFDM PI/2 BPSK	1	1	21.50	21.31
		159100	795.5	DFT-s-OFDM PI/2 BPSK	1	1	21.50	21.29
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
14	10	158600	793.0	DFT-s-OFDM PI/2 BPSK	1	1	21.50	21.33
					25	0	20.50	20.37
					50	0	20.50	20.36
				DFT-s-OFDM QPSK	1	1	21.50	21.34
					25	0	20.50	20.38
					50	0	20.50	20.37
				DFT-s-OFDM 16QAM	1	1	20.50	20.25
					25	0	19.50	19.36
					50	0	19.50	19.33
				DFT-s-OFDM 64QAM	1	1	19.00	18.81
					25	0	18.00	17.79
					50	0	18.00	17.87
				DFT-s-OFDM 256QAM	1	1	17.00	16.80
					25	0	16.00	15.79
					50	0	16.00	15.83
				CP-OFDM QPSK	1	1	20.00	19.83
					25	0	19.00	18.88
					50	0	19.00	18.78

NR n25

P-sensor off

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
25	5	370500	1852.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.99
		376500	1882.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.02
		382500	1912.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.92
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
25	10	371000	1855.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.05
		376500	1882.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.08
		382000	1910.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.98
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
25	15	371500	1857.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.06
		376500	1882.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.26
		381500	1907.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.08
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
25	20	372000	1860.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.09
		376500	1882.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.28
		381000	1905.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.10
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
25	25	372500	1862.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.17
		376500	1882.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.29
		380500	1902.6	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.18
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
25	30	373000	1865.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.24
		376500	1882.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.31
		380000	1900.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.20
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
25	35	373500	1867.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.29
		376500	1882.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.40
		379500	1897.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.25
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
25	40	373500	1867.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.34
		376500	1882.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.41
		379500	1897.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.29
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
25	45	374500	1872.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.25
					120	0	23.00	22.22
					240	0	23.00	22.21
				DFT-s-OFDM QPSK	1	1	24.00	23.40
					120	0	23.00	22.36
					240	0	23.00	22.37
				DFT-s-OFDM 16QAM	1	1	23.00	22.46
					120	0	22.00	21.40
					240	0	22.00	21.38
				DFT-s-OFDM 64QAM	1	1	21.50	20.92
					120	0	20.50	19.90
					240	0	20.50	19.84
				DFT-s-OFDM 256QAM	1	1	19.50	18.96
					120	0	18.50	17.91
					240	0	18.50	17.89
				CP-OFDM QPSK	1	1	22.50	22.01
					120	0	21.50	20.98
					240	0	21.50	20.96
		376500	1882.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.33
					120	0	23.00	22.25
					240	0	23.00	22.31
				DFT-s-OFDM QPSK	1	1	24.00	23.45
					120	0	23.00	22.35
					240	0	23.00	22.41
				DFT-s-OFDM 16QAM	1	1	23.00	22.37
					120	0	22.00	21.28
					240	0	22.00	21.32
				DFT-s-OFDM 64QAM	1	1	21.50	21.12
					120	0	20.50	20.05
					240	0	20.50	20.10
				DFT-s-OFDM 256QAM	1	1	19.50	18.98
					120	0	18.50	17.97
					240	0	18.50	17.91
				CP-OFDM QPSK	1	1	22.50	21.98
					120	0	21.50	20.95
					240	0	21.50	20.90
		378500	1892.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.24
					120	0	23.00	22.17
					240	0	23.00	22.20
				DFT-s-OFDM QPSK	1	1	24.00	23.35
					120	0	23.00	22.21
					240	0	23.00	22.18
				DFT-s-OFDM 16QAM	1	1	23.00	22.43
					120	0	22.00	21.36
					240	0	22.00	21.37
				DFT-s-OFDM 64QAM	1	1	21.50	20.91
					120	0	20.50	19.85
					240	0	20.50	19.84
				DFT-s-OFDM 256QAM	1	1	19.50	18.96
					120	0	18.50	17.93
					240	0	18.50	17.91
				CP-OFDM QPSK	1	1	22.50	21.97
					120	0	21.50	20.87
					240	0	21.50	20.95

P-sensor on

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
25	5	370500	1852.5	DFT-s-OFDM PI/2 BPSK	1	1	17.50	16.64
		376500	1882.5	DFT-s-OFDM PI/2 BPSK	1	1	17.50	17.01
		382500	1912.5	DFT-s-OFDM PI/2 BPSK	1	1	17.50	16.72
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
25	10	371000	1855.0	DFT-s-OFDM PI/2 BPSK	1	1	17.50	16.70
		376500	1882.5	DFT-s-OFDM PI/2 BPSK	1	1	17.50	17.07
		382000	1910.0	DFT-s-OFDM PI/2 BPSK	1	1	17.50	16.78
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
25	15	371500	1857.5	DFT-s-OFDM PI/2 BPSK	1	1	17.50	16.71
		376500	1882.5	DFT-s-OFDM PI/2 BPSK	1	1	17.50	17.25
		381500	1907.5	DFT-s-OFDM PI/2 BPSK	1	1	17.50	16.88
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
25	20	372000	1860.0	DFT-s-OFDM PI/2 BPSK	1	1	17.50	16.74
		376500	1882.5	DFT-s-OFDM PI/2 BPSK	1	1	17.50	17.27
		381000	1905.0	DFT-s-OFDM PI/2 BPSK	1	1	17.50	16.90
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
25	25	372500	1862.5	DFT-s-OFDM PI/2 BPSK	1	1	17.50	16.82
		376500	1882.5	DFT-s-OFDM PI/2 BPSK	1	1	17.50	17.28
		380500	1902.6	DFT-s-OFDM PI/2 BPSK	1	1	17.50	16.98
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
25	30	373000	1865.0	DFT-s-OFDM PI/2 BPSK	1	1	17.50	16.89
		376500	1882.5	DFT-s-OFDM PI/2 BPSK	1	1	17.50	17.30
		380000	1900.0	DFT-s-OFDM PI/2 BPSK	1	1	17.50	17.00
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
25	35	373500	1867.5	DFT-s-OFDM PI/2 BPSK	1	1	17.50	16.94
		376500	1882.5	DFT-s-OFDM PI/2 BPSK	1	1	17.50	17.39
		379500	1897.5	DFT-s-OFDM PI/2 BPSK	1	1	17.50	17.05
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
25	40	373500	1867.5	DFT-s-OFDM PI/2 BPSK	1	1	17.50	16.99
		376500	1882.5	DFT-s-OFDM PI/2 BPSK	1	1	17.50	17.40
		379500	1897.5	DFT-s-OFDM PI/2 BPSK	1	1	17.50	17.09
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
25	45	374500	1872.5	DFT-s-OFDM PI/2 BPSK	1	1	17.50	17.00
					120	0	16.50	16.31
					240	0	16.50	15.91
				DFT-s-OFDM QPSK	1	1	17.50	17.05
					120	0	16.50	16.38
					240	0	16.50	15.96
				DFT-s-OFDM 16QAM	1	1	16.50	16.04
					120	0	15.50	15.33
					240	0	15.50	14.90
				DFT-s-OFDM 64QAM	1	1	15.00	14.48
					120	0	14.00	13.82
					240	0	14.00	13.43
				DFT-s-OFDM 256QAM	1	1	13.00	12.54
					120	0	12.00	11.83
					240	0	12.00	11.43
				CP-OFDM QPSK	1	1	16.00	15.47
					120	0	15.00	14.86
					240	0	15.00	14.41
		376500	1882.5	DFT-s-OFDM PI/2 BPSK	1	1	17.50	17.44
					120	0	16.50	16.45
					240	0	16.50	16.39
				DFT-s-OFDM QPSK	1	1	17.50	17.44
					120	0	16.50	16.49
					240	0	16.50	16.42
				DFT-s-OFDM 16QAM	1	1	16.50	16.37
					120	0	15.50	15.46
					240	0	15.50	15.34
				DFT-s-OFDM 64QAM	1	1	15.00	14.94
					120	0	14.00	13.96
					240	0	14.00	13.90
				DFT-s-OFDM 256QAM	1	1	13.00	12.92
					120	0	12.00	11.98
					240	0	12.00	11.91
				CP-OFDM QPSK	1	1	16.00	15.90
					120	0	15.00	14.99
					240	0	15.00	14.83
		378500	1892.5	DFT-s-OFDM PI/2 BPSK	1	1	17.50	17.12
					120	0	16.50	16.30
					240	0	16.50	16.03
				DFT-s-OFDM QPSK	1	1	17.50	17.15
					120	0	16.50	16.32
					240	0	16.50	16.05
				DFT-s-OFDM 16QAM	1	1	16.50	16.08
					120	0	15.50	15.27
					240	0	15.50	14.97
				DFT-s-OFDM 64QAM	1	1	15.00	14.62
					120	0	14.00	13.80
					240	0	14.00	13.50
				DFT-s-OFDM 256QAM	1	1	13.00	12.60
					120	0	12.00	11.79
					240	0	12.00	11.51
				CP-OFDM QPSK	1	1	16.00	15.61
					120	0	15.00	14.74
					240	0	15.00	14.54

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P-sensor off

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
26	5	163300	816.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.80
		163800	819.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.72
		164300	821.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.77
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
26	10	163800	819.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.82
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
26	15	164300	821.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.85
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
26	20	164800	824.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.76
					64	0	23.00	21.74
					128	0	23.00	21.73
				DFT-s-OFDM QPSK	1	1	24.00	22.92
					64	0	23.00	21.89
					128	0	23.00	21.88
				DFT-s-OFDM 16QAM	1	1	23.00	22.04
					64	0	22.00	20.95
					128	0	22.00	20.98
				DFT-s-OFDM 64QAM	1	1	21.50	20.56
					64	0	20.50	19.48
					128	0	20.50	19.46
				DFT-s-OFDM 256QAM	1	1	19.50	18.44
					64	0	18.50	17.43
					128	0	18.50	17.40
				CP-OFDM QPSK	1	1	22.50	21.48
					64	0	21.50	20.41
					128	0	21.50	20.41

P-sensor on

BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
5	163300	816.5	DFT-s-OFDM PI/2 BPSK	1	1	22.00	21.70
	163800	819.0	DFT-s-OFDM PI/2 BPSK	1	1	22.00	21.62
	164300	821.5	DFT-s-OFDM PI/2 BPSK	1	1	22.00	21.67
BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
10	163800	819.0	DFT-s-OFDM PI/2 BPSK	1	1	22.00	21.72
BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
15	164300	821.5	DFT-s-OFDM PI/2 BPSK	1	1	22.00	21.75
BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
20	164800	824.0	DFT-s-OFDM PI/2 BPSK	1	1	22.00	21.75
				64	0	21.00	20.66
				128	0	22.00	21.76
			DFT-s-OFDM QPSK	1	1	22.00	21.82
				64	0	21.00	20.74
				128	0	22.00	21.82
			DFT-s-OFDM 16QAM	1	1	21.00	20.73
				64	0	20.00	19.71
				128	0	21.00	20.78
			DFT-s-OFDM 64QAM	1	1	19.50	19.25
				64	0	18.50	18.15
				128	0	19.50	19.27
			DFT-s-OFDM 256QAM	1	1	17.50	17.24
				64	0	16.50	16.18
				128	0	17.50	17.28
			CP-OFDM QPSK	1	1	20.50	20.22
				64	0	19.50	19.15
				128	0	20.50	20.22

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P-sensor off

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
26	5	165300	826.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.82
		167300	836.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.62
		169300	846.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.66
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
26	10	165800	829.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.89
		167300	836.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.70
		168800	844.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.71
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
26	15	166300	831.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.94
		167300	836.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.77
		168300	841.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.80
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
26	20	166800	834.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.83
					120	0	23.00	21.74
					240	0	23.00	21.74
				DFT-s-OFDM QPSK	1	1	24.00	22.98
					120	0	23.00	21.85
					240	0	23.00	21.92
				DFT-s-OFDM 16QAM	1	1	23.00	21.95
					120	0	22.00	20.86
					240	0	22.00	20.91
				DFT-s-OFDM 64QAM	1	1	21.50	20.56
					120	0	20.50	19.49
					240	0	20.50	19.54
				DFT-s-OFDM 256QAM	1	1	19.50	18.58
					120	0	18.50	17.51
					240	0	18.50	17.51
				CP-OFDM QPSK	1	1	22.50	21.55
					120	0	21.50	20.51
					240	0	21.50	20.53
		167300	836.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.63
					120	0	23.00	21.54
					240	0	23.00	21.54
				DFT-s-OFDM QPSK	1	1	24.00	22.81
					120	0	23.00	21.86
					240	0	23.00	21.92
				DFT-s-OFDM 16QAM	1	1	23.00	21.87
					120	0	22.00	20.83
					240	0	22.00	20.83
				DFT-s-OFDM 64QAM	1	1	21.50	20.36
					120	0	20.50	19.27
					240	0	20.50	19.28
				DFT-s-OFDM 256QAM	1	1	19.50	18.37
					120	0	18.50	17.35
					240	0	18.50	17.32
				CP-OFDM QPSK	1	1	22.50	21.34
					120	0	21.50	20.26
					240	0	21.50	20.26
		167800	839.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.68
					120	0	23.00	21.66
					240	0	23.00	21.66
				DFT-s-OFDM QPSK	1	1	24.00	22.82
					120	0	23.00	21.79
					240	0	23.00	21.85
				DFT-s-OFDM 16QAM	1	1	23.00	21.98
					120	0	22.00	20.96
					240	0	22.00	20.89
				DFT-s-OFDM 64QAM	1	1	21.50	20.39
					120	0	20.50	19.39
					240	0	20.50	19.33
				DFT-s-OFDM 256QAM	1	1	19.50	18.34
					120	0	18.50	17.24
					240	0	18.50	17.28
				CP-OFDM QPSK	1	1	22.50	21.40
					120	0	21.50	20.39
					240	0	21.50	20.32

P-sensor on

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
26	5	165300	826.5	DFT-s-OFDM PI/2 BPSK	1	1	22.00	21.73
		167300	836.5	DFT-s-OFDM PI/2 BPSK	1	1	22.00	21.64
		169300	846.5	DFT-s-OFDM PI/2 BPSK	1	1	22.00	21.69
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
26	10	165800	829.0	DFT-s-OFDM PI/2 BPSK	1	1	22.00	21.80
		167300	836.5	DFT-s-OFDM PI/2 BPSK	1	1	22.00	21.72
		168800	844.0	DFT-s-OFDM PI/2 BPSK	1	1	22.00	21.74
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
26	15	166300	831.5	DFT-s-OFDM PI/2 BPSK	1	1	22.00	21.85
		167300	836.5	DFT-s-OFDM PI/2 BPSK	1	1	22.00	21.79
		168300	841.5	DFT-s-OFDM PI/2 BPSK	1	1	22.00	21.83
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
26	20	166800	834.0	DFT-s-OFDM PI/2 BPSK	1	1	22.00	21.85
					120	0	21.00	20.91
					240	0	21.00	20.96
				DFT-s-OFDM QPSK	1	1	22.00	21.89
					120	0	21.00	20.92
					240	0	21.00	20.98
				DFT-s-OFDM 16QAM	1	1	21.00	20.86
					120	0	20.00	19.90
					240	0	20.00	19.95
				DFT-s-OFDM 64QAM	1	1	19.50	19.35
					120	0	18.50	18.36
					240	0	18.50	18.46
				DFT-s-OFDM 256QAM	1	1	17.50	17.34
					120	0	16.50	16.36
					240	0	16.50	16.44
				CP-OFDM QPSK	1	1	20.50	20.36
					120	0	19.50	19.39
					240	0	19.50	19.41
		167300	836.5	DFT-s-OFDM PI/2 BPSK	1	1	22.00	21.78
					120	0	21.00	20.91
					240	0	21.00	20.74
				DFT-s-OFDM QPSK	1	1	22.00	21.83
					120	0	21.00	20.92
					240	0	21.00	20.79
				DFT-s-OFDM 16QAM	1	1	21.00	20.74
					120	0	20.00	19.91
					240	0	20.00	19.77
				DFT-s-OFDM 64QAM	1	1	19.50	19.27
					120	0	18.50	18.36
					240	0	18.50	18.28
				DFT-s-OFDM 256QAM	1	1	17.50	17.23
					120	0	16.50	16.41
					240	0	16.50	16.19
				CP-OFDM QPSK	1	1	20.50	20.27
					120	0	19.50	19.36
					240	0	19.50	19.20
		167800	839.0	DFT-s-OFDM PI/2 BPSK	1	1	22.00	21.78
					120	0	21.00	20.87
					240	0	21.00	20.77
				DFT-s-OFDM QPSK	1	1	22.00	21.85
					120	0	21.00	20.90
					240	0	21.00	20.80
				DFT-s-OFDM 16QAM	1	1	21.00	20.81
					120	0	20.00	19.81
					240	0	20.00	19.73
				DFT-s-OFDM 64QAM	1	1	19.50	19.32
					120	0	18.50	18.38
					240	0	18.50	18.28
				DFT-s-OFDM 256QAM	1	1	17.50	17.27
					120	0	16.50	16.40
					240	0	16.50	16.29
				CP-OFDM QPSK	1	1	20.50	20.34
					120	0	19.50	19.33
					240	0	19.50	19.30

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P-sensor off

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
30	5	461500	2307.5	DFT-s-OFDM PI/2 BPSK	1	1	23.00	22.15
		462000	2310.0	DFT-s-OFDM PI/2 BPSK	1	1	23.00	22.18
		462500	2312.5	DFT-s-OFDM PI/2 BPSK	1	1	23.00	22.19
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
30	10	462000	2310.0	DFT-s-OFDM PI/2 BPSK	1	1	23.00	22.01
					25	0	22.00	20.92
					50	0	22.00	21.00
				DFT-s-OFDM QPSK	1	1	23.00	22.20
					25	0	22.00	21.36
					50	0	22.00	21.25
				DFT-s-OFDM 16QAM	1	1	22.00	21.34
					25	0	21.00	20.33
					50	0	21.00	20.27
				DFT-s-OFDM 64QAM	1	1	20.50	19.78
					25	0	19.50	18.69
					50	0	19.50	18.69
				DFT-s-OFDM 256QAM	1	1	18.50	17.80
					25	0	17.50	16.77
					50	0	17.50	16.73
				CP-OFDM QPSK	1	1	21.50	20.74
					25	0	20.50	19.71
					50	0	20.50	19.70

P-sensor on

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
30	5	461500	2307.5	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.67
		462000	2310.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.70
		462500	2312.5	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.71
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
30	10	462000	2310.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.70
					25	0	13.00	12.69
					50	0	13.00	12.73
				DFT-s-OFDM QPSK	1	1	14.00	13.72
					25	0	13.00	12.77
					50	0	13.00	12.78
				DFT-s-OFDM 16QAM	1	1	13.00	12.68
					25	0	12.00	11.72
					50	0	12.00	11.69
				DFT-s-OFDM 64QAM	1	1	11.50	11.21
					25	0	10.50	10.24
					50	0	10.50	10.27
				DFT-s-OFDM 256QAM	1	1	9.50	9.15
					25	0	8.50	8.21
					50	0	8.50	8.27
				CP-OFDM QPSK	1	1	12.50	12.19
					25	0	11.50	11.21
					50	0	11.50	11.28

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P-sensor off

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
38	10	515000	2575.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.85
		519000	2595.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.95
		523000	2615.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.86
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
38	15	515500	2577.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.86
		519000	2595.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.97
		522500	2612.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.88
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
38	20	516000	2580.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.95
		519000	2595.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.01
		522000	2610.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.90
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
38	25	516500	2582.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.01
		519000	2595.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.08
		521500	2607.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.99
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
38	30	517000	2585.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.07
		519000	2595.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.14
		521000	2605.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.03
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
38	40	518000	2590.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.00
					108	0	23.00	21.94
					216	0	23.00	22.00
				DFT-s-OFDM QPSK	1	1	24.00	23.15
					108	0	23.00	22.41
					216	0	23.00	22.37
				DFT-s-OFDM 16QAM	1	1	23.00	22.16
					108	0	22.00	21.11
					216	0	22.00	21.10
				DFT-s-OFDM 64QAM	1	1	21.50	20.67
					108	0	20.50	19.57
					216	0	20.50	19.61
				DFT-s-OFDM 256QAM	1	1	19.50	18.75
					108	0	18.50	17.73
					216	0	18.50	17.71
				CP-OFDM QPSK	1	1	22.50	21.68
					108	0	21.50	20.64
					216	0	21.50	20.59
		519000	2595.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.03
					108	0	23.00	21.97
					216	0	23.00	21.95
				DFT-s-OFDM QPSK	1	1	24.00	23.21
					108	0	23.00	22.45
					216	0	23.00	22.29
				DFT-s-OFDM 16QAM	1	1	23.00	22.41
					108	0	22.00	21.34
					216	0	22.00	21.35
				DFT-s-OFDM 64QAM	1	1	21.50	20.80
					108	0	20.50	19.78
					216	0	20.50	19.73
				DFT-s-OFDM 256QAM	1	1	19.50	18.80
					108	0	18.50	17.74
					216	0	18.50	17.79
				CP-OFDM QPSK	1	1	22.50	21.77
					108	0	21.50	20.70
					216	0	21.50	20.70
		520000	2600.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.87
					108	0	23.00	21.82
					216	0	23.00	21.81
				DFT-s-OFDM QPSK	1	1	24.00	23.04
					108	0	23.00	22.19
					216	0	23.00	22.11
				DFT-s-OFDM 16QAM	1	1	23.00	22.18
					108	0	22.00	21.08
					216	0	22.00	21.15
				DFT-s-OFDM 64QAM	1	1	21.50	20.69
					108	0	20.50	19.59
					216	0	20.50	19.59
				DFT-s-OFDM 256QAM	1	1	19.50	18.49
					108	0	18.50	17.41
					216	0	18.50	17.40
				CP-OFDM QPSK	1	1	22.50	21.50
					108	0	21.50	20.49
					216	0	21.50	20.48

P-sensor on

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
38	10	515000	2575.0	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.54
		519000	2595.0	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.73
		523000	2615.0	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.68
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
38	15	515500	2577.5	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.55
		519000	2595.0	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.75
		522500	2612.5	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.70
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
38	20	516000	2580.0	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.64
		519000	2595.0	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.79
		522000	2610.0	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.72
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
38	25	516500	2582.5	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.70
		519000	2595.0	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.86
		521500	2607.5	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.81
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
38	30	517000	2585.0	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.76
		519000	2595.0	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.92
		521000	2605.0	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.85
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
38	40	518000	2590.0	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.78
					108	0	17.00	16.61
					216	0	17.00	16.74
				DFT-s-OFDM QPSK	1	1	18.00	17.84
					108	0	17.00	16.62
					216	0	17.00	16.75
				DFT-s-OFDM 16QAM	1	1	17.00	16.75
					108	0	16.00	15.61
					216	0	16.00	15.65
				DFT-s-OFDM 64QAM	1	1	15.50	15.32
					108	0	14.50	14.11
					216	0	14.50	14.16
				DFT-s-OFDM 256QAM	1	1	13.50	13.34
					108	0	12.50	12.04
					216	0	12.50	12.22
				CP-OFDM QPSK	1	1	16.50	16.26
					108	0	15.50	15.09
					216	0	15.50	15.16
		519000	2595.0	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.92
					108	0	17.00	16.86
					216	0	17.00	16.90
				DFT-s-OFDM QPSK	1	1	18.00	17.99
					108	0	17.00	16.87
					216	0	17.00	16.94
				DFT-s-OFDM 16QAM	1	1	17.00	16.92
					108	0	16.00	15.78
					216	0	16.00	15.92
				DFT-s-OFDM 64QAM	1	1	15.50	15.43
					108	0	14.50	14.29
					216	0	14.50	14.37
				DFT-s-OFDM 256QAM	1	1	13.50	13.40
					108	0	12.50	12.29
					216	0	12.50	12.41
				CP-OFDM QPSK	1	1	16.50	16.39
					108	0	15.50	15.37
					216	0	15.50	15.34
		520000	2600.0	DFT-s-OFDM PI/2 BPSK	1	1	18.00	17.82
					108	0	17.00	16.82
					216	0	17.00	16.71
				DFT-s-OFDM QPSK	1	1	18.00	17.86
					108	0	17.00	16.82
					216	0	17.00	16.78
				DFT-s-OFDM 16QAM	1	1	17.00	16.79
					108	0	16.00	15.73
					216	0	16.00	15.76
				DFT-s-OFDM 64QAM	1	1	15.50	15.32
					108	0	14.50	14.26
					216	0	14.50	14.26
				DFT-s-OFDM 256QAM	1	1	13.50	13.35
					108	0	12.50	12.30
					216	0	12.50	12.25
				CP-OFDM QPSK	1	1	16.50	16.34
					108	0	15.50	15.22
					216	0	15.50	15.19

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P-sensor off

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	10	500200	2501.010	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.50
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.45
		537000	2685.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.43
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	15	500700	2503.500	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.59
		518601	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.49
		536496	2682.480	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.53
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	20	501204	2506.020	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.68
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.57
		535998	2679.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.60
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	30	502200	2511.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.74
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.65
		534996	2674.980	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.68
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	40	503202	2516.010	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.77
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.70
		534000	2670.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.70
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	50	504204	2521.020	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.59
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.62
		532998	2664.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.52
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	60	505200	2526.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.65
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.67
		531996	2659.980	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.58
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	70	505200	2531.010	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.71
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.69
		531996	2655.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.70
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	80	507204	2536.020	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.80
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.78
		529998	2649.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.74
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	90	508200	2541.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.81
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.82
		528996	2644.980	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.79
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	100	509202	2546.010	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.76
					135	0	23.00	22.76
					270	0	23.00	22.73
				DFT-s-OFDM QPSK	1	1	24.00	23.83
					135	0	23.00	22.77
					270	0	23.00	22.79
				DFT-s-OFDM 16QAM	1	1	23.00	22.77
					135	0	22.00	21.75
					270	0	22.00	21.75
				DFT-s-OFDM 64QAM	1	1	21.50	21.30
					135	0	20.50	20.18
					270	0	20.50	20.21
				DFT-s-OFDM 256QAM	1	1	19.50	19.24
					135	0	18.50	18.26
					270	0	18.50	18.24
				CP-OFDM QPSK	1	1	22.50	22.33
					135	0	21.50	21.25
					270	0	21.50	21.19
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.87
					135	0	23.00	22.69
					270	0	23.00	22.74
				DFT-s-OFDM QPSK	1	1	24.00	23.89
					135	0	23.00	22.77
					270	0	23.00	22.80
				DFT-s-OFDM 16QAM	1	1	23.00	22.85
					135	0	22.00	21.71
					270	0	22.00	21.71
				DFT-s-OFDM 64QAM	1	1	21.50	21.37
					135	0	20.50	20.24
					270	0	20.50	20.25
				DFT-s-OFDM 256QAM	1	1	19.50	19.36
					135	0	18.50	18.25
					270	0	18.50	18.23
				CP-OFDM QPSK	1	1	22.50	22.31
					135	0	21.50	21.21
					270	0	21.50	21.29
		528000	2640.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.81
					135	0	23.00	22.71
					270	0	23.00	22.70
				DFT-s-OFDM QPSK	1	1	24.00	23.88
					135	0	23.00	22.76
					270	0	23.00	22.78
				DFT-s-OFDM 16QAM	1	1	23.00	22.81
					135	0	22.00	21.71
					270	0	22.00	21.73
				DFT-s-OFDM 64QAM	1	1	21.50	21.37
					135	0	20.50	20.24
					270	0	20.50	20.27
				DFT-s-OFDM 256QAM	1	1	19.50	19.36
					135	0	18.50	18.19
					270	0	18.50	18.25
				CP-OFDM QPSK	1	1	22.50	22.28
					135	0	21.50	21.25
					270	0	21.50	21.26

P-sensor off（MIMO2）

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	10	500200	2501.010	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.63
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.54
		537000	2685.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.53
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	15	500700	2503.500	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.72
		518601	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.58
		536496	2682.480	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.63
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	20	501204	2506.020	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.81
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.66
		535998	2679.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.70
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	30	502200	2511.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.87
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.74
		534996	2674.980	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.78
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	40	503202	2516.010	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.90
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.79
		534000	2670.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.80
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	50	504204	2521.020	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.72
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.71
		532998	2664.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.62
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	60	505200	2526.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.78
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.76
		531996	2659.980	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.68
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	70	505200	2531.010	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.84
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.78
		531996	2655.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.80
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	80	507204	2536.020	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.93
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.87
		529998	2649.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.84
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	90	508200	2541.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.94
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.91
		528996	2644.980	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.89
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	100	509202	2546.010	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.93
					135	0	23.00	22.73
					270	0	23.00	22.88
				DFT-s-OFDM QPSK	1	1	24.00	23.96
					135	0	23.00	22.78
					270	0	23.00	22.92
				DFT-s-OFDM 16QAM	1	1	23.00	22.92
					135	0	22.00	21.72
					270	0	22.00	21.84
				DFT-s-OFDM 64QAM	1	1	21.50	21.43
					135	0	20.50	20.23
					270	0	20.50	20.35
				DFT-s-OFDM 256QAM	1	1	19.50	19.43
					135	0	18.50	18.23
					270	0	18.50	18.38
				CP-OFDM QPSK	1	1	22.50	22.36
					135	0	21.50	21.28
					270	0	21.50	21.40
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.96
					135	0	23.00	22.76
					270	0	23.00	22.92
				DFT-s-OFDM QPSK	1	1	24.00	23.98
					135	0	23.00	22.81
					270	0	23.00	22.95
				DFT-s-OFDM 16QAM	1	1	23.00	22.89
					135	0	22.00	21.76
					270	0	22.00	21.85
				DFT-s-OFDM 64QAM	1	1	21.50	21.44
					135	0	20.50	20.26
					270	0	20.50	20.36
				DFT-s-OFDM 256QAM	1	1	19.50	19.46
					135	0	18.50	18.26
					270	0	18.50	18.36
				CP-OFDM QPSK	1	1	22.50	22.41
					135	0	21.50	21.22
					270	0	21.50	21.44
		528000	2640.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.97
					135	0	23.00	22.75
					270	0	23.00	22.96
				DFT-s-OFDM QPSK	1	1	24.00	23.98
					135	0	23.00	22.77
					270	0	23.00	22.97
				DFT-s-OFDM 16QAM	1	1	23.00	22.95
					135	0	22.00	21.71
					270	0	22.00	21.87
				DFT-s-OFDM 64QAM	1	1	21.50	21.38
					135	0	20.50	20.18
					270	0	20.50	20.43
				DFT-s-OFDM 256QAM	1	1	19.50	19.42
					135	0	18.50	18.25
					270	0	18.50	18.45
				CP-OFDM QPSK	1	1	22.50	22.47
					135	0	21.50	21.27
					270	0	21.50	21.41

P-sensor off（HPUE）

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	10	500200	2501.010	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.53
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.51
		537000	2685.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.42
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	15	500700	2503.500	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.62
		518601	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.55
		536496	2682.480	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.52
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	20	501204	2506.020	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.71
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.63
		535998	2679.990	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.59
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	30	502200	2511.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.77
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.71
		534996	2674.980	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.67
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	40	503202	2516.010	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.80
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.76
		534000	2670.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.69
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	50	504204	2521.020	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.62
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.68
		532998	2664.990	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.51
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	60	505200	2526.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.68
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.73
		531996	2659.980	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.57
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	70	505200	2531.010	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.74
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.75
		531996	2655.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.69
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	80	507204	2536.020	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.83
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.84
		529998	2649.990	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.73
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	90	508200	2541.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.84
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.83
		528996	2644.980	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.78
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	100	509202	2546.010	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.63
					135	0	26.00	24.61
					270	0	26.00	24.54
				DFT-s-OFDM QPSK	1	1	27.00	25.76
					135	0	26.00	24.73
					270	0	26.00	24.67
				DFT-s-OFDM 16QAM	1	1	26.00	24.73
					135	0	25.00	23.72
					270	0	25.00	23.72
				DFT-s-OFDM 64QAM	1	1	24.50	23.40
					135	0	23.50	22.38
					270	0	23.50	22.39
				DFT-s-OFDM 256QAM	1	1	22.50	21.33
					135	0	21.50	20.29
					270	0	21.50	20.29
				CP-OFDM QPSK	1	1	25.50	24.28
					135	0	24.50	23.22
					270	0	24.50	23.21
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.21
					135	0	26.00	24.16
					270	0	26.00	24.15
				DFT-s-OFDM QPSK	1	1	27.00	25.85
					135	0	26.00	24.81
					270	0	26.00	24.80
				DFT-s-OFDM 16QAM	1	1	26.00	24.90
					135	0	25.00	23.86
					270	0	25.00	23.89
				DFT-s-OFDM 64QAM	1	1	24.50	23.48
					135	0	23.50	22.39
					270	0	23.50	22.45
				DFT-s-OFDM 256QAM	1	1	22.50	21.46
					135	0	21.50	20.39
					270	0	21.50	20.38
				CP-OFDM QPSK	1	1	25.50	24.44
					135	0	24.50	23.41
					270	0	24.50	23.43
		528000	2640.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.62
					135	0	26.00	24.61
					270	0	26.00	24.54
				DFT-s-OFDM QPSK	1	1	27.00	25.78
					135	0	26.00	24.76
					270	0	26.00	24.73
				DFT-s-OFDM 16QAM	1	1	26.00	24.72
					135	0	25.00	23.71
					270	0	25.00	23.63
				DFT-s-OFDM 64QAM	1	1	24.50	23.31
					135	0	23.50	22.28
					270	0	23.50	22.30
				DFT-s-OFDM 256QAM	1	1	22.50	21.30
					135	0	21.50	20.23
					270	0	21.50	20.23
				CP-OFDM QPSK	1	1	25.50	24.20
					135	0	24.50	23.16
					270	0	24.50	23.12

P-sensor off（MIMO2 HPUE）

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
41	10	500200	2501.010	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.45
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.42
		537000	2685.000	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.32
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
41	15	500700	2503.500	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.54
		518601	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.46
		536496	2682.480	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.42
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
41	20	501204	2506.020	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.63
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.54
		535998	2679.990	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.49
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
41	30	502200	2511.000	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.69
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.62
		534996	2674.980	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.57
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
41	40	503202	2516.010	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.72
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.67
		534000	2670.000	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.59
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
41	50	504204	2521.020	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.54
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.59
		532998	2664.990	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.41
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
41	60	505200	2526.000	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.60
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.64
		531996	2659.980	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.47
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
41	70	505200	2531.010	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.66
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.66
		531996	2655.000	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.59
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
41	80	507204	2536.020	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.75
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.75
		529998	2649.990	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.63
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
41	90	508200	2541.000	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.76
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.79
		528996	2644.980	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.68
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
41	100	509202	2546.010	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.65
					135	0	25.00	24.62
					270	0	25.00	24.64
				DFT-s-OFDM QPSK	1	1	26.00	25.78
					135	0	25.00	24.81
					270	0	25.00	24.69
				DFT-s-OFDM 16QAM	1	1	25.00	24.75
					135	0	24.00	23.72
					270	0	24.00	23.75
				DFT-s-OFDM 64QAM	1	1	23.50	23.42
					135	0	22.50	22.32
					270	0	22.50	22.41
				DFT-s-OFDM 256QAM	1	1	21.50	21.35
					135	0	20.50	20.33
					270	0	20.50	20.34
				CP-OFDM QPSK	1	1	24.50	24.30
					135	0	23.50	23.29
					270	0	23.50	23.27
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.76
					135	0	25.00	24.72
					270	0	25.00	24.72
				DFT-s-OFDM QPSK	1	1	26.00	25.86
					135	0	25.00	24.81
					270	0	25.00	24.79
				DFT-s-OFDM 16QAM	1	1	25.00	24.91
					135	0	24.00	23.90
					270	0	24.00	23.87
				DFT-s-OFDM 64QAM	1	1	23.50	23.49
					135	0	22.50	22.46
					270	0	22.50	22.43
				DFT-s-OFDM 256QAM	1	1	21.50	21.47
					135	0	20.50	20.40
					270	0	20.50	20.44
				CP-OFDM QPSK	1	1	24.50	24.45
					135	0	23.50	23.43
					270	0	23.50	23.40
		528000	2640.000	DFT-s-OFDM PI/2 BPSK	1	1	26.00	25.61
					135	0	25.00	24.56
					270	0	25.00	24.56
				DFT-s-OFDM QPSK	1	1	26.00	25.77
					135	0	25.00	24.78
					270	0	25.00	24.72
				DFT-s-OFDM 16QAM	1	1	25.00	24.71
					135	0	24.00	23.63
					270	0	24.00	23.62
				DFT-s-OFDM 64QAM	1	1	23.50	23.30
					135	0	22.50	22.27
					270	0	22.50	22.27
				DFT-s-OFDM 256QAM	1	1	21.50	21.29
					135	0	20.50	20.20
					270	0	20.50	20.25
				CP-OFDM QPSK	1	1	24.50	24.19
					135	0	23.50	23.19
					270	0	23.50	23.11

P-sensor on

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	10	500200	2501.010	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.30
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.32
		537000	2685.000	DFT-s-OFDM PI/2 BPSK	1	1	21.00	19.65
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	15	500700	2503.500	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.39
		518601	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.36
		536496	2682.480	DFT-s-OFDM PI/2 BPSK	1	1	21.00	19.75
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	20	501204	2506.020	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.48
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.44
		535998	2679.990	DFT-s-OFDM PI/2 BPSK	1	1	21.00	19.82
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	30	502200	2511.000	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.54
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.52
		534996	2674.980	DFT-s-OFDM PI/2 BPSK	1	1	21.00	19.90
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	40	503202	2516.010	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.57
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.57
		534000	2670.000	DFT-s-OFDM PI/2 BPSK	1	1	21.00	19.92
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	50	504204	2521.020	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.39
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.49
		532998	2664.990	DFT-s-OFDM PI/2 BPSK	1	1	21.00	19.96
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	60	505200	2526.000	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.45
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.54
		531996	2659.980	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.02
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	70	505200	2531.010	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.51
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.56
		531996	2655.000	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.14
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	80	507204	2536.020	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.60
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.65
		529998	2649.990	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.18
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	90	508200	2541.000	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.61
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.69
		528996	2644.980	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.23
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	100	509202	2546.010	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.58
					135	0	20.00	19.90
					270	0	20.00	19.58
				DFT-s-OFDM QPSK	1	1	21.00	20.63
					135	0	20.00	19.96
					270	0	20.00	19.60
				DFT-s-OFDM 16QAM	1	1	20.00	19.54
					135	0	19.00	18.86
					270	0	19.00	18.50
				DFT-s-OFDM 64QAM	1	1	18.50	18.12
					135	0	17.50	17.36
					270	0	17.50	17.00
				DFT-s-OFDM 256QAM	1	1	16.50	16.06
					135	0	15.50	15.40
					270	0	15.50	15.03
				CP-OFDM QPSK	1	1	19.50	19.04
					135	0	18.50	18.43
					270	0	18.50	18.10
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.75
					135	0	20.00	19.98
					270	0	20.00	19.90
				DFT-s-OFDM QPSK	1	1	21.00	20.76
					135	0	20.00	19.99
					270	0	20.00	19.97
				DFT-s-OFDM 16QAM	1	1	20.00	19.76
					135	0	19.00	18.94
					270	0	19.00	18.89
				DFT-s-OFDM 64QAM	1	1	18.50	18.21
					135	0	17.50	17.40
					270	0	17.50	17.39
				DFT-s-OFDM 256QAM	1	1	16.50	16.22
					135	0	15.50	15.47
					270	0	15.50	15.46
				CP-OFDM QPSK	1	1	19.50	19.21
					135	0	18.50	18.41
					270	0	18.50	18.38
		528000	2640.000	DFT-s-OFDM PI/2 BPSK	1	1	21.00	20.31
					135	0	20.00	19.88
					270	0	20.00	19.23
				DFT-s-OFDM QPSK	1	1	21.00	20.32
					135	0	20.00	19.93
					270	0	20.00	19.30
				DFT-s-OFDM 16QAM	1	1	20.00	19.30
					135	0	19.00	18.85
					270	0	19.00	18.30
				DFT-s-OFDM 64QAM	1	1	18.50	17.74
					135	0	17.50	17.33
					270	0	17.50	16.74
				DFT-s-OFDM 256QAM	1	1	16.50	15.79
					135	0	15.50	15.40
					270	0	15.50	14.77
				CP-OFDM QPSK	1	1	19.50	18.82
					135	0	18.50	18.39
					270	0	18.50	17.72

P-sensor on（MIMO2）

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	10	500200	2501.010	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.46
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.48
		537000	2685.000	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.43
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	15	500700	2503.500	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.55
		518601	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.52
		536496	2682.480	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.53
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	20	501204	2506.020	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.64
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.60
		535998	2679.990	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.60
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	30	502200	2511.000	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.70
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.68
		534996	2674.980	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.68
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	40	503202	2516.010	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.73
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.73
		534000	2670.000	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.70
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	50	504204	2521.020	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.55
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.65
		532998	2664.990	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.52
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	60	505200	2526.000	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.61
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.70
		531996	2659.980	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.58
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	70	505200	2531.010	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.67
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.72
		531996	2655.000	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.70
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	80	507204	2536.020	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.76
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.81
		529998	2649.990	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.74
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	90	508200	2541.000	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.77
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.85
		528996	2644.980	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.79
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
41	100	509202	2546.010	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.75
					135	0	15.00	14.86
					270	0	15.00	14.70
				DFT-s-OFDM QPSK	1	1	16.00	15.79
					135	0	15.00	14.92
					270	0	15.00	14.76
				DFT-s-OFDM 16QAM	1	1	15.00	14.77
					135	0	14.00	13.87
					270	0	14.00	13.71
				DFT-s-OFDM 64QAM	1	1	13.50	13.26
					135	0	12.50	12.35
					270	0	12.50	12.18
				DFT-s-OFDM 256QAM	1	1	11.50	11.24
					135	0	10.50	10.41
					270	0	10.50	10.19
				CP-OFDM QPSK	1	1	14.50	14.28
					135	0	13.50	13.34
					270	0	13.50	13.19
		518598	2592.990	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.90
					135	0	15.00	14.90
					270	0	15.00	14.97
				DFT-s-OFDM QPSK	1	1	16.00	15.92
					135	0	15.00	14.96
					270	0	15.00	14.98
				DFT-s-OFDM 16QAM	1	1	15.00	14.82
					135	0	14.00	13.93
					270	0	14.00	13.94
				DFT-s-OFDM 64QAM	1	1	13.50	13.40
					135	0	12.50	12.37
					270	0	12.50	12.44
				DFT-s-OFDM 256QAM	1	1	11.50	11.32
					135	0	10.50	10.43
					270	0	10.50	10.45
				CP-OFDM QPSK	1	1	14.50	14.41
					135	0	13.50	13.41
					270	0	13.50	13.47
		528000	2640.000	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.83
					135	0	15.00	14.91
					270	0	15.00	14.79
				DFT-s-OFDM QPSK	1	1	16.00	15.88
					135	0	15.00	14.94
					270	0	15.00	14.86
				DFT-s-OFDM 16QAM	1	1	15.00	14.79
					135	0	14.00	13.92
					270	0	14.00	13.80
				DFT-s-OFDM 64QAM	1	1	13.50	13.30
					135	0	12.50	12.36
					270	0	12.50	12.35
				DFT-s-OFDM 256QAM	1	1	11.50	11.32
					135	0	10.50	10.38
					270	0	10.50	10.29
				CP-OFDM QPSK	1	1	14.50	14.36
					135	0	13.50	13.36
					270	0	13.50	13.27

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P-sensor off

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
48	10	637000	35555.00	DFT-s-OFDM PI/2 BPSK	1	1	22.00	20.33
		641666	3624.99	DFT-s-OFDM PI/2 BPSK	1	1	22.00	20.79
		646332	3694.98	DFT-s-OFDM PI/2 BPSK	1	1	22.00	20.35
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
48	15	637168	3557.52	DFT-s-OFDM PI/2 BPSK	1	1	22.00	20.41
		641666	3624.99	DFT-s-OFDM PI/2 BPSK	1	1	22.00	20.87
		646166	3692.49	DFT-s-OFDM PI/2 BPSK	1	1	22.00	20.38
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
48	20	637334	3560.01	DFT-s-OFDM PI/2 BPSK	1	1	22.00	20.43
		641666	3624.99	DFT-s-OFDM PI/2 BPSK	1	1	22.00	20.88
		646000	3690.00	DFT-s-OFDM PI/2 BPSK	1	1	22.00	20.47
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
48	30	637668	3565.02	DFT-s-OFDM PI/2 BPSK	1	1	22.00	20.58
		641666	3624.99	DFT-s-OFDM PI/2 BPSK	1	1	22.00	20.97
		645666	3684.99	DFT-s-OFDM PI/2 BPSK	1	1	22.00	20.49
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
48	40	638000	3570.00	DFT-s-OFDM PI/2 BPSK	1	1	22.00	20.45
					108	0	21.00	19.37
					216	0	21.00	19.38
				DFT-s-OFDM QPSK	1	1	22.00	20.63
					108	0	21.00	19.66
					216	0	21.00	19.58
				DFT-s-OFDM 16QAM	1	1	21.00	19.79
					108	0	20.00	18.74
					216	0	20.00	18.76
				DFT-s-OFDM 64QAM	1	1	19.50	18.21
					108	0	18.50	17.15
					216	0	18.50	17.16
				DFT-s-OFDM 256QAM	1	1	17.50	16.20
					108	0	16.50	15.15
					216	0	16.50	15.17
				CP-OFDM QPSK	1	1	20.50	19.15
					108	0	19.50	18.08
					216	0	19.50	18.06
		641666	3624.99	DFT-s-OFDM PI/2 BPSK	1	1	22.00	20.85
					108	0	21.00	19.84
					216	0	21.00	19.78
				DFT-s-OFDM QPSK	1	1	22.00	20.98
					108	0	21.00	19.87
					216	0	21.00	19.79
				DFT-s-OFDM 16QAM	1	1	21.00	20.13
					108	0	20.00	19.07
					216	0	20.00	19.11
				DFT-s-OFDM 64QAM	1	1	19.50	18.51
					108	0	18.50	17.43
					216	0	18.50	17.45
				DFT-s-OFDM 256QAM	1	1	17.50	16.58
					108	0	16.50	15.57
					216	0	16.50	15.50
				CP-OFDM QPSK	1	1	20.50	19.57
					108	0	19.50	18.57
					216	0	19.50	18.48
		645332	3679.98	DFT-s-OFDM PI/2 BPSK	1	1	22.00	20.37
					108	0	21.00	19.34
					216	0	21.00	19.28
				DFT-s-OFDM QPSK	1	1	22.00	20.54
					108	0	21.00	19.58
					216	0	21.00	19.63
				DFT-s-OFDM 16QAM	1	1	21.00	19.64
					108	0	20.00	18.62
					216	0	20.00	18.54
				DFT-s-OFDM 64QAM	1	1	19.50	18.05
					108	0	18.50	16.99
					216	0	18.50	16.97
				DFT-s-OFDM 256QAM	1	1	17.50	16.07
					108	0	16.50	15.07
					216	0	16.50	15.00
				CP-OFDM QPSK	1	1	20.50	19.06
					108	0	19.50	17.98
					216	0	19.50	18.01

P-sensor on

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
48	10	637000	35555.00	DFT-s-OFDM PI/2 BPSK	1	1	16.50	15.86
		641666	3624.99	DFT-s-OFDM PI/2 BPSK	1	1	16.50	16.00
		646332	3694.98	DFT-s-OFDM PI/2 BPSK	1	1	16.50	15.93
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
48	15	637168	3557.52	DFT-s-OFDM PI/2 BPSK	1	1	16.50	15.94
		641666	3624.99	DFT-s-OFDM PI/2 BPSK	1	1	16.50	16.08
		646166	3692.49	DFT-s-OFDM PI/2 BPSK	1	1	16.50	15.96
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
48	20	637334	3560.01	DFT-s-OFDM PI/2 BPSK	1	1	16.50	15.96
		641666	3624.99	DFT-s-OFDM PI/2 BPSK	1	1	16.50	16.09
		646000	3690.00	DFT-s-OFDM PI/2 BPSK	1	1	16.50	16.05
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
48	30	637668	3565.02	DFT-s-OFDM PI/2 BPSK	1	1	16.50	16.11
		641666	3624.99	DFT-s-OFDM PI/2 BPSK	1	1	16.50	16.18
		645666	3684.99	DFT-s-OFDM PI/2 BPSK	1	1	16.50	16.07
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
48	40	638000	3570.00	DFT-s-OFDM PI/2 BPSK	1	1	16.50	16.11
					108	0	15.50	15.32
					216	0	15.50	15.02
				DFT-s-OFDM QPSK	1	1	16.50	16.16
					108	0	15.50	15.33
					216	0	15.50	15.09
				DFT-s-OFDM 16QAM	1	1	15.50	15.12
					108	0	14.50	14.32
					216	0	14.50	14.07
				DFT-s-OFDM 64QAM	1	1	14.00	13.57
					108	0	13.00	12.82
					216	0	13.00	12.58
				DFT-s-OFDM 256QAM	1	1	12.00	11.60
					108	0	11.00	10.77
					216	0	11.00	10.50
				CP-OFDM QPSK	1	1	15.00	14.62
					108	0	14.00	13.77
					216	0	14.00	13.56
		641666	3624.99	DFT-s-OFDM PI/2 BPSK	1	1	16.50	16.17
					108	0	15.50	15.31
					216	0	15.50	15.46
				DFT-s-OFDM QPSK	1	1	16.50	16.19
					108	0	15.50	15.38
					216	0	15.50	15.48
				DFT-s-OFDM 16QAM	1	1	15.50	15.14
					108	0	14.50	14.31
					216	0	14.50	14.43
				DFT-s-OFDM 64QAM	1	1	14.00	13.65
					108	0	13.00	12.88
					216	0	13.00	12.94
				DFT-s-OFDM 256QAM	1	1	12.00	11.64
					108	0	11.00	10.82
					216	0	11.00	10.95
				CP-OFDM QPSK	1	1	15.00	14.67
					108	0	14.00	13.87
					216	0	14.00	13.90
		645332	3679.98	DFT-s-OFDM PI/2 BPSK	1	1	16.50	16.05
					108	0	15.50	15.33
					216	0	15.50	14.97
				DFT-s-OFDM QPSK	1	1	16.50	16.12
					108	0	15.50	15.37
					216	0	15.50	15.04
				DFT-s-OFDM 16QAM	1	1	15.50	15.06
					108	0	14.50	14.30
					216	0	14.50	14.02
				DFT-s-OFDM 64QAM	1	1	14.00	13.57
					108	0	13.00	12.81
					216	0	13.00	12.51
				DFT-s-OFDM 256QAM	1	1	12.00	11.57
					108	0	11.00	10.79
					216	0	11.00	10.50
				CP-OFDM QPSK	1	1	15.00	14.58
					108	0	14.00	13.84
					216	0	14.00	13.50

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P-sensor off

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
66	5	342500	1712.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.79
		349000	1745.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.98
		355500	1777.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.92
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
66	10	343000	1715.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.88
		349000	1745.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.05
		355000	1775.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.94
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
66	15	343500	1717.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.93
		349000	1745.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.07
		354500	1772.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.95
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
66	20	344000	1720.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.96
		349000	1745.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.08
		354000	1770.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.96
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
66	25	344500	1722.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.98
		349000	1745.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.10
		353500	1767.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.03
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
66	30	345000	1725.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.08
		349000	1745.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.12
		353000	1765.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.12
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
66	35	425500	1727.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.15
		429000	1745.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.19
		432500	1762.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.13
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
66	40	346000	1730.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.23
		349000	1745.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.27
		352000	1760.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.21
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
66	45	346500	1732.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.27
					120	0	23.00	22.18
					240	0	23.00	22.20
				DFT-s-OFDM QPSK	1	1	24.00	23.30
					120	0	23.00	22.42
					240	0	23.00	22.45
				DFT-s-OFDM 16QAM	1	1	23.00	22.49
					120	0	22.00	21.48
					240	0	22.00	21.45
				DFT-s-OFDM 64QAM	1	1	21.50	20.91
					120	0	20.50	19.87
					240	0	20.50	19.89
				DFT-s-OFDM 256QAM	1	1	19.50	18.92
					120	0	18.50	17.89
					240	0	18.50	17.84
				CP-OFDM QPSK	1	1	22.50	21.75
					120	0	21.50	20.67
					240	0	21.50	20.69
		349000	1745.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.18
					120	0	23.00	22.09
					240	0	23.00	22.13
				DFT-s-OFDM QPSK	1	1	24.00	23.33
					120	0	23.00	22.36
					240	0	23.00	22.39
				DFT-s-OFDM 16QAM	1	1	23.00	22.47
					120	0	22.00	21.44
					240	0	22.00	21.47
				DFT-s-OFDM 64QAM	1	1	21.50	20.87
					120	0	20.50	19.87
					240	0	20.50	19.77
				DFT-s-OFDM 256QAM	1	1	19.50	18.94
					120	0	18.50	17.87
					240	0	18.50	17.86
				CP-OFDM QPSK	1	1	22.50	21.93
					120	0	21.50	20.88
					240	0	21.50	20.92
		351500	1757.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.19
					120	0	23.00	22.11
					240	0	23.00	22.16
				DFT-s-OFDM QPSK	1	1	24.00	23.31
					120	0	23.00	22.29
					240	0	23.00	22.35
				DFT-s-OFDM 16QAM	1	1	23.00	22.24
					120	0	22.00	21.24
					240	0	22.00	21.15
				DFT-s-OFDM 64QAM	1	1	21.50	20.91
					120	0	20.50	19.84
					240	0	20.50	19.86
				DFT-s-OFDM 256QAM	1	1	19.50	18.93
					120	0	18.50	17.92
					240	0	18.50	17.90
				CP-OFDM QPSK	1	1	22.50	21.79
					120	0	21.50	20.77
					240	0	21.50	20.71

P-sensor on

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
66	5	342500	1712.5	DFT-s-OFDM PI/2 BPSK	1	1	15.00	14.34
		349000	1745.0	DFT-s-OFDM PI/2 BPSK	1	1	15.00	14.58
		355500	1777.5	DFT-s-OFDM PI/2 BPSK	1	1	15.00	14.48
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
66	10	343000	1715.0	DFT-s-OFDM PI/2 BPSK	1	1	15.00	14.43
		349000	1745.0	DFT-s-OFDM PI/2 BPSK	1	1	15.00	14.65
		355000	1775.0	DFT-s-OFDM PI/2 BPSK	1	1	15.00	14.50
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
66	15	343500	1717.5	DFT-s-OFDM PI/2 BPSK	1	1	15.00	14.48
		349000	1745.0	DFT-s-OFDM PI/2 BPSK	1	1	15.00	14.67
		354500	1772.5	DFT-s-OFDM PI/2 BPSK	1	1	15.00	14.51
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
66	20	344000	1720.0	DFT-s-OFDM PI/2 BPSK	1	1	15.00	14.51
		349000	1745.0	DFT-s-OFDM PI/2 BPSK	1	1	15.00	14.68
		354000	1770.0	DFT-s-OFDM PI/2 BPSK	1	1	15.00	14.52
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
66	25	344500	1722.5	DFT-s-OFDM PI/2 BPSK	1	1	15.00	14.53
		349000	1745.0	DFT-s-OFDM PI/2 BPSK	1	1	15.00	14.70
		353500	1767.5	DFT-s-OFDM PI/2 BPSK	1	1	15.00	14.59
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
66	30	345000	1725.0	DFT-s-OFDM PI/2 BPSK	1	1	15.00	14.63
		349000	1745.0	DFT-s-OFDM PI/2 BPSK	1	1	15.00	14.72
		353000	1765.0	DFT-s-OFDM PI/2 BPSK	1	1	15.00	14.68
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
66	35	425500	1727.5	DFT-s-OFDM PI/2 BPSK	1	1	15.00	14.70
		429000	1745.0	DFT-s-OFDM PI/2 BPSK	1	1	15.00	14.79
		432500	1762.5	DFT-s-OFDM PI/2 BPSK	1	1	15.00	14.69
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
66	40	346000	1730.0	DFT-s-OFDM PI/2 BPSK	1	1	15.00	14.78
		349000	1745.0	DFT-s-OFDM PI/2 BPSK	1	1	15.00	14.87
		352000	1760.0	DFT-s-OFDM PI/2 BPSK	1	1	15.00	14.77
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
66	45	346500	1732.5	DFT-s-OFDM PI/2 BPSK	1	1	15.00	14.83
					120	0	14.00	13.70
					240	0	14.00	13.73
				DFT-s-OFDM QPSK	1	1	15.00	14.85
					120	0	14.00	13.77
					240	0	14.00	13.76
				DFT-s-OFDM 16QAM	1	1	14.00	13.79
					120	0	13.00	12.72
					240	0	13.00	12.75
				DFT-s-OFDM 64QAM	1	1	12.50	12.33
					120	0	11.50	11.23
					240	0	11.50	11.20
				DFT-s-OFDM 256QAM	1	1	10.50	10.29
					120	0	9.50	9.24
					240	0	9.50	9.17
				CP-OFDM QPSK	1	1	13.50	13.30
					120	0	12.50	12.24
					240	0	12.50	12.26
		349000	1745.0	DFT-s-OFDM PI/2 BPSK	1	1	15.00	14.89
					120	0	14.00	13.93
					240	0	14.00	13.87
				DFT-s-OFDM QPSK	1	1	15.00	14.93
					120	0	14.00	13.98
					240	0	14.00	13.92
				DFT-s-OFDM 16QAM	1	1	14.00	13.91
					120	0	13.00	12.93
					240	0	13.00	12.89
				DFT-s-OFDM 64QAM	1	1	12.50	12.36
					120	0	11.50	11.45
					240	0	11.50	11.39
				DFT-s-OFDM 256QAM	1	1	10.50	10.43
					120	0	9.50	9.40
					240	0	9.50	9.35
				CP-OFDM QPSK	1	1	13.50	13.42
					120	0	12.50	12.40
					240	0	12.50	12.37
		351500	1757.5	DFT-s-OFDM PI/2 BPSK	1	1	15.00	14.82
					120	0	14.00	13.09
					240	0	14.00	13.73
				DFT-s-OFDM QPSK	1	1	15.00	14.87
					120	0	14.00	13.13
					240	0	14.00	13.80
				DFT-s-OFDM 16QAM	1	1	14.00	13.80
					120	0	13.00	12.08
					240	0	13.00	12.78
				DFT-s-OFDM 64QAM	1	1	12.50	12.27
					120	0	11.50	10.56
					240	0	11.50	11.28
				DFT-s-OFDM 256QAM	1	1	10.50	10.34
					120	0	9.50	8.59
					240	0	9.50	9.29
				CP-OFDM QPSK	1	1	13.50	13.29
					120	0	12.50	11.54
					240	0	12.50	12.30

NR n71

P-sensor off

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
71	5	133100	665.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.50
		136100	680.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.57
		139100	695.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.55
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
71	10	133600	668.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.54
		136100	680.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.66
		138600	693.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.60
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
71	15	134100	670.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.64
		136100	680.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.73
		138100	690.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.65
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
71	20	134600	673.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.61
					108	0	23.00	21.57
					216	0	23.00	21.61
				DFT-s-OFDM QPSK	1	1	24.00	22.73
					108	0	23.00	21.78
					216	0	23.00	21.72
				DFT-s-OFDM 16QAM	1	1	23.00	21.88
					108	0	22.00	20.85
					216	0	22.00	20.79
				DFT-s-OFDM 64QAM	1	1	21.50	20.28
					108	0	20.50	19.27
					216	0	20.50	19.28
				DFT-s-OFDM 256QAM	1	1	19.50	18.24
					108	0	18.50	17.17
					216	0	18.50	17.20
				CP-OFDM QPSK	1	1	22.50	21.26
					108	0	21.50	20.25
					216	0	21.50	20.21
		136100	680.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.59
					108	0	23.00	21.49
					216	0	23.00	21.52
				DFT-s-OFDM QPSK	1	1	24.00	22.80
					108	0	23.00	21.76
					216	0	23.00	21.79
				DFT-s-OFDM 16QAM	1	1	23.00	21.68
					108	0	22.00	20.63
					216	0	22.00	20.68
				DFT-s-OFDM 64QAM	1	1	21.50	20.23
					108	0	20.50	19.13
					216	0	20.50	19.14
				DFT-s-OFDM 256QAM	1	1	19.50	18.29
					108	0	18.50	17.21
					216	0	18.50	17.20
				CP-OFDM QPSK	1	1	22.50	21.21
					108	0	21.50	20.14
					216	0	21.50	20.14
		137600	688.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	22.69
					108	0	23.00	21.63
					216	0	23.00	21.61
				DFT-s-OFDM QPSK	1	1	24.00	22.70
					108	0	23.00	21.69
					216	0	23.00	21.65
				DFT-s-OFDM 16QAM	1	1	23.00	21.94
					108	0	22.00	20.92
					216	0	22.00	20.85
				DFT-s-OFDM 64QAM	1	1	21.50	20.34
					108	0	20.50	19.26
					216	0	20.50	19.26
				DFT-s-OFDM 256QAM	1	1	19.50	18.42
					108	0	18.50	17.40
					216	0	18.50	17.34
				CP-OFDM QPSK	1	1	22.50	21.37
					108	0	21.50	20.33
					216	0	21.50	20.29

P-sensor on

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
71	5	133100	665.5	DFT-s-OFDM PI/2 BPSK	1	1	22.50	22.17
		136100	680.5	DFT-s-OFDM PI/2 BPSK	1	1	22.50	22.19
		139100	695.5	DFT-s-OFDM PI/2 BPSK	1	1	22.50	22.26
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
71	10	133600	668.0	DFT-s-OFDM PI/2 BPSK	1	1	22.50	22.21
		136100	680.5	DFT-s-OFDM PI/2 BPSK	1	1	22.50	22.28
		138600	693.0	DFT-s-OFDM PI/2 BPSK	1	1	22.50	22.31
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
71	15	134100	670.5	DFT-s-OFDM PI/2 BPSK	1	1	22.50	22.31
		136100	680.5	DFT-s-OFDM PI/2 BPSK	1	1	22.50	22.35
		138100	690.5	DFT-s-OFDM PI/2 BPSK	1	1	22.50	22.36
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
71	20	134600	673.0	DFT-s-OFDM PI/2 BPSK	1	1	22.50	22.33
					108	0	21.50	21.27
					216	0	21.50	21.30
				DFT-s-OFDM QPSK	1	1	22.50	22.40
					108	0	21.50	21.33
					216	0	21.50	21.31
				DFT-s-OFDM 16QAM	1	1	21.50	21.36
					108	0	20.50	20.29
					216	0	20.50	20.27
				DFT-s-OFDM 64QAM	1	1	20.00	19.80
					108	0	19.00	18.73
					216	0	19.00	18.77
				DFT-s-OFDM 256QAM	1	1	18.00	17.89
					108	0	17.00	16.79
					216	0	17.00	16.79
				CP-OFDM QPSK	1	1	21.00	20.83
					108	0	20.00	19.77
					216	0	20.00	19.71
		136100	680.5	DFT-s-OFDM PI/2 BPSK	1	1	22.50	22.38
					108	0	21.50	21.45
					216	0	21.50	21.41
				DFT-s-OFDM QPSK	1	1	22.50	22.42
					108	0	21.50	21.48
					216	0	21.50	21.43
				DFT-s-OFDM 16QAM	1	1	21.50	21.42
					108	0	20.50	20.42
					216	0	20.50	20.37
				DFT-s-OFDM 64QAM	1	1	20.00	19.84
					108	0	19.00	18.94
					216	0	19.00	18.83
				DFT-s-OFDM 256QAM	1	1	18.00	17.87
					108	0	17.00	16.94
					216	0	17.00	16.88
				CP-OFDM QPSK	1	1	21.00	20.90
					108	0	20.00	19.90
					216	0	20.00	19.85
		137600	688.0	DFT-s-OFDM PI/2 BPSK	1	1	22.50	22.41
					108	0	21.50	21.43
					216	0	21.50	21.30
				DFT-s-OFDM QPSK	1	1	22.50	22.41
					108	0	21.50	21.44
					216	0	21.50	21.38
				DFT-s-OFDM 16QAM	1	1	21.50	21.38
					108	0	20.50	20.34
					216	0	20.50	20.30
				DFT-s-OFDM 64QAM	1	1	20.00	19.82
					108	0	19.00	18.86
					216	0	19.00	18.83
				DFT-s-OFDM 256QAM	1	1	18.00	17.86
					108	0	17.00	16.87
					216	0	17.00	16.85
				CP-OFDM QPSK	1	1	21.00	20.86
					108	0	20.00	19.90
					216	0	20.00	19.86

NR n77/78（3450-3550 MHz）

P-sensor off

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	10	630334	3455.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.50
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.55
		636332	3545.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.49
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	15	630500	3457.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.56
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.59
		636166	3542.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.53
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	20	630668	3460.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.59
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.65
		636000	3540.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.63
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	30	631000	3465.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.64
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.70
		635666	3535.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.72
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	40	631334	3470.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.69
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.73
		635332	3530.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.77
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	50	631668	3475.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.69
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.54
		635000	3525.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.67
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	60	632000	3480.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.73
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.60
		634666	3520.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.69
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	70	632334	3485.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.76
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.70
		634332	3515.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.74
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	80	632668	3490.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.77
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.75
		634000	3510.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.79
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	90	633000	3495.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.87
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.82
		633666	3505.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.82
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	100	633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.89
					135	0	23.00	22.84
					270	0	23.00	22.77
				DFT-s-OFDM QPSK	1	1	24.00	23.91
					135	0	23.00	22.85
					270	0	23.00	22.82
				DFT-s-OFDM 16QAM	1	1	23.00	22.83
					135	0	22.00	21.82
					270	0	22.00	21.73
				DFT-s-OFDM 64QAM	1	1	21.50	21.36
					135	0	20.50	20.34
					270	0	20.50	20.26
				DFT-s-OFDM 256QAM	1	1	19.50	19.37
					135	0	18.50	18.32
					270	0	18.50	18.29
				CP-OFDM QPSK	1	1	22.50	22.35
					135	0	21.50	21.29
					270	0	21.50	21.22

P-sensor off（MIMO2）

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	10	630334	3455.0	DFT-s-OFDM PI/2 BPSK	1	1	23.50	23.44
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	23.50	23.49
		636332	3545.0	DFT-s-OFDM PI/2 BPSK	1	1	23.50	23.43
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	15	630500	3457.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.50
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.53
		636166	3542.5	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.47
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	20	630668	3460.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.53
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.59
		636000	3540.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.57
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	30	631000	3465.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.58
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.64
		635666	3535.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.66
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	40	631334	3470.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.63
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.67
		635332	3530.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.71
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	50	631668	3475.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.63
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.48
		635000	3525.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.61
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	60	632000	3480.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.67
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.54
		634666	3520.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.63
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	70	632334	3485.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.70
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.64
		634332	3515.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.68
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	80	632668	3490.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.71
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.69
		634000	3510.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.73
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	90	633000	3495.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.81
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.76
		633666	3505.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.76
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	100	633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.78
					135	0	23.00	22.76
					270	0	23.00	22.79
				DFT-s-OFDM QPSK	1	1	24.00	23.85
					135	0	23.00	22.82
					270	0	23.00	22.81
				DFT-s-OFDM 16QAM	1	1	23.00	22.78
					135	0	22.00	21.81
					270	0	22.00	21.80
				DFT-s-OFDM 64QAM	1	1	21.50	21.30
					135	0	20.50	20.29
					270	0	20.50	20.31
				DFT-s-OFDM 256QAM	1	1	19.50	19.31
					135	0	18.50	18.27
					270	0	18.50	18.30
				CP-OFDM QPSK	1	1	22.50	22.29
					135	0	21.50	21.29
					270	0	21.50	21.21

P-sensor off（HPUE）

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	10	630334	3455.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.21
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.26
		636332	3545.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.20
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	15	630500	3457.5	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.27
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.30
		636166	3542.5	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.24
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	20	630668	3460.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.30
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.36
		636000	3540.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.34
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	30	631000	3465.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.35
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.41
		635666	3535.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.43
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	40	631334	3470.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.40
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.44
		635332	3530.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.48
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	50	631668	3475.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.40
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.25
		635000	3525.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.38
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	60	632000	3480.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.44
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.31
		634666	3520.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.40
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	70	632334	3485.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.47
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.41
		634332	3515.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.45
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	80	632668	3490.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.48
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.46
		634000	3510.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.50
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	90	633000	3495.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.58
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.53
		633666	3505.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.53
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	100	633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.49
					135	0	26.00	24.40
					270	0	26.00	24.40
				DFT-s-OFDM QPSK	1	1	27.00	25.62
					135	0	26.00	24.71
					270	0	26.00	24.62
				DFT-s-OFDM 16QAM	1	1	26.00	24.68
					135	0	25.00	23.58
					270	0	25.00	23.68
				DFT-s-OFDM 64QAM	1	1	24.50	23.05
					135	0	23.50	21.98
					270	0	23.50	22.01
				DFT-s-OFDM 256QAM	1	1	22.50	21.24
					135	0	21.50	20.22
					270	0	21.50	20.21
				CP-OFDM QPSK	1	1	25.50	24.22
					135	0	24.50	23.12
					270	0	24.50	23.16

P-sensor off（MIMO2 HPUE）

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	10	630334	3455.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.34
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.39
		636332	3545.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.33
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	15	630500	3457.5	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.40
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.43
		636166	3542.5	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.37
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	20	630668	3460.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.43
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.49
		636000	3540.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.47
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	30	631000	3465.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.48
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.54
		635666	3535.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.56
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	40	631334	3470.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.53
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.57
		635332	3530.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.61
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	50	631668	3475.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.53
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.38
		635000	3525.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.51
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	60	632000	3480.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.57
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.44
		634666	3520.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.53
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	70	632334	3485.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.60
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.54
		634332	3515.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.58
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	80	632668	3490.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.61
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.59
		634000	3510.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.63
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	90	633000	3495.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.71
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.66
		633666	3505.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.66
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	100	633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.59
					135	0	26.00	24.51
					270	0	26.00	24.55
				DFT-s-OFDM QPSK	1	1	27.00	25.75
					135	0	26.00	24.71
					270	0	26.00	24.70
				DFT-s-OFDM 16QAM	1	1	26.00	24.78
					135	0	25.00	23.69
					270	0	25.00	23.71
				DFT-s-OFDM 64QAM	1	1	24.50	23.15
					135	0	23.50	22.12
					270	0	23.50	21.06
				DFT-s-OFDM 256QAM	1	1	22.50	21.34
					135	0	21.50	20.32
					270	0	21.50	20.34
				CP-OFDM QPSK	1	1	25.50	24.32
					135	0	24.50	23.26
					270	0	24.50	23.32

P-sensor on

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	10	630334	3455.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.22
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.27
		636332	3545.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.10
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	15	630500	3457.5	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.28
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.31
		636166	3542.5	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.14
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	20	630668	3460.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.31
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.37
		636000	3540.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.24
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	30	631000	3465.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.36
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.42
		635666	3535.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.32
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	40	631334	3470.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.41
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.45
		635332	3530.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.37
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	50	631668	3475.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.41
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.26
		635000	3525.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.39
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	60	632000	3480.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.45
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.32
		634666	3520.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.41
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	70	632334	3485.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.48
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.42
		634332	3515.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.46
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	80	632668	3490.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.49
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.47
		634000	3510.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.51
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	90	633000	3495.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.59
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.54
		633666	3505.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.54
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	100	633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.58
					135	0	15.00	14.89
					270	0	15.00	14.46
				DFT-s-OFDM QPSK	1	1	16.00	15.63
					135	0	15.00	14.93
					270	0	15.00	14.54
				DFT-s-OFDM 16QAM	1	1	15.00	14.62
					135	0	14.00	13.87
					270	0	14.00	13.46
				DFT-s-OFDM 64QAM	1	1	13.50	13.10
					135	0	12.50	12.36
					270	0	12.50	12.04
				DFT-s-OFDM 256QAM	1	1	11.50	11.05
					135	0	10.50	10.34
					270	0	10.50	9.96
				CP-OFDM QPSK	1	1	14.50	14.13
					135	0	13.50	13.36
					270	0	13.50	12.96

P-sensor on（MIMO2）

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	10	630334	3455.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.24
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.29
		636332	3545.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.23
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	15	630500	3457.5	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.30
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.33
		636166	3542.5	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.27
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	20	630668	3460.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.33
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.39
		636000	3540.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.37
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	30	631000	3465.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.38
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.44
		635666	3535.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.46
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	40	631334	3470.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.43
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.47
		635332	3530.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.51
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	50	631668	3475.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.43
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.28
		635000	3525.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.41
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	60	632000	3480.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.47
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.34
		634666	3520.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.43
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	70	632334	3485.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.50
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.44
		634332	3515.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.48
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	80	632668	3490.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.51
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.49
		634000	3510.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.53
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	90	633000	3495.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.61
		633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.56
		633666	3505.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.56
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	100	633334	3500.0	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.57
					135	0	13.00	12.82
					270	0	13.00	12.70
				DFT-s-OFDM QPSK	1	1	14.00	13.65
					135	0	13.00	12.88
					270	0	13.00	12.76
				DFT-s-OFDM 16QAM	1	1	13.00	12.61
					135	0	12.00	11.79
					270	0	12.00	11.66
				DFT-s-OFDM 64QAM	1	1	11.50	11.08
					135	0	10.50	10.37
					270	0	10.50	10.19
				DFT-s-OFDM 256QAM	1	1	9.50	9.11
					135	0	8.50	8.32
					270	0	8.50	8.19
				CP-OFDM QPSK	1	1	12.50	12.10
					135	0	11.50	11.38
					270	0	11.50	11.18

NR n77/78（3700-3980 MHz）

P-sensor off

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
77/78	10	647000	3705.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.45
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.51
		665000	3975.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.45
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
77/78	15	647168	3707.520	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.49
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.58
		664832	3972.480	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.55
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
77/78	20	647334	3710.010	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.65
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.63
		664666	3969.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.60
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
77/78	30	647668	3715.020	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.68
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.76
		664332	3964.980	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.65
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
77/78	40	648000	3720.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.71
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.77
		664000	3960.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.69
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
77/78	50	648334	3725.010	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.68
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.61
		663666	3954.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.56
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
77/78	60	648668	3730.020	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.72
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.68
		663332	3949.980	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.66
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
77/78	70	649000	3735.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.75
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.70
		663000	3945.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.71
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
77/78	80	649334	3740.010	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.78
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.79
		662666	3939.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.79
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
77/78	90	649668	3745.020	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.87
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.88
		662332	3934.980	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.85
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
77/78	100	650000	3750.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.92
					135	0	23.00	22.86
					270	0	23.00	22.86
				DFT-s-OFDM QPSK	1	1	24.00	23.93
					135	0	23.00	22.91
					270	0	23.00	22.92
				DFT-s-OFDM 16QAM	1	1	23.00	22.92
					135	0	22.00	21.87
					270	0	22.00	21.86
				DFT-s-OFDM 64QAM	1	1	21.50	21.39
					135	0	20.50	20.38
					270	0	20.50	20.37
				DFT-s-OFDM 256QAM	1	1	19.50	19.39
					135	0	18.50	18.31
					270	0	18.50	18.37
				CP-OFDM QPSK	1	1	22.50	22.41
					135	0	21.50	21.37
					270	0	21.50	21.40
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.85
					135	0	23.00	22.76
					270	0	23.00	22.78
				DFT-s-OFDM QPSK	1	1	24.00	23.93
					135	0	23.00	22.84
					270	0	23.00	22.86
				DFT-s-OFDM 16QAM	1	1	23.00	22.93
					135	0	22.00	21.83
					270	0	22.00	21.79
				DFT-s-OFDM 64QAM	1	1	21.50	21.37
					135	0	20.50	20.30
					270	0	20.50	20.34
				DFT-s-OFDM 256QAM	1	1	19.50	19.42
					135	0	18.50	18.26
					270	0	18.50	18.31
				CP-OFDM QPSK	1	1	22.50	22.34
					135	0	21.50	21.30
					270	0	21.50	21.27
		662000	3930.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.89
					135	0	23.00	22.77
					270	0	23.00	22.86
				DFT-s-OFDM QPSK	1	1	24.00	23.93
					135	0	23.00	22.83
					270	0	23.00	22.88
				DFT-s-OFDM 16QAM	1	1	23.00	22.85
					135	0	22.00	21.80
					270	0	22.00	21.81
				DFT-s-OFDM 64QAM	1	1	21.50	21.35
					135	0	20.50	20.25
					270	0	20.50	20.32
				DFT-s-OFDM 256QAM	1	1	19.50	19.37
					135	0	18.50	18.31
					270	0	18.50	18.33
				CP-OFDM QPSK	1	1	22.50	22.41
					135	0	21.50	21.28
					270	0	21.50	21.29

P-sensor off（MIMO2）

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	10	647000	3705.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.37
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.38
		665000	3975.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.26
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	15	647168	3707.520	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.41
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.45
		664832	3972.480	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.36
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	20	647334	3710.010	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.57
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.50
		664666	3969.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.41
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	30	647668	3715.020	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.60
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.63
		664332	3964.980	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.46
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	40	648000	3720.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.63
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.64
		664000	3960.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.50
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	50	648334	3725.010	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.60
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.48
		663666	3954.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.37
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	60	648668	3730.020	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.64
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.55
		663332	3949.980	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.47
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	70	649000	3735.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.67
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.57
		663000	3945.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.52
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	80	649334	3740.010	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.70
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.66
		662666	3939.990	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.60
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	90	649668	3745.020	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.79
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.75
		662332	3934.980	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.66
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	100	650000	3750.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.83
					135	0	23.00	22.62
					270	0	23.00	22.79
				DFT-s-OFDM QPSK	1	1	24.00	23.85
					135	0	23.00	22.69
					270	0	23.00	22.79
				DFT-s-OFDM 16QAM	1	1	23.00	22.83
					135	0	22.00	21.66
					270	0	22.00	21.74
				DFT-s-OFDM 64QAM	1	1	21.50	21.32
					135	0	20.50	20.11
					270	0	20.50	20.25
				DFT-s-OFDM 256QAM	1	1	19.50	19.30
					135	0	18.50	18.18
					270	0	18.50	18.26
				CP-OFDM QPSK	1	1	22.50	22.35
					135	0	21.50	21.14
					270	0	21.50	21.27
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.74
					135	0	23.00	22.55
					270	0	23.00	22.71
				DFT-s-OFDM QPSK	1	1	24.00	23.80
					135	0	23.00	22.62
					270	0	23.00	22.76
				DFT-s-OFDM 16QAM	1	1	23.00	22.73
					135	0	22.00	21.54
					270	0	22.00	21.71
				DFT-s-OFDM 64QAM	1	1	21.50	21.24
					135	0	20.50	20.07
					270	0	20.50	20.20
				DFT-s-OFDM 256QAM	1	1	19.50	19.26
					135	0	18.50	18.09
					270	0	18.50	18.20
				CP-OFDM QPSK	1	1	22.50	22.24
					135	0	21.50	21.03
					270	0	21.50	21.22
		662000	3930.000	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.67
					135	0	23.00	22.56
					270	0	23.00	22.62
				DFT-s-OFDM QPSK	1	1	24.00	23.74
					135	0	23.00	22.62
					270	0	23.00	22.69
				DFT-s-OFDM 16QAM	1	1	23.00	22.67
					135	0	22.00	21.59
					270	0	22.00	21.64
				DFT-s-OFDM 64QAM	1	1	21.50	21.22
					135	0	20.50	20.02
					270	0	20.50	20.15
				DFT-s-OFDM 256QAM	1	1	19.50	19.23
					135	0	18.50	18.07
					270	0	18.50	18.10
				CP-OFDM QPSK	1	1	22.50	22.15
					135	0	21.50	21.12
					270	0	21.50	21.15

P-sensor off（HPUE）

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	10	647000	3705.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.19
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.21
		665000	3975.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.18
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	15	647168	3707.520	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.23
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.28
		664832	3972.480	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.28
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	20	647334	3710.010	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.39
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.33
		664666	3969.990	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.33
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	30	647668	3715.020	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.42
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.46
		664332	3964.980	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.38
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	40	648000	3720.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.45
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.47
		664000	3960.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.42
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	50	648334	3725.010	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.42
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.31
		663666	3954.990	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.29
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	60	648668	3730.020	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.46
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.38
		663332	3949.980	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.39
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	70	649000	3735.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.49
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.40
		663000	3945.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.44
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	80	649334	3740.010	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.52
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.49
		662666	3939.990	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.52
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	90	649668	3745.020	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.61
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.58
		662332	3934.980	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.58
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	100	650000	3750.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.54
					135	0	26.00	24.52
					270	0	26.00	24.52
				DFT-s-OFDM QPSK	1	1	27.00	25.67
					135	0	26.00	24.87
					270	0	26.00	24.71
				DFT-s-OFDM 16QAM	1	1	26.00	24.70
					135	0	25.00	23.67
					270	0	25.00	23.70
				DFT-s-OFDM 64QAM	1	1	24.50	23.18
					135	0	23.50	22.18
					270	0	23.50	21.16
				DFT-s-OFDM 256QAM	1	1	22.50	21.31
					135	0	21.50	20.27
					270	0	21.50	20.30
				CP-OFDM QPSK	1	1	25.50	24.23
					135	0	24.50	23.14
					270	0	24.50	23.20
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.48
					135	0	26.00	24.46
					270	0	26.00	24.44
				DFT-s-OFDM QPSK	1	1	27.00	25.63
					135	0	26.00	24.57
					270	0	26.00	24.61
				DFT-s-OFDM 16QAM	1	1	26.00	24.82
					135	0	25.00	23.76
					270	0	25.00	23.77
				DFT-s-OFDM 64QAM	1	1	24.50	23.16
					135	0	23.50	22.06
					270	0	23.50	22.09
				DFT-s-OFDM 256QAM	1	1	22.50	21.17
					135	0	21.50	20.11
					270	0	21.50	20.11
				CP-OFDM QPSK	1	1	25.50	24.18
					135	0	24.50	23.08
					270	0	24.50	23.15
		662000	3930.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.56
					135	0	26.00	24.53
					270	0	26.00	24.47
				DFT-s-OFDM QPSK	1	1	27.00	25.66
					135	0	26.00	24.72
					270	0	26.00	24.58
				DFT-s-OFDM 16QAM	1	1	26.00	24.70
					135	0	25.00	23.62
					270	0	25.00	23.62
				DFT-s-OFDM 64QAM	1	1	24.50	23.14
					135	0	23.50	22.11
					270	0	23.50	22.04
				DFT-s-OFDM 256QAM	1	1	22.50	21.19
					135	0	21.50	20.18
					270	0	21.50	20.18
				CP-OFDM QPSK	1	1	25.50	24.01
					135	0	24.50	22.95
					270	0	24.50	22.95

P-sensor off（MIMO2 HPUE）

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	10	647000	3705.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.37
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.40
		665000	3975.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.13
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	15	647168	3707.520	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.41
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.47
		664832	3972.480	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.23
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	20	647334	3710.010	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.57
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.52
		664666	3969.990	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.28
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	30	647668	3715.020	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.60
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.65
		664332	3964.980	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.33
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	40	648000	3720.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.63
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.66
		664000	3960.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.37
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	50	648334	3725.010	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.60
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.50
		663666	3954.990	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.24
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	60	648668	3730.020	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.64
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.57
		663332	3949.980	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.34
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	70	649000	3735.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.67
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.59
		663000	3945.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.39
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	80	649334	3740.010	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.70
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.68
		662666	3939.990	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.47
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	90	649668	3745.020	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.79
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.77
		662332	3934.980	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.53
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	100	650000	3750.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.72
					135	0	26.00	24.67
					270	0	26.00	24.71
				DFT-s-OFDM QPSK	1	1	27.00	25.85
					135	0	26.00	24.81
					270	0	26.00	24.84
				DFT-s-OFDM 16QAM	1	1	26.00	24.88
					135	0	25.00	23.87
					270	0	25.00	23.86
				DFT-s-OFDM 64QAM	1	1	24.50	23.36
					135	0	23.50	22.30
					270	0	23.50	21.24
				DFT-s-OFDM 256QAM	1	1	22.50	21.49
					135	0	21.50	20.43
					270	0	21.50	20.41
				CP-OFDM QPSK	1	1	25.50	24.41
					135	0	24.50	23.33
					270	0	24.50	23.34
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.67
					135	0	26.00	24.61
					270	0	26.00	24.64
				DFT-s-OFDM QPSK	1	1	27.00	25.82
					135	0	26.00	24.79
					270	0	26.00	24.72
				DFT-s-OFDM 16QAM	1	1	26.00	24.98
					135	0	25.00	23.90
					270	0	25.00	23.97
				DFT-s-OFDM 64QAM	1	1	24.50	23.35
					135	0	23.50	22.29
					270	0	23.50	22.28
				DFT-s-OFDM 256QAM	1	1	22.50	21.36
					135	0	21.50	20.32
					270	0	21.50	20.35
				CP-OFDM QPSK	1	1	25.50	24.37
					135	0	24.50	23.31
					270	0	24.50	23.30
		662000	3930.000	DFT-s-OFDM PI/2 BPSK	1	1	27.00	25.51
					135	0	26.00	24.41
					270	0	26.00	24.50
				DFT-s-OFDM QPSK	1	1	27.00	25.61
					135	0	26.00	24.53
					270	0	26.00	24.53
				DFT-s-OFDM 16QAM	1	1	26.00	24.65
					135	0	25.00	23.64
					270	0	25.00	23.61
				DFT-s-OFDM 64QAM	1	1	24.50	23.09
					135	0	23.50	22.09
					270	0	23.50	22.07
				DFT-s-OFDM 256QAM	1	1	22.50	21.14
					135	0	21.50	20.09
					270	0	21.50	20.10
				CP-OFDM QPSK	1	1	25.50	23.96
					135	0	24.50	22.86
					270	0	24.50	22.90

P-sensor on

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	10	647000	3705.000	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.50
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.50
		665000	3975.000	DFT-s-OFDM PI/2 BPSK	1	1	16.00	14.90
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	15	647168	3707.520	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.54
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.57
		664832	3972.480	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.00
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	20	647334	3710.010	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.70
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.62
		664666	3969.990	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.05
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	30	647668	3715.020	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.73
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.75
		664332	3964.980	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.10
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	40	648000	3720.000	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.76
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.76
		664000	3960.000	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.14
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	50	648334	3725.010	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.73
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.60
		663666	3954.990	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.01
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	60	648668	3730.020	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.77
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.67
		663332	3949.980	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.11
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	70	649000	3735.000	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.80
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.69
		663000	3945.000	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.16
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	80	649334	3740.010	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.83
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.78
		662666	3939.990	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.24
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	90	649668	3745.020	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.92
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.87
		662332	3934.980	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.30
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	100	650000	3750.000	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.93
					135	0	15.00	14.97
					270	0	15.00	14.88
				DFT-s-OFDM QPSK	1	1	16.00	15.98
					135	0	15.00	14.98
					270	0	15.00	14.94
				DFT-s-OFDM 16QAM	1	1	15.00	14.91
					135	0	14.00	13.90
					270	0	14.00	13.86
				DFT-s-OFDM 64QAM	1	1	13.50	13.38
					135	0	12.50	12.46
					270	0	12.50	12.37
				DFT-s-OFDM 256QAM	1	1	11.50	11.39
					135	0	10.50	10.48
					270	0	10.50	10.40
				CP-OFDM QPSK	1	1	14.50	14.41
					135	0	13.50	13.46
					270	0	13.50	13.38
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.91
					135	0	15.00	14.81
					270	0	15.00	14.82
				DFT-s-OFDM QPSK	1	1	16.00	15.92
					135	0	15.00	14.89
					270	0	15.00	14.85
				DFT-s-OFDM 16QAM	1	1	15.00	14.88
					135	0	14.00	13.82
					270	0	14.00	13.75
				DFT-s-OFDM 64QAM	1	1	13.50	13.37
					135	0	12.50	12.35
					270	0	12.50	12.28
				DFT-s-OFDM 256QAM	1	1	11.50	11.40
					135	0	10.50	10.35
					270	0	10.50	10.31
				CP-OFDM QPSK	1	1	14.50	14.36
					135	0	13.50	13.33
					270	0	13.50	13.35
		662000	3930.000	DFT-s-OFDM PI/2 BPSK	1	1	16.00	15.32
					135	0	15.00	14.65
					270	0	15.00	14.30
				DFT-s-OFDM QPSK	1	1	16.00	15.38
					135	0	15.00	14.69
					270	0	15.00	14.32
				DFT-s-OFDM 16QAM	1	1	15.00	14.32
					135	0	14.00	13.64
					270	0	14.00	13.30
				DFT-s-OFDM 64QAM	1	1	13.50	12.86
					135	0	12.50	12.13
					270	0	12.50	11.80
				DFT-s-OFDM 256QAM	1	1	11.50	10.84
					135	0	10.50	10.15
					270	0	10.50	9.82
				CP-OFDM QPSK	1	1	14.50	13.79
					135	0	13.50	13.17
					270	0	13.50	12.81

P-sensor on（MIMO2）

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	10	647000	3705.000	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.30
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.45
		665000	3975.000	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.27
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	15	647168	3707.520	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.34
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.52
		664832	3972.480	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.37
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	20	647334	3710.010	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.50
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.57
		664666	3969.990	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.42
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	30	647668	3715.020	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.53
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.70
		664332	3964.980	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.47
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	40	648000	3720.000	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.56
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.71
		664000	3960.000	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.51
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	50	648334	3725.010	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.53
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.55
		663666	3954.990	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.38
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	60	648668	3730.020	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.57
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.62
		663332	3949.980	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.48
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	70	649000	3735.000	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.60
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.64
		663000	3945.000	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.53
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	80	649334	3740.010	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.63
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.73
		662666	3939.990	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.61
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	90	649668	3745.020	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.72
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.82
		662332	3934.980	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.67
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
77/78	100	650000	3750.000	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.73
					135	0	13.00	12.77
					270	0	13.00	12.71
				DFT-s-OFDM QPSK	1	1	14.00	13.78
					135	0	13.00	12.80
					270	0	13.00	12.76
				DFT-s-OFDM 16QAM	1	1	13.00	12.72
					135	0	12.00	11.76
					270	0	12.00	11.70
				DFT-s-OFDM 64QAM	1	1	11.50	11.19
					135	0	10.50	10.29
					270	0	10.50	10.25
				DFT-s-OFDM 256QAM	1	1	9.50	9.18
					135	0	8.50	8.25
					270	0	8.50	8.17
				CP-OFDM QPSK	1	1	12.50	12.27
					135	0	11.50	11.26
					270	0	11.50	11.18
		656000	3840.000	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.81
					135	0	13.00	12.72
					270	0	13.00	12.76
				DFT-s-OFDM QPSK	1	1	14.00	13.87
					135	0	13.00	12.73
					270	0	13.00	12.79
				DFT-s-OFDM 16QAM	1	1	13.00	12.85
					135	0	12.00	11.64
					270	0	12.00	11.71
				DFT-s-OFDM 64QAM	1	1	11.50	11.29
					135	0	10.50	10.16
					270	0	10.50	10.28
				DFT-s-OFDM 256QAM	1	1	9.50	9.37
					135	0	8.50	8.22
					270	0	8.50	8.29
				CP-OFDM QPSK	1	1	12.50	12.35
					135	0	11.50	11.15
					270	0	11.50	11.28
		662000	3930.000	DFT-s-OFDM PI/2 BPSK	1	1	14.00	13.71
					135	0	13.00	12.68
					270	0	13.00	12.59
				DFT-s-OFDM QPSK	1	1	14.00	13.75
					135	0	13.00	12.70
					270	0	13.00	12.66
				DFT-s-OFDM 16QAM	1	1	13.00	12.74
					135	0	12.00	11.70
					270	0	12.00	11.59
				DFT-s-OFDM 64QAM	1	1	11.50	11.23
					135	0	10.50	10.16
					270	0	10.50	10.09
				DFT-s-OFDM 256QAM	1	1	9.50	9.21
					135	0	8.50	8.14
					270	0	8.50	8.12
				CP-OFDM QPSK	1	1	12.50	12.22
					135	0	11.50	11.15
					270	0	11.50	11.14

Note:

1. For more detail modulation, please reference " BTL-FCCP-7-2504T032 R00、BTL-FCCP-8-2504T032 R00、BTL-FCCP-9-2504T032 R00、BTL-FCCP-10-2504T032 R00、BTL-FCCP-11-2504T032 R00、BTL-FCCP-12-2504T032 R00、(FCC ID: 2AX2URW350RGLL)"

10 SAR TEST RESULTS

10.1 SAR test result

SAR test reults of WWAN

WCDMA

Body SAR													
P-sensor	Band	Mode	Freq	channel	distance (mm)	Ant Vendor	Ant	Test Position	Max Tune-up (dBm)	AVG Power (dBm)	SAR 1g	Reported SAR 1g	Note
on	UMTS Bnad II	RMC12.2K	1880.00	9400	0	SPEED	MIMO2	Bottom	17.50	17.16	0.210	0.227	
off		RMC12.2K	1880.00	9400	14			Bottom	24.50	24.14	0.549	**0.596**	
on	UMTS Bnad IV	RMC12.2K	1732.60	1413	0	SPEED	MIMO2	Bottom	15.00	14.86	0.278	0.287	
off		RMC12.2K	1732.60	1413	14			Bottom	24.50	24.18	0.882	0.949	
		RMC12.2K	1712.40	1312	14			Bottom	24.50	24.06	0.785	0.869	1
		RMC12.2K	1752.60	1513	14			Bottom	24.50	24.12	1.000	**1.091**	1
		RMC12.2K	1752.60	1513	14			Bottom	24.50	24.12	0.855	0.933	2
on	UMTS Bnad V	RMC12.2K	836.60	4183	0	SPEED	Main	Bottom	20.50	20.44	0.457	0.463	
off		RMC12.2K	836.60	4183	14			Bottom	24.50	23.90	0.434	**0.498**	

Note:
1. Highest reported SAR is > 0.8 W/kg. Added second highest power channel for this test position.
2. Repeated measurements are required only when the measured SAR is ≥0.80 W/kg. If the measured SAR values are < 1.45 W/kg with ≤20% variation, only one repeated measurement is required to reaffirm that the results are not expected to have substantial variations, which may introduce significant compliance concerns.
   Original SAR = 1.000 W/kg, therefore second times repeat SAR is required.
   Repeat SAR = 0.855 W/kg < 1.45 W/kg
   SAR variation= -14.50% < 20%

LTE

Body SAR															
P-sensor	Band	Mode	Freq	channel	RB	Offset	distance (mm)	Ant Vendor	Ant	Test Position	Max Tune-up (dBm)	AVG Power (dBm)	SAR 1g	Reported SAR 1g	Note
on	LTE Band 2/25	QPSK20M	1880.00	26340	1	0	0	SPEED	MIMO2	Bottom	16.50	16.47	0.185	0.186	
		QPSK20M	1880.00	26340	50	0	0			Bottom	15.50	15.45	0.188	0.190	
off		QPSK20M	1880.00	26340	1	0	14			Bottom	24.00	23.47	0.323	**0.365**	
		QPSK20M	1880.00	26340	50	0	14			Bottom	23.00	22.48	0.296	0.334	
on	LTE Band 4/66	QPSK20M	1745.00	132322	1	0	0	SPEED	MIMO2	Bottom	15.00	14.76	0.292	0.309	
		QPSK20M	1745.00	132322	50	0	0			Bottom	14.00	13.92	0.299	0.305	
off		QPSK20M	1745.00	132322	1	0	14			Bottom	24.00	23.48	0.605	**0.682**	
		QPSK20M	1745.00	132322	50	0	14			Bottom	23.00	22.49	0.569	0.640	
on	LTE Band 5/26	QPSK15M	836.50	26915	1	0	0	SPEED	Main	Bottom	20.00	19.83	0.413	0.429	
		QPSK15M	836.50	26915	36	0	0			Bottom	19.00	18.90	0.420	**0.430**	
off		QPSK15M	836.50	26915	1	0	14			Bottom	24.00	22.98	0.314	0.397	
		QPSK15M	836.50	26915	36	0	14			Bottom	23.00	21.85	0.263	0.343	
on	LTE Band 7	QPSK20M	2535.00	21100	1	0	0	SPEED	MIMO2	Bottom	11.50	11.39	0.088	0.090	
		QPSK20M	2535.00	21100	50	0	0			Bottom	10.50	10.48	0.089	0.089	
off		QPSK20M	2535.00	21100	1	0	14			Bottom	24.00	23.78	0.611	**0.643**	
		QPSK20M	2535.00	21100	50	0	14			Bottom	23.00	22.79	0.579	0.608	
on	LTE Band 12	QPSK10M	707.50	23095	1	0	0	SPEED	Main	Bottom	22.00	21.99	0.847	0.849	
		QPSK10M	704.00	23060	1	0	0			Bottom	22.00	21.92	0.851	0.867	1
		QPSK10M	711.00	23130	1	0	0			Bottom	22.00	21.82	0.867	0.904	1
		QPSK10M	707.50	23095	25	0	0			Bottom	21.00	20.98	0.964	0.968	
		QPSK10M	704.00	23060	25	0	0			Bottom	21.00	20.97	0.943	0.950	1
		QPSK10M	711.00	23130	25	0	0			Bottom	21.00	20.89	0.981	**1.006**	1
		QPSK10M	707.50	23095	50	0	0			Bottom	21.00	20.95	0.956	0.967	1
off		QPSK10M	707.50	23095	1	0	14			Bottom	24.00	23.40	0.297	0.341	
		QPSK10M	707.50	23095	25	0	14			Bottom	23.00	22.48	0.276	0.311	
on	LTE Band 13	QPSK10M	782.00	23230	1	0	0	SPEED	Main	Bottom	22.00	21.98	0.713	0.716	
		QPSK10M	782.00	23230	25	0	0			Bottom	21.00	20.94	0.781	**0.792**	
off		QPSK10M	782.00	23230	1	0	14			Bottom	24.00	23.27	0.333	0.394	
		QPSK10M	782.00	23230	25	0	14			Bottom	23.00	22.41	0.290	0.332	
on	LTE Band 14	QPSK10M	793.00	23330	1	0	0	SPEED	Main	Bottom	21.50	21.48	0.563	0.566	
		QPSK10M	793.00	23330	25	0	0			Bottom	20.50	20.47	0.595	**0.599**	
off		QPSK10M	793.00	23330	1	0	14			Bottom	24.00	23.46	0.297	0.336	
		QPSK10M	793.00	23330	25	0	14			Bottom	23.00	22.47	0.257	0.290	
on	LTE Band 17	QPSK10M	710.00	23790	1	0	0	SPEED	Main	Bottom	23.00	22.78	0.863	0.908	
		QPSK10M	709.00	23780	1	0	0			Bottom	23.00	22.75	0.858	0.909	1
		QPSK10M	711.00	23800	1	0	0			Bottom	23.00	22.69	0.864	**0.928**	1
		QPSK10M	710.00	23790	25	0	0			Bottom	22.00	21.98	0.786	0.790	
		QPSK10M	710.00	23790	50	0	0			Bottom	22.00	21.95	0.777	0.786	1
off		QPSK10M	710.00	23790	1	0	14			Bottom	24.00	23.40	0.307	0.352	
		QPSK10M	710.00	23790	25	0	14			Bottom	23.00	22.43	0.277	0.316	
on	LTE Band 30	QPSK10M	2310.00	27710	1	0	0	SPEED	MIMO2	Bottom	13.50	13.48	0.148	0.149	
		QPSK10M	2310.00	27710	25	0	0			Bottom	12.50	12.46	0.145	0.146	
off		QPSK10M	2310.00	27710	1	0	14			Bottom	23.00	22.76	0.373	**0.394**	
		QPSK10M	2310.00	27710	25	0	14			Bottom	22.00	21.79	0.326	0.342	
on	LTE Band 38	QPSK20M	2595.00	38000	1	0	0	SPEED	MIMO2	Bottom	17.50	17.48	0.153	0.154	
		QPSK20M	2595.00	38000	50	0	0			Bottom	16.50	16.49	0.152	0.152	
off		QPSK20M	2595.00	38000	1	0	14			Bottom	24.00	23.77	0.202	**0.213**	
		QPSK20M	2595.00	38000	50	0	14			Bottom	23.00	22.92	0.162	0.165	
on	LTE Band 41	QPSK20M	2593.00	40620	1	0	0	SPEED	MIMO2	Bottom	16.50	16.48	0.125	0.126	
		QPSK20M	2593.00	40620	50	0	0			Bottom	15.50	15.49	0.126	0.126	
off		QPSK20M	2593.00	40620	1	0	14			Bottom	24.00	23.80	0.231	**0.242**	
		QPSK20M	2593.00	40620	50	0	14			Bottom	23.00	22.90	0.188	0.192	
on	LTE Band 42	QPSK20M	3560.00	43190	1	0	0	SPEED	MIMO2	Bottom	15.50	15.47	0.069	0.070	
		QPSK20M	3560.00	43190	50	0	0			Bottom	14.50	14.49	0.069	0.069	
off		QPSK20M	3560.00	43190	1	0	14			Bottom	22.00	20.94	0.208	**0.265**	
		QPSK20M	3560.00	43190	50	0	14			Bottom	21.00	19.94	0.129	0.165	
on	LTE Band 43	QPSK20M	3650.00	44090	1	0	0	SPEED	MIMO2	Bottom	15.50	15.21	0.067	0.072	
		QPSK20M	3650.00	44090	50	0	0			Bottom	14.50	14.18	0.072	0.077	
off		QPSK20M	3650.00	44090	1	0	14			Bottom	22.00	20.76	0.184	**0.245**	
		QPSK20M	3650.00	44090	50	0	14			Bottom	21.00	19.86	0.093	0.121	
on	LTE Band 48	QPSK20M	3625.00	55990	1	0	0	SPEED	MIMO2	Bottom	15.50	15.48	0.065	0.065	
		QPSK20M	3625.00	55990	50	0	0			Bottom	14.50	14.44	0.072	0.073	
off		QPSK20M	3625.00	55990	1	0	14			Bottom	22.00	21.25	0.119	**0.141**	
		QPSK20M	3625.00	55990	50	0	14			Bottom	21.00	20.35	0.101	0.117	
on	LTE Band 71	QPSK20M	683.00	133322	1	0	0	SPEED	Main	Bottom	22.50	22.31	0.665	0.695	
		QPSK20M	683.00	133322	50	0	0			Bottom	21.50	21.29	0.727	0.763	
		QPSK20M	673.00	133222	50	0	0			Bottom	21.50	21.14	0.839	0.912	
		QPSK20M	688.00	133372	50	0	0			Bottom	21.50	21.21	0.979	**1.047**	
		QPSK20M	688.00	133372	50	0	0			Bottom	21.50	21.21	0.785	0.839	2
		QPSK20M	683.00	133322	100	0	0			Bottom	21.50	21.28	0.774	0.814	1
off		QPSK20M	683.00	133322	1	0	14			Bottom	24.00	23.48	0.224	0.252	
		QPSK20M	683.00	133322	50	0	14			Bottom	23.00	22.47	0.216	0.244	

Note:
1. Highest reported SAR is > 0.8 W/kg. Added second highest power channel for this test position.
2. Repeated measurements are required only when the measured SAR is ≥0.80 W/kg. If the measured SAR values are < 1.45 W/kg with ≤20% variation, only one repeated measurement is required to reaffirm that the results are not expected to have substantial variations, which may introduce significant compliance concerns.
   Original SAR = 0.979 W/kg, therefore second times repeat SAR is required.
   Repeat SAR = 0.785 W/kg < 1.45 W/kg
   SAR variation= -19.82% < 20%