



Test report No.: 2490236R-SAUSV01S-A

SAR Test Report

Product Name	Rugged Controller
Trademark	Trimble
Model and /or type reference	140000
Applicant's name / address	Trimble Inc. 5475 Kellenburger Rd., Dayton, Ohio 45424, United States
Manufacturer's name	Sysgration Ltd.
FCC ID	S9E-140000
Applicable Standard	IEEE 1528-2013 KDB 447498 D01 v06 KDB 865664 D01 v01r04
Test Result	Refer to Section 1.1
Verdict Summary	IN COMPLIANCE
Documented By (Senior Project Specialist / April Chen)	<i>April Chen</i>
Tested By (Senior Engineer / Luke Cheng)	<i>Luke Cheng</i>
Approved By (Assistant Manager / San Lin)	<i>San Lin</i>
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5. Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

Revision History

Report No.	Version	Description	Issued Date
2490236R-SAUSV01S-A	V1.0	Initial issue of report.	2024/12/04

1. General Information

1.1 EUT Description

Product Name	Rugged Controller
Trademark	Trimble
Model and /or type reference	140000
FCC ID	S9E-140000(Contains FCC ID: S9E-N7NEM92)
Frequency Range (Licensed)	WCDMA Band 2: 1850 MHz-1910 MHz WCDMA Band 4: 1710 MHz-1755 MHz WCDMA Band 5: 824 MHz-849 MHz LTE Band 2: 1850 MHz-1910 MHz LTE Band 4: 1710 MHz-1755 MHz LTE Band 5: 824 MHz-849 MHz LTE Band 7: 2500 MHz-2570 MHz LTE Band 12: 699 MHz-716 MHz LTE Band 13: 777 MHz-787 MHz LTE Band 14: 788 MHz-798 MHz LTE Band 17: 704 MHz-716 MHz LTE Band 25: 1850 MHz-1915 MHz LTE Band 26: 814 MHz-849 MHz LTE Band 41: 2496 MHz-2690 MHz LTE Band 42: 3450 MHz-3550 MHz LTE Band 48: 3550 MHz-3700 MHz LTE Band 66: 1710 MHz-1780 MHz LTE Band 71: 663 MHz-698 MHz 5G NR n2: 1850 MHz-1910 MHz 5G NR n5: 824 MHz-849 MHz 5G NR n7: 2500 MHz-2570 MHz 5G NR n12: 699 MHz-716 MHz 5G NR n13: 777 MHz-787 MHz 5G NR n14: 788 MHz-798 MHz 5G NR n25: 1850 MHz-1915 MHz 5G NR n26: 814 MHz-849 MHz 5G NR n30: 2305 MHz-2315 MHz 5G NR n41: 2496 MHz-2690 MHz 5G NR n48: 3550 MHz-3700 MHz 5G NR n66: 1710 MHz-1780 MHz 5G NR n70: 1695 MHz-1710 MHz 5G NR n71: 663 MHz-698 MHz 5G NR n77: 3700 MHz-3980 MHz, 3450MHz-3550MHz 5G NR n78: 3700 MHz-3800 MHz, 3450MHz-3550MHz

Frequency Range	WLAN 2.4GHz: 2412-2462MHz WLAN 5GHz: 5180-5240MHz, 5260-5320MHz, 5500-5700MHz, 5745-5825MHz, BT: 2402-2480MHz
Type of Modulation	802.11b: DSSS 802.11a/g/n/ac/ax: OFDM, OFDMA WCDMA: RMC 12.2Kbps, HSDPA, HSUPA LTE: QPSK, 16QAM, 64QAM, 256QAM 5G NR: DFT-s-OFDM/CP-OFDM, Pi/2 BPSK/QPSK/16QAM/64QAM/256QAM
Antenna Type	PIFA
Device Category	Portable
RF Exposure Environment	Uncontrolled

Summary of test result – Reported 1g SAR (W/kg)				
Test configuration	Licensed	DTS	NII	DSS(BT)
Body	0.513	0.239	0.144	0.032
Simultaneous	0.940	0.940	0.740	0.940
Summary of test result – Reported 10g SAR (W/kg)				
Test configuration	Licensed	DTS	NII	DSS(BT)
Extremity	1.165	1.083	0.524	0.299
Simultaneous	2.744	2.744	2.411	1.960

1.2 Antenna List

Antenna	Manufacturer	Part No.	Antenna Type	TX Bands
WWAN ANT 0	AWAN	ALL00-000013	PIFA	WCDMA: B2/B4/B5 LTE Band: B2/B4/B7/B12/B13/B14/B17/B25/B26/ B41/B66/B71 5GNR Band: n2/n5/n7/n12/n13/n14/n25/n26/n30/n41/ n48/n66/n70/n71/n77/n78
WWAN ANT 1	AWAN	ALL00-000015	PIFA	5GNR Band: n48/n71/n77/n78
WWAN ANT 2	AWAN	ALL6Y-100016	PIFA	5GNR Band: n41/n77/n78
WWAN ANT 3	AWAN	ALL6Y-100002	PIFA	LTE Band: B42/B48 5GNR Band: n77/n78
WLAN ANT Mian	AWAN	ALL00-000013	PIFA	WLAN2.4GHz/ WLAN 5GHz
WLAN ANT Aux	AWAN	ALL00-000015	PIFA	WLAN2.4GHz/ WLAN 5GHz
Bluetooth	AWAN	ALL00-000015	PIFA	BT

1.3 SAR Test Exclusion Calculation

According to KDB Publication 447498 D01, section 4.3.1, per the calculations of item 1 (Power(mW)/separation (mm)*sqrt(f(GHz))≤3.0), SAR is required as shown in the table below where calculated values are greater than 3.0 :

According to KDB Publication 447498 D01, section 4.3.1, per the calculations of item 1 (Power(mW)/separation (mm)*sqrt(f(GHz))≤7.5), Limb SAR is required as shown in the table below where calculated values are greater than 7.5 :

Based on the device's operational configuration, the back does not require evaluation for Body SAR. This excludes scenarios involving Limbs SAR usage.

SAR exclusion calculations for antenna < 50mm from the user :

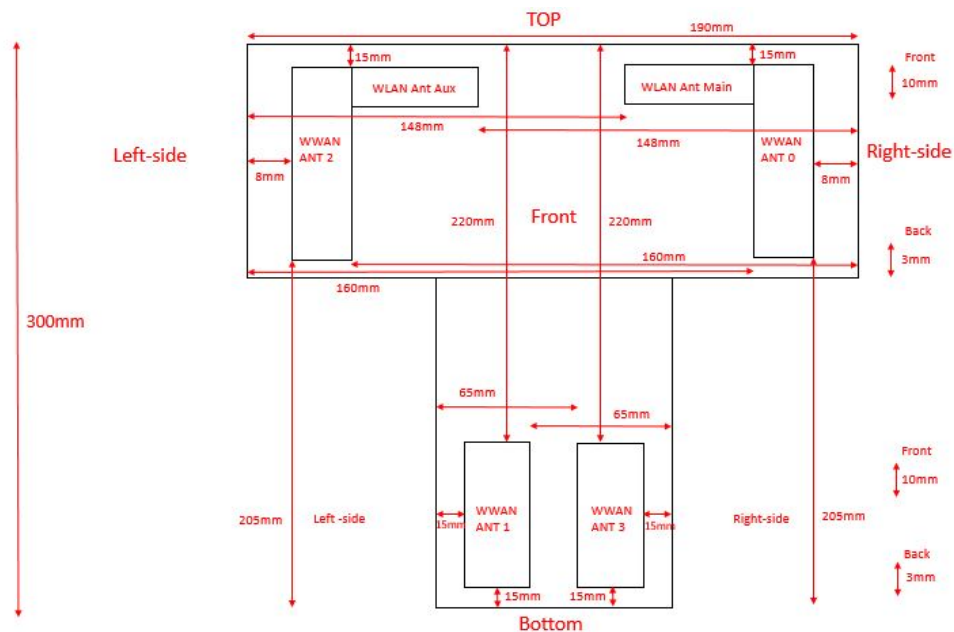
Antenna	Tx	Frequency(MHz)	Output Power		Separation distances (mm)						Calculated Threshold Value (≤3.0 for 1-g Body SAR is not required)					
			dBm	mW	Back	Right	Left	Top	Bottom	Front	Back	Right	Left	Top	Bottom	Front
WLAN Main	WiFi	2462	20.0	100.00	3	8	148	15	205	10	31.4	19.6	>50mm	10.5	>50mm	15.7
WLAN Main	WiFi	5240	12.0	15.85	3	8	148	15	205	10	7.3	4.5	>50mm	2.4	>50mm	3.6
WLAN Main	WiFi	5320	12.0	15.85	3	8	148	15	205	10	7.3	4.6	>50mm	2.4	>50mm	3.7
WLAN Main	WiFi	5700	10.5	11.22	3	8	148	15	205	10	5.4	3.3	>50mm	1.8	>50mm	2.7
WLAN Main	WiFi	5825	10.0	10.00	3	8	148	15	205	10	4.8	3.0	>50mm	1.6	>50mm	2.4
WLAN Aux	WiFi	2462	21.0	126	3	148	8	15	205	10	39.5	>50mm	24.7	13.2	>50mm	19.8
WLAN Aux	WiFi	5240	13.0	20	3	148	8	15	205	10	9.1	>50mm	5.7	3.0	>50mm	4.6
WLAN Aux	WiFi	5320	13.0	20	3	148	8	15	205	10	9.2	>50mm	5.8	3.1	>50mm	4.6
WLAN Aux	WiFi	5700	13.0	20	3	148	8	15	205	10	9.5	>50mm	6.0	3.2	>50mm	4.8
WLAN Aux	WiFi	5825	13.0	20	3	148	8	15	205	10	9.6	>50mm	6.0	3.2	>50mm	4.8
WLAN Aux	Bluetooth	2480	15.0	32	3	148	8	15	205	10	10.0	>50mm	6.2	3.3	>50mm	5.0
WWAN Ant 0	WCDMA B2	1907.6	23.0	200	3	8	160	15	205	10	55.1	34.4	>50mm	18.4	>50mm	27.6
WWAN Ant 0	WCDMA B4	1752.6	23.0	200	3	8	160	15	205	10	52.8	33.0	>50mm	17.6	>50mm	26.4
WWAN Ant 0	WCDMA B5	846.6	24.5	282	3	8	160	15	205	10	51.9	32.4	>50mm	17.3	>50mm	25.9
WWAN Ant 0	LTE B2	1900	24.0	251	3	8	160	15	205	10	69.2	43.3	>50mm	23.1	>50mm	34.6
WWAN Ant 0	LTE B4	1745	23.0	200	3	8	160	15	205	10	52.7	32.9	>50mm	17.6	>50mm	26.4
WWAN Ant 0	LTE B5	844	24.5	282	3	8	160	15	205	10	51.8	32.4	>50mm	17.3	>50mm	25.9
WWAN Ant 0	LTE B7	2560	24.0	251	3	8	160	15	205	10	80.4	50.2	>50mm	26.8	>50mm	40.2
WWAN Ant 0	LTE B12	711	24.0	251	3	8	160	15	205	10	42.4	26.5	>50mm	14.1	>50mm	21.2
WWAN Ant 0	LTE B13	782	24.5	282	3	8	160	15	205	10	49.8	31.2	>50mm	16.6	>50mm	24.9
WWAN Ant 0	LTE B14	793	24.0	251	3	8	160	15	205	10	44.7	28.0	>50mm	14.9	>50mm	22.4

WWAN Ant 0	LTE B17	711	24.0	251	3	8	160	15	205	10	42.4	26.5	>50mm	14.1	>50mm	21.2
WWAN Ant 0	LTE B25	1905	23.5	224	3	8	160	15	205	10	61.8	38.6	>50mm	20.6	>50mm	30.9
WWAN Ant 0	LTE B26	841.5	24.0	251	3	8	160	15	205	10	46.1	28.8	>50mm	15.4	>50mm	23.0
WWAN Ant 0	LTE B41	2680	26.0	398	3	8	160	15	205	10	130.3	81.5	>50mm	43.4	>50mm	65.2
WWAN Ant 0	LTE B66	1770	22.5	178	3	8	160	15	205	10	47.3	29.6	>50mm	15.8	>50mm	23.7
WWAN Ant 0	LTE B71	688	24.0	251	3	8	160	15	205	10	41.7	26.0	>50mm	13.9	>50mm	20.8
WWAN Ant 0	NR n2	1900	24.0	251	3	8	148	15	205	10	69.2	43.3	>50mm	23.1	>50mm	34.6
WWAN Ant 0	NR n5	844	25.5	355	3	8	148	15	205	10	65.2	40.7	>50mm	21.7	>50mm	32.6
WWAN Ant 0	NR n7	2560	25.5	355	3	8	148	15	205	10	113.5	71.0	>50mm	37.8	>50mm	56.8
WWAN Ant 0	NR n12	711	25.5	355	3	8	148	15	205	10	59.8	37.4	>50mm	19.9	>50mm	29.9
WWAN Ant 0	NR n13	782	25.5	355	3	8	148	15	205	10	62.8	39.2	>50mm	20.9	>50mm	31.4
WWAN Ant 0	NR n14	793	25.5	355	3	8	148	15	205	10	63.2	39.5	>50mm	21.1	>50mm	31.6
WWAN Ant 0	NR n25	1905	24.0	251	3	8	148	15	205	10	69.3	43.3	>50mm	23.1	>50mm	34.7
WWAN Ant 0	NR n26	839	25.5	355	3	8	148	15	205	10	65.0	40.6	>50mm	21.7	>50mm	32.5
WWAN Ant 0	NR n30	2310	23.5	224	3	8	148	15	205	10	68.1	42.5	>50mm	22.7	>50mm	34.0
WWAN Ant 0	NR n41	2640	27.5	562	3	8	148	15	205	10	182.7	114.2	>50mm	60.9	>50mm	91.4
WWAN Ant 0	NR n66	1760	23.0	200	3	8	148	15	205	10	52.9	33.1	>50mm	17.6	>50mm	26.5
WWAN Ant 0	NR n70	1702.5	23.0	200	3	8	148	15	205	10	52.1	32.5	>50mm	17.4	>50mm	26.0
WWAN Ant 0	NR n71	688	25.5	355	3	8	148	15	205	10	58.9	36.8	>50mm	19.6	>50mm	29.4
WWAN Ant 1	NR n48	3550.86	25.5	354.81	3	65	15	15	220	10	133.7	>50mm	44.6	44.6	>50mm	66.9
WWAN Ant 1	NR n77	4149.99	23.0	199.53	3	65	15	15	220	10	81.3	>50mm	27.1	27.1	>50mm	40.6
WWAN Ant 1	NR n78	3750	22.5	177.83	3	65	15	15	220	10	68.9	>50mm	23.0	23.0	>50mm	34.4
WWAN Ant 2	NR n41_HPUE	2640	27.5	562	3	160	8	15	205	10	182.7	>50mm	114.2	60.9	>50mm	91.4
WWAN Ant 2	NR n77	4149.99	23.0	199.53	3	160	8	15	205	10	81.3	>50mm	50.8	27.1	>50mm	40.6
WWAN Ant 2	NR n78	3750	22.5	177.83	3	160	8	15	205	10	68.9	>50mm	43.0	23.0	>50mm	34.4
WWAN Ant 3	LTE B42	3590	22.0	158.49	3	15	65	220	15	10	60.1	20.0	>50mm	>50mm	20.0	30.0
WWAN Ant 3	LTE B48	3690	23.5	223.87	3	15	65	220	15	10	86.0	28.7	>50mm	>50mm	28.7	43.0
WWAN Ant 3	NR n48	3550.86	25.5	355	3	15	65	220	15	10	133.7	44.6	>50mm	>50mm	44.6	66.9
WWAN Ant 3	NR n77	4149.99	23.0	199.53	3	15	65	220	15	10	81.3	27.1	>50mm	>50mm	27.1	40.6
WWAN Ant 3	NR n78	3750	22.5	177.83	3	15	65	220	15	10	68.9	23.0	>50mm	>50mm	23.0	34.4

SAR exclusion calculations for antenna > 50mm from the user :

Antenna	Tx	Frequency(MHz)	Output Power		Separation distances (mm)						Calculated Threshold Value (SAR test exclusion power, mW)					
			dBm	mW	Back	Right	Left	Top	Bottom	Front	Back	Right	Left	Top	Bottom	Front
WLAN Main	WiFi	2462	20.0	100.00	3	8	148	15	205	10	<50mm	<50mm	1075.6	<50mm	1645.6	<50mm
WLAN Main	WiFi	5240	12.0	15.85	3	8	148	15	205	10	<50mm	<50mm	1045.5	<50mm	1615.5	<50mm
WLAN Main	WiFi	5320	12.0	15.85	3	8	148	15	205	10	<50mm	<50mm	1045.0	<50mm	1615.0	<50mm
WLAN Main	WiFi	5700	10.5	11.22	3	8	148	15	205	10	<50mm	<50mm	1042.8	<50mm	1612.8	<50mm
WLAN Main	WiFi	5825	10.0	10.00	3	8	148	15	205	10	<50mm	<50mm	1042.2	<50mm	1612.2	<50mm
WLAN Aux	WiFi	2462	21.0	126	3	148	8	15	205	10	<50mm	1075.6	<50mm	<50mm	1645.6	<50mm
WLAN Aux	WiFi	5240	13.0	20	3	148	8	15	205	10	<50mm	1045.5	<50mm	<50mm	1615.5	<50mm
WLAN Aux	WiFi	5320	13.0	20	3	148	8	15	205	10	<50mm	1045.0	<50mm	<50mm	1615.0	<50mm
WLAN Aux	WiFi	5700	13.0	20	3	148	8	15	205	10	<50mm	1042.8	<50mm	<50mm	1612.8	<50mm
WLAN Aux	WiFi	5825	13.0	20	3	148	8	15	205	10	<50mm	1042.2	<50mm	<50mm	1612.2	<50mm
WLAN Aux	Bluetooth	2480	15.0	32	3	148	8	15	205	10	<50mm	1075.3	<50mm	<50mm	1645.3	<50mm
WWAN Ant 0	WCDMA B2	1907.6	23.0	200	3	8	160	15	205	10	<50mm	<50mm	1208.6	<50mm	1658.6	<50mm
WWAN Ant 0	WCDMA B4	1752.6	23.0	200	3	8	160	15	205	10	<50mm	<50mm	1213.3	<50mm	1663.3	<50mm
WWAN Ant 0	WCDMA B5	846.6	24.5	282	3	8	160	15	205	10	<50mm	<50mm	783.9	<50mm	1037.8	<50mm
WWAN Ant 0	LTE B2	1900	24.0	251	3	8	160	15	205	10	<50mm	<50mm	1208.8	<50mm	1658.8	<50mm
WWAN Ant 0	LTE B4	1745	23.0	200	3	8	160	15	205	10	<50mm	<50mm	1213.6	<50mm	1663.6	<50mm
WWAN Ant 0	LTE B5	844	24.5	282	3	8	160	15	205	10	<50mm	<50mm	782.2	<50mm	1035.4	<50mm
WWAN Ant 0	LTE B7	2560	24.0	251	3	8	160	15	205	10	<50mm	<50mm	1193.8	<50mm	1643.8	<50mm
WWAN Ant 0	LTE B12	711	24.0	251	3	8	160	15	205	10	<50mm	<50mm	699.3	<50mm	912.6	<50mm
WWAN Ant 0	LTE B13	782	24.5	282	3	8	160	15	205	10	<50mm	<50mm	743.1	<50mm	977.7	<50mm
WWAN Ant 0	LTE B14	793	24.0	251	3	8	160	15	205	10	<50mm	<50mm	750.0	<50mm	987.9	<50mm
WWAN Ant 0	LTE B17	711	24.0	251	3	8	160	15	205	10	<50mm	<50mm	699.3	<50mm	912.6	<50mm
WWAN Ant 0	LTE B25	1905	23.5	224	3	8	160	15	205	10	<50mm	<50mm	1208.7	<50mm	1658.7	<50mm
WWAN Ant 0	LTE B26	841.5	24.0	251	3	8	160	15	205	10	<50mm	<50mm	780.6	<50mm	1033.1	<50mm
WWAN Ant 0	LTE B41	2680	26.0	398	3	8	160	15	205	10	<50mm	<50mm	1191.6	<50mm	1641.6	<50mm
WWAN Ant 0	LTE B66	1770	22.5	178	3	8	160	15	205	10	<50mm	<50mm	1212.7	<50mm	1662.7	<50mm
WWAN Ant 0	LTE B71	688	24.0	251	3	8	160	15	205	10	<50mm	<50mm	685.4	<50mm	891.8	<50mm
WWAN Ant 0	NR n2	1900	24.0	251	3	8	160	15	205	10	<50mm	<50mm	1208.8	<50mm	1658.8	<50mm
WWAN Ant 0	NR n5	844	25.5	355	3	8	160	15	205	10	<50mm	<50mm	782.2	<50mm	1035.4	<50mm
WWAN Ant 0	NR n7	2560	25.5	355	3	8	160	15	205	10	<50mm	<50mm	1193.8	<50mm	1643.8	<50mm
WWAN Ant 0	NR n12	711	25.5	355	3	8	160	15	205	10	<50mm	<50mm	699.3	<50mm	912.6	<50mm

WWAN Ant 0	NR n13	782	25.5	355	3	8	160	15	205	10	<50mm	<50mm	743.1	<50mm	977.7	<50mm
WWAN Ant 0	NR n14	793	25.5	355	3	8	160	15	205	10	<50mm	<50mm	750.0	<50mm	987.9	<50mm
WWAN Ant 0	NR n25	1905	24.0	251	3	8	160	15	205	10	<50mm	<50mm	1208.7	<50mm	1658.7	<50mm
WWAN Ant 0	NR n26	839	25.5	355	3	8	148	15	205	10	<50mm	<50mm	711.9	<50mm	1030.7	<50mm
WWAN Ant 0	NR n30	2310	23.5	224	3	8	148	15	205	10	<50mm	<50mm	1078.7	<50mm	1648.7	<50mm
WWAN Ant 0	NR n41	2640	27.5	562	3	8	148	15	205	10	<50mm	<50mm	1072.3	<50mm	1642.3	<50mm
WWAN Ant 0	NR n66	1760	23.0	200	3	8	148	15	205	10	<50mm	<50mm	1093.1	<50mm	1663.1	<50mm
WWAN Ant 0	NR n70	1702.5	23.0	200	3	8	148	15	205	10	<50mm	<50mm	1095.0	<50mm	1665.0	<50mm
WWAN Ant 0	NR n71	688	25.5	355	3	8	148	15	205	10	<50mm	<50mm	630.3	<50mm	891.8	<50mm
WWAN Ant 1	NR n48	3550.86	25.5	354.81	3	65	15	15	220	10	<50mm	229.6	<50mm	<50mm	1779.6	<50mm
WWAN Ant 1	NR n77	4149.99	23.0	199.53	3	65	15	15	220	10	<50mm	223.6	<50mm	<50mm	1773.6	<50mm
WWAN Ant 1	NR n78	3750	22.5	177.83	3	65	15	15	220	10	<50mm	227.5	<50mm	<50mm	1777.5	<50mm
WWAN Ant 2	NR n41	2640	27.5	562	3	160	8	15	205	10	<50mm	1192.3	<50mm	<50mm	1642.3	<50mm
WWAN Ant 2	NR n77	4149.99	23.0	199.53	3	160	8	15	205	10	<50mm	1173.6	<50mm	<50mm	1623.6	<50mm
WWAN Ant 2	NR n78	3750	22.5	177.83	3	160	8	15	205	10	<50mm	1177.5	<50mm	<50mm	1627.5	<50mm
WWAN Ant 3	LTE B42	3590	22.0	158.49	3	15	65	220	15	10	<50mm	<50mm	229.2	1779.2	<50mm	<50mm
WWAN Ant 3	LTE B48	3690	23.5	223.87	3	15	65	220	15	10	<50mm	<50mm	228.1	1778.1	<50mm	<50mm
WWAN Ant 3	NR n48	3550.86	25.5	355	3	15	65	220	15	10	<50mm	<50mm	229.6	1779.6	<50mm	<50mm
WWAN Ant 3	NR n77	4149.99	23.0	199.53	3	15	65	220	15	10	<50mm	<50mm	223.6	1773.6	<50mm	<50mm
WWAN Ant 3	NR n78	3750	22.5	177.83	3	15	65	220	15	10	<50mm	<50mm	227.5	1777.5	<50mm	<50mm



1.4 Test Environment

Ambient conditions in the laboratory:

Test Date: 2024/10/01 - 2024/11/02

Items	Required	Actual
Temperature (°C)	18-25	23 ± 2
Humidity (%RH)	30-70	50 ± 20

USA	FCC Designation Number: TW0033
Canada	CAB Identifier Number: TW3023 / Company Number: 26930

Site Description	Accredited by TAF
	Accredited Number: 3023

Test Laboratory	DEKRA Testing and Certification Co., Ltd.
	Linkou Laboratory
Address	No.5-22, Ruishukeng Linkou District, New Taipei City, 24451, Taiwan, R.O.C
Performed Location	No. 26, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan, R.O.C.
Phone Number	+886-3-275-7255
Fax Number	+886-3-327-8031

1.5 Measurement procedures

IEEE 1528-2013

47CFR § 2.1093

KDB 248227 D01 v02r02

KDB 447498 D01 v06

KDB 616217 D04 v01r02

KDB 865664 D01 v01r04

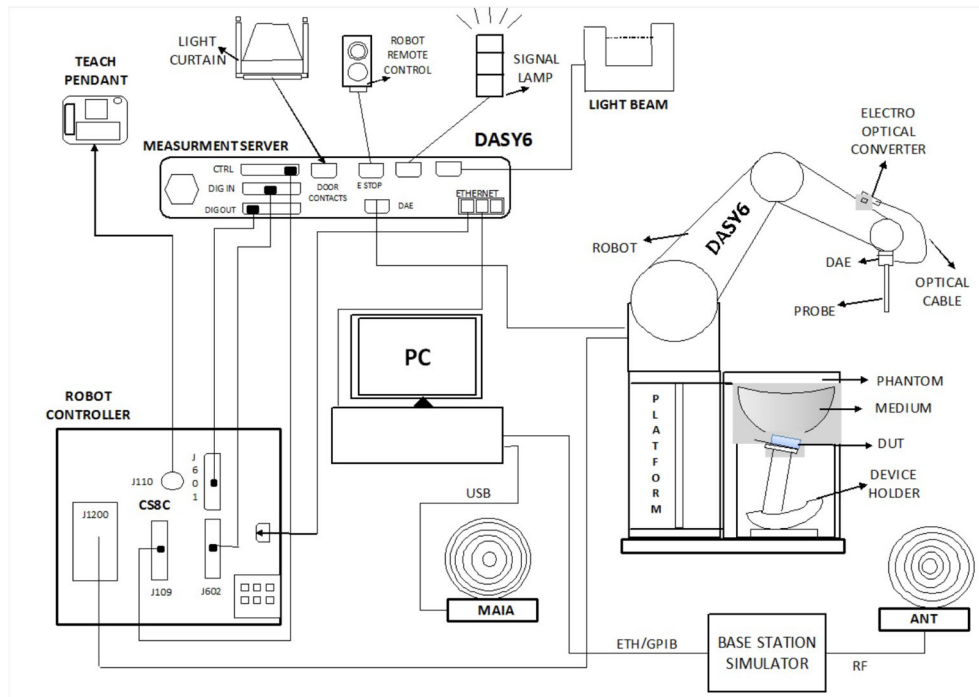
KDB 941225 D01 v03r01

KDB 941225 D05 v02r05

2. SAR Measurement System

2.1 DASY System Description

SAR Configurations is shown below:



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

- A standard high precision 6-axis robot with controller, teach pendant and software. An arm extension for accommodating the data acquisition electronics (DAE).
- A data acquisition electronics (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.
- The Electro-optical converter (EOC) performs the conversion from optical to electrical signals for the digital communication to the DAE. To use optical surface detection, a special version of the EOC is required. The EOC signal is transmitted to the measurement server.
- The Light Beam used is for probe alignment. This improves the (absolute) accuracy of the probe positioning.
- A computer running Win7/8/10 and the DASY software.
- Remote control and teach pendant as well as additional circuitry for robot safety such as warning lamps, etc.
- The phantom, the device holder and other accessories according to the targeted measurement.

2.2 Area Scans

Area scans are defined prior to the measurement process being executed with a user defined variable spacing between each measurement point (integral) allowing low uncertainty measurements to be conducted. Scans defined for utilize a 10mm² step integral, with 1mm interpolation used to locate the peak SAR area used for zoom scan assessments.

When an Area Scan has measured all reachable points, it computes the field maxima found in the scanned area, within a range of the global maximum. The range (in dB) is specified in the standards for compliance testing.

2.2.1 Zoom Scan (Cube Scan Averaging)

Zoom Scans are used to assess the peak spatial SAR values within a cubic averaging volume containing 1 g and 10 g of simulated tissue. A density of 1000 kg/m³ is used to represent the head and body tissue density and not the phantom liquid density, in order to be consistent with the definition of the liquid dielectric properties, i.e. the side length of the 1 g cube is 10mm, with the side length of the 10 g cube 21,5mm.

The zoom scan integer steps can be user defined so as to reduce uncertainty, but normal practice for typical test applications utilize a physical step of 5x5x7 (8mmx8mmx5mm) providing a volume of 32mm in the X & Y axis, and 30mm in the Z axis.

2.2.2 SAR measurement drifts

Before an area scan and after the zoom scan, single point SAR measurements are performed at defined locations to estimate the SAR measurement drift due to device output power variations. If a device is known to drift randomly, additional single point drift reference measurements should be performed at regular intervals throughout the area and zoom scan test durations. The SAR drift shall be kept within $\pm 5\%$, whether there are substantial drifts or not. The field difference will be calculated in dB units in the DASY software.

2.2.3 Uncertainty of Inter-/Extrapolation and Averaging

In order to evaluate the uncertainty of the interpolation, extrapolation and averaged SAR calculation algorithms of the Postprocessor, DASY allows the generation of measurement grids which are artificially predefined by analytically based test functions. Therefore, the grids of area scans and zoom scans can be filled with uncertainty test data, according to the SAR benchmark functions.

2.3 DASY E-Field Probe

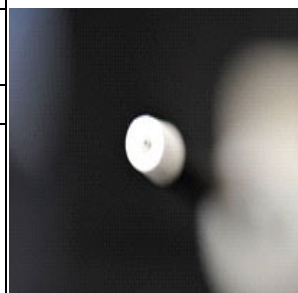
The SAR measurement is conducted with the dosimetric probe manufactured by SPEAG. The probe is specially designed and calibrated for use in liquid with high permittivity. The dosimetric probe has special calibration in liquid at different frequency.

SPEAG conducts the probe calibration in compliance with international and national standards under ISO 17025. The calibration data are in Appendix D.

Isotropic E-Field Probe Specification

Model	Ex3DV4	
Construction	Symmetrical design with triangular core Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)	
Frequency	4 MHz – 10 GHz Linearity: ± 0.2 dB (30 MHz to 10 GHz)	
Directivity	± 0.1 dB in TSL (rotation around probe axis) ± 0.3 dB in TSL (rotation normal to probe axis)	
Dynamic Range	10 µW/g to 100 mW/g Linearity: ± 0.2 dB (noise: typically < 1 µW/g)	
Dimensions	Overall length: 337 mm (Tip: 20 mm) Tip diameter: 2.5 mm (Body: 12 mm) Typical distance from probe tip to dipole centers: 1 mm	
Application	High precision dosimetric measurements in any exposure scenario (e.g., very strong gradient fields). Only probe which enables compliance testing for frequencies up to 6 GHz with precision of better 30%.	

E-Field mm-Wave Probe Specification

Model	EUmmWVx	
Construction	Two dipoles optimally arranged to obtain pseudo-vector information Minimum three measurements/point, 120° rotated around probe axis Sensors (0.8 mm length) printed on glass substrate protected by high density foam	
Frequency	750 MHz to 110 GHz	
Dynamic Range	< 20 V/m to 10000 V/m with PRE-10 (min < 20 V/m to 2000 V/m)	
Position Precision	< 0.2 mm	
Dimensions	Overall length: 337 mm (tip: 20 mm) Tip diameter: encapsulation 8 mm (internal sensor < 1mm) Distance from probe tip to dipole centers: < 2 mm Sensor displacement to probe's calibration point: < 0.3 mm	
Application	E-field measurements of 5G devices and other mm-wave transmitters operating above 10GHz in < 2 mm distance from device (free-space) Power density, H-field, and far-field analysis using total field reconstruction	

2.4 DATA Acquisition Electronics (DAE) and Measurement Server

The data acquisition electronics (DAE) consists of a highly sensitive electrometer-grade preamplifier with auto-zeroing, a channel and gain-switching multiplexer, a fast 16-bit AD-converter and a command decoder and control logic unit.

Transmission to the measurement server is accomplished through an optical downlink for data and status information as well as an optical uplink for commands and the clock.

The input impedance of the DAE4 is 200M Ohm; the inputs are symmetrical and floating. Common mode rejection is above 80dB.



2.5 Robot

The DASY system uses the high precision robots TX90 XL type out of the newer series from Stäubli SA (France). For the 6-axis controller DASY system, the CS8C robot controller version from Stäubli is used.

The XL robot series have many features that are important for our application:

- High precision (repeatability 0.02 mm)
- High reliability (industrial design)
- Jerk-free straight movements
- Low ELF interference (the closed metallic construction shields against motor control fields)
- 6-axis controller

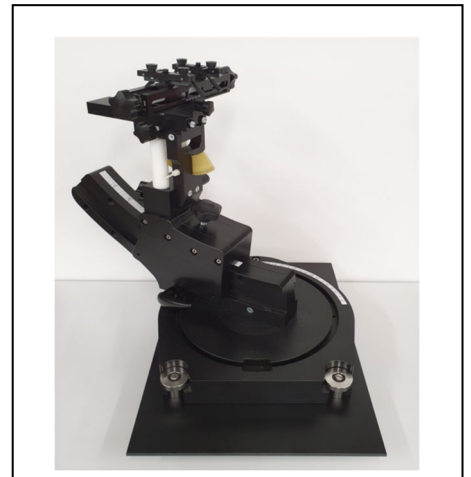


2.6 Device Holder

The DASY device holder is designed to cope with different positions given in the standard. It has two scales for the device rotation (with respect to the body axis) and the device inclination (with respect to the line between the ear reference points). The rotation center for both scales is the ear reference point (EPR).

Thus the device needs no repositioning when changing the angles.

The DASY device holder has been made out of low-loss POM material having the following dielectric parameters: relative permittivity $\epsilon_r = 3$ and loss tangent $\delta = 0.02$. The amount of dielectric material has been reduced in the closest vicinity of the device, since measurements have suggested that the influence of the clamp on the test results could thus be lowered.

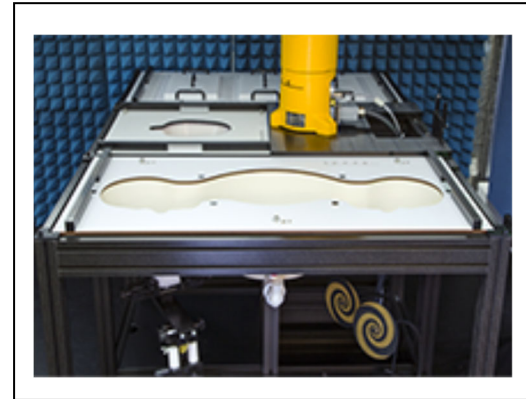


2.7 Phantom

2.7.1 SAM Twin Phantom

The SAM twin phantom is a fiberglass shell phantom with 2mm shell thickness (except the ear region where shell thickness increases to 6mm). It has three measurement areas:

- Left head
- Right head
- Flat phantom



The device holder positions are adjusted to the standard measurement positions in the three sections. A cover is provided to tap the phantom during off-periods to prevent water evaporation and changes in the liquid parameters. On the phantom top, three reference markers are provided to identify the phantom position with respect to the robot.

2.7.2 mmWave Phantom

The mmWave Phantom approximates free-space conditions, allowing to evaluate not only the antenna side of the device but also the front (screen) side or any opposite-radiating side of wireless devices operating above 10 GHz without distorting the RF field. It consists of a 40 mm thick Rohacell plate used as a test bed, which has a loss tangent ($\tan \delta$) ≤ 0.05 and a relative permittivity (ϵ_r) ≤ 1.2 . High-performance RF absorbers are placed below the foam.



3. Tissue Simulating Liquid

3.1 The composition of the tissue simulating liquid

Description: Aqueous solution with surfactants and inhibitors

Declarable, or hazardous components:

CAS: 107-21-1 EINECS: 203-473-3 Reg.nr.: 01-2119456816-28-0000	Ethanediol STOT RE 2, H373; Acute Tox. 4, H302	< 5.2%
CAS: 68608-26-4 EINECS: 271-781-5 Reg.nr.: 01-2119527859-22-0000	Sodium petroleum sulfonate Eye Irrit. 2, H319	< 2.9%
CAS: 107-41-5 EINECS: 203-489-0 Reg.nr.: 01-2119539582-35-0000	Hexylene Glycol / 2-Methyl-pentane-2,4-diol Skin Irrit. 2, H315; Eye Irrit. 2, H319	< 2.9%
CAS: 68920-66-1 NLP: 500-236-9 Reg.nr.: 01-2119489407-26-0000	Alkoxylated alcohol, > C₁₆ Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Eye Irrit. 2, H319	< 2.0%

3.2 Tissue Calibration Result

The dielectric parameters of the liquids were verified prior to the SAR evaluation using Dielectric Probe Kit and Vector Network Analyzer.

Date	Tissue Type	Frequency (MHz)	Relative Permittivity (ϵ_r)			Conductivity (σ)			Tissue Temp. (°C)
			Measured	Target	Delta (%)	Measured	Target	Delta (%)	
2024/10/1	Head	750	41.92	41.90	0.05	0.91	0.89	2.25	22.1
	Head	673	42.43	42.31	0.28	0.86	0.89	-3.37	
	Head	683	42.37	42.26	0.26	0.87	0.89	-2.25	
	Head	688	42.33	42.23	0.24	0.87	0.89	-2.25	
	Head	704	42.23	42.15	0.19	0.88	0.89	-1.12	
	Head	707.5	42.20	42.13	0.17	0.88	0.89	-1.12	
	Head	711	42.18	42.11	0.17	0.88	0.89	-1.12	
	Head	782	41.72	41.75	-0.07	0.93	0.89	4.49	
	Head	793	41.65	41.70	-0.12	0.94	0.90	4.44	
2024/10/4	Head	750	40.93	41.90	-2.32	0.90	0.89	1.12	22.2
	Head	673	42.42	42.31	0.26	0.85	0.89	-4.49	
	Head	680.5	42.28	42.27	0.02	0.85	0.89	-4.49	
	Head	688	42.13	42.23	-0.24	0.86	0.89	-3.37	
	Head	706.5	41.77	42.13	-0.85	0.87	0.89	-2.25	
	Head	707.5	41.76	42.13	-0.88	0.87	0.89	-2.25	
	Head	708.5	41.74	42.12	-0.90	0.87	0.89	-2.25	
	Head	782	40.31	41.75	-3.45	0.92	0.89	3.37	
	Head	793	40.10	41.70	-3.84	0.93	0.90	3.33	

Date	Tissue Type	Frequency (MHz)	Relative Permittivity (ϵ_r)			Conductivity (σ)			Tissue Temp. (°C)
			Measured	Target	Delta (%)	Measured	Target	Delta (%)	
2024/10/5	Head	900	40.72	41.50	-1.88	0.95	0.97	-2.06	22.3
	Head	821.5	42.55	41.57	2.36	0.91	0.90	1.11	
	Head	826.4	42.43	41.54	2.14	0.91	0.90	1.11	
	Head	829	42.37	41.53	2.02	0.91	0.90	1.11	
	Head	831.5	42.32	41.52	1.93	0.92	0.90	2.22	
	Head	831.6	42.28	41.52	1.83	0.92	0.90	2.22	
	Head	836.5	42.21	41.50	1.71	0.92	0.90	2.22	
	Head	836.6	42.21	41.50	1.71	0.92	0.90	2.22	
	Head	841.5	42.08	41.50	1.40	0.92	0.91	1.10	
	Head	844	42.02	41.50	1.25	0.93	0.91	2.20	
	Head	846.6	41.96	41.50	1.11	0.93	0.91	2.20	
2024/10/6	Head	900	40.51	41.50	-2.39	0.96	0.97	-1.03	22.1
	Head	824	42.61	41.55	2.55	0.90	0.90	0.00	
	Head	831.5	42.51	41.52	2.38	0.91	0.90	1.11	
	Head	834	42.41	41.50	2.19	0.92	0.90	2.22	
	Head	836.5	42.34	41.50	2.02	0.92	0.90	2.22	
	Head	839	42.25	41.50	1.81	0.92	0.90	2.22	
2024/10/28	Head	1750	39.63	40.10	-1.17	1.38	1.37	0.73	22.2
	Head	1702.5	40.28	40.14	0.35	1.35	1.34	0.75	
	Head	1712.4	40.15	40.13	0.05	1.35	1.35	0.00	
	Head	1720	40.04	40.13	-0.22	1.36	1.35	0.74	
	Head	1732.5	39.87	40.12	-0.62	1.37	1.36	0.74	
	Head	1732.6	39.88	40.12	-0.60	1.37	1.36	0.74	
	Head	1745	39.70	40.10	-1.00	1.38	1.37	0.73	
	Head	1752.6	39.61	40.10	-1.22	1.38	1.37	0.73	
2024/10/15	Head	1750	40.95	40.10	2.12	1.41	1.37	2.92	22.2
	Head	1720	42.11	40.13	4.93	1.37	1.35	1.48	
	Head	1730	41.72	40.12	3.99	1.38	1.36	1.47	
	Head	1745	41.14	40.10	2.59	1.41	1.37	2.92	
	Head	1750.1	40.98	40.10	2.19	1.41	1.37	2.92	
	Head	1760	40.56	40.08	1.20	1.42	1.38	2.90	
	Head	1770	40.18	40.06	0.30	1.43	1.38	3.62	
2024/10/7	Head	1950	40.41	40.00	1.02	1.43	1.40	2.14	22.3
	Head	1852.4	41.52	40.00	3.80	1.38	1.40	-1.43	
	Head	1870	41.43	40.00	3.58	1.39	1.40	-0.71	
	Head	1880	41.21	40.00	3.03	1.40	1.40	0.00	
	Head	1882.5	41.18	40.00	2.95	1.40	1.40	0.00	
	Head	1895	40.92	40.00	2.30	1.41	1.40	0.71	
	Head	1907.6	40.91	40.00	2.27	1.41	1.40	0.71	

Date	Tissue Type	Frequency (MHz)	Relative Permittivity (ϵ_r)			Conductivity (σ)			Tissue Temp. (°C)
			Measured	Target	Delta (%)	Measured	Target	Delta (%)	
2024/10/8	Head	1950	39.61	40.00	-0.98	1.45	1.40	3.57	22.3
	Head	1860	41.86	40.00	4.65	1.36	1.40	-2.86	
	Head	1880	41.35	40.00	3.38	1.38	1.40	-1.43	
	Head	1882.5	41.29	40.00	3.23	1.38	1.40	-1.43	
	Head	1900	40.85	40.00	2.13	1.41	1.40	0.71	
	Head	1905	40.73	40.00	1.82	1.41	1.40	0.71	
2024/10/17	Head	2300	40.27	39.50	1.95	1.64	1.67	-1.80	22.2
	Head	2310	40.21	39.48	1.85	1.65	1.68	-1.79	
2024/11/1	Head	2450	39.62	39.20	1.07	1.78	1.80	-1.11	22.1
	Head	2412	39.77	39.28	1.25	1.74	1.77	-1.69	
	Head	2437	39.67	39.23	1.12	1.77	1.79	-1.12	
	Head	2462	39.58	39.18	1.02	1.81	1.81	0.00	
	Head	2480	39.51	39.16	0.89	1.82	1.83	-0.55	
2024/10/18	Head	2600	38.75	39.00	-0.64	1.95	1.96	-0.51	22.3
	Head	2510	40.11	39.12	2.53	1.89	1.86	1.61	
	Head	2525.1	39.88	39.10	1.99	1.90	1.88	1.06	
	Head	2535	39.73	39.09	1.64	1.91	1.89	1.06	
	Head	2560	39.35	39.05	0.77	1.92	1.92	0.00	
2024/10/29	Head	2600	38.72	39.00	-0.72	1.88	1.96	-4.08	22.1
	Head	2506	40.15	39.13	2.61	1.79	1.86	-3.76	
	Head	2583.1	38.98	39.02	-0.10	1.86	1.94	-4.12	
	Head	2593	38.83	39.01	-0.46	1.87	1.95	-4.10	
	Head	2680	37.45	38.90	-3.73	1.96	2.05	-4.39	
2024/10/9	Head	2600	39.71	39.00	1.82	1.91	1.96	-2.55	22.1
	Head	2520	41.01	39.11	4.86	1.85	1.88	-1.60	
	Head	2535	40.65	39.09	3.99	1.87	1.89	-1.06	
	Head	2550	40.28	39.07	3.10	1.88	1.91	-1.57	
2024/10/26	Head	2600	39.44	39.00	1.13	1.96	1.96	0.00	22.2
	Head	2546.01	40.56	39.07	3.81	1.87	1.90	-1.58	
	Head	2592.99	39.53	39.01	1.33	1.94	1.95	-0.51	
	Head	2640	38.50	38.95	-1.16	2.07	2.00	3.50	
2024/10/27	Head	2600	39.45	39.00	1.15	1.95	1.96	-0.51	22.3
	Head	2546.01	40.35	39.07	3.28	1.89	1.90	-0.53	
	Head	2592.99	39.52	39.01	1.31	1.93	1.95	-1.03	
	Head	2640	38.69	38.95	-0.67	2.09	2.00	4.50	
2024/10/20	Head	3500	37.91	37.95	-0.11	3.01	2.92	3.08	22.2
	Head	3410	37.96	38.05	-0.24	2.91	2.82	3.19	
	Head	3590	37.84	37.85	-0.03	3.11	3.01	3.32	
2024/10/23	Head	3500	39.49	37.95	4.06	3.01	2.92	3.08	22.3
	Head	3500.01	39.47	37.95	4.01	3.01	2.92	3.08	
	Head	3560	38.57	37.88	1.82	3.08	2.98	3.36	

Date	Tissue Type	Frequency (MHz)	Relative Permittivity (ϵ_r)			Conductivity (σ)			Tissue Temp. (°C)
			Measured	Target	Delta (%)	Measured	Target	Delta (%)	
2024/10/22	Head	3500	39.39	37.95	3.79	2.99	2.92	2.40	22.2
	Head	3570	38.91	37.87	2.75	3.06	2.99	2.34	
2024/10/23	Head	3700	37.62	37.73	-0.29	3.19	3.12	2.24	22.3
	Head	3615.1	38.41	37.82	1.56	3.11	3.03	2.64	
	Head	3625	38.32	37.81	1.35	3.12	3.04	2.63	
	Head	3690	37.68	37.74	-0.16	3.23	3.11	3.86	
2024/10/22	Head	3700	37.52	37.73	-0.56	3.25	3.12	4.17	22.1
	Head	3624.99	38.22	37.81	1.08	3.15	3.04	3.62	
	Head	3679.98	37.61	37.75	-0.37	3.23	3.10	4.19	
2024/10/24	Head	3700	39.08	37.73	3.58	3.09	3.12	-0.96	22.2
	Head	3750	38.73	37.68	2.79	3.13	3.17	-1.26	
2024/10/29	Head	3700	39.15	37.73	3.76	3.05	3.12	-2.24	22.3
	Head	3750	38.78	37.68	2.92	3.11	3.17	-1.89	
2024/10/30	Head	3700	39.25	37.73	4.03	2.98	3.12	-4.49	22.1
	Head	3750	38.83	37.68	3.05	3.04	3.17	-4.10	
2024/10/19	Head	3700	37.71	37.73	-0.05	3.24	3.12	3.85	22.1
	Head	3750	37.29	37.68	-1.04	3.31	3.17	4.42	
2024/10/31	Head	3700	38.83	37.73	2.92	3.15	3.12	0.96	22.2
	Head	3750	38.18	37.68	1.31	3.22	3.17	1.42	
2024/11/1	Head	3700	37.83	37.73	0.27	3.19	3.12	2.24	22.2
	Head	3750	37.81	37.68	0.35	3.24	3.17	2.21	
2024/10/24	Head	3900	37.49	37.51	-0.05	3.31	3.33	-0.60	22.1
	Head	3840	38.11	37.58	1.41	3.22	3.27	-1.53	
	Head	3930	37.38	37.48	-0.27	3.35	3.36	-0.30	
2024/10/29	Head	3900	37.57	37.51	0.16	3.32	3.33	-0.30	22.2
	Head	3840	38.12	37.58	1.44	3.21	3.27	-1.83	
	Head	3930	37.47	37.48	-0.03	3.36	3.36	0.00	
2024/10/30	Head	3900	37.43	37.51	-0.21	3.33	3.33	0.00	22.3
	Head	3840	38.08	37.58	1.33	3.16	3.27	-3.36	
	Head	3930	37.33	37.48	-0.40	3.29	3.36	-2.08	
2024/11/2	Head	5250	35.83	35.95	-0.33	4.67	4.71	-0.85	22.2
	Head	5290	35.71	35.91	-0.56	4.73	4.75	-0.42	
	Head	5600	34.86	35.50	-1.80	5.15	5.07	1.58	
	Head	5530	35.05	35.61	-1.57	5.06	5.00	1.20	
	Head	5580	34.91	35.53	-1.75	5.12	5.05	1.39	
	Head	5610	34.83	35.49	-1.86	5.16	5.08	1.57	
	Head	5800	34.31	35.30	-2.80	5.41	5.27	2.66	
	Head	5745	34.46	35.36	-2.55	5.34	5.22	2.30	
	Head	5775	34.38	35.33	-2.69	5.38	5.25	2.48	

3.3 Tissue Dielectric Parameters for Phantoms

The head tissue dielectric parameters recommended by the IEC/IEEE 62209-1528 have been incorporated in the following table. These head parameters are derived from planar layer models simulating the highest expected SAR for the dielectric properties and tissue thickness variations in a human head. Other head tissue parameters that have not been specified are interpolated according to the head parameters specified in IEC/IEEE 62209-1528.

Target Frequency (MHz)	Head	
	ϵ_r	σ (S/m)
450	43.5	0.87
750	41.9	0.89
835	41.5	0.90
900	41.5	0.97
1450	40.5	1.20
1640	40.2	1.31
1750	40.1	1.37
1800 – 2000	40.0	1.40
2450	39.2	1.80
3000	38.5	2.40
5000	36.2	4.45
5200	36.0	4.66
5400	35.8	4.86
5600	35.5	5.07
5800	35.3	5.27
6000	35.1	5.48
6500	34.5	6.07
7000	33.9	6.65
7500	33.3	7.24

4. Measurement Procedure

4.1 SAR System Check

4.1.1 Dipoles



The SAR dipoles are optimized symmetrical dipole with $\lambda/4$ balun matched to a Flat phantom section filled with tissue simulating liquids. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC signals. They are available for the variety of frequencies between 300MHz and 10 GHz. The provided tripod is used to hold the dipole below the phantom. As the distance between the dipole center and the TSL is critical, a spacer is placed between the dipole and the phantom. The spacing distance is frequency dependent.

4.1.2 SAR System Check Result

1. Comparing to the original SAR value provided by SPEAG, the verification data should be within its specification of 10 %.
2. Below table shows the target SAR and measured SAR after normalized to 1W input power. The table below indicates the system performance check can meet the variation criterion and the plots can be referred to Appendix A of this report.

Date	Frequency (MHz)	Input Power (mW)	Measured 1g SAR (W/kg)	Targeted 1g SAR (W/kg)	Normalized 1g SAR (W/kg)	Delta 1g ±10 (%)	Measured 10g SAR (W/kg)	Targeted 10g SAR (W/kg)	Normalized 10g SAR (W/kg)	Delta 10g ±10 (%)	Tissue Temp. (°C)
2024/10/1	750	250	2.13	8.52	8.52	0.00	1.41	5.56	5.64	1.44	22.1
2024/10/4	750	250	2.18	8.52	8.72	2.35	1.44	5.56	5.76	3.60	22.2
2024/10/5	900	250	2.62	10.90	10.48	-3.85	1.70	7.00	6.8	-2.86	22.3
2024/10/6	900	250	2.70	10.90	10.8	-0.92	1.75	7.00	7	0.00	22.1
2024/10/15	1750	250	9.09	36.70	36.36	-0.93	4.87	19.30	19.48	0.93	22.2
2024/10/28	1750	250	8.88	36.70	35.52	-3.22	4.76	19.30	19.04	-1.35	22.2
2024/10/7	1950	250	10.00	40.10	40	-0.25	5.10	20.80	20.4	-1.92	22.3
2024/10/8	1950	250	10.10	40.10	40.4	0.75	5.17	20.80	20.68	-0.58	22.3
2024/10/17	2300	250	11.70	48.60	46.8	-3.70	5.60	23.20	22.4	-3.45	22.2
2024/11/1	2450	250	12.80	52.40	51.2	-2.29	6.13	24.60	24.52	-0.33	22.1
2024/10/9	2600	250	14.20	56.10	56.8	1.25	6.48	25.00	25.92	3.68	22.1
2024/10/18	2600	250	14.50	56.10	58	3.39	6.62	25.00	26.48	5.92	22.3
2024/10/26	2600	250	13.10	56.10	52.4	-6.60	6.00	25.00	24	-4.00	22.2
2024/10/27	2600	250	14.70	56.10	58.8	4.81	6.70	25.00	26.8	7.20	22.3
2024/10/29	2600	250	14.00	56.10	56	-0.18	6.38	25.00	25.52	2.08	22.1
2024/10/20	3500	100	6.92	65.60	69.2	5.49	2.68	24.80	26.8	8.06	22.2
2024/10/22	3500	100	6.35	65.60	63.5	-3.20	2.48	24.80	24.8	0.00	22.2
2024/10/23	3500	100	6.25	65.60	62.5	-4.73	2.44	24.80	24.4	-1.61	22.3
2024/10/19	3700	100	7.04	66.90	70.4	5.23	2.65	24.40	26.5	8.61	22.1
2024/10/22	3700	100	7.12	66.90	71.2	6.43	2.65	24.40	26.5	8.61	22.1
2024/10/23	3700	100	6.75	66.90	67.5	0.90	2.55	24.40	25.5	4.51	22.3
2024/10/24	3700	100	6.96	66.90	69.6	4.04	2.65	24.40	26.5	8.61	22.2
2024/10/29	3700	100	6.68	66.90	66.8	-0.15	2.49	24.40	24.9	2.05	22.3
2024/10/30	3700	100	6.40	66.90	64	-4.33	2.43	24.40	24.3	-0.41	22.1
2024/10/31	3700	100	6.93	66.90	69.3	3.59	2.67	24.40	26.7	9.43	22.2
2024/11/1	3700	100	6.86	66.90	68.6	2.54	2.61	24.40	26.1	6.97	22.2
2024/10/24	3900	100	6.54	69.30	65.4	-5.63	2.35	24.10	23.5	-2.49	22.1
2024/10/29	3900	100	6.77	69.30	67.7	-2.31	2.43	24.10	24.3	0.83	22.2
2024/10/30	3900	100	6.64	69.30	66.4	-4.18	2.40	24.10	24	-0.41	22.3
2024/11/2	5250	100	7.91	78.10	79.1	1.28	2.30	22.40	23	2.68	22.2
2024/11/2	5600	100	8.82	82.30	88.2	7.17	2.54	23.50	25.4	8.09	22.2
2024/11/2	5800	100	8.62	80.20	86.2	7.48	2.48	22.80	24.8	8.77	22.2

4.2 SAR Measurement Procedure

The Dasy calculates SAR using the following equation,

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

Where :

σ : represents the simulated tissue conductivity

ρ : represents the tissue density

E :RMS electric field strength (V/m)

The SAR / APD measurements for the EUT should be performed on the channel that produces the highest rated output power of each transmitting antenna.

Pre-scans are made on the device to establish the location for the transmitting antenna, using a large area scan in either air or tissue simulation fluid.

The EUT is placed against the Universal Phantom where the maximum area scan dimensions are larger than the physical size of the resonating antenna. When the scan size is not large enough to cover the peak SAR / APD distribution, it is modified by either extending the area scan size in both the X and Y directions, or the device is shifted within the predefined area.

The area scan is then run to establish the peak SAR / APD location (interpolated resolution set at 1mm²) which is then used to orient the center of the zoom scan. The zoom scan is then executed and the 1g and 10g averages are derived from the zoom scan volume (interpolated resolution set at 1mm³).

5. RF Exposure Limits

SAR assessments have been made in line with the requirements of IEEE-1528, RSS-102 Issue 6, and comply with ANSI/IEEE C95.1-1992 “Uncontrolled Environments” limits. These limits apply to a location which is deemed as “Uncontrolled Environment” which can be described as a situation where the general public may be exposed to an RF source with no prior knowledge or control over their exposure.

Limits for General Population/Uncontrolled Exposure (W/kg)

Type Exposure	Uncontrolled Environment Limit
Spatial Peak SAR (1g cube tissue for brain or body)	1.60 W/kg
Spatial Average SAR (whole body)	0.08 W/kg
Spatial Peak SAR (10g for hands, feet, ankles and wrist)	4.00 W/kg

Note: $1 \text{ mW/cm}^2 = 10 \text{ W/m}^2$

6. Test Equipment List

Instrument	Manufacturer	Model No.	Serial No.	Last Calibration	Next Calibration
Reference Dipole 750MHz	Speag	D750V3	1031	2023/05/16	2026/05/15
Reference Dipole 900MHz	Speag	D900V2	1d176	2022/11/24	2025/11/23
Reference Dipole 1750MHz	Speag	D1750V2	1113	2022/11/21	2025/11/20
Reference Dipole 1950MHz	Speag	D1950V3	1213	2022/11/18	2025/11/17
Reference Dipole 2300MHz	Speag	D2300V2	1045	2022/05/25	2025/05/24
Reference Dipole 2450MHz	Speag	D2450V2	930	2022/11/21	2025/11/20
Reference Dipole 2600MHz	Speag	D2600V2	1202	2023/02/01	2026/01/31
Reference Dipole 3500MHz	Speag	D3500V2	1119	2024/02/15	2027/02/14
Reference Dipole 3700MHz	Speag	D3700V2	1056	2022/11/22	2025/11/21
Reference Dipole 3900MHz	Speag	D3900V2	1065	2024/02/15	2027/02/14
Reference Dipole 5GHz	Speag	D5GHzV2	1321	2024/03/12	2027/03/11
Device Holder	Speag	N/A	N/A	N/A	N/A
Data Acquisition Electronic	Speag	DAE4	1207	2023/11/22	2024/11/21
Data Acquisition Electronic	Speag	DAE4	1651	2024/02/15	2025/02/14
E-Field Probe	Speag	EX3DV4	3698	2023/11/21	2024/11/20
E-Field Probe	Speag	EX3DV4	7631	2024/02/21	2025/02/20
SAR Software	Speag	DASY52	V52.10.4.1535	N/A	N/A
Power Amplifier	Mini-Circuit	ZHL-42	D051404-20	N/A	N/A
Power Amplifier	Mini-Circuit	ZVE-8G+	447202211	N/A	N/A
Directional Coupler	Agilent	87300C	MY44300353	N/A	N/A1
Attenuator	Woken	WATT-218FS-10	N/A	N/A	N/A1
Attenuator	Mini-Circuit	BW-S20W2+	N/A	N/A	N/A1
Universal Radio Communication	Anritsu	MT8821C	6262044740	2024/06/24	2025/06/23
Universal Radio Communication	Anritsu	MT8000A	6262134961	2024/06/01	2025/05/31
Universal Radio Communication	R&S	CMW500	157304	2024/03/20	2025/03/19
Vector Network Analyzer	Agilent	E5071C	MY46108013	2024/03/19	2025/03/18
Signal Generator	Anritsu	MG3694A	041902	2024/08/20	2025/08/19
Power Meter	Anritsu	ML2495A	1434004	2023/12/27	2024/12/26
Power Sensor	Anritsu	MA2411B	1339196	2023/12/27	2024/12/26

Note: 1. System Check, the path loss measured by the network analyzer, includes the signal generator, amplifier, cable, attenuator and directional coupler.

Note:

Per KDB 865664 D01 requirements for dipole calibration, the following are recommended FCC procedures for SAR dipole calibration.

1. After a dipole is damaged and properly repaired to meet required specifications.
2. When the measured SAR deviates from the calibrated SAR value by more than 10% due to changes in physical, mechanical, electrical or other relevant dipole conditions.
3. When the most recent return-loss, measured at least annually, deviates by more than 20% from the previous measurement (i.e. 0.2 of the dB value) or not meeting the required -20 dB return-loss specification.

D750V3-1031

	Frequency	Tissue	Return loss	Limit	Date
Calibration	750 MHz	Head	-27.0	Within 20%	2023/5/16
Measurement	750 MHz	Head	-27.06		2024/5/12
Measurement	750 MHz	Head			

D900V2-1d176

	Frequency	Tissue	Return loss	Limit	Date
Calibration	900 MHz	Head	-31.1	Within 20%	2022/11/24
Measurement	900 MHz	Head	-31.03		2023/11/16
Measurement	900 MHz	Head			

D1750V2-1113

	Frequency	Tissue	Return loss	Limit	Date
Calibration	1750 MHz	Head	-29.0	Within 20%	2022/11/21
Measurement	1750 MHz	Head	-29.69		2023/11/16
Measurement	1750 MHz	Head			

D1950V3-1213

	Frequency	Tissue	Return loss	Limit	Date
Calibration	1950 MHz	Head	-30.4	Within 20%	2022/11/18
Measurement	1950 MHz	Head	-30.32		2023/11/16
Measurement	1950 MHz	Head			

D2300V2-1045

	Frequency	Tissue	Return loss	Limit	Date
Calibration	2300 MHz	Head	-29.5	Within 20%	2022/5/25
Measurement	2300 MHz	Head	-29.86		2023/5/22
Measurement	2300 MHz	Head	-29.70		2024/5/21

D2450V2-930

	Frequency	Tissue	Return loss	Limit	Date
Calibration	2450 MHz	Head	-26.8	Within 20%	2022/11/21
Measurement	2450 MHz	Head	-26.79		2023/11/16
Measurement	2450 MHz	Head			

D2600V2-1202

	Frequency	Tissue	Return loss	Limit	Date
Calibration	2600 MHz	Head	-28.6	Within 20%	2023/2/1
Measurement	2600 MHz	Head	-28.82		2024/1/29
Measurement	2600 MHz	Head			

D3700V2-1056

	Frequency	Tissue	Return loss	Limit	Date
Calibration	3700 MHz	Head	-34.5	Within 20%	2022/11/22
Measurement	3700 MHz	Head	-34.17		2023/11/16
Measurement	3700 MHz	Head			

4. When the most recent measurement of the real or imaginary parts of the impedance, measured at least annually, deviates by more than 5 Ω from the previous measurement.

D750V3-1031

	Frequency	Tissue	Impedance	Limit	Date
Calibration	750 MHz	Head	54.5	Within 5 Ω	2023/5/16
Measurement	750 MHz	Head	54.46		2024/5/12
Measurement	750 MHz	Head			

D900V2-1d176

	Frequency	Tissue	Impedance	Limit	Date
Calibration	900 MHz	Head	52.8	Within 5 Ω	2022/11/24
Measurement	900 MHz	Head	52.80		2023/11/16
Measurement	900 MHz	Head			

D1750V2-1113

	Frequency	Tissue	Impedance	Limit	Date
Calibration	1750 MHz	Head	51.3	Within 5 Ω	2022/11/21
Measurement	1750 MHz	Head	51.34		2023/11/16
Measurement	1750 MHz	Head			

D1950V3-1213

	Frequency	Tissue	Impedance	Limit	Date
Calibration	1950 MHz	Head	49.0	Within 5 Ω	2022/11/18
Measurement	1950 MHz	Head	48.90		2023/11/16
Measurement	1950 MHz	Head			

D2300V2-1045

	Frequency	Tissue	Impedance	Limit	Date
Calibration	2300 MHz	Head	49.4	Within 5 Ω	2022/5/25
Measurement	2300 MHz	Head	49.83		2023/5/22
Measurement	2300 MHz	Head	49.86		2024/5/21

D2450V2-930

	Frequency	Tissue	Impedance	Limit	Date
Calibration	2450 MHz	Head	53.7	Within 5Ω	2022/11/21
Measurement	2450 MHz	Head	53.82		2023/11/16
Measurement	2450 MHz	Head			

D2600V2-1202

	Frequency	Tissue	Impedance	Limit	Date
Calibration	2600 MHz	Head	46.4	Within 5Ω	2023/2/1
Measurement	2600 MHz	Head	46.47		2024/1/29
Measurement	2600 MHz	Head			

D3700V2-1056

	Frequency	Tissue	Impedance	Limit	Date
Calibration	3700 MHz	Head	49.4	Within 5Ω	2022/11/22
Measurement	3700 MHz	Head	49.27		2023/11/16
Measurement	3700 MHz	Head			

7. Measurement Uncertainty

Measurement uncertainty for 300 MHz to 3 GHz							
Error Description	Uncert. value	Prob. Dist.	Div.	(ci) 1g	(ci) 10g	Std. Unc. (1g)	Std. Unc. (10g)
Measurement System Errors							
Probe Calibration	±12.0%	N	2	1	1	±6.0%	±6.0%
Probe Calibration Drift	±1.7%	R	1.732	1	1	±1.0%	±1.0%
Probe Linearity	±4.7%	R	1.732	1	1	±2.7%	±2.7%
Broadband Signal	±2.8%	R	1.732	1	1	±1.6%	±1.6%
Probe Isotropy	±7.6%	R	1.732	1	1	±4.4%	±4.4%
Other Probe+Electronic	±0.8%	N	1	1	1	±0.8%	±0.8%
RF Ambient	±1.8%	N	1	1	1	±1.8%	±1.8%
Probe Positioning	±0.006 mm	N	1	0.14	0.14	±0.1%	±0.1%
Data Processing	±1.2%	N	1	1	1	±1.2%	±1.2%
Phantom and Device Errors							
Conductivity (meas.)	±2.5%	N	1	0.78	0.71	±2.0%	±1.8%
Conductivity (temp.)	±3.3%	R	1.732	0.78	0.71	±1.5%	±1.4%
Phantom Permittivity	±14.0%	R	1.732	0	0	±0.0%	±0.0%
Distance DUT - TSL	±2.0%	N	1	2	2	±4.0%	±4.0%
Device Positioning	±1.0%	N	1	1	1	±1.0%	±1.0%
Device Holder	±3.6%	N	1	1	1	±3.6%	±3.6%
DUT Modulation	±2.4%	R	1.732	1	1	±1.4%	±1.4%
Time-average SAR	±1.7%	R	1.732	1	1	±1.0%	±1.0%
DUT drift	±2.5%	N	1	1	1	±2.5%	±2.5%
Val Antenna Unc.	±0.0%	N	1	1	1	±0.0%	±0.0%
Unc. Input Power	±0.0%	N	1	1	1	±0.0%	±0.0%
Correction to the SAR results							
Deviation to Target	±1.9%	N	1	1	0.84	±1.9%	±1.6%
SAR scaling	±0.0%	R	1.732	1	1	±0.0%	±0.0%
Combined Uncertainty						±11.0%	±10.9%
Expanded Uncertainty						±21.9%	±21.7%

Measurement uncertainty for 3 GHz to 6 GHz

Error Description	Uncert. value	Prob. Dist.	Div.	(ci) 1g	(ci) 10g	Std. Unc. (1g)	Std. Unc. (10g)
Measurement System Errors							
Probe Calibration	±14.0%	N	2	1	1	±7.0%	±7.0%
Probe Calibration Drift	±1.7%	R	1.732	1	1	±1.0%	±1.0%
Probe Linearity	±4.7%	R	1.732	1	1	±2.7%	±2.7%
Broadband Signal	±2.6%	R	1.732	1	1	±1.5%	±1.5%
Probe Isotropy	±7.6%	R	1.732	1	1	±4.4%	±4.4%
Other Probe+Electronic	±1.2%	N	1	1	1	±1.2%	±1.2%
RF Ambient	±1.8%	N	1	1	1	±1.8%	±1.8%
Probe Positioning	±0.005 mm	N	1	0.29	0.29	±0.2%	±0.2%
Data Processing	±2.3%	N	1	1	1	±2.3%	±2.3%
Phantom and Device Errors							
Conductivity (meas.)	±2.5%	N	1	0.78	0.71	±2.0%	±1.8%
Conductivity (temp.)	±3.4%	R	1.732	0.78	0.71	±1.5%	±1.4%
Phantom Permittivity	±14.0%	R	1.732	0.25	0.25	±2.0%	±2.0%
Distance DUT - TSL	±2.0%	N	1	2	2	±4.0%	±4.0%
Device Positioning	±1.0%	N	1	1	1	±1.0%	±1.0%
Device Holder	±3.6%	N	1	1	1	±3.6%	±3.6%
DUT Modulation	±2.4%	R	1.732	1	1	±1.4%	±1.4%
Time-average SAR	±1.7%	R	1.732	1	1	±1.0%	±1.0%
DUT drift	±2.5%	N	1	1	1	±2.5%	±2.5%
Val Antenna Unc.	±0.0%	N	1	1	1	±0.0%	±0.0%
Unc. Input Power	±0.0%	N	1	1	1	±0.0%	±0.0%
Correction to the SAR results							
Deviation to Target	±1.9%	N	1	1	0.84	±1.9%	±1.6%
SAR scaling	±0.0%	R	1.732	1	1	±0.0%	±0.0%
Combined Uncertainty						±11.9%	±11.8%
Expanded Uncertainty						±23.8%	±23.6%

Measurement uncertainty for 6 GHz to 10 GHz

Error Description	Uncert. value	Prob. Dist.	Div.	(ci) 1g	(ci) 10g	Std. Unc. (1g)	Std. Unc. (10g)
Measurement System Errors							
Probe Calibration	±18.6%	N	2	1	1	±9.3%	±9.3%
Probe Calibration Drift	±1.7%	R	1.732	1	1	±1.0%	±1.0%
Probe Linearity	±4.7%	R	1.732	1	1	±2.7%	±2.7%
Broadband Signal	±2.6%	R	1.732	1	1	±1.5%	±1.5%
Probe Isotropy	±7.6%	R	1.732	1	1	±4.4%	±4.4%
Other Probe+Electronic	±2.4%	N	1	1	1	±2.4%	±2.4%
RF Ambient	±1.8%	N	1	1	1	±1.8%	±1.8%
Probe Positioning	±0.005 mm	N	1	0.5	0.5	±0.3%	±0.3%
Data Processing	±3.5%	N	1	1	1	±3.5%	±3.5%
Phantom and Device Errors							
Conductivity (meas.)	±2.5%	N	1	0.78	0.71	±2.0%	±1.8%
Conductivity (temp.)	±2.4%	R	1.732	0.78	0.71	±1.1%	±1.0%
Phantom Permittivity	±14.0%	R	1.732	0.5	0.5	±4.0%	±4.0%
Distance DUT - TSL	±2.0%	N	1	2	2	±4.0%	±4.0%
Device Positioning	±1.0%	N	1	1	1	±1.0%	±1.0%
Device Holder	±3.6%	N	1	1	1	±3.6%	±3.6%
DUT Modulation	±2.4%	R	1.732	1	1	±1.4%	±1.4%
Time-average SAR	±1.7%	R	1.732	1	1	±1.0%	±1.0%
DUT drift	±2.5%	N	1	1	1	±2.5%	±2.5%
Val Antenna Unc.	±0.0%	N	1	1	1	±0.0%	±0.0%
Unc. Input Power	±0.0%	N	1	1	1	±0.0%	±0.0%
Correction to the SAR results							
Deviation to Target	±1.9%	N	1	1	0.84	±1.9%	±1.6%
SAR scaling	±0.0%	R	1.732	1	1	±0.0%	±0.0%
Combined Uncertainty						±14.2%	±14.1%
Expanded Uncertainty						±28.4%	±28.3%

APD Measurement uncertainty for 6 GHz to 10 GHz

Error Description	Uncert. value	Prob. Dist.	Div.	(Ci) 1 cm ²	(Ci) 4 cm ²	Std. Unc. (1 cm ²)	Std. Unc. (4 cm ²)
SAR MU	±14.2/13.9%	N	1	1	1	±14.2%	±14.1%
Power Density Conversion	±13.5%	R	$\sqrt{3}$	1	1	±7.8%	±7.8%

Combined Uncertainty						±16.2%	±16.1%
Expanded Uncertainty in dB						±32.4% ±1.2 dB	±32.3% ±1.2 dB

Measurement uncertainty for Power Density						
Error Description	Uncert. Value ($\pm$ dB)	Prob. Dist.	Div.	(ci)	Std. Unc. ($\pm$ dB)	(vi) veff
Uncertainty terms dependent on the measurement system						
Calibration	0.49	N	1	1	0.49	∞
Probe correction	0	R	1.732	1	0	∞
Frequency response (BW $\leq$ 1 GHz)	0.2	R	1.732	1	0.12	∞
Sensor cross coupling	0	R	1.732	1	0	∞
Isotropy	0.5	R	1.732	1	0.29	∞
Linearity	0.2	R	1.732	1	0.12	∞
Probe scattering	0	R	1.732	1	0	∞
Probe positioning offset	0.3	R	1.732	1	0.17	∞
Probe positioning repeatability	0.04	R	1.732	1	0.02	∞
Sensor mechanical offset	0	R	1.732	1	0	∞
Probe spatial resolution	0	R	1.732	1	0	∞
Field impedance dependance	0	R	1.732	1	0	∞
Amplitude and phase drift	0	R	1.732	1	0	∞
Amplitude and phase noise	0.04	R	1.732	1	0.02	∞
Measurement area truncation	0	R	1.732	1	0	∞
Data acquisition	0.03	N	1	1	0.03	∞
Sampling	0	R	1.732	1	0	∞
Field reconstruction	2	R	1.732	1	1.15	∞
FTE/MEO	0	R	1.732	1	0	∞
Power density scaling	0	R	1.732	1	0	∞
Spatial averaging	0.1	R	1.732	1	0.06	∞
System detection limit	0.04	R	1.732	1	0.02	∞
Uncertainty terms dependent on the DUT and environmental factors						
Probe coupling with DUT	0	R	1.732	1	0	∞
Modulation response	0.4	R	1.732	1	0.23	∞
Integration time	0	R	1.732	1	0	∞
Response time	0	R	1.732	1	0	∞
Device holder influence	0.1	R	1.732	1	0.06	∞
DUT alignment	0	R	1.732	1	0	∞
RF ambient conditions	0.04	R	1.732	1	0.02	∞
Ambient reflections	0.04	R	1.732	1	0.02	∞
Immunity / secondary reception	0	R	1.732	1	0	∞
Drift of the DUT	0.21	R	1.732	1	0.12	∞
Combined Standard Uncertainty					1.33	∞
Expanded Standard Uncertainty (95%)					2.67	

Measurement uncertainty for Power Density						
Error Description	Uncert. Value ($\pm$ dB)	Prob. Dist.	Div.	(ci)	Std. Unc. ($\pm$ dB)	(vi) veff
Uncertainty terms dependent on the measurement system						
Calibration	0.49	N	1	1	0.49	∞
Probe correction	0	R	1.732	1	0	∞
Frequency response ($BW \leq 1$ GHz)	0.20	R	1.732	1	0.12	∞
Sensor cross coupling	0	R	1.732	1	0	∞
Isotropy	0.50	R	1.732	1	0.29	∞
Linearity	0.20	R	1.732	1	0.12	∞
Probe scattering	0	R	1.732	1	0	∞
Probe positioning offset	0.30	R	1.732	1	0.17	∞
Probe positioning repeatability	0.04	R	1.732	1	0.02	∞
Sensor mechanical offset	0	R	1.732	1	0	∞
Probe spatial resolution	0	R	1.732	1	0	∞
Field impedance dependance	0	R	1.732	1	0	∞
Measurement drift	0.05	R	1.732	1	0.03	∞
Amplitude and phase noise	0.04	R	1.732	1	0.02	∞
Measurement area truncation	0	R	1.732	1	0	∞
Data acquisition	0.03	N	1	1	0.03	∞
Sampling	0	R	1.732	1	0	∞
Field reconstruction	0.60	R	1.732	1	0.35	∞
Signal-to-Noise Ratio	0	R	1.732	1	0	∞
FTE/MEO	0	R	1.732	1	0	∞
Power density scaling	-	R	1.732	1	-	∞
Spatial averaging	0.10	R	1.732	1	0.06	∞
Uncertainty terms dependent on the DUT and environmental factors						
Probe coupling with DUT	0	R	1.732	1	0	∞
Modulation response	0.40	R	1.732	1	0.23	∞
Integration time	0	R	1.732	1	0	∞
Response time	0	R	1.732	1	0	∞
Device holder influence	0.10	R	1.732	1	0.06	∞
DUT alignment	0	R	1.732	1	0	∞
RF ambient conditions	0.04	R	1.732	1	0.02	∞
Laboratory Temperature	0.05	R	1.732	1	0.03	∞
Laboratory Reflections	0.04	R	1.732	1	0.02	∞
Immunity / secondary reception	0	R	1.732	1	0	∞
Drift of the DUT	0.21	R	1.732	1	0.12	∞
Combined Standard Uncertainty					0.76	∞
Expanded Standard Uncertainty (95%)					1.53	

8. Conducted Power Measurement (Including tolerance allowed for production unit)

Maximum Output Power (Including tolerance) (dBm)			
Exposure Conditions		Body	
DSI		0	1
Power Reduction		P-Sensor On	P-sensor Off
WLAN 2.4GHz(Main)	DTS	20	
WLAN 2.4GHz(Aux)	DTS	21	
WLAN 5GHz(Main)	NII	12	
WLAN 5GHz(Aux)	NII	13	
Bluetooth(Aux)	BR	15	
WCDMA B2(ANT0)	RMC	15.5	23
	HSDPA	14.5	22.5
	HSUPA	14.5	22.5
WCDMA B4(ANT0)	RMC	16.5	23
	HSDPA	15.5	22
	HSUPA	15.5	22
WCDMA B5(ANT0)	RMC	24.5	
	HSDPA	23	
	HSUPA	23	
LTE Band 2(ANT0)	QPSK	16	24
LTE Band 4(ANT0)	QPSK	16.5	23
LTE Band 5(ANT0)	QPSK	24.5	
LTE Band 7(ANT0)	QPSK	22.5	24
LTE Band 12(ANT0)	QPSK	24	
LTE Band 13(ANT0)	QPSK	24.5	
LTE Band 14(ANT0)	QPSK	24	
LTE Band 17(ANT0)	QPSK	24	
LTE Band 25(ANT0)	QPSK	17.5	23.5
LTE Band 26(ANT0)	QPSK	24	
LTE Band 41(ANT0)	QPSK	24	
LTE Band 41_HPUE(ANT0)	QPSK	24	26
LTE Band 42(ANT3)	QPSK	17.5	22
LTE Band 42_HPUE(ANT3)	QPSK	17.5	22
LTE Band 48(ANT3)	QPSK	17.5	23.5

LTE Band 66(ANT0)	QPSK	16.5	22.5
LTE Band 71(ANT0)	QPSK	24	24
NR5G_N2(ANT0)	QPSK	16.5	24
NR5G_N5(ANT0)	QPSK	24	25.5
NR5G_N7(ANT0)	QPSK	22.5	25.5
NR5G_N12(ANT0)	QPSK	23.5	25.5
NR5G_N13(ANT0)	QPSK	24.5	25.5
NR5G_N14(ANT0)	QPSK	24.5	25.5
NR5G_N25(ANT0)	QPSK	17.5	24
NR5G_N26(ANT0)	QPSK	24	25.5
NR5G_N30(ANT0)	QPSK	20.5	23.5
NR5G_N41(ANT0)	QPSK	24.5	25.5
NR5G_N41(ANT2)	QPSK	24.5	25.5
NR5G_N41_HPUE(ANT0)	QPSK	24.5	27.5
NR5G_N41_HPUE(ANT2)	QPSK	24.5	27.5
NR5G_N48(ANT1)	QPSK	25.5	
NR5G_N48(ANT3)	QPSK	21.5	25.5
NR5G_N66(ANT0)	QPSK	16.5	23
NR5G_N70(ANT0)	QPSK	16.5	23
NR5G_N71(ANT0)	QPSK	23.5	25.5
NR5G_N77(ANT1)	QPSK	23	
NR5G_N77(ANT2)	QPSK	17.5	23
NR5G_N77(ANT3)	QPSK	17.5	23
NR5G_N77_HPUE(ANT1)	QPSK	23	
NR5G_N77_HPUE(ANT2)	QPSK	17.5	23
NR5G_N77_HPUE(ANT3)	QPSK	17.5	23
NR5G_N78(ANT1)	QPSK	22.5	
NR5G_N78(ANT2)	QPSK	18	22.5
NR5G_N78(ANT3)	QPSK	18	22.5
NR5G_N78_HPUE(ANT1)	QPSK	22.5	
NR5G_N78_HPUE(ANT2)	QPSK	18	22.5
NR5G_N78_HPUE(ANT3)	QPSK	18	22.5

WLAN 2.4G 2TX SISO									
	Frequency	Mode	BW	SISO-Main(TX1)			SISO-Aux(TX2)		
				CH	Avg. Power	Tune-Up Power	CH	Avg. Power	Tune-Up Power
DSSS/OFDM mode specified maximum output power at an antenna port	WLAN 2.4GHz	b	20	1	17.48	17.5	1	19.35	19.5
				6	18.14	18.5	6	19.67	20
				11	18.87	19	11	20.95	21
		g	20	1	16.71	17	1	17.8	18
				6	19.19	19.5	6	19.41	19.5
				11	14.83	15	11	16.92	17
		n (HT)	20	1	16.78	17	1	18.26	18.5
				6	17.68	18	6	17.74	18
				11	14.83	15	11	16.84	17
			40	3	15.7	16	3	17.46	17.5
				6	16.66	17	6	18.41	18.5
				9	13.57	14	9	15.65	16
		ax (HE)	20	1	15.58	16	1	17.41	17.5
				6	19.63	20	6	19.75	20
				11	13.56	14	11	15.78	16
			40	3	15.55	16	3	17.22	17.5
				6	16.5	16.5	6	18.2	18.5
				9	12.91	13	9	14.99	15

WLAN 5G 2TX SISO									
OFDM mode specified maximum output power at an antenna port	Frequency	Mode	BW	SISO-Main(TX1)			SISO-Aux(TX2)		
				CH	Avg. Power	Tune-Up Power	CH	Avg. Power	Tune-Up Power
	U-NII-1 (5150~5250MHz)	a	20	36	11.42	11.5	36	12.85	13
				40	11.37	11.5	40	12.35	13
				44	11.34	11.5	44	12.95	13
				48	11.78	12	48	12.87	13
		n (HT)	20	36	11.23	11.5	36	12.86	13
				40	11.17	11.5	40	12.41	13
				44	11.29	11.5	44	12.89	13
				48	11.75	12	48	12.75	13
			40	38	10.95	11	38	12.65	13
				46	10.82	11	46	12.58	13
		ac(VHT)	80	42	11.26	11.5	42	12.92	13
		ax (HE)	20	36	11.26	11.5	36	12.85	13
				40	11.07	11.5	40	12.39	13
				44	11.24	11.5	44	12.92	13
				48	11.78	12	48	12.75	13
			40	38	11.26	11.5	38	12.8	13
				46	11.18	11.5	46	12.85	13
			80	42	11.21	11.5	42	12.95	13
				U-NII-2A (5250~5350MHz)	a	20	52	11.71	12
	56	11.64	12				56	12.36	13
	60	10.95	11				60	12.86	13
	64	10.82	11				64	12.94	13
	n (HT)	20	52		11.69	12	52	12.82	13
			56		11.54	12	56	12.38	13
			60		10.69	11	60	12.72	13
			64		10.66	11	64	12.85	13
		40	54		11.37	11.5	54	12.66	13
			62		10.82	11	62	12.86	13
	ac (VHT)	80	58		11.56	12	58	12.95	13
	ax (HE)	20	52		11.67	12	52	12.92	13
			56		11.49	12	56	12.18	13
			60		10.75	11	60	12.81	13
			64		10.64	11	64	12.86	13
		40	54		11.63	12	54	11.82	13
			62		10.67	11	62	12.72	13
		80	58		11.65	12	58	12.92	13

	Frequency	Mode	BW	SISO-Main(TX1)			SISO-Aux(TX2)		
				CH	Avg. Power	Tune-Up Power	CH	Avg. Power	Tune-Up Power
OFDM mode specified maximum output power at an antenna port	U-NII-2C (5470~5725MHz)	a	20	100	9.46	9.5	100	12.89	13
				116	10.01	10.5	116	12.96	13
				124	10.03	10.5	124	12.29	13
				132	10.06	10.5	132	12.16	13
				140	9.26	9.5	140	12.72	13
		n (HT)	20	100	9.36	9.5	100	12.92	13
				116	9.89	10	116	12.86	13
				124	9.08	10	124	12.27	13
				132	9.16	10	132	12.16	13
				140	9.62	10	140	12.95	13
			40	102	9.46	9.5	102	12.86	13
				110	8.82	9	110	12.59	13
				126	8.77	9	126	12.28	13
				134	8.74	9	134	12.67	13
		ac (VHT)	80	106	8.85	9	106	12.68	13
				122	9.67	10	122	12.68	13
			160	114	9.65	10	114	12.94	13
		ax (HE)	20	100	9.34	9.5	100	12.87	13
				116	9.97	10	116	12.91	13
				124	9.18	9.5	124	12.29	13
				132	9.21	9.5	132	12.27	13
				140	9.16	9.5	140	12.64	13
			40	102	9.15	9.5	102	12.78	13
				110	9.21	9.5	110	12.96	13
				126	9.04	9.5	126	12.31	13
				134	8.56	9	134	12.62	13
			80	106	8.82	9	106	12.72	13
				122	9.79	10	122	12.75	13
			160	114	9.61	10	114	12.94	13

OFDM mode specified maximum output power at an antenna	Frequency	Mode	BW	SISO-Main(TX1)			SISO-Aux(TX2)		
				CH	Avg. Power	Tune-Up Power	CH	Avg. Power	Tune-Up Power
U-NII-3 (5725~5850MHz)		a	20	149	9.26	9.5	149	12.64	13
				157	8.51	9.5	157	12.46	13
				165	9.02	9.5	165	12.71	13
		n (HT)	20	149	9.71	10	149	12.91	13
				157	8.95	9	157	12.78	13
				165	8.87	9	165	12.62	13
			40	151	8.98	9	151	12.85	13
				159	9.12	9.5	159	12.67	13
				155	8.45	8.5	155	12.59	13
		ax (HE)	20	149	9.05	9.5	149	12.59	13
				157	8.85	9	157	12.85	13
				165	8.86	9	165	12.67	13
			40	151	8.78	9	151	12.75	13
				159	9.01	9.5	159	12.59	13
				155	8.51	9	155	12.67	13
			80	155	8.51	9	155	12.67	13

BT						
Bluetooth mode maximum output power	Frequency	Mode	Modulation	SISO-Aux(TX2)		
				CH	Avg. Power	Tune-Up Power
	BT 2.4GHz	BR	GFSK	0	12.8	13
				39	13.3	13.5
				78	14.86	15
		EDR	8DPSK	0	14.07	14.5
				39	13.81	14
				78	11.42	11.5
		BLE	GFSK	0	6.51	7
				19	6.5	7
				39	4.41	4.5

DSI0_P-Sensor On

Band	WCDMA B2			WCDMA B4			WCDMA B5		
CHANNEL	9262	9400	9538	1312	1413	1513	4132	4183	4233
RMC	14.83	14.99	14.87	16.16	16.32	16.25	23.55	23.68	23.29
HSDPA Set 1	13.8	13.89	14.17	15.31	15.35	15.41	22.51	22.15	21.78
HSDPA Set 2	13.89	13.98	14.24	15.34	15.37	15.43	22.71	22.21	21.85
HSDPA Set 3	13.32	13.45	13.69	14.84	14.96	14.86	22.03	21.66	21.31
HSDPA Set 4	13.9	13.99	14.26	15.34	15.44	15.43	22.69	22.28	21.85
HSUPA Set 1	13.86	13.95	14.20	15.43	15.44	15.43	22.52	22.16	21.78
HSUPA Set 2	13.88	13.95	14.21	15.39	15.43	15.41	22.6	22.24	21.86
HSUPA Set 3	13.81	13.95	14.21	15.33	15.42	15.41	22.65	22.19	21.78
HSUPA Set 4	13.84	13.97	14.25	15.32	15.40	15.41	22.64	22.18	21.83
HSUPA Set 5	13.83	13.99	14.24	15.39	15.39	15.43	22.65	22.25	21.84

Note: Unit : dBm

DSI1_P-Sensor Off

Band	WCDMA B2			WCDMA B4		
CHANNEL	9262	9400	9538	1312	1413	1513
RMC	22.45	22.79	22.54	22.73	22.98	22.83
HSDPA Set 1	21.47	21.54	21.78	21.77	22.02	21.83
HSDPA Set 2	21.48	21.54	21.79	21.77	22.03	21.85
HSDPA Set 3	20.91	21.02	21.26	21.21	21.44	21.28
HSDPA Set 4	21.41	21.5	21.76	21.73	21.95	21.79
HSUPA Set 1	21.40	21.48	21.73	21.73	21.96	21.79
HSUPA Set 2	20.95	21.04	21.25	21.25	21.49	21.31
HSUPA Set 3	21.42	21.53	21.75	21.7	21.96	21.81
HSUPA Set 4	21.44	21.52	21.79	21.7	21.96	21.76
HSUPA Set 5	21.46	21.51	21.78	21.73	21.95	21.77

Note: Unit : dBm

DSIO_P-Sensor On

Channel	Modulation	LTE Band 2							
		RB	RB	Maximum Conducted Output Power					
		No.	Offset	1.4M	3M	5M	10M	15M	20M
Low	QPSK	1	#0	15.52	15.51	15.52	15.57	15.62	15.91
		1	#Mid	15.42	15.45	15.47	15.43	15.58	15.60
		1	#Max	15.36	15.24	15.38	15.33	15.45	15.53
		50%	#0	15.43	15.46	15.45	15.35	15.56	15.59
		50%	#Mid	15.22	15.34	15.31	15.29	15.49	15.55
		50%	#Max	15.21	15.29	15.27	15.14	15.38	15.42
		100%	--	15.32	15.30	15.39	15.24	15.46	15.47
	16QAM	1	#0	15.42	15.49	15.47	15.46	15.58	15.68
		1	#Mid	15.37	15.47	15.34	15.32	15.47	15.56
		1	#Max	15.39	15.36	15.22	15.28	15.30	15.45
		50%	#0	15.41	15.37	15.38	15.36	15.47	15.58
		50%	#Mid	15.36	15.27	15.21	15.29	15.31	15.45
		50%	#Max	15.30	15.17	15.10	15.11	15.29	15.35
		100%	--	15.27	15.28	15.28	15.26	15.15	15.27
	64QAM	1	#0	15.41	15.32	15.32	15.37	15.49	15.57
		1	#Mid	15.32	15.24	15.21	15.23	15.34	15.41
		1	#Max	15.26	15.12	15.11	15.17	15.29	15.34
		50%	#0	15.31	15.21	15.22	15.25	15.37	15.47
		50%	#Mid	15.21	15.15	15.17	15.15	15.24	15.32
		50%	#Max	15.22	15.09	15.02	15.01	15.11	15.21
		100%	--	15.21	15.12	15.19	15.15	15.26	15.32
	256QPSK	1	#0	15.52	15.55	15.56	15.52	15.54	15.71
		1	#Mid	15.45	15.41	15.44	15.47	15.47	15.65
		1	#Max	15.32	15.37	15.31	15.36	15.32	15.53
		50%	#0	15.41	15.42	15.45	15.44	15.44	15.63
		50%	#Mid	15.37	15.33	15.39	15.32	15.35	15.52
		50%	#Max	15.25	15.21	15.26	15.29	15.23	15.43
		100%	--	15.31	15.34	15.38	15.11	15.39	15.56
Mid	QPSK	1	#0	15.51	15.56	15.51	15.58	15.59	15.95
		1	#Mid	15.26	15.43	15.49	15.49	15.46	15.65
		1	#Max	15.30	15.33	15.32	15.37	15.33	15.57
		50%	#0	15.46	15.47	15.47	15.41	15.41	15.60
		50%	#Mid	15.40	15.41	15.35	15.35	15.39	15.57
		50%	#Max	15.27	15.33	15.21	15.20	15.22	15.48
		100%	--	15.37	15.31	15.31	15.24	15.34	15.52
	16QAM	1	#0	15.45	15.47	15.48	15.40	15.54	15.65
		1	#Mid	15.32	15.45	15.35	15.37	15.48	15.56
		1	#Max	15.20	15.41	15.21	15.20	15.36	15.49
		50%	#0	15.34	15.36	15.39	15.36	15.35	15.59
		50%	#Mid	15.29	15.31	15.23	15.20	15.22	15.49
		50%	#Max	15.33	15.27	15.15	15.14	15.19	15.39

		100%	--	15.20	15.23	15.26	15.26	15.23	15.42
	64QAM	1	#0	15.38	15.34	15.35	15.39	15.43	15.52
		1	#Mid	15.28	15.24	15.21	15.21	15.35	15.43
		1	#Max	15.31	15.14	15.14	15.14	15.23	15.31
		50%	#0	15.23	15.24	15.26	15.24	15.33	15.48
		50%	#Mid	15.22	15.15	15.15	15.15	15.25	15.36
		50%	#Max	15.18	15.05	15.04	15.07	15.15	15.20
		100%	--	15.18	15.13	15.18	15.14	15.20	15.31
	256QPSK	1	#0	15.41	15.44	15.40	15.46	15.41	15.79
		1	#Mid	15.34	15.36	15.34	15.37	15.36	15.54
		1	#Max	15.24	15.25	15.25	15.22	15.24	15.43
		50%	#0	15.32	15.35	15.31	15.36	15.34	15.55
		50%	#Mid	15.28	15.21	15.23	15.29	15.27	15.42
		50%	#Max	15.17	15.17	15.15	15.17	15.12	15.39
		100%	--	15.23	15.25	15.27	15.27	15.21	15.42
High	QPSK	1	#0	15.49	15.51	15.54	15.57	15.61	15.92
		1	#Mid	15.44	15.48	15.46	15.44	15.57	15.63
		1	#Max	15.23	15.32	15.36	15.15	15.48	15.56
		50%	#0	15.34	15.41	15.40	15.45	15.59	15.59
		50%	#Mid	15.34	15.32	15.34	15.35	15.40	15.47
		50%	#Max	15.38	15.23	15.21	15.29	15.37	15.45
		100%	--	15.19	15.39	15.31	15.30	15.25	15.47
	16QAM	1	#0	15.39	15.45	15.42	15.48	15.55	15.65
		1	#Mid	15.29	15.39	15.34	15.34	15.40	15.52
		1	#Max	15.13	15.36	15.21	15.23	15.34	15.41
		50%	#0	15.29	15.38	15.32	15.33	15.46	15.59
		50%	#Mid	15.25	15.26	15.21	15.23	15.30	15.48
		50%	#Max	15.28	15.16	15.15	15.15	15.27	15.35
		100%	--	15.11	15.22	15.25	15.29	15.14	15.43
	64QAM	1	#0	15.36	15.33	15.35	15.35	15.44	15.57
		1	#Mid	15.33	15.29	15.23	15.20	15.34	15.49
		1	#Max	15.13	15.12	15.17	15.13	15.23	15.32
		50%	#0	15.26	15.21	15.27	15.21	15.36	15.46
		50%	#Mid	15.12	15.14	15.15	15.19	15.28	15.34
		50%	#Max	15.11	15.09	15.04	15.08	15.13	15.22
		100%	--	15.19	15.08	15.14	15.14	15.21	15.35
	256QPSK	1	#0	15.32	15.34	15.38	15.31	15.39	15.74
		1	#Mid	15.27	15.23	15.25	15.25	15.27	15.65
		1	#Max	15.15	15.15	15.14	15.18	15.11	15.59
		50%	#0	15.21	15.29	15.24	15.24	15.27	15.62
		50%	#Mid	15.13	15.16	15.15	15.17	15.15	15.52
		50%	#Max	15.04	15.02	15.06	15.03	15.09	15.45
		100%	--	15.17	15.14	15.14	15.18	15.12	15.55

Channel	Modulation	LTE Band 4							
		RB	RB	Maximum Conducted Output Power					
		No.	Offset	1.4M	3M	5M	10M	15M	20M
Low	QPSK	1	#0	16.33	16.22	16.06	16.16	15.92	16.45
		1	#Mid	16.23	16.16	15.98	16.00	15.83	16.38
		1	#Max	16.13	16.01	15.86	15.97	15.77	16.24
		50%	#0	16.23	16.10	15.99	16.03	15.82	16.37
		50%	#Mid	16.18	16.05	15.81	15.95	15.72	16.20
		50%	#Max	16.04	15.94	15.79	15.87	15.67	16.18
		100%	--	16.11	15.99	15.87	15.92	15.73	16.26
	16QAM	1	#0	16.23	16.17	15.96	16.02	15.85	16.33
		1	#Mid	16.19	16.06	15.81	15.92	15.71	16.21
		1	#Max	16.07	15.93	15.70	15.87	15.62	16.12
		50%	#0	16.16	16.05	15.80	15.95	15.76	16.28
		50%	#Mid	16.03	15.95	15.74	15.89	15.69	16.12
		50%	#Max	15.96	15.87	15.61	15.70	15.56	16.06
		100%	--	16.06	15.97	15.75	15.89	15.66	16.14
	64QAM	1	#0	16.15	16.07	15.89	15.90	15.71	16.26
		1	#Mid	16.02	15.92	15.79	15.89	15.63	16.18
		1	#Max	15.91	15.83	15.68	15.75	15.59	16.04
		50%	#0	16.00	15.97	15.70	15.82	15.60	16.13
		50%	#Mid	15.95	15.81	15.67	15.72	15.50	16.04
		50%	#Max	15.80	15.79	15.59	15.62	15.42	15.92
		100%	--	15.90	15.70	15.68	15.78	15.53	16.00
	256QPSK	1	#0	16.11	16.23	16.10	16.03	15.94	16.26
		1	#Mid	16.14	16.13	16.00	15.93	15.84	16.16
		1	#Max	16.04	16.03	15.90	15.83	15.74	16.06
		50%	#0	15.73	15.72	15.61	15.50	15.43	15.77
		50%	#Mid	15.62	15.62	15.51	15.40	15.33	15.67
		50%	#Max	15.51	15.52	15.41	15.30	15.23	15.57
		100%	--	15.61	15.61	15.55	15.41	15.32	15.62
Mid	QPSK	1	#0	16.35	16.25	16.07	16.18	15.97	16.48
		1	#Mid	16.27	16.12	15.99	16.01	15.85	16.39
		1	#Max	16.16	16.08	15.86	15.99	15.75	16.28
		50%	#0	16.29	16.14	15.94	16.05	15.85	16.38
		50%	#Mid	16.19	16.01	15.82	15.91	15.78	16.21
		50%	#Max	16.04	15.92	15.71	15.81	15.68	16.22
		100%	--	16.13	16.09	15.83	15.95	15.75	16.26
	16QAM	1	#0	16.21	16.18	15.90	16.09	15.84	16.37
		1	#Mid	16.10	16.06	15.81	15.97	15.77	16.24
		1	#Max	16.00	15.94	15.77	15.86	15.62	16.19
		50%	#0	16.18	16.07	15.83	15.93	15.72	16.08
		50%	#Mid	16.01	15.91	15.75	15.89	15.68	15.94
		50%	#Max	15.97	15.85	15.61	15.71	15.51	15.84
		100%	--	16.05	15.96	15.78	15.87	15.66	15.93

	64QAM	1	#0	16.07	16.03	15.77	15.99	15.71	16.21
		1	#Mid	15.94	15.96	15.69	15.84	15.67	16.18
		1	#Max	15.88	15.82	15.54	15.73	15.54	16.07
		50%	#0	15.97	15.94	15.60	15.89	15.62	16.17
		50%	#Mid	15.80	15.80	15.59	15.76	15.54	16.02
		50%	#Max	15.76	15.70	15.43	15.60	15.40	15.97
		100%	--	15.82	15.84	15.56	15.72	15.55	15.89
	256QPSK	1	#0	16.25	16.24	16.18	16.06	15.96	16.27
		1	#Mid	16.15	16.14	16.08	15.96	15.86	16.17
		1	#Max	16.05	16.04	15.98	15.86	15.76	16.07
		50%	#0	15.68	15.75	15.64	15.56	15.47	15.78
		50%	#Mid	15.58	15.65	15.54	15.46	15.37	15.68
		50%	#Max	15.48	15.55	15.44	15.36	15.27	15.58
		100%	--	15.52	15.64	15.57	15.46	15.35	15.62
High	QPSK	1	#0	16.34	16.20	16.04	16.16	15.91	16.47
		1	#Mid	16.24	16.17	15.95	16.04	15.82	16.33
		1	#Max	16.17	16.02	15.85	15.93	15.70	16.25
		50%	#0	16.25	16.18	15.92	16.01	15.80	16.31
		50%	#Mid	16.11	16.00	15.81	15.95	15.79	16.19
		50%	#Max	16.07	15.99	15.70	15.85	15.62	16.18
		100%	--	16.11	16.06	15.86	15.94	15.70	16.22
	16QAM	1	#0	16.22	16.13	15.98	16.06	15.81	16.39
		1	#Mid	16.10	16.09	15.81	15.97	15.78	16.27
		1	#Max	16.05	15.94	15.71	15.85	15.62	16.11
		50%	#0	16.18	16.05	15.81	15.97	15.70	16.22
		50%	#Mid	16.06	15.95	15.73	15.89	15.68	16.13
		50%	#Max	15.96	15.84	15.65	15.73	15.53	16.03
		100%	--	16.00	15.98	15.70	15.88	15.62	16.19
	64QAM	1	#0	16.15	16.03	15.83	15.95	15.71	16.22
		1	#Mid	16.03	15.96	15.78	15.80	15.68	16.18
		1	#Max	15.99	15.87	15.62	15.76	15.53	16.05
		50%	#0	16.03	15.90	15.76	15.86	15.69	16.19
		50%	#Mid	15.94	15.83	15.68	15.77	15.57	16.09
		50%	#Max	15.89	15.79	15.57	15.69	15.44	15.96
		100%	--	15.93	15.81	15.62	15.77	15.50	16.00
	256QPSK	1	#0	16.12	16.22	16.15	16.02	15.95	16.25
		1	#Mid	16.02	16.12	16.05	15.92	15.85	16.15
		1	#Max	15.92	16.02	15.95	15.82	15.75	16.05
		50%	#0	15.65	15.74	15.63	15.53	15.45	15.74
		50%	#Mid	15.55	15.64	15.53	15.43	15.35	15.64
		50%	#Max	15.45	15.54	15.43	15.33	15.25	15.54
		100%	--	15.54	15.63	15.54	15.43	15.31	15.64

Channel	Modulation	LTE Band 5							
		RB	RB	Maximum Conducted Output Power					
		No.	Offset	1.4M	3M	5M	10M	15M	20M
Low	QPSK	1	#0	23.22	23.15	23.17	23.57	--	--
		1	#Mid	23.11	23.10	23.11	23.54	--	--
		1	#Max	23.12	23.05	23.01	23.51	--	--
		50%	#0	22.16	21.21	21.19	21.37	--	--
		50%	#Mid	22.19	21.19	21.18	21.20	--	--
		50%	#Max	22.12	21.14	21.17	21.19	--	--
		100%	--	21.20	21.08	21.02	21.22	--	--
	16QAM	1	#0	21.59	21.91	21.89	21.94	--	--
		1	#Mid	21.55	21.88	21.83	21.89	--	--
		1	#Max	21.58	21.59	21.77	21.91	--	--
		50%	#0	20.76	20.85	20.69	20.87	--	--
		50%	#Mid	20.73	20.71	20.63	20.82	--	--
		50%	#Max	20.74	20.76	20.47	20.81	--	--
		100%	--	20.42	20.53	20.46	20.85	--	--
	64QAM	1	#0	20.39	20.66	20.64	20.67	--	--
		1	#Mid	20.29	20.51	20.56	20.58	--	--
		1	#Max	20.32	20.25	20.46	20.35	--	--
		50%	#0	19.78	19.68	19.75	19.85	--	--
		50%	#Mid	19.66	19.62	19.57	19.76	--	--
		50%	#Max	19.51	19.59	19.60	19.69	--	--
		100%	--	19.44	19.51	19.50	19.52	--	--
	256QPSK	1	#0	18.03	18.23	18.32	18.42	--	--
		1	#Mid	17.94	18.21	18.27	18.39	--	--
		1	#Max	17.97	18.05	17.96	18.07	--	--
		50%	#0	17.89	18.04	18.16	18.17	--	--
		50%	#Mid	17.88	18.02	18.12	18.15	--	--
		50%	#Max	17.86	17.92	17.95	18.01	--	--
		100%	--	17.81	18.01	18.04	18.05	--	--
Mid	QPSK	1	#0	23.15	23.30	23.40	23.67	--	--
		1	#Mid	23.09	23.20	23.39	23.59	--	--
		1	#Max	23.02	23.11	23.31	23.51	--	--
		50%	#0	21.22	21.69	21.61	21.77	--	--
		50%	#Mid	21.24	21.62	21.48	21.65	--	--
		50%	#Max	21.11	21.54	21.52	21.57	--	--
		100%	--	21.11	21.57	21.57	21.59	--	--
	16QAM	1	#0	21.62	21.58	21.43	21.81	--	--
		1	#Mid	21.57	21.56	21.19	21.66	--	--
		1	#Max	21.33	21.40	21.23	21.56	--	--
		50%	#0	20.36	20.45	20.34	20.55	--	--
		50%	#Mid	20.11	20.15	20.22	20.21	--	--
		50%	#Max	20.13	20.36	20.11	20.37	--	--

		100%	--	20.13	20.19	20.17	20.21	--	--
		1	#0	20.46	20.47	20.35	20.48	--	--
		1	#Mid	20.36	20.23	20.34	20.37	--	--
		1	#Max	20.04	20.39	20.28	20.41	--	--
		50%	#0	19.28	19.30	19.39	19.41	--	--
		50%	#Mid	19.21	19.27	19.17	19.28	--	--
		50%	#Max	19.23	19.24	19.17	19.25	--	--
		100%	--	19.13	19.25	19.18	19.26	--	--
		1	#0	17.75	17.94	17.91	17.97	--	--
		1	#Mid	17.72	17.82	17.86	17.89	--	--
		1	#Max	17.69	17.67	17.72	17.74	--	--
		50%	#0	17.72	17.73	17.76	17.82	--	--
		50%	#Mid	17.71	17.72	17.75	17.76	--	--
		50%	#Max	17.61	17.66	17.66	17.68	--	--
High	QPSK	100%	--	17.61	17.72	17.73	17.77	--	--
		1	#0	23.18	23.11	23.26	23.27	--	--
		1	#Mid	23.16	23.08	23.21	23.22	--	--
		1	#Max	23.08	23.01	23.24	23.25	--	--
		50%	#0	21.16	21.08	21.23	21.25	--	--
		50%	#Mid	21.01	21.07	21.18	21.19	--	--
		50%	#Max	21.09	21.01	21.16	21.17	--	--
	16QAM	100%	--	20.76	21.01	20.69	21.05	--	--
		1	#0	20.95	20.94	21.08	21.30	--	--
		1	#Mid	20.86	20.91	21.07	21.08	--	--
		1	#Max	20.81	20.92	20.85	20.95	--	--
		50%	#0	19.75	19.94	19.91	19.98	--	--
		50%	#Mid	19.63	19.85	19.84	19.87	--	--
		50%	#Max	19.59	19.76	19.52	19.81	--	--
	64QAM	100%	--	19.52	19.62	19.77	19.86	--	--
		1	#0	19.80	19.89	19.74	20.57	--	--
		1	#Mid	19.71	19.76	19.64	20.04	--	--
		1	#Max	19.66	19.66	19.56	20.02	--	--
		50%	#0	19.74	18.79	18.88	18.98	--	--
		50%	#Mid	18.60	18.71	18.85	18.89	--	--
		50%	#Max	18.52	18.61	18.76	18.78	--	--
	256QPSK	100%	--	18.77	18.70	18.72	18.89	--	--
		1	#0	17.34	17.41	17.71	17.78	--	--
		1	#Mid	17.33	17.33	17.69	17.75	--	--
		1	#Max	17.29	17.31	17.52	17.66	--	--
		50%	#0	17.37	17.38	17.51	17.64	--	--
		50%	#Mid	17.36	17.35	17.47	17.58	--	--
		50%	#Max	17.29	17.37	17.31	17.41	--	--
		100%	--	17.23	17.35	17.45	17.55	--	--

Channel	Modulation	LTE Band 7							
		RB	RB	Maximum Conducted Output Power					
		No.	Offset	1.4M	3M	5M	10M	15M	20M
Low	QPSK	1	#0	--	--	22.35	22.15	22.26	22.41
		1	#Mid	--	--	22.20	22.02	22.18	22.28
		1	#Max	--	--	22.12	21.96	22.01	22.24
		50%	#0	--	--	22.29	22.09	22.14	22.28
		50%	#Mid	--	--	22.13	21.98	22.05	22.23
		50%	#Max	--	--	22.06	21.87	21.94	22.17
		100%	--	--	--	22.11	21.95	22.02	22.24
	16QAM	1	#0	--	--	22.21	22.08	22.19	22.36
		1	#Mid	--	--	22.17	21.97	22.03	22.25
		1	#Max	--	--	22.05	21.89	21.99	22.17
		50%	#0	--	--	21.39	21.12	21.20	21.43
		50%	#Mid	--	--	21.20	21.03	21.10	21.37
		50%	#Max	--	--	21.15	20.95	21.04	21.22
		100%	--	--	--	21.29	21.01	21.11	21.35
	64QAM	1	#0	--	--	21.27	21.04	21.19	21.32
		1	#Mid	--	--	21.18	20.92	21.00	21.26
		1	#Max	--	--	21.01	20.85	20.91	21.18
		50%	#0	--	--	20.37	20.11	20.20	20.44
		50%	#Mid	--	--	20.24	20.19	20.16	20.37
		50%	#Max	--	--	20.16	20.12	20.26	20.26
		100%	--	--	--	20.25	20.00	20.14	20.35
	256QPSK	1	#0	--	--	18.11	18.01	17.91	18.21
		1	#Mid	--	--	18.01	17.91	17.81	18.11
		1	#Max	--	--	17.91	17.81	17.71	18.01
		50%	#0	--	--	17.43	17.33	17.23	17.53
		50%	#Mid	--	--	17.33	17.23	17.13	17.43
		50%	#Max	--	--	17.23	17.13	17.03	17.33
		100%	--	--	--	17.62	17.51	17.44	17.70
Mid	QPSK	1	#0	--	--	22.37	22.17	22.29	22.48
		1	#Mid	--	--	22.25	22.06	22.15	22.31
		1	#Max	--	--	22.18	21.93	22.05	22.27
		50%	#0	--	--	22.28	22.05	22.19	22.36
		50%	#Mid	--	--	22.16	21.99	22.07	22.26
		50%	#Max	--	--	22.06	21.84	21.91	22.19
		100%	--	--	--	22.13	21.99	22.08	22.25
	16QAM	1	#0	--	--	22.22	22.08	22.13	22.34
		1	#Mid	--	--	22.16	21.98	22.04	22.26
		1	#Max	--	--	22.09	21.81	21.93	22.10
		50%	#0	--	--	21.30	21.14	21.20	21.44
		50%	#Mid	--	--	21.29	21.00	21.10	21.32
		50%	#Max	--	--	21.15	20.95	21.03	21.26
		100%	--	--	--	21.22	21.03	21.12	21.33

	64QAM	1	#0	--	--	21.19	21.03	21.14	21.33
		1	#Mid	--	--	21.03	20.95	21.08	21.34
		1	#Max	--	--	20.93	20.88	20.98	21.28
		50%	#0	--	--	20.30	20.15	20.22	20.49
		50%	#Mid	--	--	20.29	20.17	20.14	20.39
		50%	#Max	--	--	20.17	20.13	20.20	20.20
		100%	--	--	--	20.29	20.08	20.11	20.32
	256QPSK	1	#0	--	--	18.19	18.03	17.99	18.28
		1	#Mid	--	--	18.09	17.93	17.89	18.18
		1	#Max	--	--	17.99	17.83	17.79	18.08
		50%	#0	--	--	17.45	17.35	17.25	17.55
		50%	#Mid	--	--	17.35	17.25	17.15	17.45
		50%	#Max	--	--	17.25	17.15	17.05	17.35
		100%	--	--	--	17.38	17.28	17.18	17.48
High	QPSK	1	#0	--	--	22.30	22.15	22.15	22.45
		1	#Mid	--	--	22.27	22.00	22.26	22.31
		1	#Max	--	--	22.10	21.99	22.08	22.21
		50%	#0	--	--	22.26	22.05	21.82	22.25
		50%	#Mid	--	--	22.15	21.91	21.75	22.26
		50%	#Max	--	--	22.08	21.89	21.87	22.16
		100%	--	--	--	22.12	21.99	21.88	22.18
	16QAM	1	#0	--	--	22.27	22.00	22.17	22.39
		1	#Mid	--	--	22.15	21.98	22.02	22.28
		1	#Max	--	--	22.00	21.85	21.96	22.19
		50%	#0	--	--	21.36	21.18	21.26	21.41
		50%	#Mid	--	--	21.25	21.07	21.14	21.39
		50%	#Max	--	--	21.18	20.91	21.08	21.28
		100%	--	--	--	21.26	21.00	21.18	21.32
	64QAM	1	#0	--	--	21.29	21.07	21.11	21.37
		1	#Mid	--	--	21.17	20.95	21.05	21.31
		1	#Max	--	--	21.00	20.85	20.94	21.22
		50%	#0	--	--	20.25	20.12	20.21	20.47
		50%	#Mid	--	--	20.16	20.15	20.10	20.38
		50%	#Max	--	--	20.09	20.10	20.21	20.24
		100%	--	--	--	20.15	20.03	20.18	20.38
	256QPSK	1	#0	--	--	18.15	18.05	17.95	18.25
		1	#Mid	--	--	18.05	17.95	17.85	18.15
		1	#Max	--	--	17.95	17.85	17.75	18.05
		50%	#0	--	--	17.45	17.35	17.25	17.55
		50%	#Mid	--	--	17.35	17.25	17.15	17.45
		50%	#Max	--	--	17.25	17.15	17.05	17.35
		100%	--	--	--	17.38	17.28	17.18	17.48

Channel	Modulation	LTE Band 12							
		RB	RB	Maximum Conducted Output Power					
		No.	Offset	1.4M	3M	5M	10M	15M	20M
Low	QPSK	1	#0	22.22	22.21	22.24	22.38	--	--
		1	#Mid	22.15	22.20	22.13	22.33	--	--
		1	#Max	22.16	22.06	22.12	22.34	--	--
		50%	#0	22.21	21.27	21.19	21.48	--	--
		50%	#Mid	22.13	21.25	21.17	21.45	--	--
		50%	#Max	22.10	21.15	21.18	21.42	--	--
		100%	--	21.19	21.15	21.13	21.41	--	--
	16QAM	1	#0	21.79	21.71	21.76	21.84	--	--
		1	#Mid	21.72	21.66	21.74	21.76	--	--
		1	#Max	21.64	21.25	21.66	21.71	--	--
		50%	#0	21.36	20.32	20.25	20.78	--	--
		50%	#Mid	21.26	20.28	20.24	20.76	--	--
		50%	#Max	21.31	20.31	20.17	20.76	--	--
		100%	--	20.18	20.17	20.24	20.75	--	--
	64QAM	1	#0	20.51	20.35	20.56	20.86	--	--
		1	#Mid	20.42	20.30	20.45	20.79	--	--
		1	#Max	20.13	20.22	20.44	20.73	--	--
		50%	#0	20.32	19.38	19.32	19.75	--	--
		50%	#Mid	20.22	19.34	19.23	19.74	--	--
		50%	#Max	20.16	19.17	19.08	19.73	--	--
		100%	--	19.24	19.29	19.18	19.74	--	--
	256QPSK	1	#0	17.41	17.42	17.45	17.76	--	--
		1	#Mid	17.35	17.41	17.44	17.75	--	--
		1	#Max	17.34	17.32	17.25	17.38	--	--
		50%	#0	17.37	17.34	17.34	17.47	--	--
		50%	#Mid	17.31	17.32	17.31	17.37	--	--
		50%	#Max	17.36	17.31	17.24	17.39	--	--
		100%	--	17.21	17.23	17.27	17.38	--	--
Mid	QPSK	1	#0	22.24	22.39	22.19	22.39	--	--
		1	#Mid	22.16	22.20	22.17	22.38	--	--
		1	#Max	22.15	22.14	22.09	22.36	--	--
		50%	#0	22.23	21.31	21.26	21.51	--	--
		50%	#Mid	22.17	21.30	21.20	21.46	--	--
		50%	#Max	22.14	21.23	21.25	21.43	--	--
		100%	--	21.23	21.13	21.16	21.37	--	--
	16QAM	1	#0	21.68	21.84	21.66	21.85	--	--
		1	#Mid	21.57	21.36	21.65	21.80	--	--
		1	#Max	21.59	21.30	21.11	21.77	--	--
		50%	#0	21.34	20.63	20.36	20.79	--	--
		50%	#Mid	21.31	20.53	20.33	20.78	--	--
		50%	#Max	21.29	20.33	20.27	20.71	--	--
		100%	--	20.29	20.23	20.11	20.61	--	--

	64QAM	1	#0	20.38	20.47	20.65	20.94	--	--
		1	#Mid	20.31	20.46	20.55	20.87	--	--
		1	#Max	20.28	20.44	20.35	20.77	--	--
		50%	#0	20.31	19.35	19.26	19.77	--	--
		50%	#Mid	20.30	19.32	19.15	19.71	--	--
		50%	#Max	20.26	19.34	19.22	19.69	--	--
		100%	--	19.43	19.17	19.18	19.65	--	--
	256QPSK	1	#0	17.37	17.41	17.45	17.74	--	--
		1	#Mid	17.27	17.32	17.38	17.52	--	--
		1	#Max	17.22	17.26	17.37	17.41	--	--
		50%	#0	17.35	17.37	17.36	17.41	--	--
		50%	#Mid	17.34	17.33	17.35	17.36	--	--
		50%	#Max	17.31	17.34	17.33	17.35	--	--
		100%	--	17.15	17.12	17.12	17.26	--	--
High	QPSK	1	#0	22.29	22.14	22.28	22.37	--	--
		1	#Mid	22.20	22.08	22.27	22.34	--	--
		1	#Max	22.11	22.11	22.21	22.32	--	--
		50%	#0	22.27	21.28	21.25	21.46	--	--
		50%	#Mid	22.25	21.26	21.22	21.41	--	--
		50%	#Max	22.26	21.18	21.13	21.37	--	--
		100%	--	21.22	21.19	21.14	21.35	--	--
	16QAM	1	#0	21.88	21.75	21.76	21.85	--	--
		1	#Mid	21.65	21.29	21.68	21.81	--	--
		1	#Max	21.64	21.49	21.43	21.76	--	--
		50%	#0	21.48	20.56	20.31	20.79	--	--
		50%	#Mid	21.47	20.45	20.29	20.74	--	--
		50%	#Max	21.41	20.52	20.28	20.68	--	--
		100%	--	20.42	20.28	20.14	20.63	--	--
	64QAM	1	#0	20.56	20.42	20.61	20.82	--	--
		1	#Mid	20.45	20.35	20.59	20.74	--	--
		1	#Max	20.12	20.06	20.54	20.77	--	--
		50%	#0	20.33	19.40	19.34	19.75	--	--
		50%	#Mid	20.22	19.32	19.28	19.69	--	--
		50%	#Max	20.24	19.29	19.21	19.67	--	--
		100%	--	19.42	19.21	19.17	19.66	--	--
	256QPSK	1	#0	17.34	17.36	17.46	17.77	--	--
		1	#Mid	17.31	17.25	17.43	17.46	--	--
		1	#Max	17.25	17.22	17.38	17.39	--	--
		50%	#0	17.27	17.35	17.35	17.37	--	--
		50%	#Mid	17.22	17.29	17.29	17.32	--	--
		50%	#Max	17.21	17.24	17.34	17.35	--	--
		100%	--	17.15	17.14	17.16	17.29	--	--

Channel	Modulation	LTE Band 13							
		RB	RB	Maximum Conducted Output Power					
		No.	Offset	1.4M	3M	5M	10M	15M	20M
Low	QPSK	1	#0	--	--	22.53	--	--	--
		1	#Mid	--	--	22.52	--	--	--
		1	#Max	--	--	22.57	--	--	--
		50%	#0	--	--	21.57	--	--	--
		50%	#Mid	--	--	21.54	--	--	--
		50%	#Max	--	--	21.52	--	--	--
		100%	--	--	--	21.16	--	--	--
	16QAM	1	#0	--	--	21.48	--	--	--
		1	#Mid	--	--	21.28	--	--	--
		1	#Max	--	--	21.47	--	--	--
		50%	#0	--	--	20.38	--	--	--
		50%	#Mid	--	--	20.37	--	--	--
		50%	#Max	--	--	20.33	--	--	--
		100%	--	--	--	20.31	--	--	--
	64QAM	1	#0	--	--	20.79	--	--	--
		1	#Mid	--	--	20.72	--	--	--
		1	#Max	--	--	20.31	--	--	--
		50%	#0	--	--	19.38	--	--	--
		50%	#Mid	--	--	19.35	--	--	--
		50%	#Max	--	--	19.37	--	--	--
		100%	--	--	--	19.29	--	--	--
	256QPSK	1	#0	--	--	17.73	--	--	--
		1	#Mid	--	--	17.68	--	--	--
		1	#Max	--	--	17.61	--	--	--
		50%	#0	--	--	17.58	--	--	--
		50%	#Mid	--	--	17.57	--	--	--
		50%	#Max	--	--	17.51	--	--	--
		100%	--	--	--	17.55	--	--	--
Mid	QPSK	1	#0	--	--	22.55	22.67	--	--
		1	#Mid	--	--	22.52	22.65	--	--
		1	#Max	--	--	22.51	22.66	--	--
		50%	#0	--	--	21.67	21.69	--	--
		50%	#Mid	--	--	21.59	21.63	--	--
		50%	#Max	--	--	21.58	21.62	--	--
		100%	--	--	--	21.22	21.35	--	--
	16QAM	1	#0	--	--	21.41	21.98	--	--
		1	#Mid	--	--	21.38	21.95	--	--
		1	#Max	--	--	21.33	21.91	--	--
		50%	#0	--	--	20.32	20.38	--	--
		50%	#Mid	--	--	20.30	20.32	--	--
		50%	#Max	--	--	20.26	20.37	--	--
		100%	--	--	--	21.30	20.34	--	--

	64QAM	1	#0	--	--	20.48	20.90	--	--
		1	#Mid	--	--	20.13	20.66	--	--
		1	#Max	--	--	20.30	20.32	--	--
		50%	#0	--	--	19.33	19.46	--	--
		50%	#Mid	--	--	19.23	19.35	--	--
		50%	#Max	--	--	19.28	19.41	--	--
		100%	--	--	--	19.29	19.31	--	--
	256QPSK	1	#0	--	--	17.68	17.91	--	--
		1	#Mid	--	--	17.67	17.81	--	--
		1	#Max	--	--	17.61	17.77	--	--
		50%	#0	--	--	17.52	17.59	--	--
		50%	#Mid	--	--	17.47	17.51	--	--
		50%	#Max	--	--	17.42	17.54	--	--
		100%	--	--	--	17.42	17.53	--	--
High	QPSK	1	#0	--	--	22.56	--	--	--
		1	#Mid	--	--	22.54	--	--	--
		1	#Max	--	--	22.52	--	--	--
		50%	#0	--	--	21.67	--	--	--
		50%	#Mid	--	--	21.60	--	--	--
		50%	#Max	--	--	21.60	--	--	--
		100%	--	--	--	21.27	--	--	--
	16QAM	1	#0	--	--	21.96	--	--	--
		1	#Mid	--	--	21.70	--	--	--
		1	#Max	--	--	21.72	--	--	--
		50%	#0	--	--	20.38	--	--	--
		50%	#Mid	--	--	20.36	--	--	--
		50%	#Max	--	--	20.36	--	--	--
		100%	--	--	--	20.24	--	--	--
	64QAM	1	#0	--	--	20.48	--	--	--
		1	#Mid	--	--	20.33	--	--	--
		1	#Max	--	--	20.36	--	--	--
		50%	#0	--	--	19.30	--	--	--
		50%	#Mid	--	--	19.23	--	--	--
		50%	#Max	--	--	19.24	--	--	--
		100%	--	--	--	19.29	--	--	--
	256QPSK	1	#0	--	--	17.61	--	--	--
		1	#Mid	--	--	17.52	--	--	--
		1	#Max	--	--	17.53	--	--	--
		50%	#0	--	--	17.57	--	--	--
		50%	#Mid	--	--	17.56	--	--	--
		50%	#Max	--	--	17.54	--	--	--
		100%	--	--	--	17.45	--	--	--

Channel	Modulation	LTE Band 14							
		RB	RB	Maximum Conducted Output Power					
		No.	Offset	1.4M	3M	5M	10M	15M	20M
Low	QPSK	1	#0	--	--	22.37	--	--	--
		1	#Mid	--	--	22.27	--	--	--
		1	#Max	--	--	22.17	--	--	--
		50%	#0	--	--	21.47	--	--	--
		50%	#Mid	--	--	21.43	--	--	--
		50%	#Max	--	--	21.37	--	--	--
		100%	--	--	--	21.28	--	--	--
	16QAM	1	#0	--	--	21.53	--	--	--
		1	#Mid	--	--	21.49	--	--	--
		1	#Max	--	--	21.35	--	--	--
		50%	#0	--	--	20.29	--	--	--
		50%	#Mid	--	--	20.24	--	--	--
		50%	#Max	--	--	20.14	--	--	--
		100%	--	--	--	20.15	--	--	--
	64QAM	1	#0	--	--	20.55	--	--	--
		1	#Mid	--	--	20.43	--	--	--
		1	#Max	--	--	20.35	--	--	--
		50%	#0	--	--	19.55	--	--	--
		50%	#Mid	--	--	19.45	--	--	--
		50%	#Max	--	--	19.31	--	--	--
		100%	--	--	--	19.15	--	--	--
	256QPSK	1	#0	--	--	17.45	--	--	--
		1	#Mid	--	--	17.33	--	--	--
		1	#Max	--	--	17.32	--	--	--
		50%	#0	--	--	17.38	--	--	--
		50%	#Mid	--	--	17.34	--	--	--
		50%	#Max	--	--	17.31	--	--	--
		100%	--	--	--	17.24	--	--	--
Mid	QPSK	1	#0	--	--	22.38	22.56	--	--
		1	#Mid	--	--	22.28	22.44	--	--
		1	#Max	--	--	22.10	22.36	--	--
		50%	#0	--	--	21.19	21.62	--	--
		50%	#Mid	--	--	21.13	21.56	--	--
		50%	#Max	--	--	21.12	21.47	--	--
		100%	--	--	--	21.09	21.42	--	--
	16QAM	1	#0	--	--	21.48	21.56	--	--
		1	#Mid	--	--	21.32	21.48	--	--
		1	#Max	--	--	21.29	21.47	--	--
		50%	#0	--	--	20.51	20.58	--	--
		50%	#Mid	--	--	20.24	20.52	--	--
		50%	#Max	--	--	20.21	20.49	--	--
		100%	--	--	--	20.04	20.45	--	--

	64QAM	1	#0	--	--	20.51	20.56	--	--
		1	#Mid	--	--	20.36	20.43	--	--
		1	#Max	--	--	20.26	20.42	--	--
		50%	#0	--	--	19.48	19.56	--	--
		50%	#Mid	--	--	19.10	19.48	--	--
		50%	#Max	--	--	19.14	19.43	--	--
		100%	--	--	--	19.13	19.22	--	--
	256QPSK	1	#0	--	--	17.35	17.58	--	--
		1	#Mid	--	--	17.34	17.53	--	--
		1	#Max	--	--	17.33	17.52	--	--
		50%	#0	--	--	17.34	17.35	--	--
		50%	#Mid	--	--	17.31	17.32	--	--
		50%	#Max	--	--	17.32	17.31	--	--
		100%	--	--	--	17.14	17.21	--	--
High	QPSK	1	#0	--	--	22.33	--	--	--
		1	#Mid	--	--	22.21	--	--	--
		1	#Max	--	--	22.18	--	--	--
		50%	#0	--	--	21.51	--	--	--
		50%	#Mid	--	--	21.16	--	--	--
		50%	#Max	--	--	21.26	--	--	--
		100%	--	--	--	21.14	--	--	--
	16QAM	1	#0	--	--	21.64	--	--	--
		1	#Mid	--	--	21.51	--	--	--
		1	#Max	--	--	21.39	--	--	--
		50%	#0	--	--	20.41	--	--	--
		50%	#Mid	--	--	20.27	--	--	--
		50%	#Max	--	--	20.31	--	--	--
		100%	--	--	--	20.21	--	--	--
	64QAM	1	#0	--	--	20.65	--	--	--
		1	#Mid	--	--	20.64	--	--	--
		1	#Max	--	--	20.03	--	--	--
		50%	#0	--	--	19.43	--	--	--
		50%	#Mid	--	--	19.33	--	--	--
		50%	#Max	--	--	19.33	--	--	--
		100%	--	--	--	19.18	--	--	--
	256QPSK	1	#0	--	--	17.48	--	--	--
		1	#Mid	--	--	17.42	--	--	--
		1	#Max	--	--	17.43	--	--	--
		50%	#0	--	--	17.41	--	--	--
		50%	#Mid	--	--	17.32	--	--	--
		50%	#Max	--	--	17.35	--	--	--
		100%	--	--	--	17.39	--	--	--

Channel	Modulation	LTE Band 17							
		RB	RB	Maximum Conducted Output Power					
		No.	Offset	1.4M	3M	5M	10M	15M	20M
Low	QPSK	1	#0	--	--	22.21	22.30	--	--
		1	#Mid	--	--	22.16	22.07	--	--
		1	#Max	--	--	22.10	22.12	--	--
		50%	#0	--	--	21.19	21.27	--	--
		50%	#Mid	--	--	21.09	21.12	--	--
		50%	#Max	--	--	21.09	21.12	--	--
		100%	--	--	--	21.03	21.15	--	--
	16QAM	1	#0	--	--	21.56	21.70	--	--
		1	#Mid	--	--	21.34	21.24	--	--
		1	#Max	--	--	21.32	21.67	--	--
		50%	#0	--	--	20.24	20.30	--	--
		50%	#Mid	--	--	20.15	20.06	--	--
		50%	#Max	--	--	19.97	20.18	--	--
		100%	--	--	--	20.09	20.19	--	--
	64QAM	1	#0	--	--	20.40	20.48	--	--
		1	#Mid	--	--	19.91	20.07	--	--
		1	#Max	--	--	19.87	19.81	--	--
		50%	#0	--	--	19.18	19.21	--	--
		50%	#Mid	--	--	19.08	19.19	--	--
		50%	#Max	--	--	19.17	19.07	--	--
		100%	--	--	--	19.10	19.13	--	--
	256QPSK	1	#0	--	--	17.42	17.60	--	--
		1	#Mid	--	--	17.39	17.49	--	--
		1	#Max	--	--	17.22	17.29	--	--
		50%	#0	--	--	17.32	17.31	--	--
		50%	#Mid	--	--	17.25	17.29	--	--
		50%	#Max	--	--	17.19	17.29	--	--
		100%	--	--	--	17.11	17.21	--	--
Mid	QPSK	1	#0	--	--	22.14	22.34	--	--
		1	#Mid	--	--	22.13	22.14	--	--
		1	#Max	--	--	22.00	22.00	--	--
		50%	#0	--	--	21.08	21.10	--	--
		50%	#Mid	--	--	21.02	21.03	--	--
		50%	#Max	--	--	21.07	21.09	--	--
		100%	--	--	--	20.91	20.98	--	--
	16QAM	1	#0	--	--	21.72	21.74	--	--
		1	#Mid	--	--	21.20	21.53	--	--
		1	#Max	--	--	21.49	21.37	--	--
		50%	#0	--	--	20.22	20.32	--	--
		50%	#Mid	--	--	20.02	20.08	--	--
		50%	#Max	--	--	20.20	20.12	--	--
		100%	--	--	--	20.04	20.01	--	--

	64QAM	1	#0	--	--	20.40	20.42	--	--
		1	#Mid	--	--	20.30	20.17	--	--
		1	#Max	--	--	20.34	20.34	--	--
		50%	#0	--	--	19.15	19.19	--	--
		50%	#Mid	--	--	19.12	19.10	--	--
		50%	#Max	--	--	18.99	19.14	--	--
		100%	--	--	--	19.06	19.07	--	--
	256QPSK	1	#0	--	--	17.22	17.40	--	--
		1	#Mid	--	--	17.17	17.32	--	--
		1	#Max	--	--	17.15	17.34	--	--
		50%	#0	--	--	17.23	17.34	--	--
		50%	#Mid	--	--	17.20	17.31	--	--
		50%	#Max	--	--	17.21	17.27	--	--
		100%	--	--	--	17.17	17.29	--	--
High	QPSK	1	#0	--	--	22.17	22.31	--	--
		1	#Mid	--	--	22.09	22.00	--	--
		1	#Max	--	--	22.13	22.00	--	--
		50%	#0	--	--	21.13	21.13	--	--
		50%	#Mid	--	--	21.12	21.10	--	--
		50%	#Max	--	--	21.02	21.12	--	--
		100%	--	--	--	21.05	21.10	--	--
	16QAM	1	#0	--	--	21.68	21.70	--	--
		1	#Mid	--	--	21.56	21.58	--	--
		1	#Max	--	--	21.47	21.65	--	--
		50%	#0	--	--	20.18	20.24	--	--
		50%	#Mid	--	--	20.13	20.10	--	--
		50%	#Max	--	--	20.17	20.22	--	--
		100%	--	--	--	19.97	20.03	--	--
	64QAM	1	#0	--	--	20.24	20.31	--	--
		1	#Mid	--	--	20.08	20.18	--	--
		1	#Max	--	--	20.10	20.05	--	--
		50%	#0	--	--	19.21	19.31	--	--
		50%	#Mid	--	--	19.13	19.06	--	--
		50%	#Max	--	--	19.14	19.00	--	--
		100%	--	--	--	19.14	19.17	--	--
	256QPSK	1	#0	--	--	17.21	17.31	--	--
		1	#Mid	--	--	17.11	17.24	--	--
		1	#Max	--	--	17.13	17.23	--	--
		50%	#0	--	--	17.15	17.27	--	--
		50%	#Mid	--	--	17.26	17.25	--	--
		50%	#Max	--	--	17.21	17.26	--	--
		100%	--	--	--	17.07	17.19	--	--

Channel	Modulation	LTE Band 25							
		RB	RB	Maximum Conducted Output Power					
		No.	Offset	1.4M	3M	5M	10M	15M	20M
Low	QPSK	1	#0	16.73	16.70	16.73	16.78	16.76	16.92
		1	#Mid	16.69	16.60	16.64	16.64	16.60	16.77
		1	#Max	16.50	16.50	16.56	16.55	16.55	16.63
		50%	#0	16.68	16.61	16.69	16.69	16.68	16.78
		50%	#Mid	16.52	16.51	16.52	16.54	16.53	16.66
		50%	#Max	16.42	16.43	16.46	16.49	16.45	16.50
		100%	--	16.54	16.56	16.57	16.55	16.57	16.69
	16QAM	1	#0	16.63	16.62	16.65	16.61	16.69	16.72
		1	#Mid	16.55	16.52	16.51	16.56	16.54	16.62
		1	#Max	16.40	16.48	16.44	16.47	16.46	16.57
		50%	#0	16.57	16.57	16.55	16.56	16.52	16.68
		50%	#Mid	16.44	16.44	16.49	16.40	16.43	16.56
		50%	#Max	16.37	16.31	16.31	16.36	16.34	16.49
		100%	--	16.44	16.40	16.45	16.45	16.46	16.56
	64QAM	1	#0	16.59	16.58	16.57	16.50	16.50	16.67
		1	#Mid	16.45	16.46	16.43	16.49	16.41	16.54
		1	#Max	16.35	16.30	16.33	16.33	16.34	16.47
		50%	#0	16.49	16.47	16.43	16.43	16.43	16.54
		50%	#Mid	16.39	16.35	16.38	16.39	16.35	16.40
		50%	#Max	16.29	16.29	16.23	16.21	16.24	16.36
		100%	--	16.36	16.39	16.31	16.31	16.35	16.40
	256QPSK	1	#0	16.15	16.14	16.25	16.34	16.31	16.42
		1	#Mid	16.14	16.01	16.16	16.22	16.22	16.33
		1	#Max	16.24	16.25	16.27	16.24	16.25	16.29
		50%	#0	16.25	16.22	16.29	16.29	16.31	16.35
		50%	#Mid	16.23	16.20	16.21	16.23	16.23	16.25
		50%	#Max	16.06	16.03	16.09	16.06	16.05	16.12
		100%	--	16.11	16.10	16.14	16.14	16.22	16.23
Mid	QPSK	1	#0	16.74	16.79	16.73	16.72	16.77	16.95
		1	#Mid	16.60	16.61	16.68	16.68	16.61	16.89
		1	#Max	16.54	16.54	16.54	16.57	16.55	16.78
		50%	#0	16.67	16.67	16.67	16.68	16.68	16.91
		50%	#Mid	16.57	16.59	16.55	16.54	16.52	16.77
		50%	#Max	16.48	16.42	16.43	16.46	16.46	16.66
		100%	--	16.52	16.56	16.57	16.51	16.52	16.79
	16QAM	1	#0	16.56	16.57	16.53	16.50	16.54	16.82
		1	#Mid	16.41	16.45	16.46	16.40	16.44	16.75
		1	#Max	16.31	16.39	16.36	16.30	16.33	16.66
		50%	#0	16.48	16.47	16.40	16.43	16.42	16.71
		50%	#Mid	16.35	16.34	16.37	16.36	16.39	16.67
		50%	#Max	16.29	16.26	16.22	16.28	16.20	16.59
		100%	--	16.32	16.33	16.34	16.30	16.35	16.68

	64QAM	1	#0	16.49	16.48	16.47	16.49	16.45	16.79
		1	#Mid	16.38	16.35	16.31	16.34	16.37	16.62
		1	#Max	16.22	16.21	16.23	16.22	16.22	16.53
		50%	#0	16.38	16.33	16.39	16.39	16.31	16.63
		50%	#Mid	16.25	16.20	16.21	16.24	16.23	16.58
		50%	#Max	16.16	16.14	16.10	16.12	16.15	16.47
		100%	--	16.26	16.20	16.25	16.29	16.27	16.55
	256QPSK	1	#0	16.44	16.44	16.44	16.44	16.45	16.47
		1	#Mid	16.27	16.27	16.24	16.24	16.26	16.36
		1	#Max	16.17	16.21	16.25	16.23	16.22	16.26
		50%	#0	16.35	16.32	16.33	16.35	16.34	16.36
		50%	#Mid	16.16	16.13	16.13	16.19	16.15	16.21
		50%	#Max	16.17	16.11	16.11	16.17	16.13	16.19
		100%	--	16.21	16.21	16.24	16.24	16.21	16.26
High	QPSK	1	#0	16.76	16.75	16.75	16.70	16.73	16.94
		1	#Mid	16.66	16.69	16.66	16.67	16.68	16.80
		1	#Max	16.51	16.52	16.56	16.56	16.50	16.69
		50%	#0	16.60	16.66	16.63	16.62	16.61	16.80
		50%	#Mid	16.55	16.57	16.58	16.58	16.56	16.69
		50%	#Max	16.47	16.49	16.40	16.49	16.48	16.65
		100%	--	16.50	16.50	16.54	16.59	16.54	16.76
	16QAM	1	#0	16.64	16.64	16.61	16.68	16.60	16.82
		1	#Mid	16.58	16.50	16.58	16.50	16.55	16.77
		1	#Max	16.45	16.41	16.48	16.49	16.48	16.60
		50%	#0	16.59	16.53	16.57	16.55	16.51	16.74
		50%	#Mid	16.40	16.49	16.46	16.40	16.45	16.69
		50%	#Max	16.31	16.30	16.34	16.39	16.38	16.53
		100%	--	16.49	16.42	16.46	16.46	16.42	16.61
	64QAM	1	#0	16.55	16.52	16.50	16.59	16.57	16.76
		1	#Mid	16.42	16.40	16.40	16.42	16.44	16.63
		1	#Max	16.38	16.30	16.30	16.31	16.38	16.53
		50%	#0	16.46	16.41	16.48	16.45	16.41	16.63
		50%	#Mid	16.36	16.30	16.38	16.34	16.34	16.53
		50%	#Max	16.29	16.27	16.28	16.21	16.24	16.44
		100%	--	16.33	16.35	16.34	16.34	16.35	16.58
	256QPSK	1	#0	16.42	16.41	16.39	16.42	16.42	16.43
		1	#Mid	16.31	16.34	16.32	16.35	16.32	16.36
		1	#Max	16.22	16.21	16.23	16.22	16.21	16.25
		50%	#0	16.32	16.33	16.32	16.32	16.31	16.39
		50%	#Mid	16.24	16.19	16.26	16.19	16.24	16.27
		50%	#Max	16.12	16.11	16.14	16.14	16.13	16.15
		100%	--	16.22	16.21	16.22	16.24	16.24	16.28

Channel	Modulation	LTE Band 26							
		RB	RB	Maximum Conducted Output Power					
		No.	Offset	1.4M	3M	5M	10M	15M	20M
Low	QPSK	1	#0	22.49	22.38	22.66	22.26	22.91	--
		1	#Mid	22.38	22.25	22.51	22.17	22.54	--
		1	#Max	22.31	22.22	22.39	22.00	22.48	--
		50%	#0	22.29	21.67	21.67	21.33	21.68	--
		50%	#Mid	22.24	21.65	21.60	21.18	21.67	--
		50%	#Max	22.17	21.49	21.49	21.15	21.47	--
		100%	--	21.49	21.58	21.59	21.18	21.54	--
	16QAM	1	#0	22.28	22.15	22.22	21.93	22.29	--
		1	#Mid	22.22	22.05	22.05	21.87	22.11	--
		1	#Max	22.23	22.03	22.02	21.90	22.02	--
		50%	#0	21.16	20.88	20.95	20.63	20.98	--
		50%	#Mid	21.15	20.87	20.90	20.46	20.99	--
		50%	#Max	21.14	20.85	20.79	20.46	20.72	--
		100%	--	20.95	20.84	20.93	20.38	20.77	--
	64QAM	1	#0	21.24	20.69	20.83	20.59	21.12	--
		1	#Mid	21.22	20.65	20.76	20.56	21.09	--
		1	#Max	21.04	20.67	20.75	20.57	21.05	--
		50%	#0	20.49	19.87	19.85	19.54	19.89	--
		50%	#Mid	20.48	19.84	19.75	19.51	19.78	--
		50%	#Max	20.40	19.83	19.76	19.48	19.66	--
		100%	--	19.92	19.89	19.92	19.49	19.77	--
	256QPSK	1	#0	17.88	17.91	17.94	17.84	18.04	--
		1	#Mid	17.87	17.86	17.84	17.72	17.98	--
		1	#Max	17.84	17.74	17.74	17.61	17.97	--
		50%	#0	17.82	17.83	17.79	17.72	17.94	--
		50%	#Mid	17.81	17.71	17.77	17.63	17.87	--
		50%	#Max	17.78	17.69	17.72	17.52	17.88	--
		100%	--	17.72	17.78	17.72	17.64	17.86	--
Mid	QPSK	1	#0	22.41	22.62	22.71	22.56	23.04	--
		1	#Mid	22.33	22.59	22.68	22.53	22.86	--
		1	#Max	22.36	22.51	22.67	22.38	22.77	--
		50%	#0	22.34	21.84	21.86	21.52	21.93	--
		50%	#Mid	22.25	21.76	21.85	21.50	21.89	--
		50%	#Max	22.26	21.72	21.78	21.47	21.68	--
		100%	--	21.64	21.79	21.85	21.47	21.72	--
	16QAM	1	#0	22.00	22.10	22.04	21.79	21.80	--
		1	#Mid	21.87	21.83	22.03	21.40	21.78	--
		1	#Max	21.98	21.75	22.01	21.53	21.76	--
		50%	#0	21.45	20.76	20.68	20.27	20.66	--
		50%	#Mid	21.43	20.71	20.63	20.09	20.62	--
		50%	#Max	21.39	20.67	20.50	20.23	20.38	--
		100%	--	20.65	20.64	20.70	20.08	20.70	--

	64QAM	1	#0	21.09	20.84	20.74	20.28	20.97	--
		1	#Mid	20.70	20.74	20.69	20.27	20.83	--
		1	#Max	20.83	20.73	20.59	20.25	20.64	--
		50%	#0	20.31	19.69	19.76	19.30	19.72	--
		50%	#Mid	20.29	19.66	19.67	19.16	19.64	--
		50%	#Max	20.27	19.57	19.56	19.08	19.50	--
		100%	--	19.64	19.66	19.58	19.24	19.63	--
	256QPSK	1	#0	17.65	17.62	17.82	17.53	18.05	--
		1	#Mid	17.64	17.55	17.72	17.43	17.71	--
		1	#Max	17.47	17.42	17.67	17.42	17.73	--
		50%	#0	17.59	17.44	17.74	17.34	17.79	--
		50%	#Mid	17.53	17.35	17.64	17.22	17.74	--
		50%	#Max	17.47	17.34	17.61	17.17	17.73	--
		100%	--	17.42	17.36	17.71	17.27	17.81	--
High	QPSK	1	#0	22.17	22.19	22.10	22.17	22.50	--
		1	#Mid	22.16	22.16	22.05	22.08	22.21	--
		1	#Max	22.14	22.13	22.07	22.08	22.06	--
		50%	#0	22.16	21.23	21.28	21.06	21.44	--
		50%	#Mid	22.14	21.13	21.26	21.04	21.39	--
		50%	#Max	22.13	21.15	21.21	21.04	21.21	--
		100%	--	21.16	21.15	21.28	20.81	21.35	--
	16QAM	1	#0	21.47	21.52	21.66	21.18	21.98	--
		1	#Mid	21.42	21.32	21.37	21.09	21.63	--
		1	#Max	21.41	21.21	21.30	20.94	21.37	--
		50%	#0	21.23	20.33	20.31	19.89	20.52	--
		50%	#Mid	21.21	20.26	20.30	19.81	20.41	--
		50%	#Max	21.22	20.23	20.22	19.74	20.24	--
		100%	--	20.36	20.27	20.32	19.73	20.40	--
	64QAM	1	#0	20.49	20.28	20.31	20.05	20.79	--
		1	#Mid	20.46	20.18	20.19	20.03	20.78	--
		1	#Max	20.32	20.11	20.09	20.01	20.57	--
		50%	#0	20.23	19.40	19.31	18.97	19.86	--
		50%	#Mid	20.14	19.36	19.27	18.83	19.74	--
		50%	#Max	20.17	19.31	19.13	18.70	19.64	--
		100%	--	19.27	19.17	19.28	18.88	19.41	--
	256QPSK	1	#0	16.97	17.04	17.07	17.13	18.04	--
		1	#Mid	16.93	17.03	17.06	16.95	17.13	--
		1	#Max	16.86	16.76	16.69	16.81	16.97	--
		50%	#0	16.82	16.87	16.96	16.88	17.02	--
		50%	#Mid	16.84	16.82	16.89	16.86	16.92	--
		50%	#Max	16.87	16.74	16.75	16.69	16.93	--
		100%	--	16.82	16.81	16.82	16.91	16.93	--

Channel	Modulation	LTE Band 41-Ant 0							
		RB	RB	Maximum Conducted Output Power					
		No.	Offset	1.4M	3M	5M	10M	15M	20M
Low	QPSK	1	#0	--	--	23.76	23.82	23.64	23.92
		1	#Mid	--	--	23.63	23.76	23.51	23.82
		1	#Max	--	--	23.51	23.68	23.41	23.69
		50%	#0	--	--	23.67	23.74	23.55	23.80
		50%	#Mid	--	--	23.53	23.66	23.56	23.69
		50%	#Max	--	--	23.44	23.52	23.46	23.55
		100%	--	--	--	23.59	23.60	23.49	23.69
	16QAM	1	#0	--	--	23.65	23.72	23.52	23.89
		1	#Mid	--	--	23.55	23.69	23.41	23.79
		1	#Max	--	--	23.45	23.53	23.31	23.68
		50%	#0	--	--	22.79	22.80	22.69	22.97
		50%	#Mid	--	--	22.63	22.70	22.54	22.85
		50%	#Max	--	--	22.54	22.66	22.47	22.79
		100%	--	--	--	22.63	22.79	22.57	22.85
	64QAM	1	#0	--	--	22.50	22.69	22.44	22.72
		1	#Mid	--	--	22.45	22.50	22.39	22.64
		1	#Max	--	--	22.37	22.43	22.29	22.50
		50%	#0	--	--	21.72	21.86	21.69	21.98
		50%	#Mid	--	--	21.63	21.79	21.58	21.86
		50%	#Max	--	--	21.51	21.60	21.49	21.76
		100%	--	--	--	21.67	21.71	21.50	21.82
	256QPSK	1	#0	--	--	19.75	19.65	19.55	19.85
		1	#Mid	--	--	19.67	19.57	19.47	19.77
		1	#Max	--	--	19.58	19.48	19.38	19.67
		50%	#0	--	--	19.63	19.53	19.43	19.73
		50%	#Mid	--	--	19.53	19.43	19.33	19.65
		50%	#Max	--	--	19.48	19.38	19.28	19.55
		100%	--	--	--	19.59	19.49	19.39	19.69
Mid	QPSK	1	#0	--	--	23.78	23.88	23.69	23.95
		1	#Mid	--	--	23.62	23.75	23.57	23.83
		1	#Max	--	--	23.53	23.69	23.42	23.70
		50%	#0	--	--	23.69	23.79	23.51	23.88
		50%	#Mid	--	--	23.50	23.68	23.58	23.76
		50%	#Max	--	--	23.49	23.53	23.48	23.64
		100%	--	--	--	23.53	23.61	23.42	23.70
	16QAM	1	#0	--	--	23.66	23.74	23.50	23.89
		1	#Mid	--	--	23.53	23.61	23.47	23.72
		1	#Max	--	--	23.49	23.59	23.36	23.66
		50%	#0	--	--	22.76	22.83	22.64	22.93
		50%	#Mid	--	--	22.67	22.73	22.58	22.80
		50%	#Max	--	--	22.53	22.66	22.44	22.77
		100%	--	--	--	22.63	22.79	22.50	22.87

	64QAM	1	#0	--	--	22.56	22.68	22.49	22.76
		1	#Mid	--	--	22.41	22.59	22.38	22.69
		1	#Max	--	--	22.34	22.48	22.20	22.55
		50%	#0	--	--	21.79	21.87	21.67	21.96
		50%	#Mid	--	--	21.60	21.78	21.50	21.82
		50%	#Max	--	--	21.51	21.65	21.47	21.70
		100%	--	--	--	21.65	21.74	21.59	21.85
	256QPSK	1	#0	--	--	19.77	19.64	19.51	19.89
		1	#Mid	--	--	19.65	19.55	19.45	19.73
		1	#Max	--	--	19.54	19.44	19.34	19.63
		50%	#0	--	--	19.62	19.52	19.42	19.72
		50%	#Mid	--	--	19.57	19.47	19.37	19.64
		50%	#Max	--	--	19.42	19.32	19.22	19.54
		100%	--	--	--	19.54	19.44	19.34	19.64
High	QPSK	1	#0	--	--	23.77	23.87	23.64	23.94
		1	#Mid	--	--	23.61	23.71	23.50	23.74
		1	#Max	--	--	23.55	23.64	23.49	23.67
		50%	#0	--	--	23.67	23.78	23.52	23.87
		50%	#Mid	--	--	23.53	23.66	23.51	23.69
		50%	#Max	--	--	23.44	23.54	23.41	23.55
		100%	--	--	--	23.59	23.62	23.40	23.67
	16QAM	1	#0	--	--	23.60	23.70	23.52	23.80
		1	#Mid	--	--	23.54	23.65	23.41	23.77
		1	#Max	--	--	23.41	23.57	23.37	23.62
		50%	#0	--	--	22.70	22.83	22.64	22.96
		50%	#Mid	--	--	22.69	22.77	22.58	22.89
		50%	#Max	--	--	22.59	22.66	22.44	22.74
		100%	--	--	--	22.60	22.77	22.53	22.87
	64QAM	1	#0	--	--	22.53	22.68	22.40	22.77
		1	#Mid	--	--	22.47	22.50	22.32	22.68
		1	#Max	--	--	22.30	22.48	22.25	22.58
		50%	#0	--	--	21.75	21.87	21.69	21.92
		50%	#Mid	--	--	21.67	21.76	21.51	21.81
		50%	#Max	--	--	21.54	21.63	21.43	21.74
		100%	--	--	--	21.65	21.73	21.58	21.87
	256QPSK	1	#0	--	--	19.78	19.68	19.58	19.88
		1	#Mid	--	--	19.69	19.59	19.49	19.76
		1	#Max	--	--	19.53	19.43	19.33	19.66
		50%	#0	--	--	19.61	19.51	19.41	19.71
		50%	#Mid	--	--	19.57	19.47	19.37	19.64
		50%	#Max	--	--	19.42	19.32	19.21	19.53
		100%	--	--	--	19.59	19.49	19.39	19.69

Channel	Modulation	LTE Band 41-HPUE_Ant 0							
		RB	RB	Maximum Conducted Output Power					
		No.	Offset	1.4M	3M	5M	10M	15M	20M
Low	QPSK	1	#0	--	--	23.65	23.84	23.50	23.90
		1	#Mid	--	--	23.52	23.78	23.37	23.65
		1	#Max	--	--	23.40	23.33	23.27	23.54
		50%	#0	--	--	23.56	23.76	23.41	23.77
		50%	#Mid	--	--	23.42	23.60	23.42	23.59
		50%	#Max	--	--	23.33	23.49	23.32	23.35
		100%	--	--	--	23.48	23.52	23.35	23.56
	16QAM	1	#0	--	--	23.78	23.50	23.40	23.73
		1	#Mid	--	--	23.68	23.47	23.29	23.63
		1	#Max	--	--	23.58	23.31	23.19	23.52
		50%	#0	--	--	22.92	22.58	22.57	22.81
		50%	#Mid	--	--	22.76	22.48	22.42	22.69
		50%	#Max	--	--	22.67	22.44	22.35	22.63
		100%	--	--	--	22.76	22.57	22.45	22.69
	64QAM	1	#0	--	--	22.63	22.47	22.32	22.56
		1	#Mid	--	--	22.58	22.28	22.27	22.48
		1	#Max	--	--	22.50	22.21	22.17	22.34
		50%	#0	--	--	21.85	21.64	21.57	21.82
		50%	#Mid	--	--	21.76	21.57	21.46	21.70
		50%	#Max	--	--	21.64	21.38	21.37	21.60
		100%	--	--	--	21.80	21.49	21.38	21.66
	256QPSK	1	#0	--	--	19.79	19.57	19.55	19.80
		1	#Mid	--	--	19.61	19.67	19.45	19.75
		1	#Max	--	--	19.64	19.39	19.34	19.59
		50%	#0	--	--	19.53	19.60	19.44	19.74
		50%	#Mid	--	--	19.48	19.35	19.35	19.60
		50%	#Max	--	--	19.40	19.45	19.22	19.58
		100%	--	--	--	19.56	19.43	19.44	19.64
Mid	QPSK	1	#0	--	--	23.90	23.85	23.55	23.93
		1	#Mid	--	--	23.74	23.80	23.43	23.80
		1	#Max	--	--	23.35	23.39	23.28	23.42
		50%	#0	--	--	23.71	23.78	23.37	23.91
		50%	#Mid	--	--	23.60	23.51	23.44	23.64
		50%	#Max	--	--	23.41	23.49	23.34	23.54
		100%	--	--	--	23.55	23.45	23.28	23.53
	16QAM	1	#0	--	--	23.52	23.62	23.38	23.76
		1	#Mid	--	--	23.39	23.49	23.35	23.59
		1	#Max	--	--	23.35	23.47	23.24	23.53
		50%	#0	--	--	22.62	22.71	22.52	22.80
		50%	#Mid	--	--	22.53	22.61	22.46	22.67
		50%	#Max	--	--	22.39	22.54	22.32	22.64
		100%	--	--	--	22.49	22.67	22.38	22.74

	64QAM	1	#0	--	--	22.42	22.56	22.37	22.63
		1	#Mid	--	--	22.27	22.47	22.26	22.56
		1	#Max	--	--	22.20	22.36	22.08	22.42
		50%	#0	--	--	21.65	21.75	21.55	21.83
		50%	#Mid	--	--	21.46	21.66	21.38	21.69
		50%	#Max	--	--	21.37	21.53	21.35	21.57
		100%	--	--	--	21.51	21.62	21.47	21.72
	256QPSK	1	#0	--	--	19.68	19.64	19.60	19.91
		1	#Mid	--	--	19.58	19.45	19.42	19.63
		1	#Max	--	--	19.60	19.52	19.25	19.60
		50%	#0	--	--	19.57	19.61	19.39	19.62
		50%	#Mid	--	--	19.65	19.52	19.29	19.57
		50%	#Max	--	--	19.37	19.27	19.28	19.44
		100%	--	--	--	19.62	19.54	19.43	19.59
High	QPSK	1	#0	--	--	23.65	23.74	23.50	23.92
		1	#Mid	--	--	23.49	23.58	23.36	23.82
		1	#Max	--	--	23.43	23.34	23.35	23.77
		50%	#0	--	--	23.55	23.65	23.38	23.83
		50%	#Mid	--	--	23.41	23.53	23.37	23.79
		50%	#Max	--	--	23.32	23.41	23.27	23.64
		100%	--	--	--	23.47	23.49	23.26	23.74
	16QAM	1	#0	--	--	23.72	23.83	23.40	23.91
		1	#Mid	--	--	23.66	23.78	23.29	23.88
		1	#Max	--	--	23.53	23.70	23.25	23.73
		50%	#0	--	--	22.82	22.96	22.52	23.07
		50%	#Mid	--	--	22.81	22.90	22.46	23.00
		50%	#Max	--	--	22.71	22.79	22.32	22.85
		100%	--	--	--	22.72	22.90	22.41	22.98
	64QAM	1	#0	--	--	22.65	22.81	22.28	22.88
		1	#Mid	--	--	22.59	22.63	22.20	22.79
		1	#Max	--	--	22.42	22.61	22.13	22.69
		50%	#0	--	--	21.87	22.00	21.57	22.03
		50%	#Mid	--	--	21.79	21.89	21.39	21.92
		50%	#Max	--	--	21.66	21.76	21.31	21.85
		100%	--	--	--	21.77	21.86	21.46	21.98
	256QPSK	1	#0	--	--	19.69	19.65	19.58	19.88
		1	#Mid	--	--	19.64	19.62	19.44	19.79
		1	#Max	--	--	19.49	19.33	19.34	19.59
		50%	#0	--	--	19.64	19.48	19.45	19.74
		50%	#Mid	--	--	19.53	19.45	19.35	19.70
		50%	#Max	--	--	19.49	19.35	19.16	19.59
		100%	--	--	--	19.56	19.58	19.37	19.64

Channel	Modulation	LTE Band 42-Ant 3							
		RB	RB	Maximum Conducted Output Power					
		No.	Offset	1.4M	3M	5M	10M	15M	20M
Low	QPSK	1	#0	--	--	17.33	17.25	17.17	17.41
		1	#Mid	--	--	17.27	17.10	17.01	17.31
		1	#Max	--	--	17.15	17.02	16.96	17.20
		50%	#0	--	--	17.31	17.28	17.16	17.31
		50%	#Mid	--	--	17.16	17.05	16.98	17.24
		50%	#Max	--	--	17.09	16.96	16.83	17.12
		100%	--	--	--	17.19	17.02	16.90	17.24
	16QAM	1	#0	--	--	17.22	17.11	17.09	17.31
		1	#Mid	--	--	17.13	17.00	16.93	17.22
		1	#Max	--	--	17.04	16.95	16.81	17.15
		50%	#0	--	--	17.17	17.09	16.92	17.22
		50%	#Mid	--	--	17.01	16.94	16.82	17.15
		50%	#Max	--	--	17.00	16.80	16.70	17.08
		100%	--	--	--	17.01	16.94	16.84	17.17
	64QAM	1	#0	--	--	17.11	17.04	16.93	17.23
		1	#Mid	--	--	17.08	16.93	16.88	17.17
		1	#Max	--	--	17.02	16.84	16.86	17.01
		50%	#0	--	--	17.01	16.92	16.83	17.15
		50%	#Mid	--	--	16.93	16.85	16.71	17.08
		50%	#Max	--	--	16.84	16.78	16.65	16.97
		100%	--	--	--	16.51	16.43	16.33	16.64
	256QPSK	1	#0	--	--	16.76	16.83	16.67	16.95
		1	#Mid	--	--	16.66	16.73	16.57	16.85
		1	#Max	--	--	16.56	16.63	16.47	16.75
		50%	#0	--	--	16.54	16.62	16.45	16.71
		50%	#Mid	--	--	16.44	16.51	16.35	16.61
		50%	#Max	--	--	16.34	16.41	16.25	16.51
		100%	--	--	--	16.47	16.53	16.39	16.64
Mid	QPSK	1	#0	--	--	17.36	17.24	17.12	17.49
		1	#Mid	--	--	17.22	17.15	17.03	17.36
		1	#Max	--	--	17.12	17.02	16.91	17.26
		50%	#0	--	--	17.31	17.29	17.13	17.31
		50%	#Mid	--	--	17.18	17.05	16.98	17.27
		50%	#Max	--	--	17.06	16.94	16.85	17.12
		100%	--	--	--	17.08	17.03	16.95	17.25
	16QAM	1	#0	--	--	17.20	17.11	17.00	17.33
		1	#Mid	--	--	17.12	17.03	16.97	17.23
		1	#Max	--	--	17.07	16.95	16.89	17.15
		50%	#0	--	--	17.11	17.08	16.90	17.20
		50%	#Mid	--	--	17.07	16.91	16.88	17.16
		50%	#Max	--	--	17.02	16.98	16.74	17.06
		100%	--	--	--	17.02	16.94	16.83	17.17

	64QAM	1	#0	--	--	17.10	17.05	16.92	17.21
		1	#Mid	--	--	17.02	16.90	16.89	17.14
		1	#Max	--	--	17.01	16.90	16.89	17.09
		50%	#0	--	--	17.06	16.89	16.81	17.10
		50%	#Mid	--	--	16.94	16.80	16.76	17.04
		50%	#Max	--	--	16.80	16.77	16.63	16.91
		100%	--	--	--	16.56	16.48	16.37	16.61
	256QPSK	1	#0	--	--	16.79	16.85	16.64	16.96
		1	#Mid	--	--	16.69	16.75	16.54	16.86
		1	#Max	--	--	16.59	16.65	16.44	16.76
		50%	#0	--	--	16.55	16.65	16.42	16.79
		50%	#Mid	--	--	16.45	16.55	16.32	16.69
		50%	#Max	--	--	16.35	16.45	16.22	16.59
		100%	--	--	--	16.45	15.56	16.38	16.67
High	QPSK	1	#0	--	--	17.35	17.20	17.17	17.47
		1	#Mid	--	--	17.23	17.17	17.06	17.30
		1	#Max	--	--	17.15	17.08	16.91	17.24
		50%	#0	--	--	17.25	17.20	17.10	17.30
		50%	#Mid	--	--	17.19	17.06	16.95	17.23
		50%	#Max	--	--	17.05	16.92	16.85	17.11
		100%	--	--	--	17.08	17.06	16.98	17.24
	16QAM	1	#0	--	--	17.26	17.10	17.00	17.32
		1	#Mid	--	--	17.11	17.08	16.94	17.29
		1	#Max	--	--	17.08	16.96	16.82	17.10
		50%	#0	--	--	17.19	17.06	16.90	17.21
		50%	#Mid	--	--	17.09	16.96	16.86	17.15
		50%	#Max	--	--	17.08	16.91	16.77	17.01
		100%	--	--	--	17.08	16.94	16.80	17.11
	64QAM	1	#0	--	--	17.11	17.04	16.97	17.23
		1	#Mid	--	--	17.02	16.92	16.89	17.17
		1	#Max	--	--	17.00	16.98	16.84	17.04
		50%	#0	--	--	17.03	16.84	16.85	17.16
		50%	#Mid	--	--	16.91	16.89	16.76	17.02
		50%	#Max	--	--	16.85	16.76	16.62	16.93
		100%	--	--	--	16.55	16.46	16.32	16.67
	256QPSK	1	#0	--	--	16.71	16.84	16.66	16.94
		1	#Mid	--	--	16.61	16.74	16.56	16.84
		1	#Max	--	--	16.51	16.64	16.46	16.74
		50%	#0	--	--	16.50	16.63	16.43	16.72
		50%	#Mid	--	--	16.40	16.53	16.33	16.62
		50%	#Max	--	--	16.30	16.43	16.23	16.52
		100%	--	--	--	16.43	15.51	16.34	16.65

Channel	Modulation	LTE Band 42-HPUE_Ant 3							
		RB	RB	Maximum Conducted Output Power					
		No.	Offset	1.4M	3M	5M	10M	15M	20M
Low	QPSK	1	#0	--	--	17.19	17.14	17.03	17.42
		1	#Mid	--	--	17.13	16.99	16.87	17.31
		1	#Max	--	--	17.01	16.91	16.82	17.36
		50%	#0	--	--	17.17	17.17	17.02	17.16
		50%	#Mid	--	--	17.02	16.94	16.84	17.33
		50%	#Max	--	--	16.95	16.85	16.69	17.25
		100%	--	--	--	17.05	16.91	16.76	17.22
	16QAM	1	#0	--	--	17.33	17.24	16.98	17.20
		1	#Mid	--	--	17.24	17.13	16.82	17.11
		1	#Max	--	--	17.15	17.08	16.70	17.04
		50%	#0	--	--	17.28	17.22	16.81	17.11
		50%	#Mid	--	--	17.12	17.07	16.71	17.04
		50%	#Max	--	--	17.11	16.93	16.59	16.97
		100%	--	--	--	17.12	17.07	16.73	17.06
	64QAM	1	#0	--	--	17.22	17.17	16.82	17.12
		1	#Mid	--	--	17.19	17.06	16.77	17.06
		1	#Max	--	--	17.13	16.97	16.75	16.90
		50%	#0	--	--	17.12	17.05	16.72	17.04
		50%	#Mid	--	--	17.04	16.98	16.60	16.97
		50%	#Max	--	--	16.95	16.91	16.54	16.86
		100%	--	--	--	16.62	16.56	16.22	16.53
	256QPSK	1	#0	--	--	16.79	16.77	16.60	16.80
		1	#Mid	--	--	16.62	16.65	16.61	16.94
		1	#Max	--	--	16.55	16.57	16.51	16.74
		50%	#0	--	--	16.54	16.58	16.53	16.68
		50%	#Mid	--	--	16.38	16.49	16.34	16.69
		50%	#Max	--	--	16.40	16.36	16.33	16.48
		100%	--	--	--	16.55	16.51	16.30	16.55
Mid	QPSK	1	#0	--	--	17.25	17.10	17.22	17.50
		1	#Mid	--	--	17.11	17.01	17.13	17.31
		1	#Max	--	--	17.01	16.88	17.01	17.40
		50%	#0	--	--	17.20	17.15	17.23	17.29
		50%	#Mid	--	--	17.07	16.91	17.08	17.41
		50%	#Max	--	--	16.95	16.80	16.95	17.28
		100%	--	--	--	16.97	16.89	17.05	17.42
	16QAM	1	#0	--	--	17.09	17.22	16.88	17.39
		1	#Mid	--	--	17.01	17.14	16.85	17.29
		1	#Max	--	--	16.96	17.06	16.77	17.21
		50%	#0	--	--	17.00	17.19	16.78	17.26
		50%	#Mid	--	--	16.96	17.02	16.76	17.22
		50%	#Max	--	--	16.91	17.09	16.62	17.12
		100%	--	--	--	16.91	17.05	16.71	17.23

	64QAM	1	#0	--	--	16.99	17.16	16.80	17.27
		1	#Mid	--	--	16.91	17.01	16.77	17.20
		1	#Max	--	--	16.90	17.01	16.77	17.15
		50%	#0	--	--	16.95	17.00	16.69	17.16
		50%	#Mid	--	--	16.83	16.91	16.64	17.10
		50%	#Max	--	--	16.69	16.88	16.51	16.97
		100%	--	--	--	16.45	16.59	16.25	16.67
	256QPSK	1	#0	--	--	16.89	16.81	16.74	16.86
		1	#Mid	--	--	16.65	16.85	16.62	16.96
		1	#Max	--	--	16.68	16.75	16.34	16.79
		50%	#0	--	--	16.63	16.59	16.39	16.88
		50%	#Mid	--	--	16.50	16.50	16.40	16.68
		50%	#Max	--	--	16.31	16.50	16.24	16.58
		100%	--	--	--	16.52	15.53	16.34	16.65
High	QPSK	1	#0	--	--	17.24	17.08	17.04	17.49
		1	#Mid	--	--	17.12	17.05	16.93	17.18
		1	#Max	--	--	17.04	16.96	16.78	17.12
		50%	#0	--	--	17.14	17.08	16.97	17.33
		50%	#Mid	--	--	17.08	16.94	16.82	17.12
		50%	#Max	--	--	16.94	16.80	16.72	16.95
		100%	--	--	--	16.97	16.94	16.85	17.13
	16QAM	1	#0	--	--	17.38	17.21	16.89	17.18
		1	#Mid	--	--	17.23	17.19	16.83	17.15
		1	#Max	--	--	17.20	17.07	16.71	16.96
		50%	#0	--	--	17.31	17.17	16.79	17.07
		50%	#Mid	--	--	17.21	17.07	16.75	17.01
		50%	#Max	--	--	17.20	17.02	16.66	16.87
		100%	--	--	--	17.20	17.05	16.69	16.97
	64QAM	1	#0	--	--	17.23	17.15	16.86	17.09
		1	#Mid	--	--	17.14	17.03	16.78	17.03
		1	#Max	--	--	17.12	17.09	16.73	16.90
		50%	#0	--	--	17.15	16.95	16.74	17.02
		50%	#Mid	--	--	17.03	17.00	16.65	16.88
		50%	#Max	--	--	16.97	16.87	16.51	16.79
		100%	--	--	--	16.67	16.57	16.21	16.53
	256QPSK	1	#0	--	--	16.63	16.87	16.57	16.91
		1	#Mid	--	--	16.59	16.82	16.53	16.79
		1	#Max	--	--	16.42	16.59	16.43	16.80
		50%	#0	--	--	16.47	16.60	16.42	16.63
		50%	#Mid	--	--	16.50	16.53	16.41	16.63
		50%	#Max	--	--	16.34	16.48	16.28	16.62
		100%	--	--	--	16.33	15.50	16.27	16.73

Channel	Modulation	LTE Band 48-Ant 3							
		RB	RB	Maximum Conducted Output Power					
		No.	Offset	1.4M	3M	5M	10M	15M	20M
Low	QPSK	1	#0	--	--	16.08	16.12	16.26	16.38
		1	#Mid	--	--	15.98	16.04	16.16	16.21
		1	#Max	--	--	15.81	15.99	16.04	16.17
		50%	#0	--	--	15.96	16.05	16.14	16.20
		50%	#Mid	--	--	15.84	15.91	16.09	16.16
		50%	#Max	--	--	15.76	15.86	15.96	16.00
		100%	--	--	--	15.84	15.98	16.05	16.17
	16QAM	1	#0	--	--	15.93	16.05	16.19	16.21
		1	#Mid	--	--	15.83	15.99	16.08	16.11
		1	#Max	--	--	15.72	15.86	15.94	16.00
		50%	#0	--	--	15.85	15.99	16.05	16.10
		50%	#Mid	--	--	15.70	15.86	15.91	16.01
		50%	#Max	--	--	15.61	15.71	15.85	15.96
		100%	--	--	--	15.57	15.80	15.98	16.00
	64QAM	1	#0	--	--	15.80	15.97	16.09	16.15
		1	#Mid	--	--	15.78	15.87	15.96	16.01
		1	#Max	--	--	15.63	15.77	15.85	15.96
		50%	#0	--	--	15.75	15.80	15.95	16.08
		50%	#Mid	--	--	15.65	15.73	15.85	15.99
		50%	#Max	--	--	15.55	15.67	15.73	15.84
		100%	--	--	--	15.69	15.71	15.85	15.93
	256QPSK	1	#0	--	--	15.56	15.66	15.78	15.83
		1	#Mid	--	--	15.41	15.54	15.67	15.76
		1	#Max	--	--	15.53	15.56	15.50	15.63
		50%	#0	--	--	15.69	15.62	15.67	15.77
		50%	#Mid	--	--	15.62	15.59	15.62	15.64
		50%	#Max	--	--	15.51	15.54	15.55	15.57
		100%	--	--	--	15.51	15.52	15.59	15.64
Mid	QPSK	1	#0	--	--	16.05	16.19	16.25	16.43
		1	#Mid	--	--	15.98	16.08	16.13	16.36
		1	#Max	--	--	15.70	15.94	16.04	16.20
		50%	#0	--	--	15.99	16.03	16.16	16.31
		50%	#Mid	--	--	15.87	15.95	16.01	16.22
		50%	#Max	--	--	15.77	15.87	15.98	16.14
		100%	--	--	--	15.60	15.98	16.08	16.23
	16QAM	1	#0	--	--	15.91	16.03	16.10	16.36
		1	#Mid	--	--	15.84	15.94	16.00	16.25
		1	#Max	--	--	15.74	15.83	15.94	16.19
		50%	#0	--	--	15.80	15.95	16.00	16.22
		50%	#Mid	--	--	15.71	15.81	15.90	16.11
		50%	#Max	--	--	15.66	15.72	15.88	16.05
		100%	--	--	--	15.78	15.85	16.00	16.18

	64QAM	1	#0	--	--	15.82	15.96	16.01	16.25
		1	#Mid	--	--	15.79	15.89	15.98	16.17
		1	#Max	--	--	15.65	15.71	15.83	16.01
		50%	#0	--	--	15.72	15.81	15.94	16.12
		50%	#Mid	--	--	15.68	15.74	15.81	16.01
		50%	#Max	--	--	15.54	15.69	15.70	15.93
		100%	--	--	--	15.67	15.75	15.81	16.01
	256QPSK	1	#0	--	--	15.83	15.84	15.74	15.85
		1	#Mid	--	--	15.71	15.67	15.74	15.76
		1	#Max	--	--	15.53	15.55	15.54	15.64
		50%	#0	--	--	15.63	15.62	15.68	15.75
		50%	#Mid	--	--	15.55	15.59	15.62	15.67
		50%	#Max	--	--	15.44	15.49	15.42	15.52
		100%	--	--	--	15.52	15.59	15.56	15.65
High	QPSK	1	#0	--	--	16.04	16.14	16.21	16.35
		1	#Mid	--	--	15.93	16.01	16.10	16.26
		1	#Max	--	--	15.89	15.92	16.09	16.16
		50%	#0	--	--	15.90	16.07	16.18	16.29
		50%	#Mid	--	--	15.85	15.93	16.03	16.14
		50%	#Max	--	--	15.75	15.82	15.94	16.02
		100%	--	--	--	15.84	15.96	16.03	16.14
	16QAM	1	#0	--	--	15.99	16.05	16.18	16.26
		1	#Mid	--	--	15.86	15.90	16.07	16.18
		1	#Max	--	--	15.73	15.87	15.98	16.01
		50%	#0	--	--	15.89	15.90	16.08	16.18
		50%	#Mid	--	--	15.72	15.86	15.97	16.07
		50%	#Max	--	--	15.69	15.78	15.88	15.94
		100%	--	--	--	15.74	15.88	15.95	16.04
	64QAM	1	#0	--	--	15.86	15.98	16.09	16.14
		1	#Mid	--	--	15.74	15.81	15.96	16.02
		1	#Max	--	--	15.66	15.72	15.88	15.99
		50%	#0	--	--	15.79	15.87	15.91	16.04
		50%	#Mid	--	--	15.64	15.77	15.80	15.98
		50%	#Max	--	--	15.54	15.65	15.78	15.89
		100%	--	--	--	15.69	15.77	15.82	15.94
	256QPSK	1	#0	--	--	15.74	15.76	15.76	15.81
		1	#Mid	--	--	15.75	15.74	15.74	15.78
		1	#Max	--	--	15.61	15.62	15.55	15.63
		50%	#0	--	--	15.71	15.66	15.74	15.77
		50%	#Mid	--	--	15.55	15.52	15.59	15.63
		50%	#Max	--	--	15.43	15.43	15.43	15.54
		100%	--	--	--	15.63	15.61	15.62	15.77

Channel	Modulation	LTE Band 66							
		RB	RB	Maximum Conducted Output Power					
		No.	Offset	1.4M	3M	5M	10M	15M	20M
Low	QPSK	1	#0	15.96	16.00	16.18	16.24	16.39	16.44
		1	#Mid	15.86	15.99	16.03	16.14	16.29	16.39
		1	#Max	15.73	15.83	15.92	16.05	16.11	16.20
		50%	#0	15.82	15.93	16.03	16.13	16.21	16.34
		50%	#Mid	15.73	15.84	15.94	16.02	16.14	16.27
		50%	#Max	15.66	15.73	15.80	15.91	16.02	16.10
		100%	--	15.80	15.89	15.94	16.09	16.18	16.20
	16QAM	1	#0	15.80	15.98	16.06	16.16	16.26	16.33
		1	#Mid	15.71	15.82	15.99	16.04	16.18	16.22
		1	#Max	15.69	15.72	15.84	15.98	16.04	16.19
		50%	#0	15.76	15.84	15.92	16.07	16.11	16.22
		50%	#Mid	15.61	15.78	15.82	15.95	16.07	16.17
		50%	#Max	15.50	15.60	15.77	15.85	15.98	16.01
		100%	--	15.61	15.79	15.83	15.94	16.02	16.16
	64QAM	1	#0	15.79	15.86	15.98	16.07	16.16	16.28
		1	#Mid	15.65	15.73	15.80	15.98	16.08	16.17
		1	#Max	15.50	15.68	15.77	15.87	15.90	16.06
		50%	#0	15.63	15.79	15.84	15.97	16.09	16.11
		50%	#Mid	15.57	15.65	15.70	15.85	15.99	16.07
		50%	#Max	15.40	15.52	15.61	15.77	15.81	15.91
		100%	--	15.54	15.68	15.71	15.84	15.96	16.08
	256QPSK	1	#0	16.27	16.31	16.18	16.25	16.08	16.42
		1	#Mid	16.17	16.21	16.08	16.15	15.98	16.32
		1	#Max	16.07	16.11	15.98	16.05	15.88	16.22
		50%	#0	15.75	15.82	15.67	15.56	15.45	15.91
		50%	#Mid	15.65	15.72	15.57	15.46	15.35	15.81
		50%	#Max	15.55	15.62	15.47	15.36	15.25	15.71
		100%	--	15.62	15.73	15.55	15.43	15.37	15.86
Mid	QPSK	1	#0	15.97	16.08	16.15	16.27	16.38	16.47
		1	#Mid	15.83	15.91	16.07	16.12	16.24	16.30
		1	#Max	15.73	15.83	15.91	16.09	16.15	16.26
		50%	#0	15.81	15.91	15.93	16.12	16.23	16.38
		50%	#Mid	15.73	15.83	15.82	16.01	16.18	16.21
		50%	#Max	15.64	15.72	15.75	15.90	16.07	16.10
		100%	--	15.81	15.86	15.85	16.08	16.15	16.23
	16QAM	1	#0	15.84	15.93	16.05	16.18	16.21	16.35
		1	#Mid	15.79	15.89	15.95	16.09	16.12	16.29
		1	#Max	15.56	15.78	15.87	15.97	16.02	16.19
		50%	#0	15.75	15.87	15.94	16.05	16.19	16.24
		50%	#Mid	15.66	15.70	15.88	15.95	16.01	16.17
		50%	#Max	15.52	15.66	15.77	15.84	15.98	16.00
		100%	--	15.62	15.73	15.82	15.95	16.08	16.14

	64QAM	1	#0	15.77	15.80	15.93	16.03	16.10	16.20
		1	#Mid	15.66	15.71	15.83	15.92	16.06	16.11
		1	#Max	15.53	15.60	15.71	15.83	15.92	16.04
		50%	#0	15.68	15.71	15.85	15.95	16.07	16.18
		50%	#Mid	15.55	15.64	15.73	15.84	15.97	16.03
		50%	#Max	15.44	15.52	15.67	15.73	15.82	15.92
		100%	--	15.55	15.68	15.79	15.80	15.91	16.01
	256QPSK	1	#0	16.21	16.33	16.16	16.28	16.09	16.47
		1	#Mid	16.11	16.23	16.06	16.18	15.99	16.37
		1	#Max	16.01	16.13	15.96	16.08	15.89	16.27
		50%	#0	15.77	15.85	15.62	15.51	15.43	15.99
		50%	#Mid	15.67	15.75	15.52	15.41	15.33	15.89
		50%	#Max	15.57	15.65	15.42	15.31	15.23	15.79
		100%	--	15.64	15.75	15.57	15.42	15.35	15.83
High	QPSK	1	#0	15.90	16.05	16.13	16.20	16.37	16.44
		1	#Mid	15.81	15.94	16.02	16.18	16.25	16.33
		1	#Max	15.71	15.80	15.96	16.01	16.13	16.21
		50%	#0	15.83	15.96	15.95	16.14	16.20	16.32
		50%	#Mid	15.72	15.86	15.88	16.02	16.13	16.24
		50%	#Max	15.60	15.79	15.70	15.91	16.00	16.18
		100%	--	15.84	15.80	15.83	16.04	16.18	16.23
	16QAM	1	#0	15.83	15.94	16.00	16.12	16.28	16.36
		1	#Mid	15.71	15.82	15.96	16.06	16.17	16.23
		1	#Max	15.53	15.73	15.88	15.98	16.01	16.12
		50%	#0	15.74	15.83	15.90	16.06	16.15	16.25
		50%	#Mid	15.64	15.77	15.85	15.91	16.09	16.18
		50%	#Max	15.54	15.64	15.71	15.88	15.91	16.08
		100%	--	15.63	15.71	15.88	15.90	16.05	16.13
	64QAM	1	#0	15.70	15.81	15.96	16.00	16.18	16.28
		1	#Mid	15.65	15.75	15.80	15.91	16.06	16.14
		1	#Max	15.53	15.68	15.71	15.81	15.96	16.00
		50%	#0	15.69	15.74	15.85	15.92	16.09	16.16
		50%	#Mid	15.50	15.66	15.72	15.83	15.92	16.05
		50%	#Max	15.49	15.59	15.69	15.75	15.83	15.97
		100%	--	15.55	15.64	15.70	15.84	15.97	16.07
	256QPSK	1	#0	16.24	16.34	16.17	16.24	16.07	16.44
		1	#Mid	16.14	16.24	16.07	16.14	15.97	16.34
		1	#Max	16.04	16.14	15.97	16.04	15.87	16.24
		50%	#0	15.76	15.84	15.68	15.52	15.42	15.94
		50%	#Mid	15.66	15.74	15.58	15.42	15.32	15.84
		50%	#Max	15.56	15.64	15.48	15.32	15.22	15.74
		100%	--	15.63	15.71	15.53	15.45	15.32	15.89

Channel	Modulation	LTE Band 71							
		RB	RB	Maximum Conducted Output Power					
		No.	Offset	1.4M	3M	5M	10M	15M	20M
Low	QPSK	1	#0	--	--	22.50	22.65	22.72	22.80
		1	#Mid	--	--	22.48	22.55	22.68	22.78
		1	#Max	--	--	22.33	22.41	22.57	22.65
		50%	#0	--	--	21.50	21.69	21.74	21.75
		50%	#Mid	--	--	21.46	21.51	21.62	21.67
		50%	#Max	--	--	21.38	21.49	21.54	21.68
		100%	--	--	--	21.49	21.54	21.64	21.60
	16QAM	1	#0	--	--	21.52	21.62	21.79	21.86
		1	#Mid	--	--	21.41	21.57	21.64	21.74
		1	#Max	--	--	21.38	21.47	21.52	21.69
		50%	#0	--	--	20.51	20.69	20.76	20.80
		50%	#Mid	--	--	20.49	20.50	20.65	20.78
		50%	#Max	--	--	20.38	20.47	20.54	20.63
		100%	--	--	--	20.46	20.57	20.60	20.76
	64QAM	1	#0	--	--	20.51	20.61	20.70	20.86
		1	#Mid	--	--	20.43	20.58	20.65	20.71
		1	#Max	--	--	20.33	20.42	20.53	20.60
		50%	#0	--	--	19.55	19.66	19.74	19.86
		50%	#Mid	--	--	19.49	19.54	19.66	19.77
		50%	#Max	--	--	19.34	19.42	19.51	19.65
		100%	--	--	--	19.42	19.59	19.61	19.75
	256QPSK	1	#0	--	--	17.56	17.65	17.75	17.83
		1	#Mid	--	--	17.43	17.51	17.64	17.74
		1	#Max	--	--	17.39	17.42	17.52	17.62
		50%	#0	--	--	17.45	17.54	17.62	17.70
		50%	#Mid	--	--	17.39	17.42	17.54	17.64
		50%	#Max	--	--	17.25	17.33	17.44	17.51
		100%	--	--	--	17.33	17.47	17.53	17.66
Mid	QPSK	1	#0	--	--	22.57	22.62	22.79	22.85
		1	#Mid	--	--	22.41	22.56	22.60	22.75
		1	#Max	--	--	22.38	22.46	22.53	22.62
		50%	#0	--	--	21.56	21.64	21.70	21.85
		50%	#Mid	--	--	21.42	21.57	21.65	21.71
		50%	#Max	--	--	21.30	21.41	21.59	21.66
		100%	--	--	--	21.46	21.51	21.66	21.72
	16QAM	1	#0	--	--	21.57	21.68	21.74	21.83
		1	#Mid	--	--	21.41	21.59	21.62	21.71
		1	#Max	--	--	21.31	21.46	21.56	21.65
		50%	#0	--	--	20.57	20.68	20.79	20.85
		50%	#Mid	--	--	20.48	20.59	20.65	20.71
		50%	#Max	--	--	20.32	20.46	20.54	20.61
		100%	--	--	--	20.47	20.58	20.68	20.76

	64QAM	1	#0	--	--	20.50	20.64	20.75	20.86
		1	#Mid	--	--	20.41	20.59	20.67	20.79
		1	#Max	--	--	20.32	20.46	20.59	20.60
		50%	#0	--	--	19.53	19.65	19.70	19.82
		50%	#Mid	--	--	19.47	19.52	19.62	19.78
		50%	#Max	--	--	19.34	19.45	19.53	19.63
		100%	--	--	--	19.40	19.55	19.68	19.77
	256QPSK	1	#0	--	--	17.56	17.67	17.78	17.82
		1	#Mid	--	--	17.43	17.55	17.67	17.72
		1	#Max	--	--	17.37	17.46	17.56	17.67
		50%	#0	--	--	17.46	17.52	17.61	17.77
		50%	#Mid	--	--	17.35	17.45	17.56	17.64
		50%	#Max	--	--	17.26	17.35	17.47	17.55
		100%	--	--	--	17.31	17.41	17.55	17.62
High	QPSK	1	#0	--	--	22.59	22.63	22.70	22.82
		1	#Mid	--	--	22.42	22.52	22.66	22.71
		1	#Max	--	--	22.36	22.42	22.54	22.63
		50%	#0	--	--	21.57	21.62	21.74	21.84
		50%	#Mid	--	--	21.42	21.54	21.67	21.71
		50%	#Max	--	--	21.30	21.48	21.55	21.61
		100%	--	--	--	21.48	21.56	21.69	21.76
	16QAM	1	#0	--	--	21.57	21.63	21.75	21.83
		1	#Mid	--	--	21.46	21.54	21.69	21.76
		1	#Max	--	--	21.34	21.44	21.52	21.66
		50%	#0	--	--	20.51	20.60	20.76	20.81
		50%	#Mid	--	--	20.46	20.55	20.64	20.78
		50%	#Max	--	--	20.31	20.41	20.55	20.63
		100%	--	--	--	20.41	20.51	20.67	20.77
	64QAM	1	#0	--	--	20.57	20.60	20.78	20.87
		1	#Mid	--	--	20.49	20.53	20.63	20.70
		1	#Max	--	--	20.33	20.43	20.58	20.69
		50%	#0	--	--	19.53	19.60	19.74	19.86
		50%	#Mid	--	--	19.47	19.51	19.64	19.70
		50%	#Max	--	--	19.31	19.43	19.59	19.67
		100%	--	--	--	19.43	19.55	19.60	19.73
	256QPSK	1	#0	--	--	17.52	17.65	17.74	17.85
		1	#Mid	--	--	17.46	17.58	17.62	17.76
		1	#Max	--	--	17.36	17.44	17.59	17.66
		50%	#0	--	--	17.42	17.53	17.61	17.73
		50%	#Mid	--	--	17.36	17.46	17.54	17.66
		50%	#Max	--	--	17.22	17.37	17.44	17.58
		100%	--	--	--	17.37	17.45	17.53	17.63

NR n2				Ant 0				
BW (MHz)	Modulation	Channel		372000	376000	380000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1860	1880	1900		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	16.27	16.28	16.22	0	16.5
	QPSK	1	#1	16.35	16.39	16.37	0	16.5
		1	#Mid	16.25	16.29	16.27	0	16.5
		1	#Max	16.15	16.19	16.17	0	16.5
		50%	#0	16.07	16.08	16.06	0	16.5
		50%	#Mid	16.17	16.18	16.16	0	16.5
		50%	#Max	15.97	15.98	15.96	0	16.5
		100%	--	16.07	16.08	16.06	0	16.5
	16QAM	1	#1	15.93	15.95	15.92	0	16.5
	64QAM	1	#1	15.85	15.89	15.83	0	16.5
	256QAM	1	#1	15.72	15.75	15.72	0	16.5
	CP-OFDM QPSK	1	#1	15.66	15.67	15.62	0	16.5
BW (MHz)	Modulation	Channel		371500	376000	380500	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1857.5	1880	1902.5		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	16.12	16.19	16.15	0	16.5
	QPSK	1	#1	16.21	16.25	16.22	0	16.5
		1	#Mid	16.12	16.16	16.13	0	16.5
		1	#Max	16.02	16.06	16.03	0	16.5
		50%	#0	15.95	15.96	15.92	0	16.5
		50%	#Mid	16.11	16.15	16.12	0	16.5
		50%	#Max	16.01	16.03	16.03	0	16.5
		100%	--	16.02	16.04	16.01	0	16.5
	16QAM	1	#1	15.82	15.85	15.81	0	16.5
	64QAM	1	#1	15.74	15.75	15.72	0	16.5
	256QAM	1	#1	15.62	15.65	15.61	0	16.5
	CP-OFDM QPSK	1	#1	15.54	15.55	15.52	0	16.5

BW (MHz)	Modulation	Channel		371000	376000	381000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1855	1880	1905		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	16.06	16.08	16.02	0	16.5
	QPSK	1	#1	16.12	16.15	16.11	0	16.5
		1	#Mid	16.02	16.05	16.01	0	16.5
		1	#Max	15.92	15.95	15.91	0	16.5
		50%	#0	15.86	15.88	15.82	0	16.5
		50%	#Mid	16.05	16.08	16.02	0	16.5
		50%	#Max	15.94	15.96	15.92	0	16.5
		100%	--	15.92	15.98	15.92	0	16.5
	16QAM	1	#1	15.72	15.79	15.74	0	16.5
	64QAM	1	#1	15.60	15.65	15.62	0	16.5
	256QAM	1	#1	15.52	15.57	15.53	0	16.5
	CP-OFDM QPSK	1	#1	15.46	15.47	15.42	0	16.5
BW (MHz)	Modulation	Channel		370500	376000	381500	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1852.5	1880	1907.5		
		RB No.	RB Offset	Measured Power (dBm)				
5M	PI/2 BPSK	1	#1	15.92	15.97	15.95	0	16.5
	QPSK	1	#1	16.02	16.07	16.05	0	16.5
		1	#Mid	16.01	16.05	16.02	0	16.5
		1	#Max	15.94	15.91	15.94	0	16.5
		50%	#0	15.82	15.85	15.81	0	16.5
		50%	#Mid	15.95	15.98	15.96	0	16.5
		50%	#Max	15.73	15.78	15.76	0	16.5
		100%	--	15.72	15.75	15.71	0	16.5
	16QAM	1	#1	15.62	15.67	15.61	0	16.5
	64QAM	1	#1	15.52	15.59	15.51	0	16.5
	256QAM	1	#1	15.46	15.48	15.42	0	16.5
	CP-OFDM QPSK	1	#1	15.34	15.38	15.32	0	16.5

NR n5				Ant 0				
BW (MHz)	Modulation	Channel		166800	167300	167800	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		834	836.5	839		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	23.83	23.86	23.85	0	24
	QPSK	1	#1	23.91	23.95	23.92	0	24
		1	#Mid	23.81	23.85	23.82	0	24
		1	#Max	23.71	23.75	23.72	0	24
		50%	#0	22.82	22.84	22.82	1	23
		50%	#Mid	22.92	22.94	22.91	1	23
		50%	#Max	22.71	22.74	22.72	1	23
		100%	--	22.84	22.85	22.83	1	23
	16QAM	1	#1	22.91	22.94	22.92	1	23
	64QAM	1	#1	21.93	21.99	21.96	2	22
	256QAM	1	#1	20.95	20.97	20.92	3	21
	CP-OFDM QPSK	1	#1	21.94	21.98	21.96	2	22
BW (MHz)	Modulation	Channel		166300	167300	168300	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		831.5	836.5	841.5		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	23.75	23.78	23.72	0	24
	QPSK	1	#1	23.83	23.89	23.85	0	24
		1	#Mid	23.72	23.75	23.74	0	24
		1	#Max	23.61	23.65	23.62	0	24
		50%	#0	22.76	22.79	22.71	1	23
		50%	#Mid	22.86	22.89	22.81	1	23
		50%	#Max	22.66	22.69	22.61	1	23
		100%	--	22.71	22.76	22.75	1	23
	16QAM	1	#1	22.82	22.89	22.81	1	23
	64QAM	1	#1	21.81	21.87	21.82	2	22
	256QAM	1	#1	20.81	20.84	20.82	3	21
	CP-OFDM QPSK	1	#1	21.87	21.88	21.86	2	22

BW (MHz)	Modulation	Channel		165800	167300	168800	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		829	836.5	844		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	23.61	23.68	23.63	0	24
	QPSK	1	#1	23.72	23.75	23.72	0	24
		1	#Mid	23.62	23.65	23.62	0	24
		1	#Max	23.52	23.55	23.52	0	24
		50%	#0	22.61	22.67	22.65	1	23
		50%	#Mid	22.71	22.77	22.76	1	23
		50%	#Max	22.51	22.50	22.51	1	23
		100%	--	22.62	22.66	22.64	1	23
	16QAM	1	#1	22.75	22.79	22.72	1	23
	64QAM	1	#1	21.71	21.77	21.75	2	22
	256QAM	1	#1	20.75	20.77	20.75	3	21
	CP-OFDM QPSK	1	#1	21.75	21.77	21.71	2	22
BW (MHz)	Modulation	Channel		165300	167300	169300	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		826.5	836.5	846.5		
		RB No.	RB Offset	Measured Power (dBm)				
5M	PI/2 BPSK	1	#1	23.71	23.78	23.75	0	24
	QPSK	1	#1	23.73	23.79	23.72	0	24
		1	#Mid	23.72	23.75	23.71	0	24
		1	#Max	23.62	23.68	23.65	0	24
		50%	#0	22.81	22.82	22.80	1	23
		50%	#Mid	22.90	22.91	22.89	1	23
		50%	#Max	22.69	22.70	22.65	1	23
		100%	--	22.83	22.84	22.82	1	23
	16QAM	1	#1	22.89	22.90	22.84	1	23
	64QAM	1	#1	21.92	21.98	21.94	2	22
	256QAM	1	#1	20.93	20.95	20.90	3	21
	CP-OFDM QPSK	1	#1	21.92	21.96	21.94	2	22

NR n7				Ant 0				
BW (MHz)	Modulation	Channel		504000	507000	510000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2520	2535	2550		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	22.21	22.27	22.24	0	22.5
	QPSK	1	#1	22.32	22.39	22.35	0	22.5
		1	#Mid	22.22	22.29	22.25	0	22.5
		1	#Max	22.12	22.19	22.15	0	22.5
		50%	#0	22.12	22.15	22.13	0	22.5
		50%	#Mid	22.22	22.25	22.23	0	22.5
		50%	#Max	22.02	22.05	22.03	0	22.5
		100%	--	22.12	22.19	22.15	0	22.5
	16QAM	1	#1	21.33	21.35	21.32	1	21.5
	64QAM	1	#1	21.26	21.28	21.22	1	21.5
	256QAM	1	#1	19.33	19.35	19.32	3	19.5
	CP-OFDM QPSK	1	#1	20.42	20.47	20.45	1	21.5
BW (MHz)	Modulation	Channel		503000	507000	511000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2515	2535	2555		
		RB No.	RB Offset	Measured Power (dBm)				
30M	PI/2 BPSK	1	#1	21.74	21.75	21.72	0	22.5
	QPSK	1	#1	21.86	21.88	21.84	0	22.5
		1	#Mid	21.72	21.78	21.76	0	22.5
		1	#Max	21.65	21.68	21.66	0	22.5
		50%	#0	21.63	21.67	21.64	0	22.5
		50%	#Mid	21.72	21.78	21.73	0	22.5
		50%	#Max	21.53	21.58	21.55	0	22.5
		100%	--	21.61	21.67	21.64	0	22.5
	16QAM	1	#1	20.84	20.85	20.82	1	21.5
	64QAM	1	#1	20.73	20.75	20.74	1	21.5
	256QAM	1	#1	18.83	18.88	18.85	3	19.5
	CP-OFDM QPSK	1	#1	19.91	19.95	19.93	1	21.5

BW (MHz)	Modulation	Channel		502500	507000	511500	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2512.5	2535	2557.5		
		RB No.	RB Offset	Measured Power (dBm)				
25M	PI/2 BPSK	1	#1	21.63	21.65	21.64	0	22.5
	QPSK	1	#1	21.74	21.78	21.72	0	22.5
		1	#Mid	21.63	21.68	21.67	0	22.5
		1	#Max	21.55	21.58	21.54	0	22.5
		50%	#0	21.54	21.57	21.52	1	22.5
		50%	#Mid	21.65	21.68	21.64	1	22.5
		50%	#Max	21.43	21.48	21.44	1	22.5
		100%	--	21.55	21.57	21.56	1	22.5
	16QAM	1	#1	20.73	20.75	21.71	1	21.5
	64QAM	1	#1	20.63	20.65	20.62	2	21.5
	256QAM	1	#1	18.75	18.78	18.74	3	19.5
	CP-OFDM QPSK	1	#1	19.83	19.85	19.82	1	21.5
BW (MHz)	Modulation	Channel		502000	507000	512000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2510	2535	2560		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	21.82	21.85	21.84	0	22.5
	QPSK	1	#1	21.95	21.98	21.92	0	22.5
		1	#Mid	21.81	21.88	21.82	0	22.5
		1	#Max	21.76	21.78	21.74	0	22.5
		50%	#0	21.72	21.77	21.73	0	22.5
		50%	#Mid	21.81	21.88	21.82	0	22.5
		50%	#Max	21.64	21.68	21.64	0	22.5
		100%	--	21.73	21.77	21.72	0	22.5
	16QAM	1	#1	20.93	20.95	20.94	1	21.5
	64QAM	1	#1	20.81	20.85	20.82	1	21.5
	256QAM	1	#1	18.92	18.98	18.94	3	19.5
	CP-OFDM QPSK	1	#1	20.02	20.05	20.04	1	21.5

BW (MHz)	Modulation	Channel		501500	507000	512500	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2507.5	2535	2562.5		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	22.16	22.18	22.12	0	22.5
	QPSK	1	#1	22.22	22.26	22.25	0	22.5
		1	#Mid	22.12	22.16	22.15	0	22.5
		1	#Max	22.02	22.06	22.05	0	22.5
		50%	#0	22.05	22.09	22.02	0	22.5
		50%	#Mid	22.15	22.19	22.12	0	22.5
		50%	#Max	22.00	22.03	22.02	0	22.5
		100%	--	22.04	22.08	22.05	0	22.5
	16QAM	1	#1	21.23	21.27	21.25	1	21.5
	64QAM	1	#1	21.11	21.15	21.12	1	21.5
	256QAM	1	#1	19.25	19.28	19.23	3	19.5
	CP-OFDM QPSK	1	#1	20.33	20.35	20.32	1	21.5
BW (MHz)	Modulation	Channel		501000	507000	513000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2505	2535	2565		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	22.01	22.05	22.03	0	22.5
	QPSK	1	#1	22.14	22.16	22.12	0	22.5
		1	#Mid	22.04	22.06	22.02	0	22.5
		1	#Max	21.94	21.96	21.92	0	22.5
		50%	#0	21.92	21.98	21.95	0	22.5
		50%	#Mid	22.02	22.08	22.05	0	22.5
		50%	#Max	21.82	21.88	21.85	0	22.5
		100%	--	21.91	21.95	21.92	0	22.5
	16QAM	1	#1	21.12	21.19	21.15	1	21.5
	64QAM	1	#1	21.05	21.08	21.02	1	21.5
	256QAM	1	#1	19.13	19.15	19.12	3	19.5
	CP-OFDM QPSK	1	#1	20.21	20.25	20.23	1	21.5

BW (MHz)	Modulation	Channel		500500	507000	513500	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2502.5	2535	2567.5		
		RB No.	RB Offset	Measured Power (dBm)				
5M	PI/2 BPSK	1	#1	21.91	21.95	21.92	0	22.5
	QPSK	1	#1	22.04	22.08	22.08	0	22.5
		1	#Mid	21.94	21.98	21.96	0	22.5
		1	#Max	21.84	21.88	21.83	0	22.5
		50%	#0	21.85	21.88	21.81	0	22.5
		50%	#Mid	21.95	21.98	21.91	0	22.5
		50%	#Max	21.75	21.78	21.71	0	22.5
		100%	--	21.84	21.87	21.83	0	22.5
	16QAM	1	#1	21.02	21.05	21.01	1	21.5
	64QAM	1	#1	20.92	20.95	20.93	1	21.5
	256QAM	1	#1	19.04	19.08	19.02	3	19.5
	CP-OFDM QPSK	1	#1	20.11	20.15	20.12	1	21.5

NR n12				Ant 0				
BW (MHz)	Modulation	Channel		141300	141500	141700	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		706.5	707.5	708.5		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	23.33	23.36	23.39	0	23.5
	QPSK	1	#1	23.43	23.46	23.44	0	23.5
		1	#Mid	23.33	23.36	23.34	0	23.5
		1	#Max	23.23	23.26	23.24	0	23.5
		50%	#0	22.82	22.87	22.82	0.5	23
		50%	#Mid	22.97	22.97	22.92	0.5	23
		50%	#Max	22.77	22.77	22.72	0.5	23
		100%	--	22.81	22.84	22.88	0.5	23
	16QAM	1	#1	22.83	22.86	22.87	0.5	23
	64QAM	1	#1	21.84	21.85	21.89	1	22.5
	256QAM	1	#1	19.98	19.92	19.99	2	21.5
	CP-OFDM QPSK	1	#1	21,99	21.94	21.91	1	22.5
BW (MHz)	Modulation	Channel		140800	141500	142200	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		704	707.5	711		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	23.20	23.24	23.25	0	23.5
	QPSK	1	#1	23.34	23.34	23.31	0	23.5
		1	#Mid	23.24	23.24	23.21	0	23.5
		1	#Max	23.14	23.14	23.11	0	23.5
		50%	#0	22.81	22.80	22.79	0.5	23
		50%	#Mid	22.73	22.70	22.72	0.5	23
		50%	#Max	22.63	22.60	22.62	0.5	23
		100%	--	22.73	22.70	22.79	0.5	23
	16QAM	1	#1	22.73	22.74	22.77	0.5	23
	64QAM	1	#1	21.74	21.75	21.74	1	22.5
	256QAM	1	#1	19.89	19.87	19.88	2	21.5
	CP-OFDM QPSK	1	#1	21.85	21.89	21.84	1	22.5

BW (MHz)	Modulation	Channel		140300	141500	142700	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		701.5	707.5	713.5		
		RB No.	RB Offset	Measured Power (dBm)				
5M	PI/2 BPSK	1	#1	23.11	23.19	23.14	0	23.5
	QPSK	1	#1	23.20	23.27	23.26	0	23.5
		1	#Mid	23.10	23.17	23.16	0	23.5
		1	#Max	23.00	23.07	23.06	0	23.5
		50%	#0	22.71	22.74	22.78	0.5	23
		50%	#Mid	22.61	22.64	22.68	0.5	23
		50%	#Max	22.51	22.54	22.58	0.5	23
		100%	--	22.62	22.63	22.66	0.5	23
	16QAM	1	#1	22.76	22.76	22.78	0.5	23
	64QAM	1	#1	21.61	21.64	21.69	1	22.5
	256QAM	1	#1	19.74	19.79	19.79	2	21.5
	CP-OFDM QPSK	1	#1	21.82	21.84	21.86	1	22.5

NR n13				Ant 0				
BW (MHz)	Modulation	Channel			156400		MPR	Tune-up Limit (dBm)
		Frequency (MHz)			782			
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	22.79	22.72	22.74	1	24.5
	QPSK	1	#1	23.35	23.51	23.34	0	24.5
		1	#Mid	23.25	23.41	23.24	0	24.5
		1	#Max	23.15	23.31	23.14	0	24.5
		50%	#0	22.43	22.46	22.42	1	23.5
		50%	#Mid	22.53	22.58	22.56	1	23.5
		50%	#Max	22.33	22.31	22.36	1	23.5
		100%	--	22.37	22.36	22.35	1	23.5
	16QAM	1	#1	22.01	22.49	22.38	1	23.5
	64QAM	1	#1	20.41	21.23	20.88	2	22.5
	256QAM	1	#1	18.76	19.73	18.54	3	21.5
	CP-OFDM QPSK	1	#1	22.34	22.41	22.38	1	23.5
BW (MHz)	Modulation	Channel		155900	156400	156900	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		779.5	782	784.5		
		RB No.	RB Offset	Measured Power (dBm)				
5M	PI/2 BPSK	1	#1	22.67	22.68	22.64	1	24.5
	QPSK	1	#1	23.25	23.26	23.24	0	24.5
		1	#Mid	23.15	23.16	23.14	0	24.5
		1	#Max	23.05	23.06	23.04	0	24.5
		50%	#0	22.27	22.28	22.36	1	23.5
		50%	#Mid	22.17	22.18	22.26	1	23.5
		50%	#Max	22.07	22.08	22.16	1	23.5
		100%	--	22.26	22.29	22.24	1	23.5
	16QAM	1	#1	21.54	21.59	21.51	1	23.5
	64QAM	1	#1	21.01	21.14	20.92	2	22.5
	256QAM	1	#1	19.52	19.51	19.57	3	21.5
	CP-OFDM QPSK	1	#1	22.39	22.20	21.64	1	23.5

NR n14				Ant 0				
BW (MHz)	Modulation	Channel		--	158600	--	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		--	793	--		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	--	22.72	--	1	23.5
	QPSK	1	#1	--	23.77	--	0	24.5
		1	#Mid	--	23.67	--	1	24.5
		1	#Max	--	23.57	--	1	24.5
		50%	#0	--	22.51	--	1	23.5
		50%	#Mid	--	22.61	--	1	23.5
		50%	#Max	--	22.41	--	1	23.5
		100%	--	--	22.52	--	1.5	23
	16QAM	1	#1	--	21.59	--	2	22.5
	64QAM	1	#1	--	20.93	--	3	21.5
	256QAM	1	#1	--	18.98	--	4	20.5
	CP-OFDM QPSK	1	#1	--	20.97	--	2.5	22
BW (MHz)	Modulation	Channel		158100	158600	159100	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		790.5	793	795.5		
		RB No.	RB Offset	Measured Power (dBm)				
5M	PI/2 BPSK	1	#1	22.48	22.56	22.47	1	23.5
	QPSK	1	#1	23.11	23.21	23.11	0	24.5
		1	#Mid	23.01	23.11	23.01	1	24.5
		1	#Max	22.91	23.01	22.91	1	24.5
		50%	#0	22.31	22.38	22.37	1	23.5
		50%	#Mid	22.41	22.48	22.47	1	23.5
		50%	#Max	22.21	22.28	22.27	1	23.5
		100%	--	22.41	22.48	22.44	1.5	23
	16QAM	1	#1	21.42	21.45	21.37	2	22.5
	64QAM	1	#1	20.83	20.81	20.87	3	21.5
	256QAM	1	#1	18.51	18.53	18.54	4	20.5
	CP-OFDM QPSK	1	#1	20.52	20.89	20.63	2.5	22

NR n25				Ant 0				
BW (MHz)	Modulation	Channel		374000	376500	379000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1870	1882.5	1895		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	17.12	17.16	17.11	0	17.5
	QPSK	1	#1	17.21	17.25	17.22	0	17.5
		1	#Mid	17.11	17.15	17.12	0	17.5
		1	#Max	17.01	17.05	17.02	0	17.5
		50%	#0	17.03	17.05	17.04	0	17.5
		50%	#Mid	17.13	17.15	17.14	0	17.5
		50%	#Max	16.93	16.95	16.94	0	17.5
		100%	--	17.01	17.05	17.02	0	17.5
	16QAM	1	#1	17.04	17.08	17.05	0	17.5
	64QAM	1	#1	16.93	16.97	16.95	0	17.5
	256QAM	1	#1	16.82	16.87	16.85	0	17.5
	CP-OFDM QPSK	1	#1	16.72	16.77	16.76	0	17.5
BW (MHz)	Modulation	Channel		373000	376500	380000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1865	1882.5	1900		
		RB No.	RB Offset	Measured Power (dBm)				
30M	PI/2 BPSK	1	#1	16.63	16.69	16.62	0	17.5
	QPSK	1	#1	16.71	16.78	16.74	0	17.5
		1	#Mid	16.64	16.68	16.62	0	17.5
		1	#Max	16.52	16.58	16.53	0	17.5
		50%	#0	16.53	16.55	16.51	0	17.5
		50%	#Mid	16.62	16.65	16.62	0	17.5
		50%	#Max	16.41	16.45	16.42	0	17.5
		100%	--	16.51	16.58	16.52	0	17.5
	16QAM	1	#1	16.33	16.34	16.32	0	17.5
	64QAM	1	#1	16.21	16.24	16.23	0	17.5
	256QAM	1	#1	16.13	16.15	16.12	0	17.5
	CP-OFDM QPSK	1	#1	16.04	16.05	16.02	0	17.5

BW (MHz)	Modulation	Channel		372500	376500	380500	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1862.5	1882.5	1902.5		
		RB No.	RB Offset	Measured Power (dBm)				
25M	PI/2 BPSK	1	#1	16.52	16.59	16.54	0	17.5
	QPSK	1	#1	16.62	16.68	16.62	0	17.5
		1	#Mid	16.50	16.58	16.53	0	17.5
		1	#Max	16.41	16.48	16.42	0	17.5
		50%	#0	16.42	16.45	16.40	0	17.5
		50%	#Mid	16.51	16.55	16.53	0	17.5
		50%	#Max	16.32	16.35	16.33	0	17.5
		100%	--	16.40	16.48	16.41	0	17.5
	16QAM	1	#1	16.22	16.24	16.23	0	17.5
	64QAM	1	#1	16.10	16.14	16.11	0	17.5
	256QAM	1	#1	16.01	16.05	16.00	0	17.5
	CP-OFDM QPSK	1	#1	15.92	15.95	15.91	0	17.5
BW (MHz)	Modulation	Channel		372000	376500	381000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1860	1882.5	1905		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	16.74	16.79	16.75	0	17.5
	QPSK	1	#1	16.82	16.88	16.85	0	17.5
		1	#Mid	16.75	16.78	18.74	0	17.5
		1	#Max	16.63	16.68	16.65	0	17.5
		50%	#0	16.64	16.65	16.63	0	17.5
		50%	#Mid	16.73	16.75	16.74	0	17.5
		50%	#Max	16.52	16.55	16.53	0	17.5
		100%	--	16.64	16.68	16.61	0	17.5
	16QAM	1	#1	16.42	16.44	16.43	0	17.5
	64QAM	1	#1	16.32	16.34	16.33	0	17.5
	256QAM	1	#1	16.24	16.25	16.23	0	17.5
	CP-OFDM QPSK	1	#1	16.13	16.15	16.14	0	17.5

BW (MHz)	Modulation	Channel		371500	376500	381500	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1857.5	1882.5	1907.5		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	17.08	17.09	17.04	0	17.5
	QPSK	1	#1	17.15	17.19	17.14	0	17.5
		1	#Mid	17.05	17.09	17.04	0	17.5
		1	#Max	16.95	16.99	16.94	0	17.5
		50%	#0	16.97	16.98	16.95	0	17.5
		50%	#Mid	17.07	17.08	17.05	0	17.5
		50%	#Max	16.87	16.88	16.85	0	17.5
		100%	--	16.82	16.87	16.81	0	17.5
	16QAM	1	#1	16.86	16.88	16.82	0	17.5
	64QAM	1	#1	16.71	16.75	16.74	0	17.5
	256QAM	1	#1	16.61	16.68	16.62	0	17.5
	CP-OFDM QPSK	1	#1	16.55	16.58	16.54	0	17.5
BW (MHz)	Modulation	Channel		371000	376500	382000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1855	1882.5	1910		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	16.91	16.95	16.94	0	17.5
	QPSK	1	#1	17.04	17.07	17.03	0	17.5
		1	#Mid	16.94	16.97	16.93	0	17.5
		1	#Max	16.84	16.87	16.83	0	17.5
		50%	#0	16.86	16.88	16.82	0	17.5
		50%	#Mid	16.96	16.98	16.92	0	17.5
		50%	#Max	16.76	16.78	16.72	0	17.5
		100%	--	16.71	16.75	16.72	0	17.5
	16QAM	1	#1	16.75	16.78	16.72	0	17.5
	64QAM	1	#1	16.64	16.65	16.61	0	17.5
	256QAM	1	#1	16.52	16.58	16.53	0	17.5
	CP-OFDM QPSK	1	#1	16.43	16.48	16.42	0	17.5

BW (MHz)	Modulation	Channel		370500	376500	382500	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1852.5	1882.5	1912.5		
		RB No.	RB Offset	Measured Power (dBm)				
5M	PI/2 BPSK	1	#1	16.86	16.89	16.82	0	17.5
	QPSK	1	#1	16.94	16.98	16.92	0	17.5
		1	#Mid	16.84	16.88	16.82	0	17.5
		1	#Max	16.74	16.78	16.72	0	17.5
		50%	#0	16.70	16.75	16.72	0	17.5
		50%	#Mid	16.80	16.85	16.82	0	17.5
		50%	#Max	16.60	16.65	16.62	0	17.5
		100%	--	16.64	16.68	16.65	0	17.5
	16QAM	1	#1	16.53	16.55	16.52	0	17.5
	64QAM	1	#1	16.41	16.43	16.42	0	17.5
	256QAM	1	#1	16.32	16.35	16.34	0	17.5
	CP-OFDM QPSK	1	#1	16.22	16.25	16.21	0	17.5

NR n26				Ant 0				
BW (MHz)	Modulation	Channel		164800	166300	167800	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		824	831.5	839		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	22.91	22.94	22.92	0	24
	QPSK	1	#1	23.82	23.87	23.85	0	24
		1	#Mid	23.72	23.77	23.75	0	24
		1	#Max	23.62	23.67	23.65	0	24
		50%	#0	22.82	22.85	22.84	1	23
		50%	#Mid	22.92	22.95	22.94	1	23
		50%	#Max	22.72	22.75	22.74	1	23
		100%	--	22.84	22.82	22.81	1	23
	16QAM	1	#1	22.43	22.42	22.44	1.5	22.5
	64QAM	1	#1	21.45	21.48	21.43	2	22
	256QAM	1	#1	19.71	19.61	19.35	3	21
	CP-OFDM QPSK	1	#1	21.40	21.49	21.42	1.5	22.5
BW (MHz)	Modulation	Channel		164300	166300	168300	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		821.5	831.5	841.5		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	22.87	22.80	22.85	0	24
	QPSK	1	#1	23.77	23.76	23.72	0	24
		1	#Mid	23.67	23.66	23.62	0	24
		1	#Max	23.57	23.56	23.52	0	24
		50%	#0	22.75	22.71	22.71	1	23
		50%	#Mid	22.85	22.86	22.81	1	23
		50%	#Max	22.65	22.61	22.63	1	23
		100%	--	22.77	22.76	22.71	1	23
	16QAM	1	#1	22.37	22.37	22.39	1.5	22.5
	64QAM	1	#1	21.37	21.31	21.34	2	22
	256QAM	1	#1	19.67	19.60	19.25	3	21
	CP-OFDM QPSK	1	#1	21.39	21.36	21.34	1.5	22.5

BW (MHz)	Modulation	Channel		163800	166300	168800	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		819	831.5	844		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	22.75	22.72	22.75	0	24
	QPSK	1	#1	23.65	23.68	23.65	0	24
		1	#Mid	23.55	23.58	23.55	0	24
		1	#Max	23.45	23.48	23.45	0	24
		50%	#0	22.63	22.64	22.62	1	23
		50%	#Mid	22.73	22.74	22.72	1	23
		50%	#Max	22.53	22.54	22.52	1	23
		100%	--	22.51	22.53	22.52	1	23
	16QAM	1	#1	22.29	22.21	22.23	1.5	22.5
	64QAM	1	#1	21.24	21.25	21.21	2	22
	256QAM	1	#1	19.52	19.55	19.31	3	21
	CP-OFDM QPSK	1	#1	21.23	21.21	21.28	1.5	22.5
BW (MHz)	Modulation	Channel		163300	166300	169300	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		816.5	831.5	846.5		
		RB No.	RB Offset	Measured Power (dBm)				
5M	PI/2 BPSK	1	#1	22.67	22.68	22.61	0	24
	QPSK	1	#1	23.59	23.57	23.58	0	24
		1	#Mid	23.49	23.47	23.48	0	24
		1	#Max	23.39	23.37	23.38	0	24
		50%	#0	22.55	22.58	22.54	1	23
		50%	#Mid	22.65	22.68	22.64	1	23
		50%	#Max	22.45	22.48	22.44	1	23
		100%	--	22.40	22.48	22.44	1	23
	16QAM	1	#1	22.16	22.10	22.11	1.5	22.5
	64QAM	1	#1	21.19	21.16	21.13	2	22
	256QAM	1	#1	19.48	19.49	19.26	3	21
	CP-OFDM QPSK	1	#1	21.10	21.17	21.11	1.5	22.5

NR n30				Ant 0				
BW (MHz)	Modulation	Channel		--	462000	--	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		--	2310	--		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	--	20.29	--	0	20.5
	QPSK	1	#1	--	20.35	--	0	20.5
		1	#Mid	--	20.45	--	0	20.5
		1	#Max	--	20.22	--	0	20.5
		50%	#0	--	20.29	--	0	20.5
		50%	#Mid	--	20.31	--	0	20.5
		50%	#Max	--	20.41	--	0	20.5
		100%	--	--	19.95	--	0.5	20
	16QAM	1	#1	--	19.90	--	0.5	20
	64QAM	1	#1	--	19.82	--	1	20
	256QAM	1	#1	--	18.99	--	1.5	19.5
	CP-OFDM QPSK	1	#1	--	19.86	--	0.5	20
BW (MHz)	Modulation	Channel		461500	462000	462500	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2307.5	2310	2312.5		
		RB No.	RB Offset	Measured Power (dBm)				
5M	PI/2 BPSK	1	#1	19.81	19.85	19.82	0	20.5
	QPSK	1	#1	19.98	19.99	19.95	0	20.5
		1	#Mid	19.84	19.89	19.85	0	20.5
		1	#Max	19.74	19.79	19.75	0	20.5
		50%	#0	19.73	19.75	19.74	0	20.5
		50%	#Mid	19.82	19.85	19.84	0	20.5
		50%	#Max	19.52	19.65	19.64	0	20.5
		100%	--	19.73	19.75	19.74	0	20.5
	16QAM	1	#1	19.81	19.89	19.85	0	20.5
	64QAM	1	#1	19.76	19.79	19.75	0	20.5
	256QAM	1	#1	18.93	18.95	18.94	1	19.5
	CP-OFDM QPSK	1	#1	19.81	19.85	19.84	0	20.5

NR n41				Ant 0/ANT2				
BW (MHz)	Modulation	Channel		509202	518598	528000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2546.01	2592.99	2640		
		RB No.	RB Offset	Measured Power (dBm)				
100M	PI/2 BPSK	1	#1	23.91	23.99	23.92	0	24.5
	QPSK	1	#1	24.02	24.08	24.05	0	24.5
		1	#Mid	23.92	23.98	23.95	0	24.5
		1	#Max	23.82	23.88	23.85	0	24.5
		50%	#0	23.85	23.89	23.87	0.5	24
		50%	#Mid	23.95	23.99	23.97	0.5	24
		50%	#Max	22.75	22.79	22.77	0.5	24
		100%	--	23.80	23.87	23.85	0.5	24
	16QAM	1	#1	23.85	23.88	23.82	0.5	24
	64QAM	1	#1	23.01	23.05	23.02	1	23.5
	256QAM	1	#1	21.12	21.17	21.14	2	22.5
	CP-OFDM QPSK	1	#1	22.75	22.79	22.74	1	23.5
BW (MHz)	Modulation	Channel		508200	518598	528996	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2541	2592.99	2644.98		
		RB No.	RB Offset	Measured Power (dBm)				
90M	PI/2 BPSK	1	#1	23.75	23.79	23.78	0	24.5
	QPSK	1	#1	23.86	23.88	23.85	0	24.5
		1	#Mid	23.76	23.78	23.75	0	24.5
		1	#Max	23.66	23.68	23.65	0	24.5
		50%	#0	23.62	23.65	23.61	0.5	24
		50%	#Mid	23.72	23.75	23.71	0.5	24
		50%	#Max	23.52	23.55	23.51	0.5	24
		100%	--	23.65	23.68	23.62	0.5	24
	16QAM	1	#1	23.36	23.38	23.32	0.5	24
	64QAM	1	#1	22.81	22.86	22.83	1	23.5
	256QAM	1	#1	20.83	20.85	20.81	2	22.5
	CP-OFDM QPSK	1	#1	22.33	22.38	22.35	1	23.5

BW (MHz)	Modulation	Channel		507204	518598	529998	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2536.02	2592.99	2649.99		
		RB No.	RB Offset	Measured Power (dBm)				
80M	PI/2 BPSK	1	#1	23.61	23.68	23.62	0	24.5
	QPSK	1	#1	23.72	23.78	23.71	0	24.5
		1	#Mid	23.62	23.68	23.61	0	24.5
		1	#Max	23.52	23.58	23.51	0	24.5
		50%	#0	23.52	23.56	23.54	0.5	24
		50%	#Mid	23.62	23.66	23.64	0.5	24
		50%	#Max	23.42	23.46	23.44	0.5	24
		100%	--	23.54	23.57	23.52	0.5	24
	16QAM	1	#1	23.21	23.28	23.25	0.5	24
	64QAM	1	#1	22.72	22.79	22.75	1	23.5
	256QAM	1	#1	20.75	20.78	20.72	2	22.5
	CP-OFDM QPSK	1	#1	22.21	22.25	22.24	1	23.5

BW (MHz)	Modulation	Channel		505200	518598	531996	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2526	2592.99	2659.98		
		RB No.	RB Offset	Measured Power (dBm)				
60M	PI/2 BPSK	1	#1	23.54	23.59	23.57	0	24.5
	QPSK	1	#1	23.61	23.67	23.65	0	24.5
		1	#Mid	23.51	23.57	23.55	0	24.5
		1	#Max	23.41	23.47	23.45	0	24.5
		50%	#0	23.43	23.45	23.41	0.5	24
		50%	#Mid	23.53	23.55	23.51	0.5	24
		50%	#Max	23.33	23.35	23.31	0.5	24
		100%	--	23.41	23.47	23.45	0.5	24
	16QAM	1	#1	23.35	23.38	23.32	0.5	24
	64QAM	1	#1	22.62	22.67	22.65	1	23.5
	256QAM	1	#1	20.72	20.78	20.75	2	22.5
	CP-OFDM QPSK	1	#1	22.15	22.18	22.12	1	23.5

BW (MHz)	Modulation	Channel		504204	518598	532998	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2521.02	2592.99	2664.99		
		RB No.	RB Offset	Measured Power (dBm)				
50M	PI/2 BPSK	1	#1	23.41	23.49	23.45	0	24.5
	QPSK	1	#1	23.55	23.57	23.52	0	24.5
		1	#Mid	23.45	23.47	23.42	0	24.5
		1	#Max	23.35	23.37	23.32	0	24.5
		50%	#0	23.32	23.35	23.31	0.5	24
		50%	#Mid	23.42	23.45	23.41	0.5	24
		50%	#Max	23.22	23.25	23.21	0.5	24
		100%	--	23.32	23.38	23.35	0.5	24
	16QAM	1	#1	23.25	23.27	23.22	0.5	24
	64QAM	1	#1	22.53	22.56	22.51	1	23.5
	256QAM	1	#1	20.61	20.65	20.64	2	22.5
	CP-OFDM QPSK	1	#1	22.12	22.17	22.15	1	23.5
BW (MHz)	Modulation	Channel		503202	518598	534000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2516.01	2592.99	2670		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	23.30	23.36	23.35	0	24.5
	QPSK	1	#1	23.41	23.46	23.45	0	24.5
		1	#Mid	23.31	23.36	23.35	0	24.5
		1	#Max	23.21	23.26	23.25	0	24.5
		50%	#0	23.21	23.28	23.22	0.5	24
		50%	#Mid	23.31	23.38	23.32	0.5	24
		50%	#Max	23.11	23.18	23.12	0.5	24
		100%	--	23.22	23.26	23.25	0.5	24
	16QAM	1	#1	23.21	23.27	23.24	0.5	24
	64QAM	1	#1	22.42	22.49	22.45	1	23.5
	256QAM	1	#1	20.51	20.58	20.57	2	22.5
	CP-OFDM QPSK	1	#1	22.61	22.69	22.65	1	23.5

BW (MHz)	Modulation	Channel		502200	518598	534996	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2511	2592.99	2674.98		
		RB No.	RB Offset	Measured Power (dBm)				
30M	PI/2 BPSK	1	#1	23.24	23.29	23.22	0	24.5
	QPSK	1	#1	23.31	23.35	23.34	0	24.5
		1	#Mid	23.21	23.25	23.24	0	24.5
		1	#Max	23.11	23.15	23.14	0	24.5
		50%	#0	23.11	23.17	23.15	0.5	24
		50%	#Mid	23.21	23.27	23.25	0.5	24
		50%	#Max	23.01	23.07	23.05	0.5	24
		100%	--	23.11	23.17	23.15	0.5	24
	16QAM	1	#1	23.15	23.19	23.12	0.5	24
	64QAM	1	#1	22.35	22.38	22.32	1	23.5
	256QAM	1	#1	20.53	20.55	20.51	2	22.5
	CP-OFDM QPSK	1	#1	22.63	22.65	22.62	1	23.5
BW (MHz)	Modulation	Channel		501204	518598	535998	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2506.02	2592.99	2679.99		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	23.87	23.88	23.86	0	24.5
	QPSK	1	#1	23.90	23.95	23.92	0	24.5
		1	#Mid	23.80	23.85	23.82	0	24.5
		1	#Max	23.70	23.75	23.72	0	24.5
		50%	#0	23.71	23.78	23.75	0.5	24
		50%	#Mid	23.81	23.88	23.85	0.5	24
		50%	#Max	23.61	23.68	23.65	0.5	24
		100%	--	23.75	23.77	23.71	0.5	24
	16QAM	1	#1	23.42	23.45	23.41	0.5	24
	64QAM	1	#1	22.92	22.96	22.95	1	23.5
	256QAM	1	#1	20.92	20.96	20.95	2	22.5
	CP-OFDM QPSK	1	#1	22.41	22.45	22.42	1	23.5

BW (MHz)	Modulation	Channel		500700	518598	536496	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2503.5	2592.99	2682.48		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	23.02	23.07	23.02	0	24.5
	QPSK	1	#1	23.13	23.19	23.14	0	24.5
		1	#Mid	23.03	23.08	23.02	0	24.5
		1	#Max	22.93	22.98	22.92	0	24.5
		50%	#0	22.92	22.98	22.95	0.5	24
		50%	#Mid	23.02	23.08	23.05	0.5	24
		50%	#Max	22.82	22.88	22.85	0.5	24
		100%	--	22.94	22.97	22.92	0.5	24
	16QAM	1	#1	22.91	22.95	22.94	0.5	24
	64QAM	1	#1	22.13	22.18	22.15	1	23.5
	256QAM	1	#1	20.54	20.58	20.57	2	22.5
	CP-OFDM QPSK	1	#1	22.61	22.65	22.64	1	23.5
BW (MHz)	Modulation	Channel		500202	518598	537000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2501.01	2592.99	2685		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	22.92	22.98	23.21	0	24.5
	QPSK	1	#1	23.02	23.08	23.07	0	24.5
		1	#Mid	22.91	22.95	22.94	0	24.5
		1	#Max	22.81	22.85	22.84	0	24.5
		50%	#0	22.81	22.88	22.84	0.5	24
		50%	#Mid	22.91	22.98	22.94	0.5	24
		50%	#Max	22.71	22.78	22.74	0.5	24
		100%	--	22.82	22.89	22.84	0.5	24
	16QAM	1	#1	22.82	22.88	22.83	0.5	24
	64QAM	1	#1	22.02	22.08	22.07	1	23.5
	256QAM	1	#1	20.55	20.59	20.56	2	22.5
	CP-OFDM QPSK	1	#1	22.52	22.57	22.54	1	23.5

NR n41_HPUE				Ant 0/ANT2				
BW (MHz)	Modulation	Channel		509202	518598	528000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2546.01	2592.99	2640		
		RB No.	RB Offset	Measured Power (dBm)				
100M	PI/2 BPSK	1	#1	23.94	24.08	23.87	0	24.5
	QPSK	1	#1	24.04	24.10	24.06	0	24.5
		1	#Mid	23.82	23.95	23.91	0	24.5
		1	#Max	23.91	23.78	23.92	0	24.5
		50%	#0	23.76	23.85	23.86	0.5	24
		50%	#Mid	23.91	23.99	24.01	0.5	24
		50%	#Max	22.71	22.69	22.79	0.5	24
		100%	--	23.75	23.79	23.76	0.5	24
	16QAM	1	#1	23.86	23.85	23.79	0.5	24
	64QAM	1	#1	23.04	23.04	22.92	1	23.5
	256QAM	1	#1	21.03	21.10	21.12	2	22.5
	CP-OFDM QPSK	1	#1	22.67	22.86	22.64	1	23.5
BW (MHz)	Modulation	Channel		508200	518598	528996	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2541	2592.99	2644.98		
		RB No.	RB Offset	Measured Power (dBm)				
90M	PI/2 BPSK	1	#1	23.74	23.72	23.68	0	24.5
	QPSK	1	#1	23.90	23.92	23.77	0	24.5
		1	#Mid	23.72	23.85	23.66	0	24.5
		1	#Max	23.74	23.73	23.69	0	24.5
		50%	#0	23.56	23.66	23.71	0.5	24
		50%	#Mid	23.67	23.80	23.78	0.5	24
		50%	#Max	23.53	23.50	23.50	0.5	24
		100%	--	23.61	23.59	23.70	0.5	24
	16QAM	1	#1	23.45	23.31	23.27	0.5	24
	64QAM	1	#1	22.91	22.92	22.87	1	23.5
	256QAM	1	#1	20.80	20.82	20.82	2	22.5
	CP-OFDM QPSK	1	#1	22.35	22.32	22.25	1	23.5

BW (MHz)	Modulation	Channel		507204	518598	529998	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2536.02	2592.99	2649.99		
		RB No.	RB Offset	Measured Power (dBm)				
80M	PI/2 BPSK	1	#1	23.55	23.70	23.58	0	24.5
	QPSK	1	#1	23.70	23.82	23.67	0	24.5
		1	#Mid	23.61	23.62	23.63	0	24.5
		1	#Max	23.58	23.64	23.54	0	24.5
		50%	#0	23.55	23.50	23.47	0.5	24
		50%	#Mid	23.61	23.72	23.60	0.5	24
		50%	#Max	23.32	23.45	23.43	0.5	24
		100%	--	23.59	23.47	23.62	0.5	24
	16QAM	1	#1	23.18	23.24	23.33	0.5	24
	64QAM	1	#1	22.76	22.70	22.76	1	23.5
	256QAM	1	#1	20.69	20.78	20.63	2	22.5
	CP-OFDM QPSK	1	#1	22.20	22.18	22.26	1	23.5
BW (MHz)	Modulation	Channel		505200	518598	531996	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2526	2592.99	2659.98		
		RB No.	RB Offset	Measured Power (dBm)				
60M	PI/2 BPSK	1	#1	23.54	23.60	23.67	0	24.5
	QPSK	1	#1	23.57	23.70	23.59	0	24.5
		1	#Mid	23.41	23.56	23.52	0	24.5
		1	#Max	23.36	23.44	23.43	0	24.5
		50%	#0	23.51	23.50	23.36	0.5	24
		50%	#Mid	23.49	23.56	23.59	0.5	24
		50%	#Max	23.23	23.43	23.24	0.5	24
		100%	--	23.43	23.56	23.55	0.5	24
	16QAM	1	#1	23.26	23.45	23.39	0.5	24
	64QAM	1	#1	22.67	22.69	22.59	1	23.5
	256QAM	1	#1	20.64	20.84	20.71	2	22.5
	CP-OFDM QPSK	1	#1	22.06	22.09	22.07	1	23.5

BW (MHz)	Modulation	Channel		504204	518598	532998	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2521.02	2592.99	2664.99		
		RB No.	RB Offset	Measured Power (dBm)				
50M	PI/2 BPSK	1	#1	23.43	23.51	23.55	0	24.5
	QPSK	1	#1	23.58	23.66	23.59	0	24.5
		1	#Mid	23.50	23.39	23.37	0	24.5
		1	#Max	23.30	23.27	23.31	0	24.5
		50%	#0	23.24	23.32	23.37	0.5	24
		50%	#Mid	23.34	23.47	23.39	0.5	24
		50%	#Max	23.25	23.28	23.30	0.5	24
		100%	--	23.36	23.45	23.32	0.5	24
	16QAM	1	#1	23.25	23.34	23.29	0.5	24
	64QAM	1	#1	22.61	22.48	22.61	1	23.5
	256QAM	1	#1	20.57	20.70	20.68	2	22.5
	CP-OFDM QPSK	1	#1	22.10	22.13	22.08	1	23.5
BW (MHz)	Modulation	Channel		503202	518598	534000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2516.01	2592.99	2670		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	23.27	23.32	23.37	0	24.5
	QPSK	1	#1	23.32	23.45	23.39	0	24.5
		1	#Mid	23.35	23.40	23.28	0	24.5
		1	#Max	23.30	23.30	23.33	0	24.5
		50%	#0	23.16	23.30	23.18	0.5	24
		50%	#Mid	23.34	23.36	23.26	0.5	24
		50%	#Max	23.21	23.21	23.16	0.5	24
		100%	--	23.18	23.34	23.15	0.5	24
	16QAM	1	#1	23.21	23.30	23.22	0.5	24
	64QAM	1	#1	22.45	22.40	22.48	1	23.5
	256QAM	1	#1	20.45	20.66	20.60	2	22.5
	CP-OFDM QPSK	1	#1	22.68	22.60	22.57	1	23.5

BW (MHz)	Modulation	Channel		502200	518598	534996	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2511	2592.99	2674.98		
		RB No.	RB Offset	Measured Power (dBm)				
30M	PI/2 BPSK	1	#1	23.23	23.23	23.24	0	24.5
	QPSK	1	#1	23.31	23.27	23.42	0	24.5
		1	#Mid	23.13	23.19	23.29	0	24.5
		1	#Max	23.20	23.25	23.12	0	24.5
		50%	#0	23.04	23.27	23.14	0.5	24
		50%	#Mid	23.19	23.35	23.23	0.5	24
		50%	#Max	22.93	22.98	23.02	0.5	24
		100%	--	23.18	23.20	23.17	0.5	24
	16QAM	1	#1	23.19	23.11	23.21	0.5	24
	64QAM	1	#1	22.26	22.43	22.36	1	23.5
	256QAM	1	#1	20.59	20.59	20.59	2	22.5
	CP-OFDM QPSK	1	#1	22.68	22.74	22.53	1	23.5
BW (MHz)	Modulation	Channel		501204	518598	535998	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2506.02	2592.99	2679.99		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	23.96	23.85	23.79	0	24.5
	QPSK	1	#1	23.98	23.98	23.96	0	24.5
		1	#Mid	23.79	23.92	23.77	0	24.5
		1	#Max	23.70	23.75	23.65	0	24.5
		50%	#0	23.66	23.77	23.72	0.5	24
		50%	#Mid	23.79	23.80	23.87	0.5	24
		50%	#Max	23.64	23.76	23.71	0.5	24
		100%	--	23.74	23.84	23.74	0.5	24
	16QAM	1	#1	23.39	23.37	23.45	0.5	24
	64QAM	1	#1	22.86	23.03	22.90	1	23.5
	256QAM	1	#1	20.93	20.95	20.98	2	22.5
	CP-OFDM QPSK	1	#1	22.43	22.42	22.38	1	23.5

BW (MHz)	Modulation	Channel		500700	518598	536496	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2503.5	2592.99	2682.48		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	22.99	23.07	23.01	0	24.5
	QPSK	1	#1	23.15	23.27	23.20	0	24.5
		1	#Mid	23.05	23.04	22.92	0	24.5
		1	#Max	22.93	22.97	23.02	0	24.5
		50%	#0	22.82	22.95	22.95	0.5	24
		50%	#Mid	23.12	23.09	22.99	0.5	24
		50%	#Max	22.82	22.95	22.83	0.5	24
		100%	--	22.86	23.01	22.82	0.5	24
		16QAM	1	#1	23.01	23.00	22.96	0.5
	64QAM	1	#1	22.09	22.26	22.17	1	23.5
	256QAM	1	#1	20.64	20.49	20.67	2	22.5
	CP-OFDM QPSK	1	#1	22.54	22.55	22.59	1	23.5
BW (MHz)	Modulation	Channel		500202	518598	537000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2501.01	2592.99	2685		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	22.96	22.89	23.14	0	24.5
	QPSK	1	#1	23.07	22.98	23.07	0	24.5
		1	#Mid	22.96	22.99	22.89	0	24.5
		1	#Max	22.73	22.75	22.75	0	24.5
		50%	#0	22.75	22.88	22.84	0.5	24
		50%	#Mid	22.83	23.08	23.02	0.5	24
		50%	#Max	22.76	22.78	22.82	0.5	24
		100%	--	22.77	22.85	22.91	0.5	24
		16QAM	1	#1	22.81	22.84	22.83	0.5
	64QAM	1	#1	22.05	22.02	21.97	1	23.5
	256QAM	1	#1	20.51	20.60	20.62	2	22.5
	CP-OFDM QPSK	1	#1	22.52	22.49	22.63	1	23.5

NR n48				Ant 3				
BW (MHz)	Modulation	Channel		638000	641666	645332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3570	3624.99	3679.98		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	20.27	20.28	20.20	0	21.5
	QPSK	1	#1	20.32	20.38	20.35	0	21.5
		1	#Mid	20.22	20.28	20.25	0	21.5
		1	#Max	20.12	20.18	20.15	0	21.5
		50%	#0	20.11	20.18	20.10	0	21.5
		50%	#Mid	20.21	20.28	20.20	0	21.5
		50%	#Max	20.01	20.08	19.51	0	21.5
		100%	--	19.74	19.78	19.75	0	21.5
	16QAM	1	#1	20.23	20.25	20.21	0	21.5
	64QAM	1	#1	20.11	20.16	20.15	0	21.5
	256QAM	1	#1	19.92	19.97	19.95	0	21.5
	CP-OFDM QPSK	1	#1	20.11	20.15	20.12	0	21.5
BW (MHz)	Modulation	Channel		637334	641666	646000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3560.01	3624.99	3690		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	19.84	19.85	19.83	0	21.5
	QPSK	1	#1	19.91	19.96	19.95	0	21.5
		1	#Mid	19.84	19.86	19.85	0	21.5
		1	#Max	19.75	19.76	19.74	0	21.5
		50%	#0	19.76	19.77	19.75	0	21.5
		50%	#Mid	19.85	19.87	19.84	0	21.5
		50%	#Max	19.63	19.67	19.65	0	21.5
		100%	--	19.64	19.68	19.66	0	21.5
	16QAM	1	#1	19.84	19.86	19.85	0	21.5
	64QAM	1	#1	19.72	19.74	19.73	0	21.5
	256QAM	1	#1	19.64	19.68	19.65	0	21.5
	CP-OFDM QPSK	1	#1	19.84	19.89	19.85	0	21.5

BW (MHz)	Modulation	Channel		637168	641666	646166	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3557.52	3624.99	3692.49		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	20.18	20.19	20.17	0	21.5
	QPSK	1	#1	20.25	20.26	20.21	0	21.5
		1	#Mid	20.08	20.09	20.07	0	21.5
		1	#Max	19.98	19.99	19.97	0	21.5
		50%	#0	20.02	20.05	20.04	0	21.5
		50%	#Mid	20.12	20.15	20.14	0	21.5
		50%	#Max	19.92	19.95	19.94	0	21.5
		100%	--	19.54	19.56	19.55	0	21.5
	16QAM	1	#1	20.15	20.16	20.12	0	21.5
	64QAM	1	#1	20.05	20.08	20.01	0	21.5
	256QAM	1	#1	19.85	19.88	19.81	0	21.5
	CP-OFDM QPSK	1	#1	20.08	20.09	20.07	0	21.5
BW (MHz)	Modulation	Channel		637000	641666	646332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3555	3624.99	3694.98		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	20.02	20.05	20.01	0	21.5
	QPSK	1	#1	20.13	20.18	20.12	0	21.5
		1	#Mid	20.03	20.08	20.02	0	21.5
		1	#Max	19.93	19.98	19.92	0	21.5
		50%	#0	19.91	19.98	19.95	0	21.5
		50%	#Mid	20.01	20.08	20.05	0	21.5
		50%	#Max	19.81	19.88	19.85	0	21.5
		100%	--	19.52	19.54	19.51	0	21.5
	16QAM	1	#1	20.04	20.08	20.07	0	21.5
	64QAM	1	#1	19.95	19.98	19.95	0	21.5
	256QAM	1	#1	19.76	19.78	19.71	0	21.5
	CP-OFDM QPSK	1	#1	19.91	19.99	19.95	0	21.5

NR n66				Ant 0				
BW (MHz)	Modulation	Channel		346000	349000	352000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1730	1745	1760		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	16.31	16.35	16.32	0	16.5
	QPSK	1	#1	16.43	16.48	16.47	0	16.5
		1	#Mid	16.32	16.38	16.35	0	16.5
		1	#Max	16.24	16.28	16.27	0	16.5
		50%	#0	16.23	16.28	16.25	0	16.5
		50%	#Mid	16.36	16.38	16.37	0	16.5
		50%	#Max	16.16	16.18	16.17	0	16.5
		100%	--	16.25	16.29	16.28	0	16.5
	16QAM	1	#1	16.24	16.26	16.25	0	16.5
	64QAM	1	#1	16.14	16.18	16.15	0	16
	256QAM	1	#1	16.04	16.08	16.05	0	16
	CP-OFDM QPSK	1	#1	16.13	16.15	16.14	0	16.5
BW (MHz)	Modulation	Channel		345000	349000	353000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1725	1745	1765		
		RB No.	RB Offset	Measured Power (dBm)				
30M	PI/2 BPSK	1	#1	16.23	16.24	16.21	0	16.5
	QPSK	1	#1	16.37	16.38	16.36	0	16.5
		1	#Mid	16.24	16.28	16.25	0	16.5
		1	#Max	16.11	16.18	16.14	0	16.5
		50%	#0	16.14	16.17	16.15	0	16.5
		50%	#Mid	16.25	16.27	16.26	0	16.5
		50%	#Max	16.03	16.07	16.05	0	16.5
		100%	--	16.13	16.16	16.14	0	16.5
	16QAM	1	#1	16.12	16.15	16.13	0	16.5
	64QAM	1	#1	16.01	16.05	16.04	0	16
	256QAM	1	#1	15.94	15.98	15.96	0	16
	CP-OFDM QPSK	1	#1	16.01	16.04	16.02	0	16.5

BW (MHz)	Modulation	Channel		344500	349000	353500	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1722.5	1745	1767.5		
		RB No.	RB Offset	Measured Power (dBm)				
25M	PI/2 BPSK	1	#1	15.73	15.78	15.72	0	16.5
	QPSK	1	#1	15.81	15.86	15.82	0	16.5
		1	#Mid	15.73	15.76	15.74	0	16.5
		1	#Max	15.62	15.66	15.63	0	16.5
		50%	#0	15.57	15.59	15.52	0	16.5
		50%	#Mid	15.63	15.69	15.65	0	16.5
		50%	#Max	15.45	15.49	15.44	0	16.5
		100%	--	15.53	15.58	15.56	0	16.5
	16QAM	1	#1	15.62	15.65	15.61	0	16.5
	64QAM	1	#1	15.54	15.59	15.56	0	16
	256QAM	1	#1	15.43	15.48	15.45	0	16
	CP-OFDM QPSK	1	#1	15.62	15.66	15.63	0	16.5
BW (MHz)	Modulation	Channel		344000	349000	354000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1720	1745	1770		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	16.14	16.17	16.15	0	16.5
	QPSK	1	#1	16.26	16.28	16.27	0	16.5
		1	#Mid	16.14	16.18	16.15	0	16.5
		1	#Max	16.04	16.08	16.05	0	16.5
		50%	#0	16.02	16.09	16.08	0	16.5
		50%	#Mid	16.15	16.19	16.18	0	16.5
		50%	#Max	15.94	15.99	15.95	0	16.5
		100%	--	16.04	16.08	16.05	0	16.5
	16QAM	1	#1	16.04	16.07	16.05	0	16.5
	64QAM	1	#1	15.94	15.98	15.95	0	16
	256QAM	1	#1	15.84	15.86	15.85	0	16
	CP-OFDM QPSK	1	#1	15.94	15.97	15.95	0	16.5

BW (MHz)	Modulation	Channel		343500	349000	354500	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1717.5	1745	1772.5		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	16.03	16.07	16.02	0	16.5
	QPSK	1	#1	16.14	16.17	16.15	0	16.5
		1	#Mid	16.04	16.07	16.05	0	16.5
		1	#Max	15.94	15.96	15.95	0	16.5
		50%	#0	15.96	15.97	15.94	0	16.5
		50%	#Mid	16.04	16.07	16.05	0	16.5
		50%	#Max	15.84	15.87	15.85	0	16.5
		100%	--	15.94	15.99	15.95	0	16.5
	16QAM	1	#1	15.94	15.97	15.96	0	16.5
	64QAM	1	#1	15.84	15.88	15.87	0	16
	256QAM	1	#1	15.74	15.78	15.76	0	16
	CP-OFDM QPSK	1	#1	15.83	15.86	15.84	0	16.5
BW (MHz)	Modulation	Channel		343000	349000	355000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1715	1745	1775		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	15.94	15.95	15.92	0	16.5
	QPSK	1	#1	16.01	16.08	16.70	0	16.5
		1	#Mid	15.94	15.98	15.95	0	16.5
		1	#Max	15.84	15.88	15.85	0	16.5
		50%	#0	15.76	15.79	15.78	0	16.5
		50%	#Mid	15.85	15.89	15.86	0	16.5
		50%	#Max	15.64	15.69	15.68	0	16.5
		100%	--	15.74	15.78	15.75	0	16.5
	16QAM	1	#1	15.72	15.76	15.74	0	16.5
	64QAM	1	#1	15.62	15.65	15.64	0	16
	256QAM	1	#1	15.54	15.59	15.57	0	16
	CP-OFDM QPSK	1	#1	15.62	15.66	15.64	0	16.5

BW (MHz)	Modulation	Channel		342500	349000	355500	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1712.5	1745	1777.5		
		RB No.	RB Offset	Measured Power (dBm)				
5M	PI/2 BPSK	1	#1	15.83	15.88	15.85	0	16.5
	QPSK	1	#1	15.95	15.96	15.91	0	16.5
		1	#Mid	15.83	15.86	15.85	0	16.5
		1	#Max	15.74	15.76	15.75	0	16.5
		50%	#0	15.65	15.69	15.68	0	16.5
		50%	#Mid	15.75	15.79	15.74	0	16.5
		50%	#Max	15.54	15.59	15.58	0	16.5
		100%	--	15.64	15.68	15.65	0	16.5
	16QAM	1	#1	15.73	15.75	15.74	0	16.5
	64QAM	1	#1	15.64	15.69	15.65	0	16
	256QAM	1	#1	15.51	15.58	15.54	0	16
	CP-OFDM QPSK	1	#1	15.70	15.76	15.75	0	16.5

NR n70				Ant 0				
BW (MHz)	Modulation	Channel		--	340500	--	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		--	1702.5	--		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	--	15.83	--	0	16.5
	QPSK	1	#1	--	15.95	--	0	16.5
		1	#Mid	--	15.85	--	0	16.5
		1	#Max	--	15.75	--	0	16.5
		50%	#0	--	15.67	--	0	16.5
		50%	#Mid	--	15.77	--	0	16.5
		50%	#Max	--	15.57	--	0	16.5
		100%	--	--	15.58	--	0	16.5
	16QAM	1	#1	--	15.76	--	0	16.5
	64QAM	1	#1	--	15.66	--	0	16.5
	256QAM	1	#1	--	15.56	--	0	16.5
	CP-OFDM QPSK	1	#1	--	15.74	--	0	16.5
BW (MHz)	Modulation	Channel		340000	340500	341000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1700	1702.5	1705		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	15.77	15.78	15.74	0	16.5
	QPSK	1	#1	15.87	15.89	15.84	0	16.5
		1	#Mid	15.77	15.79	15.74	0	16.5
		1	#Max	15.67	15.69	15.64	0	16.5
		50%	#0	15.61	15.65	15.60	0	16.5
		50%	#Mid	15.61	15.55	15.61	0	16.5
		50%	#Max	15.51	15.45	15.51	0	16.5
		100%	--	15.51	15.53	15.48	0	16.5
	16QAM	1	#1	15.62	15.67	15.61	0	16.5
	64QAM	1	#1	15.51	15.55	15.52	0	16.5
	256QAM	1	#1	15.41	15.45	15.42	0	16.5
	CP-OFDM QPSK	1	#1	15.71	15.73	15.72	0	16.5

BW (MHz)	Modulation	Channel		339500	340500	341500	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1697.5	1702.5	1707.5		
		RB No.	RB Offset	Measured Power (dBm)				
5M	PI/2 BPSK	1	#1	15.61	15.65	15.64	0	16.5
	QPSK	1	#1	15.71	15.75	15.74	0	16.5
		1	#Mid	15.62	15.66	15.63	0	16.5
		1	#Max	15.52	15.56	15.53	0	16.5
		50%	#0	15.57	15.58	15.52	0	16.5
		50%	#Mid	15.47	15.48	15.42	0	16.5
		50%	#Max	15.37	15.38	15.32	0	16.5
		100%	--	15.42	15.48	15.42	0	16.5
	16QAM	1	#1	15.24	15.25	15.22	0	16.5
	64QAM	1	#1	15.43	15.45	15.41	0	16.5
	256QAM	1	#1	15.32	15.35	15.31	0	16.5
	CP-OFDM QPSK	1	#1	15.37	15.38	15.35	0	16.5

NR n71				Ant 0				
BW (MHz)	Modulation	Channel		134600	163100	137600	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		673	680.5	688		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	23.11	23.14	23.12	0	23.5
	QPSK	1	#1	23.21	23.24	23.22	0	23.5
		1	#Mid	23.11	23.14	23.12	0	23.5
		1	#Max	23.01	23.04	23.04	0	23.5
		50%	#0	22.37	22.38	22.39	1	22.5
		50%	#Mid	22.47	22.48	22.46	1	22.5
		50%	#Max	22.27	22.28	22.29	1	22.5
		100%	--	22.37	22.38	22.35	1	22.5
	16QAM	1	#1	22.46	22.45	22.44	1	22.5
	64QAM	1	#1	21.05	21.01	21.07	2	21.5
	256QAM	1	#1	19.11	19.18	19.16	3	20.5
	CP-OFDM QPSK	1	#1	22.23	22.28	22.33	1	22.5
BW (MHz)	Modulation	Channel		134100	136100	138100	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		670.5	680.5	690.5		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	22.96	22.98	22.92	0	23.5
	QPSK	1	#1	23.05	23.03	23.11	0	23.5
		1	#Mid	22.95	22.93	22.91	0	23.5
		1	#Max	22.85	22.83	22.81	0	23.5
		50%	#0	22.31	22.41	22.37	1	22.5
		50%	#Mid	22.21	22.31	22.27	1	22.5
		50%	#Max	22.11	22.21	22.17	1	22.5
		100%	--	22.27	22.31	22.27	1	22.5
	16QAM	1	#1	22.37	22.35	22.35	1	22.5
	64QAM	1	#1	20.98	20.91	20.91	2	21.5
	256QAM	1	#1	19.02	19.02	19.08	3	20.5
	CP-OFDM QPSK	1	#1	22.12	22.15	22.13	1	22.5

BW (MHz)	Modulation	Channel		133600	136100	138600	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		668	680.5	693		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	22.80	22.88	22.86	0	23.5
	QPSK	1	#1	22.93	22.92	22.91	0	23.5
		1	#Mid	22.83	22.82	22.81	0	23.5
		1	#Max	22.73	22.72	22.71	0	23.5
		50%	#0	22.24	22.32	22.26	1	22.5
		50%	#Mid	22.14	22.22	22.27	1	22.5
		50%	#Max	22.04	22.12	22.26	1	22.5
		100%	--	22.34	22.24	22.24	1	22.5
	16QAM	1	#1	22.28	22.23	22.27	1	22.5
	64QAM	1	#1	20.83	20.85	20.82	2	21.5
	256QAM	1	#1	18.93	18.94	18.91	3	20.5
	CP-OFDM QPSK	1	#1	22.02	22.01	22.01	1	22.5
BW (MHz)	Modulation	Channel		133100	136100	139100	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		665.5	680.5	695.5		
		RB No.	RB Offset	Measured Power (dBm)				
5M	PI/2 BPSK	1	#1	22.70	22.70	22.74	0	23.5
	QPSK	1	#1	22.89	22.89	22.82	0	23.5
		1	#Mid	22.79	22.79	22.72	0	23.5
		1	#Max	22.69	22.69	22.62	0	23.5
		50%	#0	22.34	22.32	22.29	1	22.5
		50%	#Mid	22.24	22.22	22.29	1	22.5
		50%	#Max	22.14	22.12	22.19	1	22.5
		100%	--	22.29	22.24	22.25	1	22.5
	16QAM	1	#1	22.28	22.22	22.24	1	22.5
	64QAM	1	#1	20.77	20.77	20.72	2	21.5
	256QAM	1	#1	18.82	18.86	18.87	3	20.5
	CP-OFDM QPSK	1	#1	21.97	21.97	21.91	1	22.5

NR n77				Ant 2/Ant3				
BW (MHz)	Modulation	Channel		--	633334	--	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		--	3500.01	--		
		RB No.	RB Offset	Measured Power (dBm)				
100M	PI/2 BPSK	1	#1	--	17.14	--	0	17.5
	QPSK	1	#1	--	17.25	--	0	17.5
		1	#Mid	--	17.16	--	0	17.5
		1	#Max	--	17.05	--	0	17.5
		50%	#0	--	17.03	--	0	17.5
		50%	#Mid	--	17.13	--	0	17.5
		50%	#Max	--	16.96	--	0	17.5
		100%	--	--	17.07	--	0	17.5
	16QAM	1	#1	--	17.06	--	0	17.5
	64QAM	1	#1	--	16.95	--	0	17.5
	256QAM	1	#1	--	16.83	--	0	17.5
	CP-OFDM QPSK	1	#1	--	16.96	--	0	17.5
BW (MHz)	Modulation	Channel		633000	633334	633666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3495	3500.01	3504.99		
		RB No.	RB Offset	Measured Power (dBm)				
90M	PI/2 BPSK	1	#1	17.01	17.03	17.02	0	17.5
	QPSK	1	#1	17.10	17.04	17.03	0	17.5
		1	#Mid	17.02	17.06	17.03	0	17.5
		1	#Max	16.94	16.95	16.92	0	17.5
		50%	#0	16.89	16.96	16.93	0	17.5
		50%	#Mid	16.99	17.03	17.02	0	17.5
		50%	#Max	16.92	16.94	16.90	0	17.5
		100%	--	16.89	16.93	16.92	0	17.5
	16QAM	1	#1	16.82	16.84	16.83	0	17.5
	64QAM	1	#1	16.70	16.77	16.73	0	17.5
	256QAM	1	#1	16.60	16.66	16.63	0	17.5
	CP-OFDM QPSK	1	#1	16.70	16.73	16.72	0	17.5

BW (MHz)	Modulation	Channel		6326668	633334	634000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3490.02	3500.01	3510		
		RB No.	RB Offset	Measured Power (dBm)				
80M	PI/2 BPSK	1	#1	16.99	17.03	17.00	0	17.5
	QPSK	1	#1	17.12	17.16	17.13	0	17.5
		1	#Mid	17.00	17.06	17.03	0	17.5
		1	#Max	16.93	16.96	16.93	0	17.5
		50%	#0	16.92	16.95	16.94	0	17.5
		50%	#Mid	16.93	17.05	17.03	0	17.5
		50%	#Max	16.81	16.85	16.82	0	17.5
		100%	--	16.91	16.94	16.93	0	17.5
	16QAM	1	#1	16.89	16.96	16.92	0	17.5
	64QAM	1	#1	16.80	16.83	16.82	0	17.5
	256QAM	1	#1	16.73	16.76	16.75	0	17.5
	CP-OFDM QPSK	1	#1	16.83	16.84	16.83	0	17.5
BW (MHz)	Modulation	Channel		632334	633334	634332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3485.01	3500.01	3514.98		
		RB No.	RB Offset	Measured Power (dBm)				
70M	PI/2 BPSK	1	#1	16.29	16.34	16.30	0	17.5
	QPSK	1	#1	16.43	16.46	16.43	0	17.5
		1	#Mid	16.29	16.33	16.30	0	17.5
		1	#Max	16.20	16.26	16.23	0	17.5
		50%	#0	16.19	16.22	16.21	0	17.5
		50%	#Mid	16.30	16.35	16.33	0	17.5
		50%	#Max	16.10	16.13	16.09	0	17.5
		100%	--	16.19	16.22	16.20	0	17.5
	16QAM	1	#1	16.19	16.23	16.20	0	17.5
	64QAM	1	#1	16.11	16.12	16.09	0	17.5
	256QAM	1	#1	16.01	16.03	16.00	0	17.5
	CP-OFDM QPSK	1	#1	16.10	16.12	16.09	0	17.5

BW (MHz)	Modulation	Channel		632000	633334	634666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3480	3500.01	3519.99		
		RB No.	RB Offset	Measured Power (dBm)				
60M	PI/2 BPSK	1	#1	16.86	16.87	16.83	0	17.5
	QPSK	1	#1	16.91	16.95	16.93	0	17.5
		1	#Mid	16.82	16.85	16.83	0	17.5
		1	#Max	16.72	16.75	16.73	0	17.5
		50%	#0	16.70	16.73	16.72	0	17.5
		50%	#Mid	16.79	16.83	16.82	0	17.5
		50%	#Max	16.61	16.63	16.60	0	17.5
		100%	--	16.72	16.76	16.73	0	17.5
	16QAM	1	#1	16.70	16.73	16.71	0	17.5
	64QAM	1	#1	16.59	16.63	16.62	0	17.5
	256QAM	1	#1	16.50	16.56	16.53	0	17.5
	CP-OFDM QPSK	1	#1	16.61	16.62	16.61	0	17.5
BW (MHz)	Modulation	Channel		631668	633334	635000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3475.02	3500.01	3525		
		RB No.	RB Offset	Measured Power (dBm)				
50M	PI/2 BPSK	1	#1	16.69	16.73	16.72	0	17.5
	QPSK	1	#1	16.78	16.83	16.80	0	17.5
		1	#Mid	16.70	16.73	16.72	0	17.5
		1	#Max	16.61	16.63	16.62	0	17.5
		50%	#0	16.72	16.76	16.73	0	17.5
		50%	#Mid	16.61	16.66	16.62	0	17.5
		50%	#Max	16.50	16.56	16.53	0	17.5
		100%	--	16.61	16.66	16.63	0	17.5
	16QAM	1	#1	16.60	16.62	16.61	0	17.5
	64QAM	1	#1	16.52	16.55	16.53	0	17.5
	256QAM	1	#1	16.39	16.43	16.40	0	17.5
	CP-OFDM QPSK	1	#1	16.52	16.56	16.53	0	17.5

BW (MHz)	Modulation	Channel		631334	633334	635332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3470.01	3500.01	3529.98		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	16.61	16.63	16.62	0	17.5
	QPSK	1	#1	16.71	16.73	16.70	0	17.5
		1	#Mid	16.50	16.53	16.52	0	17.5
		1	#Max	16.41	16.43	16.40	0	17.5
		50%	#0	16.49	16.55	16.54	0	17.5
		50%	#Mid	16.62	16.65	16.63	0	17.5
		50%	#Max	16.43	16.45	16.40	0	17.5
		100%	--	16.49	16.53	16.52	0	17.5
	16QAM	1	#1	16.53	16.57	16.56	0	17.5
	64QAM	1	#1	16.43	16.46	16.41	0	17.5
	256QAM	1	#1	16.32	16.35	16.33	0	17.5
	CP-OFDM QPSK	1	#1	16.43	16.45	16.40	0	17.5
BW (MHz)	Modulation	Channel		631000	633334	635666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3465	3500.01	3534.99		
		RB No.	RB Offset	Measured Power (dBm)				
30M	PI/2 BPSK	1	#1	16.51	16.57	16.53	0	17.5
	QPSK	1	#1	16.62	16.66	16.63	0	17.5
		1	#Mid	16.50	16.56	16.51	0	17.5
		1	#Max	16.42	16.46	16.45	0	17.5
		50%	#0	16.41	16.47	16.40	0	17.5
		50%	#Mid	16.52	16.57	16.53	0	17.5
		50%	#Max	16.32	16.37	16.33	0	17.5
		100%	--	16.40	16.45	16.43	0	17.5
	16QAM	1	#1	16.39	16.43	16.42	0	17.5
	64QAM	1	#1	16.32	16.36	16.31	0	17.5
	256QAM	1	#1	16.20	16.26	16.23	0	17.5
	CP-OFDM QPSK	1	#1	16.31	16.36	16.33	0	17.5

BW (MHz)	Modulation	Channel		630668	633334	636000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3460.02	3500.01	3540		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	16.52	16.56	16.53	0	17.5
	QPSK	1	#1	16.61	16.66	16.63	0	17.5
		1	#Mid	16.50	16.56	16.53	0	17.5
		1	#Max	16.40	16.46	16.42	0	17.5
		50%	#0	16.40	16.44	16.42	0	17.5
		50%	#Mid	16.51	16.54	16.52	0	17.5
		50%	#Max	16.31	16.34	16.33	0	17.5
		100%	--	16.52	16.53	16.50	0	17.5
		16QAM	1	#1	16.49	16.52	16.51	0
	64QAM	1	#1	16.42	16.45	16.43	0	17.5
	256QAM	1	#1	16.30	16.33	16.32	0	17.5
	CP-OFDM QPSK	1	#1	16.40	16.44	16.43	0	17.5
BW (MHz)	Modulation	Channel		630500	633334	636166	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3457.5	3500.01	3542.49		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	16.42	16.46	16.43	0	17.5
	QPSK	1	#1	16.52	16.57	16.53	0	17.5
		1	#Mid	16.43	16.46	16.42	0	17.5
		1	#Max	16.31	16.33	16.30	0	17.5
		50%	#0	16.30	16.36	16.33	0	17.5
		50%	#Mid	16.41	16.43	16.40	0	17.5
		50%	#Max	16.20	16.25	16.23	0	17.5
		100%	--	16.31	16.34	16.33	0	17.5
		16QAM	1	#1	16.32	16.35	16.33	0
	64QAM	1	#1	16.20	16.23	16.21	0	17.5
	256QAM	1	#1	16.11	16.15	16.13	0	17.5
	CP-OFDM QPSK	1	#1	16.21	16.23	16.20	0	17.5

BW (MHz)	Modulation	Channel		630334	633334	636332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3455.01	3500.01	3544.98		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	16.41	16.45	16.44	0	17.5
	QPSK	1	#1	16.54	16.58	16.55	0	17.5
		1	#Mid	16.44	16.48	16.45	0	17.5
		1	#Max	16.35	16.38	16.36	0	17.5
		50%	#0	16.31	16.35	16.32	0	17.5
		50%	#Mid	16.41	16.45	16.44	0	17.5
		50%	#Max	16.21	16.25	16.24	0	17.5
		100%	--	16.32	16.37	16.35	0	17.5
	16QAM	1	#1	16.23	16.28	16.25	0	17.5
	64QAM	1	#1	16.13	16.18	16.14	0	17.5
	256QAM	1	#1	16.02	16.07	16.05	0	17.5
	CP-OFDM QPSK	1	#1	16.14	16.18	16.15	0	17.5

NR n77				Ant 2/Ant3				
BW (MHz)	Modulation	Channel		650000	656000	662000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3750	3840	3930		
		RB No.	RB Offset	Measured Power (dBm)				
100M	PI/2 BPSK	1	#1	17.25	17.26	17.24	0	17.5
	QPSK	1	#1	17.36	17.37	17.35	0	17.5
		1	#Mid	17.24	17.28	17.25	0	17.5
		1	#Max	17.14	17.17	17.15	0	17.5
		50%	#0	17.12	17.15	17.14	0	17.5
		50%	#Mid	17.24	17.25	17.21	0	17.5
		50%	#Max	17.04	17.08	17.05	0	17.5
		100%	--	17.15	17.19	17.18	0	17.5
	16QAM	1	#1	17.14	17.18	17.15	0	17.5
	64QAM	1	#1	17.02	17.07	17.05	0	17.5
	256QAM	1	#1	16.95	16.95	16.94	0	17.5
	CP-OFDM QPSK	1	#1	17.05	17.08	17.07	0	17.5
BW (MHz)	Modulation	Channel		649668	656000	662332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3745.02	3840	3934.98		
		RB No.	RB Offset	Measured Power (dBm)				
90M	PI/2 BPSK	1	#1	17.13	17.15	17.14	0	17.5
	QPSK	1	#1	17.22	17.16	17.15	0	17.5
		1	#Mid	17.14	17.18	17.15	0	17.5
		1	#Max	17.06	17.07	17.04	0	17.5
		50%	#0	17.01	17.08	17.05	0	17.5
		50%	#Mid	17.11	17.15	17.14	0	17.5
		50%	#Max	17.04	17.06	17.02	0	17.5
		100%	--	17.01	17.05	17.04	0	17.5
	16QAM	1	#1	16.94	16.96	16.95	0	17.5
	64QAM	1	#1	16.82	16.89	16.85	0	17.5
	256QAM	1	#1	16.72	16.78	16.75	0	17.5
	CP-OFDM QPSK	1	#1	16.82	16.85	16.84	0	17.5

BW (MHz)	Modulation	Channel		649334	656000	662666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3740.01	3840	3939.99		
		RB No.	RB Offset	Measured Power (dBm)				
80M	PI/2 BPSK	1	#1	17.11	17.15	17.12	0	17.5
	QPSK	1	#1	17.24	17.28	17.25	0	17.5
		1	#Mid	17.12	17.18	17.15	0	17.5
		1	#Max	17.05	17.08	17.05	0	17.5
		50%	#0	17.04	17.07	17.06	0	17.5
		50%	#Mid	17.05	17.17	17.15	0	17.5
		50%	#Max	16.93	16.97	16.94	0	17.5
		100%	--	17.03	17.06	17.05	0	17.5
	16QAM	1	#1	17.01	17.08	17.04	0	17.5
	64QAM	1	#1	16.92	16.95	16.94	0	17.5
	256QAM	1	#1	16.85	16.88	16.87	0	17.5
	CP-OFDM QPSK	1	#1	16.95	16.96	16.95	0	17.5
BW (MHz)	Modulation	Channel		649000	656000	663000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3735	3840	3945		
		RB No.	RB Offset	Measured Power (dBm)				
70M	PI/2 BPSK	1	#1	16.41	16.46	16.42	0	17.5
	QPSK	1	#1	16.55	16.58	16.55	0	17.5
		1	#Mid	16.41	16.45	16.42	0	17.5
		1	#Max	16.32	16.38	16.35	0	17.5
		50%	#0	16.31	16.34	16.33	0	17.5
		50%	#Mid	16.42	16.47	16.45	0	17.5
		50%	#Max	16.22	16.25	16.21	0	17.5
		100%	--	16.31	16.34	16.32	0	17.5
	16QAM	1	#1	16.31	16.35	16.32	0	17.5
	64QAM	1	#1	16.23	16.24	16.21	0	17.5
	256QAM	1	#1	16.13	16.15	16.12	0	17.5
	CP-OFDM QPSK	1	#1	16.22	16.24	16.21	0	17.5

BW (MHz)	Modulation	Channel		648668	656000	663332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3730.02	3840	3949.98		
		RB No.	RB Offset	Measured Power (dBm)				
60M	PI/2 BPSK	1	#1	16.98	16.99	16.95	0	17.5
	QPSK	1	#1	17.03	17.07	17.05	0	17.5
		1	#Mid	16.94	16.97	16.95	0	17.5
		1	#Max	16.84	16.87	16.85	0	17.5
		50%	#0	16.82	16.85	16.84	0	17.5
		50%	#Mid	16.91	16.95	16.94	0	17.5
		50%	#Max	16.73	16.75	16.72	0	17.5
		100%	--	16.84	16.88	16.85	0	17.5
	16QAM	1	#1	16.82	16.85	16.83	0	17.5
	64QAM	1	#1	16.71	16.75	16.74	0	17.5
	256QAM	1	#1	16.62	16.68	16.65	0	17.5
	CP-OFDM QPSK	1	#1	16.73	16.74	16.73	0	17.5
BW (MHz)	Modulation	Channel		648334	656000	663666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3725.01	3840	3954.99		
		RB No.	RB Offset	Measured Power (dBm)				
50M	PI/2 BPSK	1	#1	16.81	16.85	16.84	0	17.5
	QPSK	1	#1	16.90	16.95	16.92	0	17.5
		1	#Mid	16.82	16.85	16.84	0	17.5
		1	#Max	16.73	16.75	16.74	0	17.5
		50%	#0	16.84	16.88	16.85	0	17.5
		50%	#Mid	16.73	16.78	16.74	0	17.5
		50%	#Max	16.62	16.68	16.65	0	17.5
		100%	--	16.73	16.78	16.75	0	17.5
	16QAM	1	#1	16.72	16.74	16.73	0	17.5
	64QAM	1	#1	16.64	16.67	16.65	0	17.5
	256QAM	1	#1	16.51	16.55	16.52	0	17.5
	CP-OFDM QPSK	1	#1	16.64	16.68	16.65	0	17.5

BW (MHz)	Modulation	Channel		648000	656000	664000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3720	3840	3960		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	16.73	16.75	16.74	0	17.5
	QPSK	1	#1	16.83	16.85	16.82	0	17.5
		1	#Mid	16.62	16.65	16.64	0	17.5
		1	#Max	16.53	16.55	16.52	0	17.5
		50%	#0	16.61	16.67	16.66	0	17.5
		50%	#Mid	16.74	16.77	16.75	0	17.5
		50%	#Max	16.55	16.57	16.52	0	17.5
		100%	--	16.61	16.65	16.64	0	17.5
	16QAM	1	#1	16.65	16.69	16.68	0	17.5
	64QAM	1	#1	16.55	16.58	16.53	0	17.5
	256QAM	1	#1	16.44	16.47	16.45	0	17.5
	CP-OFDM QPSK	1	#1	16.55	16.57	16.52	0	17.5
BW (MHz)	Modulation	Channel		647668	656000	664332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3715.02	3840	3965		
		RB No.	RB Offset	Measured Power (dBm)				
30M	PI/2 BPSK	1	#1	16.63	16.69	16.65	0	17.5
	QPSK	1	#1	16.74	16.78	16.75	0	17.5
		1	#Mid	16.62	16.68	16.63	0	17.5
		1	#Max	16.54	16.58	16.57	0	17.5
		50%	#0	16.53	16.59	16.52	0	17.5
		50%	#Mid	16.64	16.69	16.65	0	17.5
		50%	#Max	16.44	16.49	16.45	0	17.5
		100%	--	16.52	16.57	16.55	0	17.5
	16QAM	1	#1	16.51	16.55	16.54	0	17.5
	64QAM	1	#1	16.44	16.48	16.43	0	17.5
	256QAM	1	#1	16.32	16.38	16.35	0	17.5
	CP-OFDM QPSK	1	#1	16.43	16.48	16.45	0	17.5

BW (MHz)	Modulation	Channel		647334	656000	664666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3710.01	3840	3969.99		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	16.64	16.68	16.65	0	17.5
	QPSK	1	#1	16.73	16.78	16.75	0	17.5
		1	#Mid	16.62	16.68	16.65	0	17.5
		1	#Max	16.52	16.58	16.54	0	17.5
		50%	#0	16.52	16.56	16.54	0	17.5
		50%	#Mid	16.63	16.66	16.64	0	17.5
		50%	#Max	16.43	16.46	16.45	0	17.5
		100%	--	16.64	16.65	16.62	0	17.5
	16QAM	1	#1	16.61	16.64	16.63	0	17.5
	64QAM	1	#1	16.54	16.57	16.55	0	17.5
	256QAM	1	#1	16.42	16.45	16.44	0	17.5
	CP-OFDM QPSK	1	#1	16.52	16.56	16.55	0	17.5
BW (MHz)	Modulation	Channel		647168	656000	664832	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3707.52	3840	3972.48		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	16.54	16.58	16.55	0	17.5
	QPSK	1	#1	16.64	16.69	16.65	0	17.5
		1	#Mid	16.55	16.58	16.54	0	17.5
		1	#Max	16.43	16.45	16.42	0	17.5
		50%	#0	16.42	16.48	16.45	0	17.5
		50%	#Mid	16.53	16.55	16.52	0	17.5
		50%	#Max	16.32	16.37	16.35	0	17.5
		100%	--	16.43	16.46	16.45	0	17.5
	16QAM	1	#1	16.44	16.47	16.45	0	17.5
	64QAM	1	#1	16.32	16.35	16.33	0	17.5
	256QAM	1	#1	16.23	16.27	16.25	0	17.5
	CP-OFDM QPSK	1	#1	16.33	16.35	16.32	0	17.5

BW (MHz)	Modulation	Channel		647000	656000	665000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3705	3840	3975		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	16.41	16.45	16.44	0	17.5
	QPSK	1	#1	16.54	16.58	16.55	0	17.5
		1	#Mid	16.44	16.48	16.45	0	17.5
		1	#Max	16.35	16.38	16.36	0	17.5
		50%	#0	16.31	16.35	16.32	0	17.5
		50%	#Mid	16.41	16.45	16.44	0	17.5
		50%	#Max	16.21	16.25	16.24	0	17.5
		100%	--	16.32	16.37	16.35	0	17.5
	16QAM	1	#1	16.23	16.28	16.25	0	17.5
	64QAM	1	#1	16.13	16.18	16.14	0	17.5
	256QAM	1	#1	16.02	16.07	16.05	0	17.5
	CP-OFDM QPSK	1	#1	16.14	16.18	16.15	0	17.5

NR n77_HPUE				Ant 2/Ant3				
BW (MHz)	Modulation	Channel			633334		MPR	Tune-up Limit (dBm)
		Frequency (MHz)			3500.01			
		RB No.	RB Offset	Measured Power (dBm)				
100M	PI/2 BPSK	1	#1		17.14		0	17.5
	QPSK	1	#1		17.23		0	17.5
		1	#Mid		17.21		0	17.5
		1	#Max		17.02		0	17.5
		50%	#0		17.02		0	17.5
		50%	#Mid		17.15		0	17.5
		50%	#Max		16.89		0	17.5
		100%	--		17.05		0	17.5
	16QAM	1	#1		17.12		0	17.5
	64QAM	1	#1		17.01		0	17.5
	256QAM	1	#1		16.80		0	17.5
	CP-OFDM QPSK	1	#1		16.91		0	17.5
BW (MHz)	Modulation	Channel		633000	633334	633666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3495	3500.01	3504.99		
		RB No.	RB Offset	Measured Power (dBm)				
90M	PI/2 BPSK	1	#1	16.95	16.95	17.08	0	17.5
	QPSK	1	#1	17.17	17.09	16.95	0	17.5
		1	#Mid	17.10	17.10	17.07	0	17.5
		1	#Max	16.95	16.98	16.82	0	17.5
		50%	#0	16.81	16.94	16.95	0	17.5
		50%	#Mid	17.03	16.96	16.97	0	17.5
		50%	#Max	16.90	17.03	16.99	0	17.5
		100%	--	16.79	16.90	16.94	0	17.5
	16QAM	1	#1	16.77	16.86	16.91	0	17.5
	64QAM	1	#1	16.65	16.74	16.78	0	17.5
	256QAM	1	#1	16.53	16.74	16.71	0	17.5
	CP-OFDM QPSK	1	#1	16.74	16.82	16.74	0	17.5

BW (MHz)	Modulation	Channel		6326668	633334	634000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3490.02	3500.01	3510		
		RB No.	RB Offset	Measured Power (dBm)				
80M	PI/2 BPSK	1	#1	17.06	17.10	17.01	0	17.5
	QPSK	1	#1	17.11	17.15	17.23	0	17.5
		1	#Mid	16.90	17.05	16.97	0	17.5
		1	#Max	16.92	16.87	16.98	0	17.5
		50%	#0	16.86	16.91	16.91	0	17.5
		50%	#Mid	16.85	16.96	16.97	0	17.5
		50%	#Max	16.80	16.90	16.82	0	17.5
		100%	--	16.90	16.93	17.03	0	17.5
	16QAM	1	#1	16.83	16.95	16.88	0	17.5
	64QAM	1	#1	16.88	16.88	16.91	0	17.5
	256QAM	1	#1	16.63	16.70	16.73	0	17.5
	CP-OFDM QPSK	1	#1	16.90	16.83	16.75	0	17.5
BW (MHz)	Modulation	Channel		632334	633334	634332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3485.01	3500.01	3514.98		
		RB No.	RB Offset	Measured Power (dBm)				
70M	PI/2 BPSK	1	#1	16.36	16.35	16.34	0	17.5
	QPSK	1	#1	16.38	16.46	16.37	0	17.5
		1	#Mid	16.20	16.27	16.22	0	17.5
		1	#Max	16.21	16.30	16.13	0	17.5
		50%	#0	16.29	16.16	16.25	0	17.5
		50%	#Mid	16.27	16.35	16.40	0	17.5
		50%	#Max	16.20	16.21	16.16	0	17.5
		100%	--	16.22	16.13	16.27	0	17.5
	16QAM	1	#1	16.09	16.14	16.11	0	17.5
	64QAM	1	#1	16.04	16.08	16.16	0	17.5
	256QAM	1	#1	16.07	16.01	15.97	0	17.5
	CP-OFDM QPSK	1	#1	16.12	16.21	16.13	0	17.5

BW (MHz)	Modulation	Channel		632000	633334	634666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3480	3500.01	3519.99		
		RB No.	RB Offset	Measured Power (dBm)				
60M	PI/2 BPSK	1	#1	16.93	16.92	16.74	0	17.5
	QPSK	1	#1	16.93	16.96	16.93	0	17.5
		1	#Mid	16.86	16.91	16.75	0	17.5
		1	#Max	16.79	16.78	16.71	0	17.5
		50%	#0	16.80	16.81	16.75	0	17.5
		50%	#Mid	16.81	16.87	16.73	0	17.5
		50%	#Max	16.65	16.69	16.58	0	17.5
		100%	--	16.63	16.76	16.75	0	17.5
	16QAM	1	#1	16.80	16.74	16.80	0	17.5
	64QAM	1	#1	16.69	16.70	16.54	0	17.5
	256QAM	1	#1	16.57	16.54	16.63	0	17.5
	CP-OFDM QPSK	1	#1	16.66	16.70	16.58	0	17.5
BW (MHz)	Modulation	Channel		631668	633334	635000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3475.02	3500.01	3525		
		RB No.	RB Offset	Measured Power (dBm)				
50M	PI/2 BPSK	1	#1	16.59	16.83	16.81	0	17.5
	QPSK	1	#1	16.86	16.84	16.84	0	17.5
		1	#Mid	16.66	16.73	16.77	0	17.5
		1	#Max	16.61	16.61	16.58	0	17.5
		50%	#0	16.80	16.83	16.63	0	17.5
		50%	#Mid	16.64	16.70	16.58	0	17.5
		50%	#Max	16.54	16.63	16.49	0	17.5
		100%	--	16.57	16.75	16.54	0	17.5
	16QAM	1	#1	16.66	16.69	16.62	0	17.5
	64QAM	1	#1	16.60	16.57	16.57	0	17.5
	256QAM	1	#1	16.47	16.36	16.41	0	17.5
	CP-OFDM QPSK	1	#1	16.55	16.55	16.52	0	17.5

BW (MHz)	Modulation	Channel		631334	633334	635332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3470.01	3500.01	3529.98		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	16.51	16.62	16.66	0	17.5
	QPSK	1	#1	16.81	16.69	16.61	0	17.5
		1	#Mid	16.55	16.54	16.45	0	17.5
		1	#Max	16.45	16.38	16.38	0	17.5
		50%	#0	16.40	16.52	16.57	0	17.5
		50%	#Mid	16.57	16.60	16.57	0	17.5
		50%	#Max	16.34	16.45	16.37	0	17.5
		100%	--	16.44	16.43	16.60	0	17.5
	16QAM	1	#1	16.55	16.47	16.61	0	17.5
	64QAM	1	#1	16.48	16.36	16.44	0	17.5
	256QAM	1	#1	16.33	16.39	16.36	0	17.5
	CP-OFDM QPSK	1	#1	16.49	16.36	16.41	0	17.5
BW (MHz)	Modulation	Channel		631000	633334	635666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3465	3500.01	3534.99		
		RB No.	RB Offset	Measured Power (dBm)				
30M	PI/2 BPSK	1	#1	16.53	16.50	16.58	0	17.5
	QPSK	1	#1	16.65	16.73	16.68	0	17.5
		1	#Mid	16.57	16.50	16.60	0	17.5
		1	#Max	16.41	16.36	16.52	0	17.5
		50%	#0	16.32	16.44	16.50	0	17.5
		50%	#Mid	16.46	16.51	16.46	0	17.5
		50%	#Max	16.38	16.32	16.43	0	17.5
		100%	--	16.32	16.55	16.47	0	17.5
	16QAM	1	#1	16.36	16.45	16.43	0	17.5
	64QAM	1	#1	16.34	16.42	16.29	0	17.5
	256QAM	1	#1	16.23	16.29	16.13	0	17.5
	CP-OFDM QPSK	1	#1	16.26	16.38	16.24	0	17.5

BW (MHz)	Modulation	Channel		630668	633334	636000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3460.02	3500.01	3540		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	16.43	16.62	16.45	0	17.5
	QPSK	1	#1	16.69	16.58	16.68	0	17.5
		1	#Mid	16.49	16.60	16.63	0	17.5
		1	#Max	16.46	16.50	16.45	0	17.5
		50%	#0	16.36	16.47	16.51	0	17.5
		50%	#Mid	16.56	16.63	16.52	0	17.5
		50%	#Max	16.23	16.31	16.29	0	17.5
		100%	--	16.55	16.62	16.45	0	17.5
		16QAM	1	#1	16.50	16.53	16.56	0
	64QAM	1	#1	16.48	16.54	16.33	0	17.5
	256QAM	1	#1	16.29	16.29	16.41	0	17.5
	CP-OFDM QPSK	1	#1	16.50	16.44	16.43	0	17.5
BW (MHz)	Modulation	Channel		630500	633334	636166	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3457.5	3500.01	3542.49		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	16.52	16.65	16.55	0	17.5
	QPSK	1	#1	16.76	16.65	16.77	0	17.5
		1	#Mid	16.58	16.67	16.70	0	17.5
		1	#Max	16.56	16.47	16.40	0	17.5
		50%	#0	16.33	16.39	16.60	0	17.5
		50%	#Mid	16.57	16.61	16.54	0	17.5
		50%	#Max	16.17	16.29	16.32	0	17.5
		100%	--	16.49	16.64	16.38	0	17.5
		16QAM	1	#1	16.40	16.56	16.64	0
	64QAM	1	#1	16.42	16.61	16.37	0	17.5
	256QAM	1	#1	16.26	16.27	16.46	0	17.5
	CP-OFDM QPSK	1	#1	16.59	16.41	16.35	0	17.5

BW (MHz)	Modulation	Channel		630334	633334	636332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3455.01	3500.01	3544.98		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	16.52	16.65	16.55	0	17.5
	QPSK	1	#1	16.76	16.65	16.77	0	17.5
		1	#Mid	16.58	16.67	16.70	0	17.5
		1	#Max	16.56	16.47	16.40	0	17.5
		50%	#0	16.33	16.39	16.60	0	17.5
		50%	#Mid	16.57	16.61	16.54	0	17.5
		50%	#Max	16.17	16.29	16.32	0	17.5
		100%	--	16.49	16.64	16.38	0	17.5
	16QAM	1	#1	16.40	16.56	16.64	0	17.5
	64QAM	1	#1	16.42	16.61	16.37	0	17.5
	256QAM	1	#1	16.26	16.27	16.46	0	17.5
	CP-OFDM QPSK	1	#1	16.59	16.41	16.35	0	17.5

NR n77_HPUE				Ant 2/Ant3				
BW (MHz)	Modulation	Channel		650000	656000	662000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3750	3840	3930		
		RB No.	RB Offset	Measured Power (dBm)				
100M	PI/2 BPSK	1	#1	17.19	16.97	17.12	0	17.5
	QPSK	1	#1	17.36	17.34	17.35	0	17.5
		1	#Mid	17.13	17.13	16.99	0	17.5
		1	#Max	16.92	17.09	16.99	0	17.5
		50%	#0	16.85	16.99	17.08	0	17.5
		50%	#Mid	17.06	17.21	17.02	0	17.5
		50%	#Max	16.99	17.00	16.97	0	17.5
		100%	--	17.10	17.13	17.14	0	17.5
	16QAM	1	#1	17.05	17.10	17.13	0	17.5
	64QAM	1	#1	16.96	17.03	17.01	0	17.5
	256QAM	1	#1	16.91	16.93	16.89	0	17.5
	CP-OFDM QPSK	1	#1	17.02	17.03	17.05	0	17.5
BW (MHz)	Modulation	Channel		649668	656000	662332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3745.02	3840	3934.98		
		RB No.	RB Offset	Measured Power (dBm)				
90M	PI/2 BPSK	1	#1	17.11	17.14	17.07	0	17.5
	QPSK	1	#1	17.18	17.13	17.14	0	17.5
		1	#Mid	17.08	17.10	17.13	0	17.5
		1	#Max	16.96	17.00	16.97	0	17.5
		50%	#0	16.97	17.04	16.97	0	17.5
		50%	#Mid	17.02	17.14	17.10	0	17.5
		50%	#Max	17.00	17.05	16.97	0	17.5
		100%	--	17.00	17.02	16.99	0	17.5
	16QAM	1	#1	16.94	16.94	16.88	0	17.5
	64QAM	1	#1	16.82	16.86	16.79	0	17.5
	256QAM	1	#1	16.72	16.70	16.72	0	17.5
	CP-OFDM QPSK	1	#1	16.79	16.84	16.77	0	17.5

BW (MHz)	Modulation	Channel		649334	656000	662666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3740.01	3840	3939.99		
		RB No.	RB Offset	Measured Power (dBm)				
80M	PI/2 BPSK	1	#1	17.08	17.05	17.04	0	17.5
	QPSK	1	#1	17.15	17.21	17.23	0	17.5
		1	#Mid	17.11	17.09	17.05	0	17.5
		1	#Max	17.04	17.00	17.01	0	17.5
		50%	#0	16.96	16.97	16.96	0	17.5
		50%	#Mid	17.02	17.10	17.10	0	17.5
		50%	#Max	16.92	16.96	16.88	0	17.5
		100%	--	16.93	17.04	16.95	0	17.5
	16QAM	1	#1	16.93	16.98	16.96	0	17.5
	64QAM	1	#1	16.92	16.92	16.84	0	17.5
	256QAM	1	#1	16.85	16.84	16.79	0	17.5
	CP-OFDM QPSK	1	#1	16.95	16.89	16.86	0	17.5
BW (MHz)	Modulation	Channel		649000	656000	663000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3735	3840	3945		
		RB No.	RB Offset	Measured Power (dBm)				
70M	PI/2 BPSK	1	#1	16.35	16.44	16.42	0	17.5
	QPSK	1	#1	16.47	16.58	16.55	0	17.5
		1	#Mid	16.31	16.41	16.34	0	17.5
		1	#Max	16.23	16.38	16.27	0	17.5
		50%	#0	16.28	16.27	16.28	0	17.5
		50%	#Mid	16.34	16.39	16.42	0	17.5
		50%	#Max	16.20	16.23	16.20	0	17.5
		100%	--	16.23	16.29	16.22	0	17.5
	16QAM	1	#1	16.23	16.30	16.25	0	17.5
	64QAM	1	#1	16.15	16.14	16.16	0	17.5
	256QAM	1	#1	16.05	16.10	16.05	0	17.5
	CP-OFDM QPSK	1	#1	16.21	16.19	16.17	0	17.5

BW (MHz)	Modulation	Channel		648668	656000	663332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3730.02	3840	3949.98		
		RB No.	RB Offset	Measured Power (dBm)				
60M	PI/2 BPSK	1	#1	16.92	16.95	16.86	0	17.5
	QPSK	1	#1	17.01	17.02	16.95	0	17.5
		1	#Mid	16.93	16.89	16.95	0	17.5
		1	#Max	16.76	16.87	16.85	0	17.5
		50%	#0	16.79	16.78	16.82	0	17.5
		50%	#Mid	16.88	16.89	16.88	0	17.5
		50%	#Max	16.67	16.72	16.63	0	17.5
		100%	--	16.77	16.85	16.81	0	17.5
	16QAM	1	#1	16.72	16.84	16.78	0	17.5
	64QAM	1	#1	16.67	16.65	16.65	0	17.5
	256QAM	1	#1	16.60	16.68	16.57	0	17.5
	CP-OFDM QPSK	1	#1	16.63	16.65	16.69	0	17.5
BW (MHz)	Modulation	Channel		648334	656000	663666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3725.01	3840	3954.99		
		RB No.	RB Offset	Measured Power (dBm)				
50M	PI/2 BPSK	1	#1	16.71	16.79	16.83	0	17.5
	QPSK	1	#1	16.80	16.90	16.91	0	17.5
		1	#Mid	16.73	16.84	16.78	0	17.5
		1	#Max	16.64	16.70	16.66	0	17.5
		50%	#0	16.79	16.83	16.83	0	17.5
		50%	#Mid	16.65	16.73	16.67	0	17.5
		50%	#Max	16.62	16.62	16.64	0	17.5
		100%	--	16.66	16.76	16.73	0	17.5
	16QAM	1	#1	16.71	16.66	16.72	0	17.5
	64QAM	1	#1	16.54	16.63	16.63	0	17.5
	256QAM	1	#1	16.42	16.49	16.44	0	17.5
	CP-OFDM QPSK	1	#1	16.61	16.64	16.60	0	17.5

BW (MHz)	Modulation	Channel		648000	656000	664000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3720	3840	3960		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	16.65	16.66	16.66	0	17.5
	QPSK	1	#1	16.79	16.78	16.81	0	17.5
		1	#Mid	16.58	16.65	16.61	0	17.5
		1	#Max	16.44	16.49	16.49	0	17.5
		50%	#0	16.58	16.65	16.57	0	17.5
		50%	#Mid	16.73	16.76	16.65	0	17.5
		50%	#Max	16.45	16.53	16.43	0	17.5
		100%	--	16.58	16.63	16.55	0	17.5
		16QAM	1	#1	16.63	16.61	16.63	0
	64QAM	1	#1	16.47	16.56	16.50	0	17.5
	256QAM	1	#1	16.41	16.43	16.41	0	17.5
	CP-OFDM QPSK	1	#1	16.48	16.51	16.47	0	17.5
BW (MHz)	Modulation	Channel		647668	656000	664332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3715.02	3840	3965		
		RB No.	RB Offset	Measured Power (dBm)				
30M	PI/2 BPSK	1	#1	16.55	16.64	16.61	0	17.5
	QPSK	1	#1	16.67	16.68	16.65	0	17.5
		1	#Mid	16.59	16.58	16.63	0	17.5
		1	#Max	16.44	16.55	16.48	0	17.5
		50%	#0	16.49	16.56	16.47	0	17.5
		50%	#Mid	16.54	16.68	16.61	0	17.5
		50%	#Max	16.39	16.46	16.42	0	17.5
		100%	--	16.44	16.48	16.53	0	17.5
		16QAM	1	#1	16.51	16.47	16.45	0
	64QAM	1	#1	16.35	16.40	16.42	0	17.5
	256QAM	1	#1	16.23	16.38	16.30	0	17.5
	CP-OFDM QPSK	1	#1	16.36	16.40	16.35	0	17.5

BW (MHz)	Modulation	Channel		647334	656000	664666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3710.01	3840	3969.99		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	16.55	16.62	16.64	0	17.5
	QPSK	1	#1	16.65	16.78	16.65	0	17.5
		1	#Mid	16.61	16.67	16.64	0	17.5
		1	#Max	16.44	16.56	16.54	0	17.5
		50%	#0	16.51	16.52	16.51	0	17.5
		50%	#Mid	16.53	16.66	16.64	0	17.5
		50%	#Max	16.35	16.43	16.37	0	17.5
		100%	--	16.57	16.60	16.59	0	17.5
	16QAM	1	#1	16.55	16.61	16.59	0	17.5
	64QAM	1	#1	16.53	16.57	16.50	0	17.5
	256QAM	1	#1	16.41	16.44	16.42	0	17.5
	CP-OFDM QPSK	1	#1	16.43	16.47	16.46	0	17.5
BW (MHz)	Modulation	Channel		647168	656000	664832	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3707.52	3840	3972.48		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	16.47	16.50	16.54	0	17.5
	QPSK	1	#1	16.62	16.63	16.65	0	17.5
		1	#Mid	16.55	16.48	16.44	0	17.5
		1	#Max	16.34	16.43	16.36	0	17.5
		50%	#0	16.36	16.42	16.44	0	17.5
		50%	#Mid	16.49	16.52	16.49	0	17.5
		50%	#Max	16.28	16.33	16.33	0	17.5
		100%	--	16.39	16.46	16.37	0	17.5
	16QAM	1	#1	16.38	16.39	16.36	0	17.5
	64QAM	1	#1	16.32	16.30	16.29	0	17.5
	256QAM	1	#1	16.16	16.21	16.18	0	17.5
	CP-OFDM QPSK	1	#1	16.33	16.27	16.22	0	17.5

BW (MHz)	Modulation	Channel		647000	656000	665000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3705	3840	3975		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	16.41	16.36	16.39	0	17.5
	QPSK	1	#1	16.48	16.58	16.53	0	17.5
		1	#Mid	16.34	16.38	16.42	0	17.5
		1	#Max	16.34	16.34	16.27	0	17.5
		50%	#0	16.27	16.29	16.24	0	17.5
		50%	#Mid	16.31	16.41	16.40	0	17.5
		50%	#Max	16.14	16.21	16.18	0	17.5
		100%	--	16.32	16.28	16.31	0	17.5
	16QAM	1	#1	16.21	16.27	16.19	0	17.5
	64QAM	1	#1	16.03	16.15	16.14	0	17.5
	256QAM	1	#1	15.93	15.98	16.02	0	17.5
	CP-OFDM QPSK	1	#1	16.08	16.18	16.10	0	17.5

NR n78				Ant 2/Ant 3				
BW (MHz)	Modulation	Channel		--	633334	--	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		--	3500.01	--		
		RB No.	RB Offset	Measured Power (dBm)				
100M	PI/2 BPSK	1	#1	--	17.21	--	0	18
	QPSK	1	#1	--	17.35	--	0	18
		1	#Mid	--	17.25	--	0	18
		1	#Max	--	17.15	--	0	18
		50%	#0	--	17.14	--	0.5	17.5
		50%	#Mid	--	17.24	--	0.5	17.5
		50%	#Max	--	17.04	--	0.5	17.5
		100%	--	--	17.14	--	0.5	17.5
	16QAM	1	#1	--	17.05	--	0.5	17.5
	64QAM	1	#1	--	16.95	--	0.5	17.5
	256QAM	1	#1	--	16.84	--	1	17
	CP-OFDM QPSK	1	#1	--	16.94	--	0.5	18
BW (MHz)	Modulation	Channel		633000	633334	633666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3495	3500.01	3504.99		
		RB No.	RB Offset	Measured Power (dBm)				
90M	PI/2 BPSK	1	#1	17.09	17.13	17.11	0	18
	QPSK	1	#1	17.21	17.23	17.22	0	18
		1	#Mid	17.01	17.03	17.00	0	18
		1	#Max	16.91	16.93	16.88	0	18
		50%	#0	17.02	17.04	17.03	0.5	17.5
		50%	#Mid	17.07	17.14	17.12	0.5	17.5
		50%	#Max	16.91	16.94	16.93	0.5	17.5
		100%	--	16.99	17.01	17.00	0.5	17.5
	16QAM	1	#1	16.89	16.94	16.91	0.5	17.5
	64QAM	1	#1	16.90	16.93	16.92	0.5	17.5
	256QAM	1	#1	16.77	16.82	16.78	1	17
	CP-OFDM QPSK	1	#1	16.78	16.84	16.83	0.5	18

BW (MHz)	Modulation	Channel		632668	633334	634000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3490.02	3500.01	3510		
		RB No.	RB Offset	Measured Power (dBm)				
80M	PI/2 BPSK	1	#1	17.03	17.05	17.04	0	18
	QPSK	1	#1	17.10	17.13	17.11	0	18
		1	#Mid	16.98	17.03	17.01	0	18
		1	#Max	16.90	16.93	16.91	0	18
		50%	#0	16.91	16.94	16.92	0.5	17.5
		50%	#Mid	16.97	17.04	17.02	0.5	17.5
		50%	#Max	16.78	16.84	16.81	0.5	17.5
		100%	--	16.87	16.94	16.91	0.5	17.5
	16QAM	1	#1	16.79	16.83	16.81	0.5	17.5
	64QAM	1	#1	16.70	16.72	16.71	0.5	17.5
	256QAM	1	#1	16.60	16.62	16.58	1	17
	CP-OFDM QPSK	1	#1	16.68	16.73	16.71	0.5	18
BW (MHz)	Modulation	Channel		632334	633334	634332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3485.01	3500.01	3514.98		
		RB No.	RB Offset	Measured Power (dBm)				
70M	PI/2 BPSK	1	#1	16.27	16.33	16.31	0	18
	QPSK	1	#1	16.39	16.44	16.38	0	18
		1	#Mid	16.28	16.33	16.31	0	18
		1	#Max	16.20	16.24	16.21	0	18
		50%	#0	16.17	16.21	16.18	0.5	17.5
		50%	#Mid	16.30	16.31	16.28	0.5	17.5
		50%	#Max	16.06	16.10	16.07	0.5	17.5
		100%	--	16.17	16.21	16.18	0.5	17.5
	16QAM	1	#1	16.19	16.24	16.18	0.5	17.5
	64QAM	1	#1	16.06	16.11	16.07	0.5	17.5
	256QAM	1	#1	15.97	16.04	16.01	1	17
	CP-OFDM QPSK	1	#1	16.08	16.11	16.07	0.5	18

BW (MHz)	Modulation	Channel		632000	633334	634666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3480	3500.01	3519.99		
		RB No.	RB Offset	Measured Power (dBm)				
60M	PI/2 BPSK	1	#1	16.87	16.93	16.90	0	18
	QPSK	1	#1	16.97	17.04	17.02	0	18
		1	#Mid	16.91	16.93	16.88	0	18
		1	#Max	16.80	16.81	16.78	0	18
		50%	#0	16.78	16.84	16.81	0.5	17.5
		50%	#Mid	16.91	16.92	16.88	0.5	17.5
		50%	#Max	16.68	16.74	16.71	0.5	17.5
		100%	--	16.77	16.80	16.78	0.5	17.5
	16QAM	1	#1	16.68	16.70	16.69	0.5	17.5
	64QAM	1	#1	16.58	16.62	16.61	0.5	17.5
	256QAM	1	#1	16.46	16.51	16.50	1	17
	CP-OFDM QPSK	1	#1	16.57	16.61	16.60	0.5	18
BW (MHz)	Modulation	Channel		631668	633334	635000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3475.02	3500.01	3525		
		RB No.	RB Offset	Measured Power (dBm)				
50M	PI/2 BPSK	1	#1	16.80	16.83	16.81	0	18
	QPSK	1	#1	16.87	16.94	16.91	0	18
		1	#Mid	16.78	16.84	16.81	0	18
		1	#Max	16.69	16.73	16.71	0	18
		50%	#0	16.68	16.74	16.71	0.5	17.5
		50%	#Mid	16.78	16.83	16.81	0.5	17.5
		50%	#Max	16.60	16.62	16.61	0.5	17.5
		100%	--	16.68	16.73	16.71	0.5	17.5
	16QAM	1	#1	16.69	16.70	16.67	0.5	17.5
	64QAM	1	#1	16.60	16.62	16.61	0.5	17.5
	256QAM	1	#1	16.48	16.53	16.51	1	17
	CP-OFDM QPSK	1	#1	16.59	16.60	16.57	0.5	18

BW (MHz)	Modulation	Channel		631334	633334	635332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3470.01	3500.01	3529.98		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	16.70	16.74	16.70	0	18
	QPSK	1	#1	16.80	16.84	16.81	0	18
		1	#Mid	16.68	16.74	16.71	0	18
		1	#Max	16.58	16.64	16.61	0	18
		50%	#0	16.58	16.65	16.61	0.5	17.5
		50%	#Mid	16.71	16.75	16.68	0.5	17.5
		50%	#Max	16.50	16.55	16.51	0.5	17.5
		100%	--	16.57	16.61	16.60	0.5	17.5
	16QAM	1	#1	16.58	16.64	16.61	0.5	17.5
	64QAM	1	#1	16.50	16.53	16.52	0.5	17.5
	256QAM	1	#1	16.39	16.42	16.38	1	17
	CP-OFDM QPSK	1	#1	16.49	16.51	16.50	0.5	18
BW (MHz)	Modulation	Channel		631000	633334	635666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3465	3500.01	3534.99		
		RB No.	RB Offset	Measured Power (dBm)				
30M	PI/2 BPSK	1	#1	16.56	16.60	16.56	0	18
	QPSK	1	#1	16.66	16.70	16.67	0	18
		1	#Mid	16.54	16.60	16.57	0	18
		1	#Max	16.44	16.50	16.47	0	18
		50%	#0	16.44	16.51	16.47	0.5	17.5
		50%	#Mid	16.57	16.61	16.54	0.5	17.5
		50%	#Max	16.36	16.41	16.37	0.5	17.5
		100%	--	16.43	16.47	16.46	0.5	17.5
	16QAM	1	#1	16.44	16.50	16.47	0.5	17.5
	64QAM	1	#1	16.36	16.39	16.38	0.5	17.5
	256QAM	1	#1	16.25	16.28	16.24	1	17
	CP-OFDM QPSK	1	#1	16.35	16.37	16.36	0.5	18

BW (MHz)	Modulation	Channel		630668	633334	636000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3460.02	3500.01	3540		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	16.56	16.60	16.56	0	18
	QPSK	1	#1	16.66	16.70	16.67	0	18
		1	#Mid	16.54	16.60	16.57	0	18
		1	#Max	16.44	16.50	16.47	0	18
		50%	#0	16.44	16.51	16.47	0.5	17.5
		50%	#Mid	16.57	16.61	16.54	0.5	17.5
		50%	#Max	16.36	16.41	16.37	0.5	17.5
		100%	--	16.43	16.47	16.46	0.5	17.5
	16QAM	1	#1	16.44	16.50	16.47	0.5	17.5
	64QAM	1	#1	16.36	16.39	16.38	0.5	17.5
	256QAM	1	#1	16.25	16.28	16.24	1	17
	CP-OFDM QPSK	1	#1	16.35	16.37	16.36	0.5	18
BW (MHz)	Modulation	Channel		630500	633334	636166	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3457.5	3500.01	3542.49		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	16.56	16.60	16.56	0	18
	QPSK	1	#1	16.66	16.70	16.67	0	18
		1	#Mid	16.54	16.60	16.57	0	18
		1	#Max	16.44	16.50	16.47	0	18
		50%	#0	16.44	16.51	16.47	0.5	17.5
		50%	#Mid	16.57	16.61	16.54	0.5	17.5
		50%	#Max	16.36	16.41	16.37	0.5	17.5
		100%	--	16.43	16.47	16.46	0.5	17.5
	16QAM	1	#1	16.44	16.50	16.47	0.5	17.5
	64QAM	1	#1	16.36	16.39	16.38	0.5	17.5
	256QAM	1	#1	16.25	16.28	16.24	1	17
	CP-OFDM QPSK	1	#1	16.35	16.37	16.36	0.5	18

BW (MHz)	Modulation	Channel		630334	633334	636332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3455.01	3500.01	3544.98		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	16.56	16.60	16.56	0	18
	QPSK	1	#1	16.66	16.70	16.67	0	18
		1	#Mid	16.54	16.60	16.57	0	18
		1	#Max	16.44	16.50	16.47	0	18
		50%	#0	16.44	16.51	16.47	0.5	17.5
		50%	#Mid	16.57	16.61	16.54	0.5	17.5
		50%	#Max	16.36	16.41	16.37	0.5	17.5
		100%	--	16.43	16.47	16.46	0.5	17.5
	16QAM	1	#1	16.44	16.50	16.47	0.5	17.5
	64QAM	1	#1	16.36	16.39	16.38	0.5	17.5
	256QAM	1	#1	16.25	16.28	16.24	1	17
	CP-OFDM QPSK	1	#1	16.35	16.37	16.36	0.5	18

NR n78				Ant 2/Ant 3				
BW (MHz)	Modulation	Channel		--	650000	--	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		--	3750	--		
		RB No.	RB Offset	Measured Power (dBm)				
100M	PI/2 BPSK	1	#1	--	17.35	--	0	18
	QPSK	1	#1	--	17.49	--	0	18
		1	#Mid	--	17.39	--	0	18
		1	#Max	--	17.29	--	0	18
		50%	#0	--	17.28	--	0.5	17.5
		50%	#Mid	--	17.38	--	0.5	17.5
		50%	#Max	--	17.18	--	0.5	17.5
		100%	--	--	17.28	--	0.5	17.5
	16QAM	1	#1	--	17.19	--	0.5	17.5
	64QAM	1	#1	--	17.09	--	0.5	17.5
	256QAM	1	#1	--	16.98	--	1	17
	CP-OFDM QPSK	1	#1	--	17.08	--	0.5	18
BW (MHz)	Modulation	Channel		649668	650000	650332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3745.02	3750	3754.98		
		RB No.	RB Offset	Measured Power (dBm)				
90M	PI/2 BPSK	1	#1	17.23	17.27	17.25	0	18
	QPSK	1	#1	17.35	17.37	17.36	0	18
		1	#Mid	17.15	17.17	17.14	0	18
		1	#Max	17.05	17.07	17.02	0	18
		50%	#0	17.16	17.18	17.17	0.5	17.5
		50%	#Mid	17.21	17.28	17.26	0.5	17.5
		50%	#Max	17.05	17.08	17.07	0.5	17.5
		100%	--	17.13	17.15	17.14	0.5	17.5
	16QAM	1	#1	17.03	17.08	17.05	0.5	17.5
	64QAM	1	#1	17.04	17.07	17.06	0.5	17.5
	256QAM	1	#1	16.91	16.96	16.92	1	17
	CP-OFDM QPSK	1	#1	16.92	16.98	16.97	0.5	18

BW (MHz)	Modulation	Channel		649334	650000	650666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3740.01	3750	3759.99		
		RB No.	RB Offset	Measured Power (dBm)				
80M	PI/2 BPSK	1	#1	17.17	17.19	17.18	0	18
	QPSK	1	#1	17.24	17.27	17.25	0	18
		1	#Mid	17.12	17.17	17.15	0	18
		1	#Max	17.04	17.07	17.05	0	18
		50%	#0	17.05	17.08	17.06	0.5	17.5
		50%	#Mid	17.11	17.18	17.16	0.5	17.5
		50%	#Max	16.92	16.98	16.95	0.5	17.5
		100%	--	17.01	17.08	17.05	0.5	17.5
	16QAM	1	#1	16.93	16.97	16.95	0.5	17.5
	64QAM	1	#1	16.84	16.86	16.85	0.5	17.5
	256QAM	1	#1	16.74	16.76	16.72	1	17
	CP-OFDM QPSK	1	#1	16.82	16.87	16.85	0.5	18
BW (MHz)	Modulation	Channel		649000	650000	651000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3735	3750	3765		
		RB No.	RB Offset	Measured Power (dBm)				
70M	PI/2 BPSK	1	#1	16.41	16.47	16.45	0	18
	QPSK	1	#1	16.53	16.58	16.52	0	18
		1	#Mid	16.42	16.47	16.45	0	18
		1	#Max	16.34	16.38	16.35	0	18
		50%	#0	16.31	16.35	16.32	0.5	17.5
		50%	#Mid	16.44	16.45	16.42	0.5	17.5
		50%	#Max	16.20	16.24	16.21	0.5	17.5
		100%	--	16.31	16.35	16.32	0.5	17.5
	16QAM	1	#1	16.33	16.38	16.32	0.5	17.5
	64QAM	1	#1	16.20	16.25	16.21	0.5	17.5
	256QAM	1	#1	16.11	16.18	16.15	1	17
	CP-OFDM QPSK	1	#1	16.22	16.25	16.21	0.5	18

BW (MHz)	Modulation	Channel		648668	650000	651332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3730.02	3750	3769.98		
		RB No.	RB Offset	Measured Power (dBm)				
60M	PI/2 BPSK	1	#1	17.01	17.07	17.04	0	18
	QPSK	1	#1	17.11	17.18	17.16	0	18
		1	#Mid	17.05	17.07	17.02	0	18
		1	#Max	16.94	16.95	16.92	0	18
		50%	#0	16.92	16.98	16.95	0.5	17.5
		50%	#Mid	17.05	17.06	17.02	0.5	17.5
		50%	#Max	16.82	16.88	16.85	0.5	17.5
		100%	--	16.91	16.94	16.92	0.5	17.5
	16QAM	1	#1	16.82	16.84	16.83	0.5	17.5
	64QAM	1	#1	16.72	16.76	16.75	0.5	17.5
	256QAM	1	#1	16.60	16.65	16.64	1	17
	CP-OFDM QPSK	1	#1	16.71	16.75	16.74	0.5	18
BW (MHz)	Modulation	Channel		648334	650000	651666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3725.01	3750	3774.99		
		RB No.	RB Offset	Measured Power (dBm)				
50M	PI/2 BPSK	1	#1	16.94	16.97	16.95	0	18
	QPSK	1	#1	17.01	17.08	17.05	0	18
		1	#Mid	16.92	16.98	16.95	0	18
		1	#Max	16.83	16.87	16.85	0	18
		50%	#0	16.82	16.88	16.85	0.5	17.5
		50%	#Mid	16.92	16.97	16.95	0.5	17.5
		50%	#Max	16.74	16.76	16.75	0.5	17.5
		100%	--	16.82	16.87	16.85	0.5	17.5
	16QAM	1	#1	16.83	16.84	16.81	0.5	17.5
	64QAM	1	#1	16.74	16.76	16.75	0.5	17.5
	256QAM	1	#1	16.62	16.67	16.65	1	17
	CP-OFDM QPSK	1	#1	16.73	16.74	16.71	0.5	18

BW (MHz)	Modulation	Channel		648000	650000	652000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3720	3750	3780		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	16.84	16.88	16.84	0	18
	QPSK	1	#1	16.94	16.98	16.95	0	18
		1	#Mid	16.82	16.88	16.85	0	18
		1	#Max	16.72	16.78	16.75	0	18
		50%	#0	16.72	16.79	16.75	0.5	17.5
		50%	#Mid	16.85	16.89	16.82	0.5	17.5
		50%	#Max	16.64	16.69	16.65	0.5	17.5
		100%	--	16.71	16.75	16.74	0.5	17.5
	16QAM	1	#1	16.72	16.78	16.75	0.5	17.5
	64QAM	1	#1	16.64	16.67	16.66	0.5	17.5
	256QAM	1	#1	16.53	16.56	16.52	1	17
	CP-OFDM QPSK	1	#1	16.63	16.65	16.64	0.5	18
BW (MHz)	Modulation	Channel		647668	650000	652332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3715.02	3750	3784.98		
		RB No.	RB Offset	Measured Power (dBm)				
30M	PI/2 BPSK	1	#1	16.72	16.79	16.75	0	18
	QPSK	1	#1	16.82	16.89	16.85	0	18
		1	#Mid	16.71	16.75	16.74	0	18
		1	#Max	16.61	16.64	16.62	0	18
		50%	#0	16.62	16.68	16.65	0.5	17.5
		50%	#Mid	16.74	16.79	16.75	0.5	17.5
		50%	#Max	16.54	16.57	16.55	0.5	17.5
		100%	--	16.62	16.68	16.65	0.5	17.5
	16QAM	1	#1	16.65	16.69	16.67	0.5	17.5
	64QAM	1	#1	16.54	16.57	16.52	0.5	17.5
	256QAM	1	#1	16.40	16.45	16.42	1	17
	CP-OFDM QPSK	1	#1	16.51	16.56	16.52	0.5	18

BW (MHz)	Modulation	Channel		647334	650000	652666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3710.01	3750	3789.99		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	16.72	16.75	16.73	0	18
	QPSK	1	#1	16.82	16.89	16.85	0	18
		1	#Mid	16.74	16.79	16.75	0	18
		1	#Max	16.65	16.69	16.64	0	18
		50%	#0	16.62	16.66	16.64	0.5	17.5
		50%	#Mid	16.71	16.76	16.75	0.5	17.5
		50%	#Max	16.52	16.56	16.54	0.5	17.5
		100%	--	16.55	16.57	16.54	0.5	17.5
	16QAM	1	#1	16.51	16.56	16.52	0.5	17.5
	64QAM	1	#1	16.43	16.46	16.42	0.5	17.5
	256QAM	1	#1	16.32	16.39	16.35	1	17
	CP-OFDM QPSK	1	#1	16.44	16.48	16.45	0.5	18
BW (MHz)	Modulation	Channel		647168	650000	652832	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3707.52	3750	3792.48		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	16.63	16.66	16.65	0	18
	QPSK	1	#1	16.73	16.78	16.75	0	18
		1	#Mid	16.64	16.65	16.62	0	18
		1	#Max	16.51	16.54	16.52	0	18
		50%	#0	16.53	16.58	16.55	0.5	17.5
		50%	#Mid	16.62	16.65	16.63	0.5	17.5
		50%	#Max	16.45	16.47	16.43	0.5	17.5
		100%	--	16.54	16.57	16.56	0.5	17.5
	16QAM	1	#1	16.53	16.56	16.54	0.5	17.5
	64QAM	1	#1	16.44	16.47	16.42	0.5	17.5
	256QAM	1	#1	16.35	16.37	16.34	1	17
	CP-OFDM QPSK	1	#1	16.42	16.48	16.41	0.5	18

BW (MHz)	Modulation	Channel		647000	650000	653000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3705	3750	3795		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	16.54	16.57	16.58	0	18
	QPSK	1	#1	16.62	16.68	16.65	0	18
		1	#Mid	16.51	16.57	16.55	0	18
		1	#Max	16.45	16.48	16.42	0	18
		50%	#0	16.41	16.45	16.42	0.5	17.5
		50%	#Mid	16.51	16.55	16.54	0.5	17.5
		50%	#Max	16.31	16.34	16.32	0.5	17.5
		100%	--	16.43	16.45	16.44	0.5	17.5
	16QAM	1	#1	16.41	16.48	16.45	0.5	17.5
	64QAM	1	#1	16.32	16.35	16.32	0.5	17.5
	256QAM	1	#1	16.23	16.28	16.25	1	17
	CP-OFDM QPSK	1	#1	16.31	16.35	16.33	0.5	18

NR n78_HPUE				Ant 2/Ant 3				
BW (MHz)	Modulation	Channel		--	633334	--	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		--	3500.01	--		
		RB No.	RB Offset	Measured Power (dBm)				
100M	PI/2 BPSK	1	#1	--	17.18	--	0	18
	QPSK	1	#1	--	17.33	--	0	18
		1	#Mid	--	17.21	--	0	18
		1	#Max	--	17.14	--	0	18
		50%	#0	--	17.06	--	0.5	17.5
		50%	#Mid	--	17.21	--	0.5	17.5
		50%	#Max	--	17.12	--	0.5	17.5
		100%	--	--	17.21	--	0.5	17.5
	16QAM	1	#1	--	17.09	--	0.5	17.5
	64QAM	1	#1	--	16.87	--	0.5	17.5
	256QAM	1	#1	--	16.76	--	1	17
	CP-OFDM QPSK	1	#1	--	16.87	--	0.5	18
BW (MHz)	Modulation	Channel		633000	633334	633666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3495	3500.01	3504.99		
		RB No.	RB Offset	Measured Power (dBm)				
90M	PI/2 BPSK	1	#1	17.09	17.13	17.11	0	18
	QPSK	1	#1	17.21	17.23	17.22	0	18
		1	#Mid	17.01	17.03	17.00	0	18
		1	#Max	16.91	16.93	16.88	0	18
		50%	#0	17.02	17.04	17.03	0.5	17.5
		50%	#Mid	17.07	17.14	17.12	0.5	17.5
		50%	#Max	16.91	16.94	16.93	0.5	17.5
		100%	--	16.99	17.01	17.00	0.5	17.5
	16QAM	1	#1	16.89	16.94	16.91	0.5	17.5
	64QAM	1	#1	16.90	16.93	16.92	0.5	17.5
	256QAM	1	#1	16.77	16.82	16.78	1	17
	CP-OFDM QPSK	1	#1	16.78	16.84	16.83	0.5	18

BW (MHz)	Modulation	Channel		632668	633334	634000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3490.02	3500.01	3510		
		RB No.	RB Offset	Measured Power (dBm)				
80M	PI/2 BPSK	1	#1	17.03	17.05	17.04	0	18
	QPSK	1	#1	17.10	17.13	17.11	0	18
		1	#Mid	16.98	17.03	17.01	0	18
		1	#Max	16.90	16.93	16.91	0	18
		50%	#0	16.91	16.94	16.92	0.5	17.5
		50%	#Mid	16.97	17.04	17.02	0.5	17.5
		50%	#Max	16.78	16.84	16.81	0.5	17.5
		100%	--	16.87	16.94	16.91	0.5	17.5
	16QAM	1	#1	16.79	16.83	16.81	0.5	17.5
	64QAM	1	#1	16.70	16.72	16.71	0.5	17.5
	256QAM	1	#1	16.60	16.62	16.58	1	17
	CP-OFDM QPSK	1	#1	16.68	16.73	16.71	0.5	18
BW (MHz)	Modulation	Channel		632334	633334	634332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3485.01	3500.01	3514.98		
		RB No.	RB Offset	Measured Power (dBm)				
70M	PI/2 BPSK	1	#1	16.27	16.33	16.31	0	18
	QPSK	1	#1	16.39	16.44	16.38	0	18
		1	#Mid	16.28	16.33	16.31	0	18
		1	#Max	16.20	16.24	16.21	0	18
		50%	#0	16.17	16.21	16.18	0.5	17.5
		50%	#Mid	16.30	16.31	16.28	0.5	17.5
		50%	#Max	16.06	16.10	16.07	0.5	17.5
		100%	--	16.17	16.21	16.18	0.5	17.5
	16QAM	1	#1	16.19	16.24	16.18	0.5	17.5
	64QAM	1	#1	16.06	16.11	16.07	0.5	17.5
	256QAM	1	#1	15.97	16.04	16.01	1	17
	CP-OFDM QPSK	1	#1	16.08	16.11	16.07	0.5	18

BW (MHz)	Modulation	Channel		632000	633334	634666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3480	3500.01	3519.99		
		RB No.	RB Offset	Measured Power (dBm)				
60M	PI/2 BPSK	1	#1	16.87	16.93	16.90	0	18
	QPSK	1	#1	16.97	17.04	17.02	0	18
		1	#Mid	16.91	16.93	16.88	0	18
		1	#Max	16.80	16.81	16.78	0	18
		50%	#0	16.78	16.84	16.81	0.5	17.5
		50%	#Mid	16.91	16.92	16.88	0.5	17.5
		50%	#Max	16.68	16.74	16.71	0.5	17.5
		100%	--	16.77	16.80	16.78	0.5	17.5
	16QAM	1	#1	16.68	16.70	16.69	0.5	17.5
	64QAM	1	#1	16.58	16.62	16.61	0.5	17.5
	256QAM	1	#1	16.46	16.51	16.50	1	17
	CP-OFDM QPSK	1	#1	16.57	16.61	16.60	0.5	18
BW (MHz)	Modulation	Channel		631668	633334	635000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3475.02	3500.01	3525		
		RB No.	RB Offset	Measured Power (dBm)				
50M	PI/2 BPSK	1	#1	16.80	16.83	16.81	0	18
	QPSK	1	#1	16.87	16.94	16.91	0	18
		1	#Mid	16.78	16.84	16.81	0	18
		1	#Max	16.69	16.73	16.71	0	18
		50%	#0	16.68	16.74	16.71	0.5	17.5
		50%	#Mid	16.78	16.83	16.81	0.5	17.5
		50%	#Max	16.60	16.62	16.61	0.5	17.5
		100%	--	16.68	16.73	16.71	0.5	17.5
	16QAM	1	#1	16.69	16.70	16.67	0.5	17.5
	64QAM	1	#1	16.60	16.62	16.61	0.5	17.5
	256QAM	1	#1	16.48	16.53	16.51	1	17
	CP-OFDM QPSK	1	#1	16.59	16.60	16.57	0.5	18

BW (MHz)	Modulation	Channel		631334	633334	635332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3470.01	3500.01	3529.98		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	16.70	16.74	16.70	0	18
	QPSK	1	#1	16.80	16.84	16.81	0	18
		1	#Mid	16.68	16.74	16.71	0	18
		1	#Max	16.58	16.64	16.61	0	18
		50%	#0	16.58	16.65	16.61	0.5	17.5
		50%	#Mid	16.71	16.75	16.68	0.5	17.5
		50%	#Max	16.50	16.55	16.51	0.5	17.5
		100%	--	16.57	16.61	16.60	0.5	17.5
	16QAM	1	#1	16.58	16.64	16.61	0.5	17.5
	64QAM	1	#1	16.50	16.53	16.52	0.5	17.5
	256QAM	1	#1	16.39	16.42	16.38	1	17
	CP-OFDM QPSK	1	#1	16.49	16.51	16.50	0.5	18
BW (MHz)	Modulation	Channel		631000	633334	635666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3465	3500.01	3534.99		
		RB No.	RB Offset	Measured Power (dBm)				
30M	PI/2 BPSK	1	#1	16.56	16.60	16.56	0	18
	QPSK	1	#1	16.66	16.70	16.67	0	18
		1	#Mid	16.54	16.60	16.57	0	18
		1	#Max	16.44	16.50	16.47	0	18
		50%	#0	16.44	16.51	16.47	0.5	17.5
		50%	#Mid	16.57	16.61	16.54	0.5	17.5
		50%	#Max	16.36	16.41	16.37	0.5	17.5
		100%	--	16.43	16.47	16.46	0.5	17.5
	16QAM	1	#1	16.44	16.50	16.47	0.5	17.5
	64QAM	1	#1	16.36	16.39	16.38	0.5	17.5
	256QAM	1	#1	16.25	16.28	16.24	1	17
	CP-OFDM QPSK	1	#1	16.35	16.37	16.36	0.5	18

BW (MHz)	Modulation	Channel		630668	633334	636000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3460.02	3500.01	3540		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	16.56	16.60	16.56	0	18
	QPSK	1	#1	16.66	16.70	16.67	0	18
		1	#Mid	16.54	16.60	16.57	0	18
		1	#Max	16.44	16.50	16.47	0	18
		50%	#0	16.44	16.51	16.47	0.5	17.5
		50%	#Mid	16.57	16.61	16.54	0.5	17.5
		50%	#Max	16.36	16.41	16.37	0.5	17.5
		100%	--	16.43	16.47	16.46	0.5	17.5
		16QAM	1	#1	16.44	16.50	16.47	0.5
	64QAM	1	#1	16.36	16.39	16.38	0.5	17.5
	256QAM	1	#1	16.25	16.28	16.24	1	17
	CP-OFDM QPSK	1	#1	16.35	16.37	16.36	0.5	18
BW (MHz)	Modulation	Channel		630500	633334	636166	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3457.5	3500.01	3542.49		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	16.56	16.60	16.56	0	18
	QPSK	1	#1	16.66	16.70	16.67	0	18
		1	#Mid	16.54	16.60	16.57	0	18
		1	#Max	16.44	16.50	16.47	0	18
		50%	#0	16.44	16.51	16.47	0.5	17.5
		50%	#Mid	16.57	16.61	16.54	0.5	17.5
		50%	#Max	16.36	16.41	16.37	0.5	17.5
		100%	--	16.43	16.47	16.46	0.5	17.5
		16QAM	1	#1	16.44	16.50	16.47	0.5
	64QAM	1	#1	16.36	16.39	16.38	0.5	17.5
	256QAM	1	#1	16.25	16.28	16.24	1	17
	CP-OFDM QPSK	1	#1	16.35	16.37	16.36	0.5	18

BW (MHz)	Modulation	Channel		630334	633334	636332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3455.01	3500.01	3544.98		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	16.56	16.60	16.56	0	18
	QPSK	1	#1	16.66	16.70	16.67	0	18
		1	#Mid	16.54	16.60	16.57	0	18
		1	#Max	16.44	16.50	16.47	0	18
		50%	#0	16.44	16.51	16.47	0.5	17.5
		50%	#Mid	16.57	16.61	16.54	0.5	17.5
		50%	#Max	16.36	16.41	16.37	0.5	17.5
		100%	--	16.43	16.47	16.46	0.5	17.5
	16QAM	1	#1	16.44	16.50	16.47	0.5	17.5
	64QAM	1	#1	16.36	16.39	16.38	0.5	17.5
	256QAM	1	#1	16.25	16.28	16.24	1	17
	CP-OFDM QPSK	1	#1	16.35	16.37	16.36	0.5	18

NR n78_HPUE				Ant 2/Ant 3				
BW (MHz)	Modulation	Channel		--	650000	--	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		--	3750	--		
		RB No.	RB Offset	Measured Power (dBm)				
100M	PI/2 BPSK	1	#1	--	17.35	--	0	18
	QPSK	1	#1	--	17.47	--	0	18
		1	#Mid	--	17.25	--	0	18
		1	#Max	--	17.27	--	0	18
		50%	#0	--	17.11	--	0.5	17.5
		50%	#Mid	--	17.35	--	0.5	17.5
		50%	#Max	--	16.99	--	0.5	17.5
		100%	--	--	17.21	--	0.5	17.5
	16QAM	1	#1	--	17.02	--	0.5	17.5
	64QAM	1	#1	--	17.08	--	0.5	17.5
	256QAM	1	#1	--	16.96	--	1	17
	CP-OFDM QPSK	1	#1	--	17.04	--	0.5	18
BW (MHz)	Modulation	Channel		649668	650000	650332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3745.02	3750	3754.98		
		RB No.	RB Offset	Measured Power (dBm)				
90M	PI/2 BPSK	1	#1	17.08	17.16	17.15	0	18
	QPSK	1	#1	17.18	17.25	17.23	0	18
		1	#Mid	16.98	17.00	17.00	0	18
		1	#Max	16.95	16.95	16.91	0	18
		50%	#0	16.99	17.08	17.04	0.5	17.5
		50%	#Mid	17.20	17.27	17.22	0.5	17.5
		50%	#Max	16.91	17.08	17.01	0.5	17.5
		100%	--	17.01	17.03	17.10	0.5	17.5
	16QAM	1	#1	16.95	16.95	16.85	0.5	17.5
	64QAM	1	#1	16.87	17.04	16.89	0.5	17.5
	256QAM	1	#1	16.87	16.94	16.80	1	17
	CP-OFDM QPSK	1	#1	16.80	16.88	16.85	0.5	18

BW (MHz)	Modulation	Channel		649334	650000	650666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3740.01	3750	3759.99		
		RB No.	RB Offset	Measured Power (dBm)				
80M	PI/2 BPSK	1	#1	17.11	17.05	16.98	0	18
	QPSK	1	#1	17.16	17.24	17.23	0	18
		1	#Mid	16.92	17.16	16.99	0	18
		1	#Max	16.99	16.89	16.99	0	18
		50%	#0	16.99	16.88	16.96	0.5	17.5
		50%	#Mid	17.09	17.13	16.99	0.5	17.5
		50%	#Max	16.74	16.95	16.92	0.5	17.5
		100%	--	16.96	17.03	16.94	0.5	17.5
	16QAM	1	#1	16.89	16.79	16.91	0.5	17.5
	64QAM	1	#1	16.77	16.74	16.68	0.5	17.5
	256QAM	1	#1	16.74	16.67	16.69	1	17
	CP-OFDM QPSK	1	#1	16.63	16.74	16.73	0.5	18
BW (MHz)	Modulation	Channel		649000	650000	651000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3735	3750	3765		
		RB No.	RB Offset	Measured Power (dBm)				
70M	PI/2 BPSK	1	#1	16.23	16.35	16.39	0	18
	QPSK	1	#1	16.40	16.43	16.34	0	18
		1	#Mid	16.25	16.34	16.29	0	18
		1	#Max	16.14	16.20	16.17	0	18
		50%	#0	16.14	16.22	16.23	0.5	17.5
		50%	#Mid	16.31	16.39	16.42	0.5	17.5
		50%	#Max	16.13	16.23	16.14	0.5	17.5
		100%	--	16.24	16.26	16.27	0.5	17.5
	16QAM	1	#1	16.26	16.32	16.23	0.5	17.5
	64QAM	1	#1	16.06	16.21	16.02	0.5	17.5
	256QAM	1	#1	16.03	16.13	16.02	1	17
	CP-OFDM QPSK	1	#1	16.17	16.16	16.03	0.5	18

BW (MHz)	Modulation	Channel		648668	650000	651332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3730.02	3750	3769.98		
		RB No.	RB Offset	Measured Power (dBm)				
60M	PI/2 BPSK	1	#1	16.97	17.04	16.98	0	18
	QPSK	1	#1	17.11	17.10	17.10	0	18
		1	#Mid	16.87	16.90	16.91	0	18
		1	#Max	16.82	16.85	16.87	0	18
		50%	#0	16.77	16.82	16.93	0.5	17.5
		50%	#Mid	16.88	17.02	16.95	0.5	17.5
		50%	#Max	16.72	16.82	16.83	0.5	17.5
		100%	--	16.75	16.74	16.90	0.5	17.5
	16QAM	1	#1	16.66	16.79	16.78	0.5	17.5
	64QAM	1	#1	16.58	16.76	16.57	0.5	17.5
	256QAM	1	#1	16.57	16.61	16.57	1	17
	CP-OFDM QPSK	1	#1	16.67	16.56	16.60	0.5	18
BW (MHz)	Modulation	Channel		648334	650000	651666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3725.01	3750	3774.99		
		RB No.	RB Offset	Measured Power (dBm)				
50M	PI/2 BPSK	1	#1	16.88	16.89	16.84	0	18
	QPSK	1	#1	16.93	17.00	16.86	0	18
		1	#Mid	16.88	16.91	16.82	0	18
		1	#Max	16.80	16.75	16.83	0	18
		50%	#0	16.74	16.82	16.82	0.5	17.5
		50%	#Mid	16.83	16.78	16.85	0.5	17.5
		50%	#Max	16.73	16.75	16.66	0.5	17.5
		100%	--	16.77	16.67	16.71	0.5	17.5
	16QAM	1	#1	16.78	16.76	16.75	0.5	17.5
	64QAM	1	#1	16.55	16.68	16.56	0.5	17.5
	256QAM	1	#1	16.55	16.58	16.50	1	17
	CP-OFDM QPSK	1	#1	16.61	16.71	16.59	0.5	18

BW (MHz)	Modulation	Channel		648000	650000	652000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3720	3750	3780		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	16.70	16.86	16.75	0	18
	QPSK	1	#1	16.75	16.87	16.85	0	18
		1	#Mid	16.75	16.75	16.85	0	18
		1	#Max	16.52	16.63	16.70	0	18
		50%	#0	16.71	16.77	16.67	0.5	17.5
		50%	#Mid	16.85	16.77	16.69	0.5	17.5
		50%	#Max	16.50	16.59	16.48	0.5	17.5
		100%	--	16.54	16.60	16.65	0.5	17.5
	16QAM	1	#1	16.67	16.66	16.60	0.5	17.5
	64QAM	1	#1	16.48	16.54	16.63	0.5	17.5
	256QAM	1	#1	16.45	16.40	16.44	1	17
	CP-OFDM QPSK	1	#1	16.52	16.64	16.55	0.5	18
BW (MHz)	Modulation	Channel		647668	650000	652332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3715.02	3750	3784.98		
		RB No.	RB Offset	Measured Power (dBm)				
30M	PI/2 BPSK	1	#1	16.68	16.74	16.75	0	18
	QPSK	1	#1	16.77	16.79	16.81	0	18
		1	#Mid	16.63	16.57	16.59	0	18
		1	#Max	16.58	16.54	16.43	0	18
		50%	#0	16.55	16.65	16.55	0.5	17.5
		50%	#Mid	16.74	16.60	16.56	0.5	17.5
		50%	#Max	16.52	16.48	16.43	0.5	17.5
		100%	--	16.43	16.57	16.55	0.5	17.5
	16QAM	1	#1	16.51	16.64	16.56	0.5	17.5
	64QAM	1	#1	16.47	16.40	16.32	0.5	17.5
	256QAM	1	#1	16.36	16.34	16.30	1	17
	CP-OFDM QPSK	1	#1	16.50	16.36	16.48	0.5	18

BW (MHz)	Modulation	Channel		647334	650000	652666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3710.01	3750	3789.99		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	16.54	16.63	16.55	0	18
	QPSK	1	#1	16.80	16.81	16.82	0	18
		1	#Mid	16.67	16.62	16.68	0	18
		1	#Max	16.53	16.63	16.49	0	18
		50%	#0	16.57	16.48	16.54	0.5	17.5
		50%	#Mid	16.68	16.62	16.68	0.5	17.5
		50%	#Max	16.51	16.38	16.39	0.5	17.5
		100%	--	16.50	16.53	16.42	0.5	17.5
	16QAM	1	#1	16.35	16.48	16.48	0.5	17.5
	64QAM	1	#1	16.37	16.30	16.24	0.5	17.5
	256QAM	1	#1	16.26	16.31	16.34	1	17
	CP-OFDM QPSK	1	#1	16.36	16.34	16.44	0.5	18
BW (MHz)	Modulation	Channel		647168	650000	652832	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3707.52	3750	3792.48		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	16.53	16.46	16.60	0	18
	QPSK	1	#1	16.57	16.77	16.62	0	18
		1	#Mid	16.54	16.45	16.54	0	18
		1	#Max	16.44	16.45	16.48	0	18
		50%	#0	16.34	16.56	16.49	0.5	17.5
		50%	#Mid	16.60	16.56	16.60	0.5	17.5
		50%	#Max	16.31	16.40	16.40	0.5	17.5
		100%	--	16.42	16.43	16.36	0.5	17.5
	16QAM	1	#1	16.50	16.46	16.53	0.5	17.5
	64QAM	1	#1	16.33	16.30	16.34	0.5	17.5
	256QAM	1	#1	16.31	16.31	16.24	1	17
	CP-OFDM QPSK	1	#1	16.34	16.38	16.32	0.5	18

BW (MHz)	Modulation	Channel		647000	650000	653000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3705	3750	3795		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	16.42	16.51	16.39	0	18
	QPSK	1	#1	16.53	16.56	16.63	0	18
		1	#Mid	16.35	16.45	16.35	0	18
		1	#Max	16.31	16.41	16.25	0	18
		50%	#0	16.22	16.29	16.30	0.5	17.5
		50%	#Mid	16.43	16.55	16.53	0.5	17.5
		50%	#Max	16.24	16.33	16.13	0.5	17.5
		100%	--	16.29	16.32	16.25	0.5	17.5
	16QAM	1	#1	16.40	16.36	16.26	0.5	17.5
	64QAM	1	#1	16.16	16.18	16.31	0.5	17.5
	256QAM	1	#1	16.12	16.23	16.08	1	17
	CP-OFDM QPSK	1	#1	16.18	16.22	16.13	0.5	18

DSI1_P-Sensor Off

Channel	Modulation	LTE Band 2							
		RB	RB	Maximum Conducted Output Power					
		No.	Offset	1.4M	3M	5M	10M	15M	20M
Low	QPSK	1	#0	22.52	22.64	22.74	22.87	22.92	23.62
		1	#Mid	22.45	22.51	22.68	22.79	22.85	23.53
		1	#Max	22.34	22.40	22.55	22.69	22.72	23.36
		50%	#0	21.58	21.60	21.75	21.86	21.96	22.60
		50%	#Mid	21.45	21.50	21.68	21.79	21.80	22.49
		50%	#Max	21.33	21.44	21.59	21.66	21.73	22.41
		100%	--	21.08	21.13	21.20	21.39	21.49	21.59
	16QAM	1	#0	21.61	21.61	21.76	21.81	21.98	22.52
		1	#Mid	21.50	21.51	21.64	21.73	21.82	22.49
		1	#Max	21.46	21.40	21.57	21.75	21.71	22.34
		50%	#0	20.64	20.60	20.76	20.89	20.97	21.56
		50%	#Mid	20.56	20.54	20.62	20.72	20.86	21.48
		50%	#Max	20.43	20.42	20.50	20.67	20.73	21.37
		100%	--	20.05	20.10	20.23	20.36	20.49	21.49
	64QAM	1	#0	20.67	20.77	20.72	20.80	20.98	21.52
		1	#Mid	20.58	20.63	20.60	20.72	20.88	21.41
		1	#Max	20.46	20.50	20.55	20.60	20.71	21.36
		50%	#0	19.67	19.77	19.76	19.80	19.98	20.55
		50%	#Mid	19.53	19.65	19.68	19.77	19.84	20.48
		50%	#Max	19.49	19.58	19.58	19.76	19.79	20.37
		100%	--	19.05	19.16	19.39	19.46	19.49	19.99
	256QPSK	1	#0	18.42	18.41	18.55	18.45	18.32	18.61
		1	#Mid	18.41	18.39	18.54	18.44	18.31	18.59
		1	#Max	18.39	18.38	18.53	18.43	18.29	18.48
		50%	#0	18.41	18.35	18.36	18.42	18.15	18.52
		50%	#Mid	18.39	18.34	18.35	18.21	18.14	18.41
		50%	#Max	18.38	18.33	18.34	18.19	18.13	18.39
		100%	--	18.41	18.38	18.35	18.37	18.29	18.49
Mid	QPSK	1	#0	22.51	22.67	22.78	22.89	22.94	23.65
		1	#Mid	22.46	22.52	22.69	22.71	22.89	23.56
		1	#Max	22.35	22.46	22.55	22.66	22.75	23.43
		50%	#0	21.51	21.67	21.78	21.82	21.97	22.62
		50%	#Mid	21.48	21.58	21.61	21.72	21.87	22.50
		50%	#Max	21.39	21.42	21.52	21.64	21.73	22.45
		100%	--	21.09	21.15	21.25	21.35	21.44	21.65
	16QAM	1	#0	21.59	21.65	21.71	21.82	21.95	22.65
		1	#Mid	21.45	21.59	21.69	21.75	21.83	22.50
		1	#Max	21.34	21.41	21.53	21.63	21.76	22.44
		50%	#0	20.55	20.67	20.72	20.86	20.91	21.62
		50%	#Mid	20.42	20.58	20.68	20.78	20.84	21.52
		50%	#Max	20.32	20.41	20.59	20.61	20.76	21.47

		100%	--	20.02	20.19	20.29	20.33	20.40	20.61
		1	#0	20.54	20.64	20.74	20.85	20.93	21.69
		1	#Mid	20.42	20.56	20.64	20.74	20.89	21.57
		1	#Max	20.48	20.40	20.65	20.60	20.73	21.49
		50%	#0	19.54	19.64	19.76	19.85	19.98	20.63
		50%	#Mid	19.43	19.56	19.66	19.72	19.88	20.52
		50%	#Max	19.39	19.44	19.56	19.63	19.72	20.40
		100%	--	19.06	19.10	19.28	19.31	19.44	20.00
		1	#0	18.57	18.41	18.45	18.36	18.34	18.65
		1	#Mid	18.56	18.39	18.44	18.35	18.33	18.59
		1	#Max	18.55	18.38	18.43	18.34	18.32	18.48
		50%	#0	18.36	18.31	18.15	18.33	18.12	18.53
		50%	#Mid	18.35	18.29	18.14	18.32	18.11	18.42
		50%	#Max	18.34	18.28	18.13	18.31	18.09	18.31
		100%	--	18.38	18.36	18.37	18.32	18.19	18.41
High	QPSK	1	#0	22.58	22.68	22.75	22.80	22.92	23.61
		1	#Mid	22.40	22.51	22.61	22.74	22.87	23.51
		1	#Max	22.30	22.45	22.56	22.66	22.76	23.42
		50%	#0	21.50	21.65	21.70	21.84	21.98	22.53
		50%	#Mid	21.48	21.58	21.64	21.77	21.88	22.45
		50%	#Max	21.36	21.40	21.56	21.64	21.74	22.42
		100%	--	21.14	21.26	21.31	21.38	21.42	21.60
	16QAM	1	#0	21.51	21.64	21.76	21.81	21.99	22.62
		1	#Mid	21.42	21.51	21.60	21.71	21.88	22.59
		1	#Max	21.34	21.49	21.54	21.67	21.75	22.47
		50%	#0	20.58	20.63	20.71	20.84	20.99	21.62
		50%	#Mid	20.43	20.58	20.69	20.75	20.85	21.50
		50%	#Max	20.31	20.42	20.57	20.62	20.71	21.47
		100%	--	20.21	20.28	20.30	20.34	20.44	20.62
	64QAM	1	#0	20.52	20.62	20.78	20.87	20.99	21.60
		1	#Mid	20.44	20.50	20.62	20.70	20.82	21.50
		1	#Max	20.36	20.48	20.57	20.66	20.71	21.49
		50%	#0	19.52	19.62	19.77	19.86	19.95	20.69
		50%	#Mid	19.48	19.51	19.64	19.78	19.86	20.54
		50%	#Max	19.31	19.40	19.56	19.68	19.77	20.48
		100%	--	19.11	19.21	19.30	19.34	19.49	20.01
	256QPSK	1	#0	18.53	18.46	18.37	18.39	18.39	18.64
		1	#Mid	18.49	18.45	18.36	18.38	18.38	18.53
		1	#Max	18.48	18.44	18.35	18.37	18.37	18.42
		50%	#0	18.47	18.37	18.35	18.37	18.25	18.51
		50%	#Mid	18.41	18.36	18.34	18.36	18.24	18.49
		50%	#Max	18.39	18.35	18.33	18.35	18.23	18.38
		100%	--	18.32	18.33	18.31	18.37	18.31	18.43

Channel	Modulation	LTE Band 4							
		RB	RB	Maximum Conducted Output Power					
		No.	Offset	1.4M	3M	5M	10M	15M	20M
Low	QPSK	1	#0	22.43	22.57	22.64	22.71	22.80	22.91
		1	#Mid	22.33	22.43	22.56	22.65	22.78	22.82
		1	#Max	22.24	22.36	22.48	22.57	22.64	22.71
		50%	#0	22.41	22.56	22.53	22.65	22.73	22.86
		50%	#Mid	22.38	22.42	22.42	22.51	22.69	22.70
		50%	#Max	22.23	22.36	22.36	22.41	22.51	22.60
		100%	--	22.38	22.47	22.53	22.59	22.66	22.70
	16QAM	1	#0	22.36	22.42	22.55	22.61	22.71	22.80
		1	#Mid	22.23	22.39	22.46	22.57	22.62	22.72
		1	#Max	22.15	22.27	22.37	22.49	22.57	22.61
		50%	#0	21.33	21.42	21.51	21.67	21.71	21.89
		50%	#Mid	21.26	21.33	21.43	21.55	21.66	21.78
		50%	#Max	21.10	21.23	21.34	21.48	21.59	21.63
		100%	--	21.06	21.34	21.49	21.66	21.67	21.70
	64QAM	1	#0	21.36	21.47	21.58	21.63	21.69	21.76
		1	#Mid	21.25	21.37	21.40	21.54	21.52	21.63
		1	#Max	21.16	21.24	21.34	21.43	21.47	21.58
		50%	#0	20.30	20.41	20.51	20.63	20.65	20.70
		50%	#Mid	20.21	20.30	20.48	20.53	20.54	20.68
		50%	#Max	20.13	20.26	20.32	20.47	20.41	20.58
		100%	--	20.29	20.36	20.46	20.53	20.57	20.65
	256QPSK	1	#0	18.48	18.48	18.47	18.46	18.42	18.57
		1	#Mid	18.39	18.37	18.36	18.35	18.31	18.46
		1	#Max	18.28	18.26	18.25	18.24	18.29	18.35
		50%	#0	18.39	18.32	18.38	18.37	18.34	18.41
		50%	#Mid	18.28	18.21	18.27	18.26	18.23	18.31
		50%	#Max	18.17	18.19	18.16	18.15	18.12	18.29
		100%	--	18.21	18.26	18.22	18.22	18.26	18.33
Mid	QPSK	1	#0	22.45	22.58	22.65	22.74	22.81	22.95
		1	#Mid	22.36	22.43	22.58	22.67	22.71	22.83
		1	#Max	22.24	22.37	22.42	22.55	22.62	22.78
		50%	#0	22.42	22.45	22.51	22.60	22.63	22.87
		50%	#Mid	22.34	22.30	22.44	22.57	22.58	22.71
		50%	#Max	22.22	22.20	22.39	22.49	22.42	22.67
		100%	--	22.35	22.37	22.49	22.54	22.53	22.71
	16QAM	1	#0	22.40	22.42	22.44	22.50	22.62	22.78
		1	#Mid	22.32	22.34	22.33	22.43	22.55	22.64
		1	#Max	22.27	22.20	22.25	22.37	22.41	22.59
		50%	#0	21.48	21.49	21.40	21.55	21.62	21.79
		50%	#Mid	21.31	21.32	21.35	21.47	21.52	21.64
		50%	#Max	21.27	21.25	21.28	21.34	21.48	21.50
		100%	--	21.44	21.40	21.33	21.47	21.59	21.68

	64QAM	1	#0	21.43	21.46	21.59	21.67	21.74	21.84
		1	#Mid	21.32	21.34	21.48	21.52	21.64	21.75
		1	#Max	21.27	21.21	21.37	21.49	21.59	21.63
		50%	#0	20.49	20.49	20.53	20.59	20.77	20.81
		50%	#Mid	20.39	20.34	20.44	20.44	20.67	20.77
		50%	#Max	20.28	20.22	20.34	20.35	20.58	20.63
		100%	--	20.31	20.47	20.44	20.53	20.68	20.74
	256QPSK	1	#0	18.46	18.47	18.46	18.48	18.45	18.58
		1	#Mid	18.35	18.36	18.35	18.37	18.34	18.40
		1	#Max	18.24	18.25	18.24	18.26	18.23	18.39
		50%	#0	18.39	18.39	18.39	18.38	18.33	18.49
		50%	#Mid	18.28	18.28	18.28	18.27	18.22	18.38
		50%	#Max	18.17	18.17	18.17	18.16	18.11	18.27
		100%	--	18.21	18.21	18.21	18.26	18.23	18.31
High	QPSK	1	#0	22.44	22.46	22.61	22.74	22.84	22.92
		1	#Mid	22.39	22.32	22.51	22.66	22.77	22.82
		1	#Max	22.24	22.29	22.43	22.55	22.66	22.73
		50%	#0	22.40	22.44	22.53	22.60	22.70	22.77
		50%	#Mid	22.38	22.37	22.44	22.58	22.67	22.63
		50%	#Max	22.22	22.28	22.38	22.49	22.57	22.58
		100%	--	22.33	22.43	22.44	22.56	22.59	22.67
	16QAM	1	#0	22.42	22.41	22.54	22.60	22.74	22.86
		1	#Mid	22.38	22.38	22.49	22.50	22.61	22.72
		1	#Max	22.20	22.23	22.31	22.48	22.59	22.66
		50%	#0	21.42	21.43	21.44	21.52	21.67	21.71
		50%	#Mid	21.37	21.36	21.30	21.48	21.56	21.64
		50%	#Max	21.27	21.26	21.30	21.31	21.46	21.54
		100%	--	21.40	21.38	21.33	21.46	21.56	21.60
	64QAM	1	#0	21.47	21.54	21.53	21.60	21.75	21.80
		1	#Mid	21.38	21.43	21.46	21.59	21.64	21.76
		1	#Max	21.28	21.35	21.35	21.40	21.52	21.66
		50%	#0	20.44	20.44	20.57	20.68	20.72	20.80
		50%	#Mid	20.34	20.37	20.46	20.58	20.61	20.71
		50%	#Max	20.28	20.23	20.37	20.41	20.53	20.61
		100%	--	20.33	20.41	20.40	20.57	20.61	20.69
	256QPSK	1	#0	18.48	18.47	18.46	18.47	18.41	18.56
		1	#Mid	18.37	18.36	18.35	18.36	18.39	18.49
		1	#Max	18.26	18.25	18.24	18.25	18.28	18.38
		50%	#0	18.36	18.32	18.36	18.39	18.33	18.44
		50%	#Mid	18.25	18.21	18.25	18.28	18.22	18.33
		50%	#Max	18.14	18.19	18.14	18.17	18.11	18.22
		100%	--	18.21	18.28	18.23	18.22	18.24	18.38

Channel	Modulation	LTE Band 7							
		RB	RB	Maximum Conducted Output Power					
		No.	Offset	1.4M	3M	5M	10M	15M	20M
Low	QPSK	1	#0	22.52	22.64	22.77	22.87	22.92	23.42
		1	#Mid	22.45	22.50	22.68	22.79	22.85	23.33
		1	#Max	22.34	22.40	22.55	22.69	22.72	23.16
		50%	#0	21.58	21.69	21.70	21.86	21.96	22.33
		50%	#Mid	21.45	21.50	21.68	21.79	21.80	22.26
		50%	#Max	21.33	21.44	21.59	21.66	21.73	22.21
		100%	--	21.58	21.63	21.70	21.89	21.93	22.39
	16QAM	1	#0	21.51	21.61	21.76	21.81	21.98	22.42
		1	#Mid	21.40	21.51	21.64	21.70	21.82	22.39
		1	#Max	21.36	21.40	21.57	21.65	21.71	22.24
		50%	#0	20.54	20.60	20.76	20.89	20.97	21.46
		50%	#Mid	20.46	20.54	20.62	20.72	20.86	21.38
		50%	#Max	20.31	20.42	20.53	20.67	20.73	21.27
		100%	--	20.55	20.60	20.73	20.86	20.91	20.49
	64QAM	1	#0	20.57	20.67	20.72	20.80	20.95	21.41
		1	#Mid	20.48	20.53	20.60	20.72	20.88	21.31
		1	#Max	20.36	20.40	20.55	20.60	20.71	21.26
		50%	#0	19.57	19.67	19.76	19.80	19.98	20.45
		50%	#Mid	19.43	19.55	19.68	19.77	19.84	20.38
		50%	#Max	19.39	19.48	19.57	19.66	19.79	20.27
		100%	--	19.50	19.66	19.79	19.86	19.96	20.49
	256QPSK	1	#0	18.42	18.43	18.55	18.45	18.32	18.56
		1	#Mid	18.41	18.39	18.54	18.44	18.31	18.29
		1	#Max	18.39	18.38	18.53	18.43	18.29	18.28
		50%	#0	18.41	18.35	18.36	18.42	18.15	18.12
		50%	#Mid	18.39	18.34	18.35	18.21	18.14	18.11
		50%	#Max	18.38	18.33	18.34	18.19	18.13	18.09
		100%	--	18.41	18.38	18.35	18.37	18.29	18.19
Mid	QPSK	1	#0	22.51	22.61	22.78	22.89	22.91	23.49
		1	#Mid	22.46	22.52	22.69	22.71	22.89	23.36
		1	#Max	22.35	22.46	22.55	22.76	22.75	23.23
		50%	#0	21.51	21.67	21.78	21.82	21.97	22.42
		50%	#Mid	21.48	21.58	21.66	21.72	21.87	22.30
		50%	#Max	21.39	21.42	21.52	21.64	21.73	22.25
		100%	--	21.59	21.65	21.75	21.85	21.94	22.45
	16QAM	1	#0	21.59	21.65	21.71	21.82	21.95	22.45
		1	#Mid	21.45	21.59	21.69	21.75	21.83	22.30
		1	#Max	21.34	21.41	21.53	21.63	21.76	22.24
		50%	#0	20.55	20.67	20.72	20.86	20.91	21.42
		50%	#Mid	20.42	20.52	20.66	20.78	20.94	21.32
		50%	#Max	20.32	20.41	20.59	20.61	20.96	21.27
		100%	--	20.52	20.69	20.79	20.83	20.90	20.40

	64QAM	1	#0	20.54	20.64	20.74	20.85	20.93	21.49
		1	#Mid	20.42	20.56	20.64	20.74	20.89	21.37
		1	#Max	20.38	20.40	20.55	20.60	20.73	21.29
		50%	#0	19.55	19.64	19.76	19.85	19.98	20.41
		50%	#Mid	19.43	19.56	19.66	19.72	19.88	20.32
		50%	#Max	19.39	19.44	19.56	19.63	19.72	20.20
		100%	--	19.56	19.60	19.78	19.81	19.94	20.40
	256QPSK	1	#0	18.57	18.41	18.45	18.35	18.34	18.51
		1	#Mid	18.56	18.39	18.44	18.34	18.33	18.29
		1	#Max	18.55	18.38	18.43	18.33	18.32	18.28
		50%	#0	18.36	18.31	18.15	18.32	18.12	18.23
		50%	#Mid	18.35	18.29	18.14	18.31	18.11	18.22
		50%	#Max	18.34	18.28	18.13	18.42	18.09	18.21
		100%	--	18.38	18.36	18.37	18.39	18.19	18.21
High	QPSK	1	#0	22.58	22.60	22.78	22.80	22.90	23.41
		1	#Mid	22.40	22.51	22.61	22.74	22.87	23.28
		1	#Max	22.30	22.45	22.56	22.66	22.76	23.12
		50%	#0	21.50	21.65	21.72	21.84	21.98	22.33
		50%	#Mid	21.48	21.58	21.64	21.77	21.88	22.21
		50%	#Max	21.36	21.40	21.56	21.64	21.74	22.22
		100%	--	21.54	21.62	21.71	21.88	21.92	22.40
	16QAM	1	#0	21.51	21.64	21.76	21.81	21.99	22.42
		1	#Mid	21.42	21.51	21.60	21.71	21.88	22.39
		1	#Max	21.34	21.49	21.54	21.67	21.75	22.27
		50%	#0	20.58	20.63	20.71	20.84	20.99	21.40
		50%	#Mid	20.43	20.58	20.69	20.75	20.85	21.30
		50%	#Max	20.31	20.42	20.57	20.62	20.71	21.27
		100%	--	20.51	20.68	20.70	20.84	20.94	21.45
	64QAM	1	#0	20.52	20.62	20.78	20.87	20.99	21.40
		1	#Mid	20.44	20.50	20.62	20.70	20.82	21.30
		1	#Max	20.36	20.48	20.57	20.66	20.71	21.29
		50%	#0	19.52	19.62	19.77	19.86	19.95	20.49
		50%	#Mid	19.46	19.51	19.64	19.78	19.86	20.34
		50%	#Max	19.31	19.40	19.56	19.68	19.77	20.28
		100%	--	19.51	19.61	19.70	19.84	19.99	20.41
	256QPSK	1	#0	18.51	18.46	18.37	18.39	18.39	18.54
		1	#Mid	18.49	18.45	18.36	18.38	18.38	18.33
		1	#Max	18.48	18.44	18.35	18.37	18.37	18.32
		50%	#0	18.47	18.37	18.35	18.37	18.25	18.21
		50%	#Mid	18.41	18.36	18.34	18.66	18.24	18.19
		50%	#Max	18.39	18.35	18.33	18.35	18.23	18.18
		100%	--	18.52	18.33	18.31	18.37	18.31	18.23

Channel	Modulation	LTE Band 25							
		RB	RB	Maximum Conducted Output Power					
		No.	Offset	1.4M	3M	5M	10M	15M	20M
Low	QPSK	1	#0	22.12	22.29	22.36	22.41	22.58	22.81
		1	#Mid	22.06	22.11	22.21	22.31	22.47	22.70
		1	#Max	21.98	22.00	22.12	22.22	22.38	22.65
		50%	#0	22.03	21.22	21.37	21.47	21.52	21.82
		50%	#Mid	21.99	21.14	21.20	21.32	21.46	21.71
		50%	#Max	21.87	21.01	21.15	21.21	21.31	21.66
		100%	--	21.99	21.10	21.22	21.36	21.48	21.72
	16QAM	1	#0	21.12	21.23	21.37	21.40	21.55	21.83
		1	#Mid	21.06	21.13	21.26	21.34	21.48	21.72
		1	#Max	20.97	21.08	21.11	21.28	21.36	21.61
		50%	#0	20.13	20.29	20.36	20.40	20.50	20.85
		50%	#Mid	20.09	20.16	20.25	20.39	20.41	20.75
		50%	#Max	19.91	20.02	20.10	20.22	20.34	20.63
		100%	--	20.07	20.12	20.20	20.39	20.46	20.72
	64QAM	1	#0	20.18	20.29	20.38	20.49	20.58	20.88
		1	#Mid	20.06	20.15	20.26	20.30	20.42	20.79
		1	#Max	19.92	20.00	20.13	20.25	20.35	20.69
		50%	#0	20.06	19.25	19.30	19.45	19.58	19.84
		50%	#Mid	19.91	19.10	19.27	19.31	19.48	19.77
		50%	#Max	19.88	19.04	19.14	19.26	19.35	19.65
		100%	--	19.97	19.19	19.21	19.37	19.49	19.76
	256QPSK	1	#0	17.61	17.74	17.81	17.91	18.01	18.15
		1	#Mid	17.59	17.63	17.75	17.89	17.99	18.04
		1	#Max	17.58	17.62	17.74	17.88	17.98	18.03
		50%	#0	17.45	17.51	17.69	17.75	17.86	17.99
		50%	#Mid	17.34	17.49	17.68	17.74	17.85	17.98
		50%	#Max	17.43	17.48	17.67	17.63	17.74	17.87
		100%	--	17.51	17.67	17.71	17.81	17.91	18.03
Mid	QPSK	1	#0	22.19	22.28	22.38	22.46	22.59	22.85
		1	#Mid	22.01	22.19	22.27	22.32	22.40	22.76
		1	#Max	21.90	22.03	22.13	22.25	22.33	22.67
		50%	#0	21.12	21.26	21.36	21.41	21.58	21.97
		50%	#Mid	21.07	21.15	21.26	21.37	21.48	21.80
		50%	#Max	20.98	21.06	21.10	21.23	21.34	21.79
		100%	--	21.02	21.11	21.01	21.34	21.43	21.88
	16QAM	1	#0	21.10	21.29	21.32	21.48	21.53	21.89
		1	#Mid	21.01	21.19	21.22	21.32	21.46	21.75
		1	#Max	20.93	21.03	21.15	21.28	21.43	21.63
		50%	#0	20.04	20.28	20.30	20.47	20.50	20.85
		50%	#Mid	19.94	20.18	20.27	20.30	20.43	20.72
		50%	#Max	19.87	20.06	20.17	20.21	20.36	20.64
		100%	--	19.94	20.12	20.25	20.37	20.47	20.77

	64QAM	1	#0	20.19	20.24	20.30	20.45	20.54	20.88
		1	#Mid	20.05	20.12	20.26	20.30	20.44	20.71
		1	#Max	19.98	20.04	20.13	20.22	20.32	20.65
		50%	#0	19.11	19.22	19.32	19.48	19.56	19.83
		50%	#Mid	19.02	19.14	19.25	19.31	19.45	19.75
		50%	#Max	18.90	19.00	19.10	19.26	19.39	19.65
		100%	--	19.02	19.10	19.27	19.35	19.49	19.75
	256QPSK	1	#0	17.66	17.75	17.86	17.94	18.05	18.16
		1	#Mid	17.55	17.64	17.79	17.81	17.94	18.03
		1	#Max	17.54	17.63	17.78	17.79	17.93	18.02
		50%	#0	17.43	17.59	17.62	17.66	17.86	17.99
		50%	#Mid	17.32	17.58	17.61	17.65	17.84	17.98
		50%	#Max	17.41	17.47	17.59	17.54	17.73	17.87
		100%	--	17.54	17.61	17.71	17.89	17.88	17.91
High	QPSK	1	#0	22.19	22.23	22.33	22.40	22.52	22.81
		1	#Mid	22.04	22.10	22.21	22.34	22.44	22.68
		1	#Max	21.96	22.08	22.15	22.27	22.35	22.67
		50%	#0	21.10	21.24	21.36	21.48	21.58	21.86
		50%	#Mid	21.00	21.12	21.24	21.36	21.45	21.70
		50%	#Max	20.93	21.01	21.11	21.26	21.32	21.68
		100%	--	21.00	21.17	21.25	21.30	21.47	21.77
	16QAM	1	#0	21.16	21.26	21.38	21.41	21.58	21.80
		1	#Mid	21.02	21.19	21.23	21.38	21.43	21.73
		1	#Max	20.91	21.06	21.14	21.28	21.30	21.60
		50%	#0	20.19	20.23	20.31	20.43	20.59	20.81
		50%	#Mid	20.07	20.12	20.25	20.35	20.46	20.77
		50%	#Max	19.93	20.00	20.12	20.26	20.30	20.61
		100%	--	20.07	20.12	20.28	20.30	20.46	20.70
	64QAM	1	#0	20.11	20.21	20.30	20.48	20.58	20.87
		1	#Mid	20.04	20.17	20.20	20.31	20.47	20.73
		1	#Max	19.96	20.07	20.15	20.21	20.38	20.68
		50%	#0	19.11	19.21	19.39	19.42	19.54	19.81
		50%	#Mid	19.01	19.14	19.21	19.35	19.46	19.72
		50%	#Max	18.91	19.05	19.11	19.25	19.38	19.69
		100%	--	19.01	19.14	19.01	19.37	19.43	19.75
	256QPSK	1	#0	17.67	17.79	17.86	17.92	18.02	18.15
		1	#Mid	17.56	17.78	17.74	17.81	17.99	18.08
		1	#Max	17.55	17.67	17.73	17.79	17.98	18.07
		50%	#0	17.43	17.61	17.67	17.65	17.81	17.97
		50%	#Mid	17.32	17.59	17.66	17.64	17.79	17.96
		50%	#Max	17.21	17.59	17.55	17.53	17.68	17.85
		100%	--	17.51	17.63	17.79	17.84	17.91	18.01

Channel	Modulation	LTE Band 41- HPUE_Ant 0							
		RB	RB	Maximum Conducted Output Power					
		No.	Offset	1.4M	3M	5M	10M	15M	20M
Low	QPSK	1	#0	--	--	24.39	24.64	24.64	25.48
		1	#Mid	--	--	24.48	24.66	24.44	25.27
		1	#Max	--	--	24.52	24.59	24.54	25.10
		50%	#0	--	--	24.24	24.37	24.05	24.11
		50%	#Mid	--	--	24.29	24.31	24.13	24.38
		50%	#Max	--	--	24.26	24.30	24.02	24.27
		100%	--	--	--	23.76	23.90	23.74	24.22
	16QAM	1	#0	--	--	23.91	23.68	24.12	24.73
		1	#Mid	--	--	23.98	23.72	24.22	24.47
		1	#Max	--	--	23.53	23.75	23.89	24.67
		50%	#0	--	--	22.66	22.48	22.83	23.25
		50%	#Mid	--	--	22.33	22.71	22.92	23.38
		50%	#Max	--	--	22.57	22.70	22.81	23.32
		100%	--	--	--	22.20	22.67	22.98	23.31
	64QAM	1	#0	--	--	22.36	22.80	22.62	23.40
		1	#Mid	--	--	22.37	22.82	22.90	23.24
		1	#Max	--	--	22.54	22.65	22.94	23.20
		50%	#0	--	--	21.48	21.68	21.70	22.33
		50%	#Mid	--	--	21.61	21.81	21.74	22.39
		50%	#Max	--	--	21.32	21.78	21.81	22.31
		100%	--	--	--	21.61	21.77	21.84	22.50
	256QPSK	1	#0	--	--	20.48	20.20	20.74	20.80
		1	#Mid	--	--	20.07	20.36	20.31	20.50
		1	#Max	--	--	20.32	20.18	20.30	20.49
		50%	#0	--	--	20.23	20.28	20.56	20.68
		50%	#Mid	--	--	20.12	20.22	20.38	20.48
		50%	#Max	--	--	20.32	20.21	20.14	20.63
		100%	--	--	--	20.28	20.19	20.33	20.53
Mid	QPSK	1	#0	--	--	24.67	24.74	24.40	25.50
		1	#Mid	--	--	24.42	24.56	24.53	25.20
		1	#Max	--	--	24.35	24.36	24.59	25.14
		50%	#0	--	--	24.45	23.39	24.02	24.46
		50%	#Mid	--	--	24.27	24.18	24.06	24.38
		50%	#Max	--	--	24.22	24.12	24.11	24.34
		100%	--	--	--	23.25	23.45	23.89	24.35
	16QAM	1	#0	--	--	23.82	23.54	23.67	24.74
		1	#Mid	--	--	23.71	23.66	23.74	24.63
		1	#Max	--	--	23.79	23.68	23.75	24.27
		50%	#0	--	--	22.53	22.57	22.52	23.23
		50%	#Mid	--	--	22.62	22.68	22.52	23.18
		50%	#Max	--	--	22.32	22.50	22.50	23.16
		100%	--	--	--	22.06	22.63	22.32	23.16

	64QAM	1	#0	--	--	22.07	22.80	22.70	23.52
		1	#Mid	--	--	22.39	22.80	22.67	23.30
		1	#Max	--	--	22.59	22.58	22.60	23.50
		50%	#0	--	--	21.37	21.55	21.47	22.18
		50%	#Mid	--	--	21.57	21.36	21.47	22.20
		50%	#Max	--	--	21.47	21.44	21.55	22.32
		100%	--	--	--	21.32	21.29	21.48	22.23
	256QPSK	1	#0	--	--	20.11	20.25	20.40	20.63
		1	#Mid	--	--	20.20	20.28	20.14	20.43
		1	#Max	--	--	20.16	20.14	20.36	20.25
		50%	#0	--	--	20.09	20.06	20.02	20.31
		50%	#Mid	--	--	20.14	20.11	20.23	20.31
		50%	#Max	--	--	20.09	20.11	20.16	20.31
		100%	--	--	--	20.20	20.13	20.10	20.25
High	QPSK	1	#0	--	--	24.56	24.58	24.60	25.41
		1	#Mid	--	--	24.28	24.62	24.58	24.89
		1	#Max	--	--	24.40	24.56	24.61	24.94
		50%	#0	--	--	23.70	23.56	24.11	24.26
		50%	#Mid	--	--	24.22	24.02	24.09	24.33
		50%	#Max	--	--	24.23	24.00	24.04	24.34
		100%	--	--	--	23.77	23.67	23.87	24.32
	16QAM	1	#0	--	--	23.68	24.17	24.77	24.34
		1	#Mid	--	--	23.60	24.05	24.21	24.25
		1	#Max	--	--	23.40	24.08	24.54	24.11
		50%	#0	--	--	22.44	22.78	22.87	23.10
		50%	#Mid	--	--	22.42	22.79	22.89	23.14
		50%	#Max	--	--	22.90	22.91	22.76	23.29
		100%	--	--	--	22.62	22.81	22.86	23.17
	64QAM	1	#0	--	--	22.48	22.89	22.92	23.62
		1	#Mid	--	--	22.36	22.80	22.89	23.40
		1	#Max	--	--	22.43	22.69	22.87	23.55
		50%	#0	--	--	21.62	21.85	21.82	22.12
		50%	#Mid	--	--	21.74	21.74	21.71	22.03
		50%	#Max	--	--	21.63	21.58	21.94	22.27
		100%	--	--	--	21.50	21.55	21.86	21.96
	256QPSK	1	#0	--	--	20.21	20.10	20.12	20.51
		1	#Mid	--	--	20.00	20.12	20.14	20.09
		1	#Max	--	--	20.34	20.19	20.41	20.60
		50%	#0	--	--	20.13	20.07	20.08	20.28
		50%	#Mid	--	--	20.11	20.26	20.29	20.27
		50%	#Max	--	--	20.15	20.26	20.30	20.25
		100%	--	--	--	20.07	19.98	20.11	20.14

Channel	Modulation	LTE Band 42-Ant 3							
		RB	RB	Maximum Conducted Output Power					
		No.	Offset	1.4M	3M	5M	10M	15M	20M
Low	QPSK	1	#0	--	--	21.65	21.55	21.62	21.75
		1	#Mid	--	--	21.54	21.46	21.54	21.68
		1	#Max	--	--	21.38	21.36	21.41	21.50
		50%	#0	--	--	21.51	21.45	21.51	21.61
		50%	#Mid	--	--	21.41	21.39	21.43	21.50
		50%	#Max	--	--	21.38	21.35	21.33	21.40
		100%	--	--	--	21.48	21.20	21.43	21.54
	16QAM	1	#0	--	--	21.52	21.45	21.59	21.60
		1	#Mid	--	--	21.48	21.37	21.41	21.59
		1	#Max	--	--	21.32	21.23	21.36	21.45
		50%	#0	--	--	21.48	21.31	21.49	21.55
		50%	#Mid	--	--	21.38	21.25	21.33	21.43
		50%	#Max	--	--	21.23	21.15	21.27	21.34
		100%	--	--	--	21.35	21.28	21.34	21.47
	64QAM	1	#0	--	--	21.40	21.35	21.45	21.50
		1	#Mid	--	--	21.33	21.24	21.39	21.47
		1	#Max	--	--	21.26	21.13	21.26	21.35
		50%	#0	--	--	21.35	21.20	21.30	21.40
		50%	#Mid	--	--	21.25	21.18	21.28	21.36
		50%	#Max	--	--	21.12	21.09	21.16	21.20
		100%	--	--	--	21.20	21.16	21.27	21.33
	256QPSK	1	#0	--	--	19.63	19.76	19.56	19.56
		1	#Mid	--	--	19.74	19.72	19.56	19.54
		1	#Max	--	--	19.71	19.65	19.56	19.66
		50%	#0	--	--	19.61	19.59	19.46	19.48
		50%	#Mid	--	--	19.64	19.61	19.49	19.49
		50%	#Max	--	--	19.58	19.63	19.48	19.48
		100%	--	--	--	19.61	19.61	19.47	19.51
Mid	QPSK	1	#0	--	--	21.67	21.57	21.67	21.79
		1	#Mid	--	--	21.52	21.42	21.51	21.69
		1	#Max	--	--	21.42	21.35	21.40	21.52
		50%	#0	--	--	21.52	21.48	21.52	21.62
		50%	#Mid	--	--	21.42	21.34	21.46	21.51
		50%	#Max	--	--	21.33	21.24	21.32	21.42
		100%	--	--	--	21.49	21.32	21.44	21.55
	16QAM	1	#0	--	--	21.50	21.43	21.55	21.61
		1	#Mid	--	--	21.40	21.37	21.45	21.56
		1	#Max	--	--	21.38	21.23	21.33	21.45
		50%	#0	--	--	21.46	21.32	21.46	21.51
		50%	#Mid	--	--	21.39	21.25	21.35	21.47
		50%	#Max	--	--	21.20	21.17	21.27	21.39
		100%	--	--	--	21.36	21.27	21.35	21.42

	64QAM	1	#0	--	--	21.49	21.31	21.44	21.59
		1	#Mid	--	--	21.35	21.28	21.35	21.44
		1	#Max	--	--	21.29	21.12	21.20	21.39
		50%	#0	--	--	21.38	21.29	21.36	21.47
		50%	#Mid	--	--	21.24	21.15	21.21	21.39
		50%	#Max	--	--	21.20	21.04	21.13	21.26
		100%	--	--	--	21.28	21.12	21.21	21.39
	256QPSK	1	#0	--	--	19.98	19.98	19.83	19.75
		1	#Mid	--	--	20.03	20.03	19.82	19.85
		1	#Max	--	--	19.96	19.94	19.83	19.87
		50%	#0	--	--	19.92	19.87	19.79	19.66
		50%	#Mid	--	--	19.93	19.94	19.71	19.72
		50%	#Max	--	--	19.93	19.83	19.69	19.68
		100%	--	--	--	19.92	19.79	19.66	19.67
High	QPSK	1	#0	--	--	21.67	21.41	21.61	21.74
		1	#Mid	--	--	21.51	21.31	21.59	21.64
		1	#Max	--	--	21.41	21.24	21.46	21.51
		50%	#0	--	--	21.58	21.39	21.53	21.61
		50%	#Mid	--	--	21.47	21.22	21.46	21.50
		50%	#Max	--	--	21.34	21.12	21.31	21.40
		100%	--	--	--	21.41	21.25	21.45	21.52
	16QAM	1	#0	--	--	21.56	21.34	21.58	21.68
		1	#Mid	--	--	21.40	21.21	21.45	21.54
		1	#Max	--	--	21.31	21.16	21.37	21.43
		50%	#0	--	--	21.47	21.21	21.49	21.52
		50%	#Mid	--	--	21.37	21.10	21.32	21.59
		50%	#Max	--	--	21.21	21.09	21.25	21.45
		100%	--	--	--	21.37	21.17	21.30	21.44
	64QAM	1	#0	--	--	21.40	21.20	21.48	21.54
		1	#Mid	--	--	21.39	21.14	21.35	21.41
		1	#Max	--	--	21.22	21.03	21.23	21.32
		50%	#0	--	--	21.33	21.17	21.39	21.42
		50%	#Mid	--	--	21.23	21.04	21.23	21.36
		50%	#Max	--	--	21.18	20.98	21.18	21.22
		100%	--	--	--	21.28	21.03	21.23	21.30
	256QPSK	1	#0	--	--	20.02	19.98	19.82	19.85
		1	#Mid	--	--	20.13	20.12	19.82	19.89
		1	#Max	--	--	20.03	19.96	19.91	19.89
		50%	#0	--	--	19.89	19.87	19.75	19.74
		50%	#Mid	--	--	19.94	19.92	19.77	19.82
		50%	#Max	--	--	19.89	19.91	19.78	19.74
		100%	--	--	--	19.94	19.94	19.76	19.77

Channel	Modulation	LTE Band 42-HPUE_Ant 3							
		RB	RB	Maximum Conducted Output Power					
		No.	Offset	1.4M	3M	5M	10M	15M	20M
Low	QPSK	1	#0	--	--	21.54	21.44	21.48	21.73
		1	#Mid	--	--	21.43	21.35	21.40	21.60
		1	#Max	--	--	21.27	21.25	21.27	21.39
		50%	#0	--	--	21.40	21.34	21.37	21.64
		50%	#Mid	--	--	21.30	21.28	21.29	21.37
		50%	#Max	--	--	21.27	21.24	21.19	21.28
		100%	--	--	--	21.37	21.09	21.29	21.47
	16QAM	1	#0	--	--	21.39	21.31	21.48	21.46
		1	#Mid	--	--	21.35	21.23	21.30	21.45
		1	#Max	--	--	21.19	21.09	21.25	21.31
		50%	#0	--	--	21.35	21.17	21.38	21.41
		50%	#Mid	--	--	21.25	21.11	21.22	21.29
		50%	#Max	--	--	21.10	21.01	21.16	21.20
		100%	--	--	--	21.22	21.14	21.23	21.33
	64QAM	1	#0	--	--	21.27	21.21	21.34	21.36
		1	#Mid	--	--	21.20	21.10	21.28	21.33
		1	#Max	--	--	21.13	20.99	21.15	21.21
		50%	#0	--	--	21.22	21.06	21.19	21.26
		50%	#Mid	--	--	21.12	21.04	21.17	21.22
		50%	#Max	--	--	20.99	20.95	21.05	21.06
		100%	--	--	--	21.07	21.02	21.16	21.19
	256QPSK	1	#0	--	--	19.59	19.76	19.54	19.62
		1	#Mid	--	--	19.72	19.64	19.64	19.53
		1	#Max	--	--	19.75	19.69	19.52	19.75
		50%	#0	--	--	19.51	19.49	19.39	19.49
		50%	#Mid	--	--	19.59	19.60	19.58	19.40
		50%	#Max	--	--	19.58	19.71	19.56	19.43
		100%	--	--	--	19.65	19.70	19.53	19.49
Mid	QPSK	1	#0	--	--	21.55	21.45	21.55	21.79
		1	#Mid	--	--	21.40	21.30	21.39	21.59
		1	#Max	--	--	21.30	21.23	21.28	21.44
		50%	#0	--	--	21.40	21.36	21.40	21.66
		50%	#Mid	--	--	21.30	21.22	21.34	21.42
		50%	#Max	--	--	21.21	21.12	21.20	21.25
		100%	--	--	--	21.37	21.20	21.32	21.48
	16QAM	1	#0	--	--	21.37	21.31	21.40	21.48
		1	#Mid	--	--	21.27	21.25	21.30	21.43
		1	#Max	--	--	21.25	21.11	21.18	21.32
		50%	#0	--	--	21.33	21.20	21.31	21.38
		50%	#Mid	--	--	21.26	21.13	21.20	21.34
		50%	#Max	--	--	21.07	21.05	21.12	21.26
		100%	--	--	--	21.23	21.15	21.20	21.29

	64QAM	1	#0	--	--	21.36	21.19	21.29	21.46
		1	#Mid	--	--	21.22	21.16	21.20	21.31
		1	#Max	--	--	21.16	21.00	21.05	21.26
		50%	#0	--	--	21.25	21.17	21.21	21.34
		50%	#Mid	--	--	21.11	21.03	21.06	21.26
		50%	#Max	--	--	21.07	20.92	20.98	21.13
		100%	--	--	--	21.15	21.00	21.06	21.26
	256QPSK	1	#0	--	--	20.07	20.08	19.86	19.72
		1	#Mid	--	--	20.11	20.13	19.90	19.89
		1	#Max	--	--	20.04	19.90	19.89	19.97
		50%	#0	--	--	19.99	19.96	19.80	19.60
		50%	#Mid	--	--	19.99	19.88	19.67	19.69
		50%	#Max	--	--	19.87	19.84	19.75	19.73
		100%	--	--	--	19.87	19.88	19.65	19.72
High	QPSK	1	#0	--	--	21.53	21.27	21.48	21.77
		1	#Mid	--	--	21.37	21.17	21.46	21.58
		1	#Max	--	--	21.27	21.10	21.33	21.40
		50%	#0	--	--	21.44	21.25	21.40	21.61
		50%	#Mid	--	--	21.33	21.08	21.33	21.38
		50%	#Max	--	--	21.20	20.98	21.18	21.28
		100%	--	--	--	21.27	21.11	21.32	21.44
	16QAM	1	#0	--	--	21.44	21.21	21.47	21.56
		1	#Mid	--	--	21.28	21.08	21.34	21.42
		1	#Max	--	--	21.19	21.03	21.26	21.31
		50%	#0	--	--	21.35	21.08	21.38	21.40
		50%	#Mid	--	--	21.25	20.97	21.21	21.47
		50%	#Max	--	--	21.09	20.96	21.14	21.33
		100%	--	--	--	21.25	21.04	21.19	21.32
	64QAM	1	#0	--	--	21.28	21.07	21.37	21.42
		1	#Mid	--	--	21.27	21.01	21.24	21.29
		1	#Max	--	--	21.10	20.90	21.12	21.20
		50%	#0	--	--	21.21	21.04	21.28	21.30
		50%	#Mid	--	--	21.11	20.91	21.12	21.24
		50%	#Max	--	--	21.06	20.85	21.07	21.10
		100%	--	--	--	21.16	20.90	21.12	21.18
	256QPSK	1	#0	--	--	20.12	19.92	19.89	19.84
		1	#Mid	--	--	20.16	20.10	19.89	19.90
		1	#Max	--	--	20.08	19.94	19.84	19.84
		50%	#0	--	--	19.88	19.82	19.83	19.84
		50%	#Mid	--	--	19.88	19.92	19.75	19.79
		50%	#Max	--	--	19.83	19.94	19.76	19.69
		100%	--	--	--	19.87	19.98	19.73	19.70

Channel	Modulation	LTE Band 48-Ant 3							
		RB	RB	Maximum Conducted Output Power					
		No.	Offset	1.4M	3M	5M	10M	15M	20M
Low	QPSK	1	#0	--	--	22.29	22.28	22.07	22.45
		1	#Mid	--	--	22.15	22.12	22.07	22.27
		1	#Max	--	--	22.02	21.91	21.99	22.00
		50%	#0	--	--	21.34	21.38	21.27	21.42
		50%	#Mid	--	--	21.31	21.27	21.29	21.35
		50%	#Max	--	--	21.15	21.22	21.23	21.24
		100%	--	--	--	21.21	21.35	21.28	21.37
	16QAM	1	#0	--	--	21.30	21.35	21.37	21.47
		1	#Mid	--	--	21.21	21.23	21.20	21.31
		1	#Max	--	--	21.13	21.10	21.26	21.29
		50%	#0	--	--	20.34	20.42	20.32	20.46
		50%	#Mid	--	--	20.22	20.23	20.26	20.31
		50%	#Max	--	--	20.22	20.12	20.24	20.28
		100%	--	--	--	20.31	20.36	20.29	20.39
	64QAM	1	#0	--	--	20.29	20.29	20.16	20.36
		1	#Mid	--	--	20.14	20.12	20.15	20.20
		1	#Max	--	--	20.08	20.03	20.09	20.10
		50%	#0	--	--	19.39	19.32	19.16	19.41
		50%	#Mid	--	--	19.24	19.33	19.23	19.36
		50%	#Max	--	--	19.17	19.13	19.24	19.26
		100%	--	--	--	19.23	19.18	19.22	19.35
	256QPSK	1	#0	--	--	16.82	16.91	17.03	17.16
		1	#Mid	--	--	16.71	16.82	16.93	17.05
		1	#Max	--	--	16.62	16.73	16.83	16.93
		50%	#0	--	--	16.76	16.86	16.96	17.06
		50%	#Mid	--	--	16.65	16.72	16.86	16.93
		50%	#Max	--	--	16.52	16.65	16.76	16.82
		100%	--	--	--	16.63	16.74	16.85	16.94
Mid	QPSK	1	#0	--	--	22.32	22.31	22.06	22.49
		1	#Mid	--	--	22.17	22.18	22.09	22.30
		1	#Max	--	--	21.98	21.97	22.02	22.06
		50%	#0	--	--	21.33	21.43	21.30	21.45
		50%	#Mid	--	--	21.25	21.28	21.21	21.36
		50%	#Max	--	--	21.15	21.19	21.17	21.25
		100%	--	--	--	21.37	21.36	21.23	21.38
	16QAM	1	#0	--	--	21.25	21.31	21.38	21.48
		1	#Mid	--	--	21.37	21.28	21.22	21.33
		1	#Max	--	--	21.43	21.11	21.19	21.22
		50%	#0	--	--	20.44	20.45	20.31	20.47
		50%	#Mid	--	--	20.33	20.29	20.24	20.38
		50%	#Max	--	--	20.23	20.15	20.19	20.28
		100%	--	--	--	20.43	20.20	20.28	20.32

	64QAM	1	#0	--	--	20.11	20.27	20.25	20.39
		1	#Mid	--	--	20.14	20.21	20.13	20.26
		1	#Max	--	--	20.04	20.45	20.10	20.14
		50%	#0	--	--	19.30	19.25	19.36	19.40
		50%	#Mid	--	--	19.26	19.25	19.17	19.39
		50%	#Max	--	--	19.16	19.12	19.27	19.24
		100%	--	--	--	19.12	19.23	19.28	19.32
	256QPSK	1	#0	--	--	16.85	16.95	17.05	17.18
		1	#Mid	--	--	16.73	16.84	16.95	17.07
		1	#Max	--	--	16.62	16.72	16.82	16.95
		50%	#0	--	--	16.78	16.88	16.98	17.08
		50%	#Mid	--	--	16.65	16.71	16.82	16.95
		50%	#Max	--	--	16.55	16.62	16.72	16.83
		100%	--	--	--	16.64	16.75	16.88	16.98
High	QPSK	1	#0	--	--	22.32	22.29	21.93	22.41
		1	#Mid	--	--	22.21	22.18	22.07	22.26
		1	#Max	--	--	21.91	22.04	21.86	22.06
		50%	#0	--	--	21.29	21.37	21.23	21.44
		50%	#Mid	--	--	21.20	21.31	21.18	21.35
		50%	#Max	--	--	21.15	21.18	21.14	21.24
		100%	--	--	--	21.26	21.34	21.23	21.37
	16QAM	1	#0	--	--	21.45	21.36	21.37	21.49
		1	#Mid	--	--	21.24	21.29	21.27	21.33
		1	#Max	--	--	21.16	21.13	20.96	21.27
		50%	#0	--	--	20.34	20.27	20.21	20.43
		50%	#Mid	--	--	20.26	20.22	20.24	20.31
		50%	#Max	--	--	20.14	20.22	20.04	20.24
		100%	--	--	--	20.26	20.25	20.15	20.32
	64QAM	1	#0	--	--	20.28	20.20	20.19	20.31
		1	#Mid	--	--	20.13	20.19	20.09	20.24
		1	#Max	--	--	20.07	20.08	20.15	20.17
		50%	#0	--	--	19.33	19.37	19.25	19.46
		50%	#Mid	--	--	19.14	19.27	19.17	19.34
		50%	#Max	--	--	19.18	19.13	19.16	19.22
		100%	--	--	--	19.30	19.28	19.15	19.36
	256QPSK	1	#0	--	--	16.81	16.92	17.04	17.16
		1	#Mid	--	--	16.74	16.81	16.95	17.08
		1	#Max	--	--	16.64	16.72	16.82	16.95
		50%	#0	--	--	16.74	16.84	16.94	17.04
		50%	#Mid	--	--	16.64	16.72	16.84	16.95
		50%	#Max	--	--	16.55	16.61	16.73	16.82
		100%	--	--	--	16.64	16.74	16.84	16.94

Channel	Modulation	LTE Band 66							
		RB	RB	Maximum Conducted Output Power					
		No.	Offset	1.4M	3M	5M	10M	15M	20M
Low	QPSK	1	#0	21.92	22.03	22.14	22.24	22.34	22.41
		1	#Mid	21.86	21.91	22.03	22.10	22.25	22.32
		1	#Max	21.77	21.85	21.90	22.06	22.14	22.24
		50%	#0	21.88	21.97	22.04	22.10	22.23	22.26
		50%	#Mid	21.75	21.83	21.96	22.03	22.15	22.25
		50%	#Max	21.64	21.72	21.82	21.95	22.09	22.15
		100%	--	21.78	21.87	21.94	22.08	22.13	22.21
	16QAM	1	#0	21.89	21.93	22.09	22.16	22.25	22.36
		1	#Mid	21.79	21.81	21.90	22.08	22.19	22.24
		1	#Max	21.64	21.75	21.89	21.95	22.05	22.18
		50%	#0	20.89	20.93	21.09	21.06	21.22	21.20
		50%	#Mid	20.71	20.85	20.94	20.93	21.15	21.19
		50%	#Max	20.65	20.79	20.84	20.82	21.08	21.03
		100%	--	20.71	20.81	20.96	21.19	21.17	21.11
	64QAM	1	#0	20.73	20.93	21.00	21.16	21.14	21.45
		1	#Mid	20.60	20.86	20.93	21.07	21.09	21.35
		1	#Max	20.54	20.72	20.80	20.90	20.94	21.23
		50%	#0	19.75	19.94	20.07	20.08	20.14	20.43
		50%	#Mid	19.63	19.83	19.95	19.91	20.08	20.37
		50%	#Max	19.54	19.71	19.84	19.89	19.96	20.24
		100%	--	19.67	19.84	19.92	19.92	20.10	20.32
	256QPSK	1	#0	15.52	15.55	15.56	15.52	15.54	15.71
		1	#Mid	15.45	15.41	15.44	15.47	15.47	15.65
		1	#Max	15.32	15.37	15.31	15.36	15.32	15.53
		50%	#0	15.41	15.42	15.45	15.44	15.44	15.63
		50%	#Mid	15.37	15.33	15.39	15.32	15.35	15.52
		50%	#Max	15.25	15.21	15.26	15.29	15.23	15.43
		100%	--	15.31	15.34	15.38	15.11	15.39	15.56
Mid	QPSK	1	#0	21.95	22.05	22.11	22.23	22.35	22.46
		1	#Mid	21.84	21.98	22.09	22.16	22.29	22.34
		1	#Max	21.70	21.87	21.96	22.05	22.15	22.29
		50%	#0	21.84	21.92	22.01	22.14	22.20	22.30
		50%	#Mid	21.72	21.88	21.91	22.07	22.13	22.26
		50%	#Max	21.65	21.71	21.86	21.96	22.04	22.18
		100%	--	21.76	21.83	21.94	22.01	22.13	22.24
	16QAM	1	#0	21.81	21.95	21.91	22.13	22.25	22.31
		1	#Mid	21.78	21.87	21.86	22.06	22.18	22.26
		1	#Max	21.64	21.79	21.74	21.92	22.00	22.10
		50%	#0	20.80	20.96	20.91	21.13	21.27	21.25
		50%	#Mid	20.74	20.83	20.82	21.03	21.11	21.17
		50%	#Max	20.61	20.70	20.73	20.99	21.06	21.05
		100%	--	20.75	20.86	20.84	21.03	21.19	21.16

	64QAM	1	#0	20.81	20.95	20.91	21.13	21.25	21.34
		1	#Mid	20.70	20.87	20.81	21.00	21.11	21.25
		1	#Max	20.66	20.76	20.72	20.99	21.06	21.14
		50%	#0	19.84	19.99	19.95	20.14	20.18	20.27
		50%	#Mid	19.73	19.89	19.80	20.03	20.00	20.18
		50%	#Max	19.62	19.78	19.75	19.93	19.91	20.06
		100%	--	19.71	19.83	19.82	20.08	20.10	20.15
	256QPSK	1	#0	15.41	15.44	15.40	15.46	15.41	15.69
		1	#Mid	15.34	15.36	15.34	15.37	15.36	15.54
		1	#Max	15.24	15.25	15.25	15.22	15.24	15.43
		50%	#0	15.32	15.35	15.31	15.36	15.34	15.55
		50%	#Mid	15.28	15.21	15.23	15.29	15.27	15.42
		50%	#Max	15.17	15.17	15.15	15.17	15.12	15.39
		100%	--	15.23	15.25	15.27	15.27	15.21	15.42
High	QPSK	1	#0	21.91	22.04	22.09	22.21	22.31	22.44
		1	#Mid	21.86	21.95	21.94	22.10	22.29	22.30
		1	#Max	21.77	21.88	21.82	22.04	22.12	22.23
		50%	#0	21.81	21.97	21.99	22.13	22.22	22.26
		50%	#Mid	21.76	21.83	21.83	22.04	22.14	22.23
		50%	#Max	21.61	21.73	21.72	21.94	22.04	22.17
		100%	--	21.75	21.86	21.87	22.04	22.13	22.23
	16QAM	1	#0	21.86	21.92	22.01	22.11	22.29	22.32
		1	#Mid	21.74	21.85	21.99	22.07	22.13	22.23
		1	#Max	21.65	21.71	21.88	21.91	22.06	22.19
		50%	#0	20.84	20.87	20.98	21.16	21.27	21.34
		50%	#Mid	20.75	20.77	20.82	21.06	21.17	21.27
		50%	#Max	20.69	20.61	20.76	20.93	21.08	21.19
		100%	--	20.78	20.74	20.83	21.06	21.13	21.24
	64QAM	1	#0	20.83	20.96	21.08	21.16	21.24	21.33
		1	#Mid	20.79	20.89	20.93	21.05	21.18	21.20
		1	#Max	20.69	20.79	20.89	20.94	21.09	21.13
		50%	#0	19.85	19.96	20.01	20.16	20.29	20.33
		50%	#Mid	19.72	19.86	19.91	20.02	20.16	20.25
		50%	#Max	19.66	19.74	19.82	19.91	20.06	20.11
		100%	--	19.75	19.83	19.93	20.07	19.95	20.26
	256QPSK	1	#0	15.32	15.34	15.38	15.31	15.39	15.74
		1	#Mid	15.27	15.23	15.25	15.25	15.27	15.65
		1	#Max	15.15	15.15	15.14	15.18	15.11	15.59
		50%	#0	15.21	15.29	15.24	15.24	15.27	15.62
		50%	#Mid	15.13	15.16	15.15	15.17	15.15	15.52
		50%	#Max	15.04	15.02	15.06	15.03	15.09	15.45
		100%	--	15.17	15.14	15.14	15.18	15.12	15.55

NR n2				Ant 0				
BW (MHz)	Modulation	Channel		372000	376000	380000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1860	1880	1900		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	23.63	23.69	23.62	0	24
	QPSK	1	#1	23.74	23.75	23.76	0	24
		1	#Mid	23.64	23.66	23.62	0	24
		1	#Max	23.54	23.56	23.52	0	24
		50%	#0	22.51	22.55	22.54	1	23
		50%	#Mid	22.61	22.65	22.64	1	23
		50%	#Max	22.41	22.45	22.44	1	23
		100%	--	22.51	22.55	22.54	1	23
	16QAM	1	#1	22.32	22.37	22.35	1	23
	64QAM	1	#1	21.31	21.35	21.33	2	22
	256QAM	1	#1	19.34	19.38	19.32	3	21
	CP-OFDM QPSK	1	#1	22.21	22.29	22.24	1	23
BW (MHz)	Modulation	Channel		371500	376000	380500	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1857.5	1880	1902.5		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	23.37	23.40	23.37	0	24
	QPSK	1	#1	23.46	23.53	23.49	0	24
		1	#Mid	23.36	23.43	23.39	0	24
		1	#Max	23.26	23.33	23.29	0	24
		50%	#0	22.28	22.34	22.27	1	23
		50%	#Mid	22.38	22.44	22.37	1	23
		50%	#Max	22.18	22.24	22.17	1	23
		100%	--	22.28	22.34	22.27	1	23
	16QAM	1	#1	22.09	22.11	22.07	1	23
	64QAM	1	#1	21.08	21.12	21.10	2	22
	256QAM	1	#1	19.07	19.11	19.10	3	21
	CP-OFDM QPSK	1	#1	22.14	22.15	22.12	1	23

BW (MHz)	Modulation	Channel		371000	376000	381000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1855	1880	1905		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	23.38	23.40	23.36	0	24
	QPSK	1	#1	23.46	23.53	23.51	0	24
		1	#Mid	23.36	23.43	23.41	0	24
		1	#Max	23.26	23.33	23.31	0	24
		50%	#0	22.24	22.22	22.19	1	23
		50%	#Mid	22.25	22.32	22.29	1	23
		50%	#Max	22.07	22.02	22.09	1	23
		100%	--	22.22	22.23	22.18	1	23
	16QAM	1	#1	22.10	22.12	22.11	1	23
	64QAM	1	#1	21.06	21.12	21.09	2	22
	256QAM	1	#1	19.07	19.10	19.08	3	21
	CP-OFDM QPSK	1	#1	22.02	22.09	22.05	1	23

BW (MHz)	Modulation	Channel		370500	376000	381500	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1852.5	1880	1907.5		
		RB No.	RB Offset	Measured Power (dBm)				
5M	PI/2 BPSK	1	#1	23.30	23.29	23.17	0	24
	QPSK	1	#1	23.36	23.37	23.25	0	24
		1	#Mid	23.26	23.27	23.15	0	24
		1	#Max	23.16	23.17	23.05	0	24
		50%	#0	22.14	22.15	21.99	1	23
		50%	#Mid	22.14	22.25	22.09	1	23
		50%	#Max	22.04	22.05	21.89	1	23
		100%	--	22.09	22.08	21.97	1	23
	16QAM	1	#1	21.93	21.97	22.05	1	23
	64QAM	1	#1	20.94	20.98	20.87	2	22
	256QAM	1	#1	19.15	19.18	19.12	3	21
	CP-OFDM QPSK	1	#1	21.92	21.95	21.94	1	23

NR n5				Ant 0				
BW (MHz)	Modulation	Channel		166800	167300	167800	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		834	836.5	839		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	25.33	25.36	25.35	0	25.5
	QPSK	1	#1	25.41	25.45	25.42	0	25.5
		1	#Mid	25.31	25.35	25.32	0	25.5
		1	#Max	25.21	25.25	25.22	0	25.5
		50%	#0	24.32	24.34	24.32	1	24.5
		50%	#Mid	24.42	24.44	24.41	1	24.5
		50%	#Max	24.21	24.24	24.22	1	24.5
		100%	--	24.34	24.35	24.33	1	24.5
	16QAM	1	#1	24.41	24.44	24.42	1	24.5
	64QAM	1	#1	23.43	23.49	23.46	2	23.5
	256QAM	1	#1	22.45	22.47	22.42	3	22.5
	CP-OFDM QPSK	1	#1	23.44	23.48	23.46	2	23.5
BW (MHz)	Modulation	Channel		166300	167300	168300	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		831.5	836.5	841.5		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	25.25	25.28	25.22	0	25.5
	QPSK	1	#1	25.33	25.39	25.35	0	25.5
		1	#Mid	25.22	25.25	25.24	0	25.5
		1	#Max	25.11	25.15	25.12	0	25.5
		50%	#0	24.26	24.29	24.21	1	24.5
		50%	#Mid	24.36	24.39	24.31	1	24.5
		50%	#Max	24.16	24.19	24.11	1	24.5
		100%	--	24.21	24.26	24.25	1	24.5
	16QAM	1	#1	24.32	24.39	24.31	1	24.5
	64QAM	1	#1	23.31	23.37	23.32	2	23.5
	256QAM	1	#1	22.31	22.34	22.32	3	22.5
	CP-OFDM QPSK	1	#1	23.37	23.38	23.36	2	23.5

BW (MHz)	Modulation	Channel		165800	167300	168800	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		829	836.5	844		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	25.11	25.18	25.13	0	25.5
	QPSK	1	#1	25.22	25.25	25.22	0	25.5
		1	#Mid	25.12	25.15	25.12	0	25.5
		1	#Max	25.02	25.05	25.02	0	25.5
		50%	#0	24.11	24.17	24.15	1	24.5
		50%	#Mid	24.21	24.27	24.26	1	24.5
		50%	#Max	24.01	24.00	24.01	1	24.5
		100%	--	24.12	24.16	24.14	1	24.5
	16QAM	1	#1	24.25	24.29	24.22	1	24.5
	64QAM	1	#1	23.21	23.27	23.25	2	23.5
	256QAM	1	#1	22.25	22.27	22.25	3	22.5
	CP-OFDM QPSK	1	#1	23.25	23.27	23.21	2	23.5
BW (MHz)	Modulation	Channel		165300	167300	169300	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		826.5	836.5	846.5		
		RB No.	RB Offset	Measured Power (dBm)				
5M	PI/2 BPSK	1	#1	25.21	25.28	25.25	0	25.5
	QPSK	1	#1	25.23	25.29	25.22	0	25.5
		1	#Mid	25.22	25.25	25.21	0	25.5
		1	#Max	25.12	25.18	25.15	0	25.5
		50%	#0	24.31	24.32	24.30	1	24.5
		50%	#Mid	24.40	24.41	24.39	1	24.5
		50%	#Max	24.19	24.20	24.15	1	24.5
		100%	--	24.33	24.34	24.32	1	24.5
	16QAM	1	#1	24.39	24.40	24.34	1	24.5
	64QAM	1	#1	23.42	23.48	23.44	2	23.5
	256QAM	1	#1	22.43	22.45	22.40	3	22.5
	CP-OFDM QPSK	1	#1	23.42	23.46	23.44	2	23.5

NR n7				Ant 0				
BW (MHz)	Modulation	Channel		504000	507000	510000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2520	2535	2550		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	24.72	24.76	24.71	0	25.5
	QPSK	1	#1	24.83	24.87	24.82	0	25.5
		1	#Mid	24.73	24.79	24.75	0	25.5
		1	#Max	24.62	24.67	24.65	0	25.5
		50%	#0	23.53	23.59	23.55	1.5	24
		50%	#Mid	23.62	23.69	23.64	1.5	24
		50%	#Max	23.42	23.47	23.44	1.5	24
		100%	--	23.54	23.58	23.53	1.5	24
	16QAM	1	#1	23.42	23.47	23.44	1.5	24
	64QAM	1	#1	21.74	21.78	21.76	3.5	22
	256QAM	1	#1	19.51	19.55	19.54	5.5	20
	CP-OFDM QPSK	1	#1	23.31	23.34	23.33	2	23.5
BW (MHz)	Modulation	Channel		503000	507000	511000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2515	2535	2555		
		RB No.	RB Offset	Measured Power (dBm)				
30M	PI/2 BPSK	1	#1	24.11	24.15	24.02	0	25.5
	QPSK	1	#1	24.25	24.38	24.27	0	25.5
		1	#Mid	24.05	24.19	24.04	0	25.5
		1	#Max	23.93	24.06	23.95	0	25.5
		50%	#0	23.23	23.35	23.34	1.5	24
		50%	#Mid	23.32	23.47	23.31	1.5	24
		50%	#Max	23.14	23.25	23.22	1.5	24
		100%	--	23.24	23.27	23.25	1.5	24
	16QAM	1	#1	23.32	23.36	23.34	1.5	24
	64QAM	1	#1	21.63	21.66	21.52	3.5	22
	256QAM	1	#1	19.24	19.37	19.35	5.5	20
	CP-OFDM QPSK	1	#1	22.97	23.05	22.93	2	23.5

BW (MHz)	Modulation	Channel		502500	507000	511500	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2512.5	2535	2557.5		
		RB No.	RB Offset	Measured Power (dBm)				
25M	PI/2 BPSK	1	#1	24.32	24.35	24.21	0	25.5
	QPSK	1	#1	24.32	24.37	24.23	0	25.5
		1	#Mid	24.31	24.38	24.33	0	25.5
		1	#Max	24.25	24.27	24.12	0	25.5
		50%	#0	22.91	22.98	22.85	1.5	24
		50%	#Mid	23.02	23.07	23.05	1.5	24
		50%	#Max	22.83	22.85	22.84	1.5	24
		100%	--	22.82	22.84	22.81	1.5	24
	16QAM	1	#1	22.87	22.95	22.91	1.5	24
	64QAM	1	#1	21.25	21.27	21.22	3.5	22
	256QAM	1	#1	19.11	19.18	19.15	5.5	20
	CP-OFDM QPSK	1	#1	22.69	22.88	22.83	2	23.5
BW (MHz)	Modulation	Channel		502000	507000	512000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2510	2535	2560		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	24.32	24.35	24.21	0	25.5
	QPSK	1	#1	24.35	24.38	24.32	0	25.5
		1	#Mid	24.27	24.35	24.23	0	25.5
		1	#Max	24.16	24.29	24.15	0	25.5
		50%	#0	23.32	23.45	23.31	1.5	24
		50%	#Mid	23.52	23.54	23.51	1.5	24
		50%	#Max	23.32	23.37	23.35	1.5	24
		100%	--	23.41	23.46	23.44	1.5	24
	16QAM	1	#1	23.23	23.25	23.21	1.5	24
	64QAM	1	#1	21.53	21.67	21.63	3.5	22
	256QAM	1	#1	18.34	18.35	18.31	5.5	20
	CP-OFDM QPSK	1	#1	22.32	22.35	22.31	2	23.5

BW (MHz)	Modulation	Channel		501500	507000	512500	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2507.5	2535	2562.5		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	24.21	24.27	24.13	0	25.5
	QPSK	1	#1	24.23	24.29	24.19	0	25.5
		1	#Mid	24.12	24.16	24.15	0	25.5
		1	#Max	24.01	24.04	23.99	0	25.5
		50%	#0	22.88	22.77	22.64	1.5	24
		50%	#Mid	22.95	22.99	22.85	1.5	24
		50%	#Max	22.69	22.67	22.64	1.5	24
		100%	--	22.73	22.76	22.73	1.5	24
	16QAM	1	#1	22.81	22.74	22.69	1.5	24
	64QAM	1	#1	21.31	21.35	21.27	3.5	22
	256QAM	1	#1	19.14	19.16	19.05	5.5	20
	CP-OFDM QPSK	1	#1	22.45	22.46	22.43	2	23.5
BW (MHz)	Modulation	Channel		501000	507000	513000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2505	2535	2565		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	24.15	24.17	24.12	0	25.5
	QPSK	1	#1	24.21	24.29	24.25	0	25.5
		1	#Mid	24.15	24.18	24.13	0	25.5
		1	#Max	24.03	24.05	24.04	0	25.5
		50%	#0	22.75	22.78	22.73	1.5	24
		50%	#Mid	22.83	22.86	22.84	1.5	24
		50%	#Max	22.63	22.67	22.64	1.5	24
		100%	--	22.74	22.77	22.75	1.5	24
	16QAM	1	#1	22.75	22.76	22.74	1.5	24
	64QAM	1	#1	21.04	21.09	20.95	3.5	22
	256QAM	1	#1	18.75	18.77	18.73	5.5	20
	CP-OFDM QPSK	1	#1	22.42	22.45	22.43	2	23.5

BW (MHz)	Modulation	Channel		500500	507000	513500	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2502.5	2535	2567.5		
		RB No.	RB Offset	Measured Power (dBm)				
5M	PI/2 BPSK	1	#1	24.23	24.28	24.25	0	25.5
	QPSK	1	#1	22.32	24.37	24.33	0	25.5
		1	#Mid	24.23	24.26	24.21	0	25.5
		1	#Max	24.12	24.17	24.13	0	25.5
		50%	#0	22.86	22.88	22.84	1.5	24
		50%	#Mid	22.94	22.97	22.83	1.5	24
		50%	#Max	22.67	22.78	22.75	1.5	24
		100%	--	22.84	22.88	22.81	1.5	24
	16QAM	1	#1	22.79	22.86	22.84	1.5	24
	64QAM	1	#1	21.15	21.17	21.12	3.5	22
	256QAM	1	#1	18.79	18.86	18.85	5.5	20
	CP-OFDM QPSK	1	#1	22.34	22.58	22.53	2	23.5

NR n12				Ant 0				
BW (MHz)	Modulation	Channel		141300	141500	141700	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		706.5	707.5	708.5		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	25.33	25.36	25.39	0	25.5
	QPSK	1	#1	25.43	25.46	25.44	0	25.5
		1	#Mid	25.33	25.36	25.34	0	25.5
		1	#Max	25.23	25.26	25.24	0	25.5
		50%	#0	24.82	24.87	24.82	0.5	25
		50%	#Mid	24.97	24.97	24.92	0.5	25
		50%	#Max	24.77	24.77	24.72	0.5	25
		100%	--	24.81	24.84	24.88	0.5	25
	16QAM	1	#1	24.83	24.86	24.87	0.5	25
	64QAM	1	#1	23.84	23.85	23.89	1	24.5
	256QAM	1	#1	21.98	21.92	21.99	2	23.5
	CP-OFDM QPSK	1	#1	23.99	23.94	23.91	1	24.5
BW (MHz)	Modulation	Channel		140800	141500	142200	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		704	707.5	711		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	25.20	25.24	25.25	0	25.5
	QPSK	1	#1	25.34	25.34	25.31	0	25.5
		1	#Mid	25.24	25.24	25.21	0	25.5
		1	#Max	25.14	25.14	25.11	0	25.5
		50%	#0	24.81	24.80	24.79	0.5	25
		50%	#Mid	24.73	24.70	24.72	0.5	25
		50%	#Max	24.63	24.60	24.62	0.5	25
		100%	--	24.73	24.70	24.79	0.5	25
	16QAM	1	#1	24.73	24.74	24.77	0.5	25
	64QAM	1	#1	23.74	23.75	23.74	1	24.5
	256QAM	1	#1	21.89	21.87	21.88	2	23.5
	CP-OFDM QPSK	1	#1	23.85	23.89	23.84	1	24.5

BW (MHz)	Modulation	Channel		140300	141500	142700	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		701.5	707.5	713.5		
		RB No.	RB Offset	Measured Power (dBm)				
5M	PI/2 BPSK	1	#1	25.11	25.19	25.14	0	25.5
	QPSK	1	#1	25.20	25.27	25.26	0	25.5
		1	#Mid	25.10	25.17	25.16	0	25.5
		1	#Max	25.00	25.07	25.06	0	25.5
		50%	#0	24.71	24.74	24.78	0.5	25
		50%	#Mid	24.61	24.64	24.68	0.5	25
		50%	#Max	24.51	24.54	24.58	0.5	25
		100%	--	24.62	24.63	24.66	0.5	25
	16QAM	1	#1	24.76	24.76	24.78	0.5	25
	64QAM	1	#1	23.61	23.64	23.69	1	24.5
	256QAM	1	#1	21.74	21.79	21.79	2	23.5
	CP-OFDM QPSK	1	#1	23.82	23.84	23.86	1	24.5

NR n13				Ant 0				
BW (MHz)	Modulation	Channel		--	156400	--	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		--	782	--		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	--	23.72	--	1	25.5
	QPSK	1	#1	--	24.51	--	0	25.5
		1	#Mid	--	24.41	--	0	25.5
		1	#Max	--	24.31	--	0	25.5
		50%	#0	--	23.46	--	1	24.5
		50%	#Mid	--	23.58	--	1	24.5
		50%	#Max	--	23.31	--	1	24.5
		100%	--	--	23.36	--	1	24.5
	16QAM	1	#1	--	23.49	--	1	24.5
	64QAM	1	#1	--	22.23	--	2	23.5
	256QAM	1	#1	--	20.73	--	3	22.5
	CP-OFDM QPSK	1	#1	--	23.41	--	1	24.5
BW (MHz)	Modulation	Channel		155900	156400	156900	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		779.5	782	784.5		
		RB No.	RB Offset	Measured Power (dBm)				
5M	PI/2 BPSK	1	#1	23.67	23.68	23.64	1	25.5
	QPSK	1	#1	24.25	24.26	24.24	0	25.5
		1	#Mid	24.15	24.16	24.14	0	25.5
		1	#Max	24.05	24.06	24.04	0	25.5
		50%	#0	23.27	23.28	23.36	1	24.5
		50%	#Mid	23.17	23.18	23.26	1	24.5
		50%	#Max	23.07	23.08	23.16	1	24.5
		100%	--	23.26	23.29	23.24	1	24.5
	16QAM	1	#1	22.54	22.59	22.51	1	24.5
	64QAM	1	#1	22.01	22.14	21.92	2	23.5
	256QAM	1	#1	20.52	20.51	20.57	3	22.5
	CP-OFDM QPSK	1	#1	23.39	23.20	22.64	1	24.5

NR n14				Ant 0				
BW (MHz)	Modulation	Channel		--	158600	--	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		--	793	--		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	--	23.72	--	1	24.5
	QPSK	1	#1	--	24.77	--	0	25.5
		1	#Mid	--	24.67	--	1	25.5
		1	#Max	--	24.57	--	1	25.5
		50%	#0	--	23.51	--	1	24.5
		50%	#Mid	--	23.61	--	1	24.5
		50%	#Max	--	23.41	--	1	24.5
		100%	--	--	23.52	--	1.5	24
	16QAM	1	#1	--	22.59	--	2	23.5
	64QAM	1	#1	--	21.93	--	3	22.5
	256QAM	1	#1	--	19.98	--	4	21.5
	CP-OFDM QPSK	1	#1	--	21.97	--	2.5	23
BW (MHz)	Modulation	Channel		158100	158600	159100	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		790.5	793	795.5		
		RB No.	RB Offset	Measured Power (dBm)				
5M	PI/2 BPSK	1	#1	23.48	23.56	23.47	1	24.5
	QPSK	1	#1	24.11	24.21	24.11	0	25.5
		1	#Mid	24.01	24.11	24.01	1	25.5
		1	#Max	23.91	24.01	23.91	1	25.5
		50%	#0	23.31	23.38	23.37	1	24.5
		50%	#Mid	23.41	23.48	23.47	1	24.5
		50%	#Max	23.21	23.28	23.27	1	24.5
		100%	--	23.41	23.48	23.44	1.5	24
	16QAM	1	#1	22.42	22.45	22.37	2	23.5
	64QAM	1	#1	21.83	21.81	21.87	3	22.5
	256QAM	1	#1	19.51	19.53	19.54	4	21.5
	CP-OFDM QPSK	1	#1	21.52	21.89	21.63	2.5	23

NR n25				Ant 0				
BW (MHz)	Modulation	Channel		374000	376500	379000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1870	1882.5	1895		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	23.74	23.78	23.71	0	24
	QPSK	1	#1	23.86	23.88	23.82	0	24
		1	#Mid	23.76	23.78	23.72	0	24
		1	#Max	23.66	23.68	23.62	0	24
		50%	#0	22.65	22.69	22.62	1	23
		50%	#Mid	22.75	22.79	22.72	1	23
		50%	#Max	22.55	22.59	22.52	1	23
		100%	--	22.61	22.68	22.62	1	23
	16QAM	1	#1	22.67	22.69	22.61	1	23
	64QAM	1	#1	21.44	21.48	21.42	2	22
	256QAM	1	#1	19.61	19.68	19.65	3	21
	CP-OFDM QPSK	1	#1	22.66	22.68	22.67	1	23
BW (MHz)	Modulation	Channel		373000	376500	380000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1865	1882.5	1900		
		RB No.	RB Offset	Measured Power (dBm)				
30M	PI/2 BPSK	1	#1	23.51	23.46	23.57	0	24
	QPSK	1	#1	23.62	23.67	23.65	0	24
		1	#Mid	23.52	23.57	23.55	0	24
		1	#Max	23.42	23.47	23.45	0	24
		50%	#0	22.42	22.49	22.48	1	23
		50%	#Mid	22.52	22.59	22.58	1	23
		50%	#Max	22.32	22.39	22.38	1	23
		100%	--	22.41	22.48	22.46	1	23
	16QAM	1	#1	22.42	22.45	22.43	1	23
	64QAM	1	#1	21.24	21.25	21.23	2	22
	256QAM	1	#1	19.42	19.47	19.45	3	21
	CP-OFDM QPSK	1	#1	22.41	22.46	22.45	1	23

BW (MHz)	Modulation	Channel		372500	376500	380500	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1862.5	1882.5	1902.5		
		RB No.	RB Offset	Measured Power (dBm)				
25M	PI/2 BPSK	1	#1	23.56	23.59	23.51	0	24
	QPSK	1	#1	23.62	23.65	22.64	0	24
		1	#Mid	23.52	23.55	23.54	0	24
		1	#Max	23.42	23.45	23.44	0	24
		50%	#0	22.41	22.44	22.42	1	23
		50%	#Mid	22.51	22.54	22.52	1	23
		50%	#Max	22.31	22.34	22.32	1	23
		100%	--	22.41	22.48	22.42	1	23
	16QAM	1	#1	22.46	22.48	22.44	1	23
	64QAM	1	#1	21.24	21.27	21.25	2	22
	256QAM	1	#1	19.43	19.47	19.45	3	21
	CP-OFDM QPSK	1	#1	22.43	22.45	22.41	1	23
BW (MHz)	Modulation	Channel		372000	376500	381000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1860	1882.5	1905		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	23.61	23.68	23.65	0	24
	QPSK	1	#1	23.76	23.79	23.74	0	24
		1	#Mid	23.66	23.69	23.64	0	24
		1	#Max	23.56	23.59	23.54	0	24
		50%	#0	22.56	22.59	22.52	1	23
		50%	#Mid	22.66	22.69	22.62	1	23
		50%	#Max	22.46	22.49	22.42	1	23
		100%	--	22.54	22.57	22.52	1	23
	16QAM	1	#1	22.51	22.56	22.53	1	23
	64QAM	1	#1	21.35	21.39	21.32	2	22
	256QAM	1	#1	19.51	19.57	19.52	3	21
	CP-OFDM QPSK	1	#1	22.52	22.58	22.56	1	23

BW (MHz)	Modulation	Channel		371500	376500	381500	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1857.5	1882.5	1907.5		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	23.44	23.47	23.41	0	24
	QPSK	1	#1	23.57	23.58	23.59	0	24
		1	#Mid	22.45	22.48	22.42	0	24
		1	#Max	22.35	22.38	22.32	0	24
		50%	#0	22.33	22.38	22.32	1	23
		50%	#Mid	22.43	22.48	22.42	1	23
		50%	#Max	22.23	22.28	22.22	1	23
		100%	--	22.35	22.39	22.36	1	23
	16QAM	1	#1	22.31	22.36	22.35	1	23
	64QAM	1	#1	21.15	21.18	21.14	2	22
	256QAM	1	#1	19.34	19.38	19.36	3	21
	CP-OFDM QPSK	1	#1	22.35	22.39	22.32	1	23
BW (MHz)	Modulation	Channel		371000	376500	382000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1855	1882.5	1910		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	23.43	23.48	23.45	0	24
	QPSK	1	#1	23.55	23.58	23.57	0	24
		1	#Mid	23.45	23.48	23.47	0	24
		1	#Max	23.35	23.38	23.37	0	24
		50%	#0	22.25	22.28	22.26	1	23
		50%	#Mid	22.35	22.38	22.36	1	23
		50%	#Max	22.15	22.18	22.16	1	23
		100%	--	22.25	22.28	22.22	1	23
	16QAM	1	#1	22.31	22.35	22.32	1	23
	64QAM	1	#1	21.15	21.19	21.12	2	22
	256QAM	1	#1	19.32	19.37	19.35	3	21
	CP-OFDM QPSK	1	#1	22.31	22.35	22.32	1	23

BW (MHz)	Modulation	Channel		370500	376500	382500	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1852.5	1882.5	1912.5		
		RB No.	RB Offset	Measured Power (dBm)				
5M	PI/2 BPSK	1	#1	23.31	23.39	23.35	0	24
	QPSK	1	#1	23.46	23.48	23.43	0	24
		1	#Mid	23.36	23.38	23.33	0	24
		1	#Max	23.26	23.28	23.23	0	24
		50%	#0	22.15	22.18	22.17	1	23
		50%	#Mid	22.22	22.28	22.27	1	23
		50%	#Max	22.05	22.08	22.07	1	23
		100%	--	22.12	22.16	22.15	1	23
	16QAM	1	#1	22.21	22.25	22.23	1	23
	64QAM	1	#1	21.07	21.08	21.05	2	22
	256QAM	1	#1	19.27	19.29	19.25	3	21
	CP-OFDM QPSK	1	#1	22.24	22.28	22.25	1	23

BW (MHz)	Modulation	Channel		164800	166300	167800	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		824	831.5	839		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	24.41	24.44	24.42	0	25.5
	QPSK	1	#1	25.32	25.37	25.35	0	25.5
		1	#Mid	25.22	25.27	25.25	0	25.5
		1	#Max	25.12	25.17	25.15	0	25.5
		50%	#0	24.32	24.35	24.34	1	24.5
		50%	#Mid	24.42	24.45	24.44	1	24.5
		50%	#Max	24.22	24.25	24.24	1	24.5
		100%	--	24.34	24.32	24.31	1	24.5
	16QAM	1	#1	23.93	23.92	23.94	1.5	24
	64QAM	1	#1	22.95	22.98	22.93	2	23.5
	256QAM	1	#1	21.21	21.11	20.85	3	22.5
	CP-OFDM QPSK	1	#1	22.90	22.99	22.92	1.5	24
BW (MHz)	Modulation	Channel		164300	166300	168300	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		821.5	831.5	841.5		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	24.37	24.30	24.35	0	25.5
	QPSK	1	#1	25.27	25.26	25.22	0	25.5
		1	#Mid	25.17	25.16	25.12	0	25.5
		1	#Max	25.07	25.06	25.02	0	25.5
		50%	#0	24.25	24.21	24.21	1	24.5
		50%	#Mid	24.35	24.36	24.31	1	24.5
		50%	#Max	24.15	24.11	24.13	1	24.5
		100%	--	24.27	24.26	24.21	1	24.5
	16QAM	1	#1	23.87	23.87	23.89	1.5	24
	64QAM	1	#1	22.87	22.81	22.84	2	23.5
	256QAM	1	#1	21.17	21.10	20.75	3	22.5
	CP-OFDM QPSK	1	#1	22.89	22.86	22.84	1.5	24

BW (MHz)	Modulation	Channel		163800	166300	168800	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		819	831.5	844		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	24.25	24.22	24.25	0	25.5
	QPSK	1	#1	25.15	25.18	25.15	0	25.5
		1	#Mid	25.05	25.08	25.05	0	25.5
		1	#Max	24.95	24.98	24.95	0	25.5
		50%	#0	24.13	24.14	24.12	1	24.5
		50%	#Mid	24.23	24.24	24.22	1	24.5
		50%	#Max	24.03	24.04	24.02	1	24.5
		100%	--	24.01	24.03	24.02	1	24.5
	16QAM	1	#1	23.79	23.71	23.73	1.5	24
	64QAM	1	#1	22.74	22.75	22.71	2	23.5
	256QAM	1	#1	21.02	21.05	20.81	3	22.5
	CP-OFDM QPSK	1	#1	22.73	22.71	22.78	1.5	24
BW (MHz)	Modulation	Channel		163300	166300	169300	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		816.5	831.5	846.5		
		RB No.	RB Offset	Measured Power (dBm)				
5M	PI/2 BPSK	1	#1	24.17	24.18	24.11	0	25.5
	QPSK	1	#1	25.09	25.07	25.08	0	25.5
		1	#Mid	24.99	24.97	24.98	0	25.5
		1	#Max	24.89	24.87	24.88	0	25.5
		50%	#0	24.05	24.08	24.04	1	24.5
		50%	#Mid	24.15	24.18	24.14	1	24.5
		50%	#Max	23.95	23.98	23.94	1	24.5
		100%	--	23.90	23.98	23.94	1	24.5
	16QAM	1	#1	23.66	23.60	23.61	1.5	24
	64QAM	1	#1	22.69	22.66	22.63	2	23.5
	256QAM	1	#1	20.98	20.99	20.76	3	22.5
	CP-OFDM QPSK	1	#1	22.60	22.67	22.61	1.5	24

NR n30				Ant 0				
BW (MHz)	Modulation	Channel		--	462000	--	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		--	2310	--		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	--	23.21	--	0	23.5
	QPSK	1	#1	--	23.31	--	0	23.5
		1	#Mid	--	23.49	--	0	23.5
		1	#Max	--	23.29	--	0	23.5
		50%	#0	--	23.27	--	0	23.5
		50%	#Mid	--	23.32	--	0	23.5
		50%	#Max	--	23.16	--	0	23.5
		100%	--	--	23.27	--	0	23.5
	16QAM	1	#1	--	19.84	--	2.5	21
	64QAM	1	#1	--	19.72	--	2.5	21
	256QAM	1	#1	--	19.67	--	2.5	21
	CP-OFDM QPSK	1	#1	--	19.85	--	2.5	21
BW (MHz)	Modulation	Channel		461500	462000	462500	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2307.5	2310	2312.5		
		RB No.	RB Offset	Measured Power (dBm)				
5M	PI/2 BPSK	1	#1	23.11	23.19	23.12	0	23.5
	QPSK	1	#1	23.21	23.29	23.22	0	23.5
		1	#Mid	23.32	23.39	23.32	0	23.5
		1	#Max	23.12	23.18	23.15	0	23.5
		50%	#0	23.15	23.17	23.11	0	23.5
		50%	#Mid	23.23	23.27	23.25	0	23.5
		50%	#Max	23.03	23.07	23.02	0	23.5
		100%	--	22.95	22.97	22.91	0	23.5
	16QAM	1	#1	19.62	19.67	19.65	2.5	21
	64QAM	1	#1	19.61	19.57	19.60	2.5	21
	256QAM	1	#1	19.51	19.57	19.55	2.5	21
	CP-OFDM QPSK	1	#1	19.61	19.64	19.62	2.5	21

NR n41				Ant 0/Ant2				
BW (MHz)	Modulation	Channel		509202	518598	528000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2546.01	2592.99	2640		
		RB No.	RB Offset	Measured Power (dBm)				
100M	PI/2 BPSK	1	#1	24.52	24.56	24.51	0	25.5
	QPSK	1	#1	24.63	24.67	24.62	0	25.5
		1	#Mid	24.53	24.59	24.55	0	25.5
		1	#Max	24.42	24.47	24.45	0	25.5
		50%	#0	23.33	23.39	23.35	1.5	24
		50%	#Mid	23.45	23.49	23.42	1.5	24
		50%	#Max	23.25	23.27	23.22	1.5	24
		100%	--	23.31	23.38	23.34	1.5	24
	16QAM	1	#1	23.25	23.27	23.22	1.5	24
	64QAM	1	#1	21.53	21.58	21.54	3.5	22
	256QAM	1	#1	19.32	19.35	19.31	5.5	20
	CP-OFDM QPSK	1	#1	23.12	23.14	23.11	2	23.5
BW (MHz)	Modulation	Channel		508200	518598	528996	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2541	2592.99	2644.98		
		RB No.	RB Offset	Measured Power (dBm)				
90M	PI/2 BPSK	1	#1	23.91	23.95	23.92	0	25.5
	QPSK	1	#1	24.05	24.08	24.07	0	25.5
		1	#Mid	23.95	23.99	23.94	0	25.5
		1	#Max	23.83	23.86	23.85	0	25.5
		50%	#0	23.13	23.15	23.14	1.5	24
		50%	#Mid	23.22	23.27	23.24	1.5	24
		50%	#Max	23.04	23.05	23.02	1.5	24
		100%	--	23.14	23.17	23.15	1.5	24
	16QAM	1	#1	23.13	23.16	23.14	1.5	24
	64QAM	1	#1	21.43	21.46	21.42	3.5	22
	256QAM	1	#1	19.14	19.17	19.15	5.5	20
	CP-OFDM QPSK	1	#1	22.82	22.85	22.83	2	23.5

BW (MHz)	Modulation	Channel		507204	518598	529998	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2536.02	2592.99	2649.99		
		RB No.	RB Offset	Measured Power (dBm)				
80M	PI/2 BPSK	1	#1	24.42	24.45	24.41	0	25.5
	QPSK	1	#1	24.52	24.57	24.53	0	25.5
		1	#Mid	24.42	24.48	24.43	0	25.5
		1	#Max	24.35	24.37	24.32	0	25.5
		50%	#0	23.07	23.08	23.05	1.5	24
		50%	#Mid	23.14	23.17	23.15	1.5	24
		50%	#Max	22.92	22.95	22.94	1.5	24
		100%	--	22.93	22.94	22.91	1.5	24
	16QAM	1	#1	23.04	23.05	23.01	1.5	24
	64QAM	1	#1	21.35	21.37	21.32	3.5	22
	256QAM	1	#1	19.03	19.08	19.05	5.5	20
	CP-OFDM QPSK	1	#1	22.72	22.77	22.73	2	23.5
BW (MHz)	Modulation	Channel		505200	518598	531996	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2526	2592.99	2659.98		
		RB No.	RB Offset	Measured Power (dBm)				
60M	PI/2 BPSK	1	#1	24.32	24.37	24.33	0	25.5
	QPSK	1	#1	24.43	24.49	24.42	0	25.5
		1	#Mid	24.32	24.36	24.31	0	25.5
		1	#Max	24.21	24.24	24.23	0	25.5
		50%	#0	22.90	22.97	22.94	1.5	24
		50%	#Mid	23.04	23.09	23.05	1.5	24
		50%	#Max	22.83	22.87	22.82	1.5	24
		100%	--	22.93	22.96	22.91	1.5	24
	16QAM	1	#1	22.91	22.94	22.93	1.5	24
	64QAM	1	#1	21.23	21.25	21.21	3.5	22
	256QAM	1	#1	18.94	18.96	18.95	5.5	20
	CP-OFDM QPSK	1	#1	22.62	22.66	22.63	2	23.5

BW (MHz)	Modulation	Channel		504204	518598	532998	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2521.02	2592.99	2664.99		
		RB No.	RB Offset	Measured Power (dBm)				
50M	PI/2 BPSK	1	#1	24.25	24.27	24.22	0	25.5
	QPSK	1	#1	24.32	24.39	24.35	0	25.5
		1	#Mid	22.24	24.28	24.23	0	25.5
		1	#Max	24.12	24.15	24.14	0	25.5
		50%	#0	22.85	22.88	22.83	1.5	24
		50%	#Mid	22.95	22.96	22.94	1.5	24
		50%	#Max	22.73	22.77	22.74	1.5	24
		100%	--	22.83	22.87	22.85	1.5	24
	16QAM	1	#1	22.81	22.86	22.83	1.5	24
	64QAM	1	#1	21.14	21.19	21.15	3.5	22
	256QAM	1	#1	18.85	18.87	18.83	5.5	20
	CP-OFDM QPSK	1	#1	22.52	22.55	22.53	2	23.5
BW (MHz)	Modulation	Channel		503202	518598	534000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2516.01	2592.99	2670		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	24.13	24.18	24.15	0	25.5
	QPSK	1	#1	22.25	24.27	24.23	0	25.5
		1	#Mid	24.13	24.16	24.15	0	25.5
		1	#Max	24.02	24.07	24.03	0	25.5
		50%	#0	22.76	22.78	22.75	1.5	24
		50%	#Mid	22.86	22.87	22.84	1.5	24
		50%	#Max	22.63	22.68	22.65	1.5	24
		100%	--	22.74	22.78	22.75	1.5	24
	16QAM	1	#1	22.71	22.76	22.74	1.5	24
	64QAM	1	#1	21.05	21.07	21.02	3.5	22
	256QAM	1	#1	18.74	18.76	18.75	5.5	20
	CP-OFDM QPSK	1	#1	22.42	22.48	22.43	2	23.5

BW (MHz)	Modulation	Channel		502200	518598	534996	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2511	2592.99	2574.98		
		RB No.	RB Offset	Measured Power (dBm)				
30M	PI/2 BPSK	1	#1	22.84	23.85	23.82	0	25.5
	QPSK	1	#1	22.96	23.98	23.94	0	25.5
		1	#Mid	22.84	23.87	23.85	0	25.5
		1	#Max	23.75	23.76	23.74	0	25.5
		50%	#0	22.64	23.66	22.65	1.5	24
		50%	#Mid	22.73	23.79	22.74	1.5	24
		50%	#Max	22.54	22.58	22.57	1.5	24
		100%	--	22.64	22.67	22.65	1.5	24
	16QAM	1	#1	22.62	22.64	22.63	1.5	24
	64QAM	1	#1	20.94	20.97	20.92	3.5	22
	256QAM	1	#1	18.62	18.65	18.63	5.5	20
	CP-OFDM QPSK	1	#1	22.32	22.34	22.31	2	23.5
BW (MHz)	Modulation	Channel		501204	518598	535998	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2506.02	2592.99	2679.99		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	24.12	24.15	24.11	0	25.5
	QPSK	1	#1	24.16	24.18	24.15	0	25.5
		1	#Mid	24.02	24.05	24.03	0	25.5
		1	#Max	23.92	23.99	23.95	0	25.5
		50%	#0	23.23	23.25	23.21	1.5	24
		50%	#Mid	23.32	23.34	23.31	1.5	24
		50%	#Max	23.14	23.17	23.15	1.5	24
		100%	--	23.21	23.26	23.24	1.5	24
	16QAM	1	#1	23.13	23.15	23.11	1.5	24
	64QAM	1	#1	21.42	21.47	21.43	3.5	22
	256QAM	1	#1	18.23	18.25	18.21	5.5	20
	CP-OFDM QPSK	1	#1	22.01	22.05	22.04	2	23.5

BW (MHz)	Modulation	Channel		500700	518598	536496	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2503.5	2592.99	2682.48		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	23.73	23.76	23.75	0	25.5
	QPSK	1	#1	22.86	23.88	23.85	0	25.5
		1	#Mid	23.75	23.78	23.76	0	25.5
		1	#Max	23.64	23.68	23.65	0	25.5
		50%	#0	23.53	22.58	23.54	1.5	24
		50%	#Mid	22.64	22.68	22.65	1.5	24
		50%	#Max	22.44	22.47	22.45	1.5	24
		100%	--	22.56	22.58	22.57	1.5	24
	16QAM	1	#1	22.51	22.55	22.53	1.5	24
	64QAM	1	#1	20.82	20.86	20.83	3.5	22
	256QAM	1	#1	18.51	18.58	18.52	5.5	20
	CP-OFDM QPSK	1	#1	22.23	22.24	22.21	2	23.5
BW (MHz)	Modulation	Channel		500202	518598	537000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2501.01	2592.99	2685		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	23.84	23.85	23.83	0	25.5
	QPSK	1	#1	23.93	23.94	23.92	0	25.5
		1	#Mid	23.83	23.84	23.82	0	25.5
		1	#Max	23.73	23.74	23.72	0	25.5
		50%	#0	23.53	23.54	22.52	1.5	24
		50%	#Mid	22.63	22.64	22.62	1.5	24
		50%	#Max	22.43	22.44	24.42	1.5	24
		100%	--	22.52	22.56	22.54	1.5	24
	16QAM	1	#1	22.54	22.55	22.53	1.5	24
	64QAM	1	#1	20.83	20.85	20.84	3.5	22
	256QAM	1	#1	18.52	18.55	18.51	5.5	20
	CP-OFDM QPSK	1	#1	22.25	22.26	22.22	2	23.5

NR n41_HPUE				Ant 0/Ant2				
BW (MHz)	Modulation	Channel		509202	518598	528000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2546.01	2592.99	2640		
		RB No.	RB Offset	Measured Power (dBm)				
100M	PI/2 BPSK	1	#1	26.61	26.56	26.61	0	27.5
	QPSK	1	#1	26.66	26.68	26.67	0	27.5
		1	#Mid	26.46	26.56	26.55	0	27.5
		1	#Max	26.42	26.44	26.43	0	27.5
		50%	#0	25.27	25.33	25.24	1.5	26
		50%	#Mid	25.53	25.48	25.52	1.5	26
		50%	#Max	25.21	25.27	25.33	1.5	26
		100%	--	25.32	25.41	25.37	1.5	26
	16QAM	1	#1	25.37	25.33	25.29	1.5	26
	64QAM	1	#1	23.48	23.60	23.53	3.5	24
	256QAM	1	#1	21.33	21.44	21.25	5.5	22
	CP-OFDM QPSK	1	#1	25.22	25.17	25.21	2	25.5
BW (MHz)	Modulation	Channel		508200	518598	528996	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2541	2592.99	2644.98		
		RB No.	RB Offset	Measured Power (dBm)				
90M	PI/2 BPSK	1	#1	25.97	25.88	25.88	0	27.5
	QPSK	1	#1	25.96	26.16	26.11	0	27.5
		1	#Mid	25.98	26.03	25.95	0	27.5
		1	#Max	25.83	25.78	25.75	0	27.5
		50%	#0	25.24	25.17	25.19	1.5	26
		50%	#Mid	25.29	25.39	25.28	1.5	26
		50%	#Max	25.16	25.17	25.09	1.5	26
		100%	--	25.12	25.22	25.23	1.5	26
	16QAM	1	#1	25.15	25.11	25.14	1.5	26
	64QAM	1	#1	23.53	23.42	23.36	3.5	24
	256QAM	1	#1	21.15	21.21	21.13	5.5	22
	CP-OFDM QPSK	1	#1	24.93	24.82	24.86	2	25.5

BW (MHz)	Modulation	Channel		507204	518598	529998	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2536.02	2592.99	2649.99		
		RB No.	RB Offset	Measured Power (dBm)				
80M	PI/2 BPSK	1	#1	26.35	26.45	26.38	0	27.5
	QPSK	1	#1	26.62	26.63	26.54	0	27.5
		1	#Mid	26.54	26.42	26.37	0	27.5
		1	#Max	26.37	26.46	26.30	0	27.5
		50%	#0	25.01	25.07	24.99	1.5	26
		50%	#Mid	25.08	25.21	25.28	1.5	26
		50%	#Max	24.89	25.00	24.88	1.5	26
		100%	--	24.89	25.04	24.95	1.5	26
	16QAM	1	#1	24.99	25.11	25.01	1.5	26
	64QAM	1	#1	23.25	23.37	23.43	3.5	24
	256QAM	1	#1	21.08	21.06	21.03	5.5	22
	CP-OFDM QPSK	1	#1	24.74	24.72	24.67	2	25.5
BW (MHz)	Modulation	Channel		505200	518598	531996	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2526	2592.99	2659.98		
		RB No.	RB Offset	Measured Power (dBm)				
60M	PI/2 BPSK	1	#1	26.41	26.39	26.43	0	27.5
	QPSK	1	#1	26.51	26.39	26.45	0	27.5
		1	#Mid	26.41	26.42	26.31	0	27.5
		1	#Max	26.23	26.29	26.13	0	27.5
		50%	#0	24.99	24.99	24.83	1.5	26
		50%	#Mid	25.04	25.03	24.93	1.5	26
		50%	#Max	24.95	24.93	24.74	1.5	26
		100%	--	25.00	24.90	24.95	1.5	26
	16QAM	1	#1	24.87	25.02	24.95	1.5	26
	64QAM	1	#1	23.33	23.23	23.29	3.5	24
	256QAM	1	#1	20.87	20.99	21.05	5.5	22
	CP-OFDM QPSK	1	#1	24.74	24.57	24.57	2	25.5

BW (MHz)	Modulation	Channel		504204	518598	532998	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2521.02	2592.99	2664.99		
		RB No.	RB Offset	Measured Power (dBm)				
50M	PI/2 BPSK	1	#1	26.33	26.31	26.14	0	27.5
	QPSK	1	#1	26.43	26.39	26.27	0	27.5
		1	#Mid	26.13	26.31	26.18	0	27.5
		1	#Max	26.22	26.11	26.15	0	27.5
		50%	#0	24.89	24.80	24.94	1.5	26
		50%	#Mid	24.84	25.01	24.85	1.5	26
		50%	#Max	24.81	24.74	24.84	1.5	26
		100%	--	24.85	24.83	24.91	1.5	26
	16QAM	1	#1	24.77	24.87	24.95	1.5	26
	64QAM	1	#1	23.11	23.20	23.09	3.5	24
	256QAM	1	#1	20.83	20.83	20.83	5.5	22
	CP-OFDM QPSK	1	#1	24.65	24.54	24.44	2	25.5
BW (MHz)	Modulation	Channel		503202	518598	534000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2516.01	2592.99	2670		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	26.20	26.11	26.14	0	27.5
	QPSK	1	#1	26.28	26.32	26.20	0	27.5
		1	#Mid	26.12	26.14	26.26	0	27.5
		1	#Max	26.09	26.13	25.99	0	27.5
		50%	#0	24.80	24.71	24.77	1.5	26
		50%	#Mid	24.85	24.86	24.91	1.5	26
		50%	#Max	24.63	24.64	24.59	1.5	26
		100%	--	24.87	24.76	24.75	1.5	26
	16QAM	1	#1	24.80	24.67	24.81	1.5	26
	64QAM	1	#1	23.08	23.03	23.00	3.5	24
	256QAM	1	#1	20.66	20.69	20.77	5.5	22
	CP-OFDM QPSK	1	#1	24.54	24.44	24.35	2	25.5

BW (MHz)	Modulation	Channel		502200	518598	534996	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2511	2592.99	2574.98		
		RB No.	RB Offset	Measured Power (dBm)				
30M	PI/2 BPSK	1	#1	25.96	25.99	25.96	0	27.5
	QPSK	1	#1	25.87	26.06	26.05	0	27.5
		1	#Mid	25.79	25.81	25.87	0	27.5
		1	#Max	25.77	25.85	25.83	0	27.5
		50%	#0	24.70	24.61	24.60	1.5	26
		50%	#Mid	24.81	24.81	24.76	1.5	26
		50%	#Max	24.55	24.62	24.58	1.5	26
		100%	--	24.65	24.74	24.61	1.5	26
	16QAM	1	#1	24.69	24.60	24.69	1.5	26
	64QAM	1	#1	22.83	22.99	22.95	3.5	24
	256QAM	1	#1	20.58	20.57	20.74	5.5	22
	CP-OFDM QPSK	1	#1	24.24	24.28	24.37	2	25.5
BW (MHz)	Modulation	Channel		501204	518598	535998	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2506.02	2592.99	2679.99		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	26.06	26.13	26.19	0	27.5
	QPSK	1	#1	26.05	26.14	26.25	0	27.5
		1	#Mid	26.13	26.00	25.98	0	27.5
		1	#Max	25.95	25.91	26.01	0	27.5
		50%	#0	25.21	25.30	25.29	1.5	26
		50%	#Mid	25.29	25.37	25.31	1.5	26
		50%	#Max	25.05	25.25	25.03	1.5	26
		100%	--	25.24	25.30	25.23	1.5	26
	16QAM	1	#1	25.02	25.07	25.07	1.5	26
	64QAM	1	#1	23.48	23.52	23.53	3.5	24
	256QAM	1	#1	21.24	21.23	21.19	5.5	22
	CP-OFDM QPSK	1	#1	24.96	25.09	25.12	2	25.5

BW (MHz)	Modulation	Channel		500700	518598	536496	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2503.5	2592.99	2682.48		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	25.70	25.72	25.82	0	27.5
	QPSK	1	#1	25.84	25.90	25.89	0	27.5
		1	#Mid	25.73	25.77	25.70	0	27.5
		1	#Max	25.61	25.64	25.71	0	27.5
		50%	#0	24.49	24.55	24.53	1.5	26
		50%	#Mid	24.75	24.62	24.69	1.5	26
		50%	#Max	24.57	24.50	24.55	1.5	26
		100%	--	24.50	24.55	24.52	1.5	26
	16QAM	1	#1	24.58	24.50	24.56	1.5	26
	64QAM	1	#1	22.84	22.82	22.76	3.5	24
	256QAM	1	#1	20.53	20.66	20.55	5.5	22
	CP-OFDM QPSK	1	#1	24.29	24.29	24.29	2	25.5
BW (MHz)	Modulation	Channel		500202	518598	537000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		2501.01	2592.99	2685		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	25.74	25.79	25.82	0	27.5
	QPSK	1	#1	25.81	25.99	25.83	0	27.5
		1	#Mid	25.84	25.88	25.91	0	27.5
		1	#Max	25.67	25.68	25.62	0	27.5
		50%	#0	24.41	24.47	24.55	1.5	26
		50%	#Mid	24.53	24.64	24.68	1.5	26
		50%	#Max	24.47	24.36	24.46	1.5	26
		100%	--	24.53	24.54	24.52	1.5	26
	16QAM	1	#1	24.57	24.63	24.55	1.5	26
	64QAM	1	#1	22.87	22.78	22.75	3.5	24
	256QAM	1	#1	20.61	20.54	20.41	5.5	22
	CP-OFDM QPSK	1	#1	24.26	24.15	24.14	2	25.5

NR n48				Ant 1				
BW (MHz)	Modulation	Channel		638000	641666	645332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3570	3624.99	3679.98		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	24.35	24.39	24.38	0	25.5
	QPSK	1	#1	24.45	24.49	24.48	0	25.5
		1	#Mid	24.32	24.39	24.34	0	25.5
		1	#Max	24.22	24.29	24.25	0	25.5
		50%	#0	23.35	23.38	23.32	1	24.5
		50%	#Mid	23.43	23.48	23.45	1	24.5
		50%	#Max	23.15	23.28	23.16	1	24.5
		100%	--	23.23	23.38	23.24	1	24.5
	16QAM	1	#1	22.42	22.48	22.45	2	23.5
	64QAM	1	#1	21.72	21.75	21.74	2.5	23
	256QAM	1	#1	19.81	19.85	19.84	4.5	21
	CP-OFDM QPSK	1	#1	21.43	21.48	21.45	3	22.5
BW (MHz)	Modulation	Channel		637334	641666	646000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3560.01	3624.99	3690		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	23.92	23.95	23.92	0	25.5
	QPSK	1	#1	24.04	24.07	24.05	0	25.5
		1	#Mid	24.14	24.15	24.12	0	25.5
		1	#Max	23.83	23.85	23.82	0	25.5
		50%	#0	23.25	23.28	23.22	1	24.5
		50%	#Mid	23.33	23.38	23.35	1	24.5
		50%	#Max	23.01	23.11	23.05	1	24.5
		100%	--	23.09	23.16	23.15	1	24.5
	16QAM	1	#1	22.01	22.05	22.02	2	23.5
	64QAM	1	#1	21.02	21.05	21.03	2.5	23
	256QAM	1	#1	19.02	19.05	19.03	4.5	21
	CP-OFDM QPSK	1	#1	21.32	21.36	21.35	3	22.5

BW (MHz)	Modulation	Channel		637168	641666	646166	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3557.52	3624.99	3692.49		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	24.25	24.29	23.74	0	25.5
	QPSK	1	#1	24.35	24.37	24.34	0	25.5
		1	#Mid	24.25	24.28	24.21	0	25.5
		1	#Max	24.12	24.16	24.13	0	25.5
		50%	#0	23.27	23.28	23.33	1	24.5
		50%	#Mid	23.35	23.39	23.32	1	24.5
		50%	#Max	23.15	23.16	23.12	1	24.5
		100%	--	23.21	23.27	23.15	1	24.5
	16QAM	1	#1	22.37	22.39	22.35	2	23.5
	64QAM	1	#1	21.62	21.68	21.65	2.5	23
	256QAM	1	#1	19.71	19.75	19.74	4.5	21
	CP-OFDM QPSK	1	#1	21.35	21.37	21.34	3	22.5
BW (MHz)	Modulation	Channel		637000	641666	646332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3555	3624.99	3694.98		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	23.31	24.15	23.75	0	25.5
	QPSK	1	#1	23.34	24.29	23.69	0	25.5
		1	#Mid	24.15	24.19	24.12	0	25.5
		1	#Max	24.05	24.09	24.02	0	25.5
		50%	#0	23.11	23.15	23.14	1	24.5
		50%	#Mid	23.21	23.25	23.24	1	24.5
		50%	#Max	23.01	23.05	23.04	1	24.5
		100%	--	23.23	23.24	23.21	1	24.5
	16QAM	1	#1	22.14	22.25	22.12	2	23.5
	64QAM	1	#1	21.53	21.55	21.51	2.5	23
	256QAM	1	#1	19.61	19.68	19.64	4.5	21
	CP-OFDM QPSK	1	#1	21.22	21.26	21.25	3	22.5

NR n48				Ant 3				
BW (MHz)	Modulation	Channel		638000	641666	645332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3570	3624.99	3679.98		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	24.35	24.39	24.38	0	25.5
	QPSK	1	#1	24.45	24.49	24.48	0	25.5
		1	#Mid	24.32	24.39	24.34	0	25.5
		1	#Max	24.22	24.29	24.25	0	25.5
		50%	#0	23.35	23.38	23.32	1	24.5
		50%	#Mid	23.43	23.48	23.45	1	24.5
		50%	#Max	23.15	23.28	23.16	1	24.5
		100%	--	23.23	23.38	23.24	1	24.5
	16QAM	1	#1	22.42	22.48	22.45	2	23.5
	64QAM	1	#1	21.72	21.75	21.74	2.5	23
	256QAM	1	#1	19.81	19.85	19.84	4.5	21
	CP-OFDM QPSK	1	#1	21.43	21.48	21.45	3	22.5
BW (MHz)	Modulation	Channel		637334	641666	646000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3560.01	3624.99	3690		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	23.92	23.95	23.92	0	25.5
	QPSK	1	#1	24.04	24.07	24.05	0	25.5
		1	#Mid	24.14	24.15	24.12	0	25.5
		1	#Max	23.83	23.85	23.82	0	25.5
		50%	#0	23.25	23.28	23.22	1	24.5
		50%	#Mid	23.33	23.38	23.35	1	24.5
		50%	#Max	23.01	23.11	23.05	1	24.5
		100%	--	23.09	23.16	23.15	1	24.5
	16QAM	1	#1	22.01	22.05	22.02	2	23.5
	64QAM	1	#1	21.02	21.05	21.03	2.5	23
	256QAM	1	#1	19.02	19.05	19.03	4.5	21
	CP-OFDM QPSK	1	#1	21.32	21.36	21.35	3	22.5

BW (MHz)	Modulation	Channel		637168	641666	646166	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3557.52	3624.99	3692.49		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	24.25	24.29	23.74	0	25.5
	QPSK	1	#1	24.35	24.37	24.34	0	25.5
		1	#Mid	24.25	24.28	24.21	0	25.5
		1	#Max	24.12	24.16	24.13	0	25.5
		50%	#0	23.27	23.28	23.33	1	24.5
		50%	#Mid	23.35	23.39	23.32	1	24.5
		50%	#Max	23.15	23.16	23.12	1	24.5
		100%	--	23.21	23.27	23.15	1	24.5
	16QAM	1	#1	22.37	22.39	22.35	2	23.5
	64QAM	1	#1	21.62	21.68	21.65	2.5	23
	256QAM	1	#1	19.71	19.75	19.74	4.5	21
	CP-OFDM QPSK	1	#1	21.35	21.37	21.34	3	22.5
BW (MHz)	Modulation	Channel		637000	641666	646332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3555	3624.99	3694.98		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	23.31	24.15	23.75	0	25.5
	QPSK	1	#1	23.34	24.29	23.69	0	25.5
		1	#Mid	24.15	24.19	24.12	0	25.5
		1	#Max	24.05	24.09	24.02	0	25.5
		50%	#0	23.11	23.15	23.14	1	24.5
		50%	#Mid	23.21	23.25	23.24	1	24.5
		50%	#Max	23.01	23.05	23.04	1	24.5
		100%	--	23.23	23.24	23.21	1	24.5
	16QAM	1	#1	22.14	22.25	22.12	2	23.5
	64QAM	1	#1	21.53	21.55	21.51	2.5	23
	256QAM	1	#1	19.61	19.68	19.64	4.5	21
	CP-OFDM QPSK	1	#1	21.22	21.26	21.25	3	22.5

NR n66				Ant 0				
BW (MHz)	Modulation	Channel		346000	349000	352000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1730	1745	1760		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	22.83	22.85	22.81	0	23
	QPSK	1	#1	22.91	22.96	22.95	0	23
		1	#Mid	22.61	22.66	22.65	0	23
		1	#Max	22.71	22.76	22.75	0	23
		50%	#0	22.24	22.28	22.26	0.5	22.5
		50%	#Mid	22.44	22.48	22.45	0.5	22.5
		50%	#Max	22.13	22.18	22.17	0.5	22.5
		100%	--	22.12	22.16	22.14	0.5	22.5
	16QAM	1	#1	22.31	22.36	22.35	0.5	22.5
	64QAM	1	#1	20.91	20.96	20.95	1.5	21.5
	256QAM	1	#1	19.42	19.47	19.45	2.5	20.5
	CP-OFDM QPSK	1	#1	22.23	22.25	22.21	0.5	22.5
BW (MHz)	Modulation	Channel		345000	349000	353000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1725	1745	1765		
		RB No.	RB Offset	Measured Power (dBm)				
30M	PI/2 BPSK	1	#1	22.15	22.18	22.14	0	23
	QPSK	1	#1	22.26	22.28	22.27	0	23
		1	#Mid	22.16	22.18	22.17	0	23
		1	#Max	22.06	22.08	22.08	0	23
		50%	#0	22.01	20.04	22.02	0.5	22.5
		50%	#Mid	22.11	22.14	22.12	0.5	22.5
		50%	#Max	19.91	19.94	19.92	0.5	22.5
		100%	--	21.92	21.98	21.96	0.5	22.5
	16QAM	1	#1	22.11	22.14	22.12	0.5	22.5
	64QAM	1	#1	20.73	20.77	20.74	1.5	21.5
	256QAM	1	#1	19.24	19.28	19.25	2.5	20.5
	CP-OFDM QPSK	1	#1	22.04	22.08	22.07	0.5	22.5

BW (MHz)	Modulation	Channel		344500	349000	353500	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1722.5	1745	1767.5		
		RB No.	RB Offset	Measured Power (dBm)				
25M	PI/2 BPSK	1	#1	21.71	21.78	21.72	0	23
	QPSK	1	#1	21.85	21.89	21.82	0	23
		1	#Mid	21.76	21.79	21.75	0	23
		1	#Max	21.64	21.69	21.65	0	23
		50%	#0	21.61	21.65	21.62	0.5	22.5
		50%	#Mid	21.73	21.75	21.72	0.5	22.5
		50%	#Max	21.52	21.55	21.54	0.5	22.5
		100%	--	21.64	21.67	21.65	0.5	22.5
	16QAM	1	#1	21.72	21.75	21.73	0.5	22.5
	64QAM	1	#1	20.34	20.38	20.35	1.5	21.5
	256QAM	1	#1	18.82	18.89	18.85	2.5	20.5
	CP-OFDM QPSK	1	#1	21.64	21.68	21.65	0.5	22.5
BW (MHz)	Modulation	Channel		344000	349000	354000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1720	1745	1770		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	22.21	22.24	22.23	0	23
	QPSK	1	#1	22.35	22.37	22.36	0	23
		1	#Mid	22.25	22.27	22.26	0	23
		1	#Max	22.15	22.17	22.16	0	23
		50%	#0	22.16	22.18	22.17	0.5	22.5
		50%	#Mid	22.26	22.28	22.27	0.5	22.5
		50%	#Max	22.06	22.08	22.07	0.5	22.5
		100%	--	22.06	22.08	22.07	0.5	22.5
	16QAM	1	#1	22.22	22.26	22.24	0.5	22.5
	64QAM	1	#1	20.84	20.88	20.85	1.5	21.5
	256QAM	1	#1	19.32	19.35	19.34	2.5	20.5
	CP-OFDM QPSK	1	#1	22.11	22.15	22.14	0.5	22.5

BW (MHz)	Modulation	Channel		343500	349000	354500	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1717.5	1745	1772.5		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	22.04	22.09	22.06	0	23
	QPSK	1	#1	22.15	22.17	22.13	0	23
		1	#Mid	22.05	22.07	22.01	0	23
		1	#Max	21.95	21.97	21.91	0	23
		50%	#0	21.95	21.97	21.93	0.5	22.5
		50%	#Mid	22.05	22.07	22.03	0.5	22.5
		50%	#Max	21.85	21.87	21.83	0.5	22.5
		100%	--	21.95	21.97	21.93	0.5	22.5
	16QAM	1	#1	22.04	22.08	22.07	0.5	22.5
	64QAM	1	#1	20.63	20.69	20.64	1.5	21.5
	256QAM	1	#1	19.14	19.18	19.15	2.5	20.5
	CP-OFDM QPSK	1	#1	21.94	21.98	21.97	0.5	22.5
BW (MHz)	Modulation	Channel		343000	349000	355000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1715	1745	1775		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	21.93	21.97	21.94	0	23
	QPSK	1	#1	22.06	22.09	22.05	0	23
		1	#Mid	21.96	21.99	21.95	0	23
		1	#Max	21.86	21.89	21.85	0	23
		50%	#0	21.81	21.89	21.85	0.5	22.5
		50%	#Mid	21.91	21.99	21.95	0.5	22.5
		50%	#Max	21.71	21.79	21.75	0.5	22.5
		100%	--	21.94	21.98	21.93	0.5	22.5
	16QAM	1	#1	21.92	21.99	21.94	0.5	22.5
	64QAM	1	#1	20.52	20.57	20.55	1.5	21.5
	256QAM	1	#1	19.04	19.07	19.02	2.5	20.5
	CP-OFDM QPSK	1	#1	21.82	21.87	21.85	0.5	22.5

BW (MHz)	Modulation	Channel		342500	349000	355500	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1712.5	1745	1777.5		
		RB No.	RB Offset	Measured Power (dBm)				
5M	PI/2 BPSK	1	#1	21.82	21.88	21.85	0	23
	QPSK	1	#1	21.98	21.99	21.93	0	23
		1	#Mid	21.88	21.89	21.83	0	23
		1	#Max	21.78	21.79	21.73	0	23
		50%	#0	21.73	21.75	21.74	0.5	22.5
		50%	#Mid	21.83	21.85	21.84	0.5	22.5
		50%	#Max	21.63	21.65	21.64	0.5	22.5
		100%	--	21.76	21.77	21.75	0.5	22.5
	16QAM	1	#1	21.81	21.85	21.82	0.5	22.5
	64QAM	1	#1	20.43	20.48	20.42	1.5	21.5
	256QAM	1	#1	18.94	18.99	18.95	2.5	20.5
	CP-OFDM QPSK	1	#1	21.72	21.78	21.75	0.5	22.5

NR n70				Ant 0				
BW (MHz)	Modulation	Channel		--	340500	--	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		--	1702.5	--		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	--	22.25	--	0	23
	QPSK	1	#1	--	22.38	--	0	23
		1	#Mid	--	22.18	--	0	23
		1	#Max	--	22.08	--	0	23
		50%	#0	--	22.17	--	0.5	22.5
		50%	#Mid	--	22.27	--	0.5	22.5
		50%	#Max	--	22.07	--	0.5	22.5
		100%	--	--	22.15	--	0.5	22.5
	16QAM	1	#1	--	21.95	--	1	22
	64QAM	1	#1	--	20.89	--	2	21
	256QAM	1	#1	--	18.78	--	3	20
	CP-OFDM QPSK	1	#1	--	22.28	--	0.5	22.5
BW (MHz)	Modulation	Channel		340000	340500	341000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1700	1702.5	1705		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	22.11	22.17	22.16	0	23
	QPSK	1	#1	22.24	22.29	22.27	0	23
		1	#Mid	22.14	22.17	22.17	0	23
		1	#Max	22.04	22.05	22.07	0	23
		50%	#0	22.04	22.06	22.05	0.5	22.5
		50%	#Mid	22.14	22.16	22.15	0.5	22.5
		50%	#Max	21.94	21.96	21.95	0.5	22.5
		100%	--	22.02	22.09	22.05	0.5	22.5
	16QAM	1	#1	21.85	21.86	21.82	1	22
	64QAM	1	#1	20.73	20.78	20.72	2	21
	256QAM	1	#1	18.61	18.69	18.65	3	20
	CP-OFDM QPSK	1	#1	22.12	22.15	22.13	0.5	22.5

BW (MHz)	Modulation	Channel		339500	340500	341500	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		1697.5	1702.5	1707.5		
		RB No.	RB Offset	Measured Power (dBm)				
5M	PI/2 BPSK	1	#1	22.02	22.06	22.01	0	23
	QPSK	1	#1	22.13	22.19	22.15	0	23
		1	#Mid	22.03	22.09	22.05	0	23
		1	#Max	21.93	21.99	21.95	0	23
		50%	#0	21.97	21.99	21.98	0.5	22.5
		50%	#Mid	22.07	22.09	22.08	0.5	22.5
		50%	#Max	21.87	21.89	21.88	0.5	22.5
		100%	--	21.96	21.98	21.92	0.5	22.5
	16QAM	1	#1	21.72	21.79	21.75	1	22
	64QAM	1	#1	20.62	20.68	20.65	2	21
	256QAM	1	#1	18.53	18.59	18.52	3	20
	CP-OFDM QPSK	1	#1	22.07	22.09	22.02	0.5	22.5

NR n71				Ant 0				
BW (MHz)	Modulation	Channel		134600	163100	137600	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		673	680.5	688		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	24.41	24.44	24.42	0	25.5
	QPSK	1	#1	24.51	24.54	24.52	0	25.5
		1	#Mid	24.41	24.44	24.42	0	25.5
		1	#Max	24.31	24.34	24.34	0	25.5
		50%	#0	23.67	23.68	23.69	1	24.5
		50%	#Mid	23.77	23.78	23.76	1	24.5
		50%	#Max	23.57	23.58	23.59	1	24.5
		100%	--	23.67	23.68	23.65	1	24.5
	16QAM	1	#1	23.76	23.75	23.74	1	24.5
	64QAM	1	#1	22.35	22.31	22.37	2	23.5
	256QAM	1	#1	20.41	20.48	20.46	3	22.5
	CP-OFDM QPSK	1	#1	23.53	23.58	23.63	1	24.5
BW (MHz)	Modulation	Channel		134100	136100	138100	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		670.5	680.5	690.5		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	24.26	24.28	24.22	0	25.5
	QPSK	1	#1	24.35	24.33	24.41	0	25.5
		1	#Mid	24.25	24.23	24.21	0	25.5
		1	#Max	24.15	24.13	24.11	0	25.5
		50%	#0	23.61	23.71	23.67	1	24.5
		50%	#Mid	23.51	23.61	23.57	1	24.5
		50%	#Max	23.41	23.51	23.47	1	24.5
		100%	--	23.57	23.61	23.57	1	24.5
	16QAM	1	#1	23.67	23.65	23.65	1	24.5
	64QAM	1	#1	22.28	22.21	22.21	2	23.5
	256QAM	1	#1	20.32	20.32	20.38	3	22.5
	CP-OFDM QPSK	1	#1	23.42	23.45	23.43	1	24.5

BW (MHz)	Modulation	Channel		133600	136100	138600	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		668	680.5	693		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	24.10	24.18	24.16	0	25.5
	QPSK	1	#1	24.23	24.22	24.21	0	25.5
		1	#Mid	24.13	24.12	24.11	0	25.5
		1	#Max	24.03	24.02	24.01	0	25.5
		50%	#0	23.54	23.62	23.56	1	24.5
		50%	#Mid	23.44	23.52	23.57	1	24.5
		50%	#Max	23.34	23.42	23.56	1	24.5
		100%	--	23.64	23.54	23.54	1	24.5
	16QAM	1	#1	23.58	23.53	23.57	1	24.5
	64QAM	1	#1	22.13	22.15	22.12	2	23.5
	256QAM	1	#1	20.23	20.24	20.21	3	22.5
	CP-OFDM QPSK	1	#1	23.32	23.31	23.31	1	24.5
BW (MHz)	Modulation	Channel		133100	136100	139100	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		665.5	680.5	695.5		
		RB No.	RB Offset	Measured Power (dBm)				
5M	PI/2 BPSK	1	#1	24.00	24.00	24.04	0	25.5
	QPSK	1	#1	24.19	24.19	24.12	0	25.5
		1	#Mid	24.09	24.09	24.02	0	25.5
		1	#Max	23.99	23.99	23.92	0	25.5
		50%	#0	23.64	23.62	23.59	1	24.5
		50%	#Mid	23.54	23.52	23.59	1	24.5
		50%	#Max	23.44	23.42	23.49	1	24.5
		100%	--	23.59	23.54	23.55	1	24.5
	16QAM	1	#1	23.58	23.52	23.54	1	24.5
	64QAM	1	#1	22.07	22.07	22.02	2	23.5
	256QAM	1	#1	20.12	20.16	20.17	3	22.5
	CP-OFDM QPSK	1	#1	23.27	23.27	23.21	1	24.5

NR n77				Ant 1/Ant 2/Ant 3				
BW (MHz)	Modulation	Channel		--	633334	--	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		--	3500.01	--		
		RB No.	RB Offset	Measured Power (dBm)				
100M	PI/2 BPSK	1	#1	--	22.69	--	0	23
	QPSK	1	#1	--	22.81	--	0	23
		1	#Mid	--	22.71	--	0	23
		1	#Max	--	22.61	--	0	23
		50%	#0	--	22.21	--	0.5	22.5
		50%	#Mid	--	22.31	--	0.5	22.5
		50%	#Max	--	22.11	--	0.5	22.5
		100%	--	--	22.11	--	0.5	22.5
	16QAM	1	#1	--	22.10	--	0.5	22.5
	64QAM	1	#1	--	22.02	--	0.5	22.5
	256QAM	1	#1	--	20.11	--	2	21
	CP-OFDM QPSK	1	#1	--	22.17	--	0.5	22.5
BW (MHz)	Modulation	Channel		633000	633334	633666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3495	3500.01	3504.99		
		RB No.	RB Offset	Measured Power (dBm)				
90M	PI/2 BPSK	1	#1	22.54	22.58	22.57	0	23
	QPSK	1	#1	22.69	22.71	22.70	0	23
		1	#Mid	22.58	22.61	22.58	0	23
		1	#Max	22.47	22.51	22.47	0	23
		50%	#0	22.08	22.11	22.08	0.5	22.5
		50%	#Mid	22.17	22.21	22.17	0.5	22.5
		50%	#Max	21.97	22.01	21.98	0.5	22.5
		100%	--	22.03	22.10	22.07	0.5	22.5
	16QAM	1	#1	21.94	22.01	21.98	0.5	22.5
	64QAM	1	#1	21.83	21.91	21.88	0.5	22.5
	256QAM	1	#1	19.95	20.01	19.98	2	21
	CP-OFDM QPSK	1	#1	22.07	22.12	22.08	0.5	22.5

BW (MHz)	Modulation	Channel		6326668	633334	634000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3490.02	3500.01	3510		
		RB No.	RB Offset	Measured Power (dBm)				
80M	PI/2 BPSK	1	#1	22.46	22.49	22.48	0	23
	QPSK	1	#1	22.57	22.61	22.58	0	23
		1	#Mid	22.47	22.51	22.48	0	23
		1	#Max	22.36	22.41	22.37	0	23
		50%	#0	21.96	22.01	21.98	0.5	22.5
		50%	#Mid	22.07	22.11	22.08	0.5	22.5
		50%	#Max	21.86	21.91	21.88	0.5	22.5
		100%	--	21.96	22.01	21.98	0.5	22.5
	16QAM	1	#1	21.83	21.88	21.85	0.5	22.5
	64QAM	1	#1	21.78	21.81	21.77	0.5	22.5
	256QAM	1	#1	19.85	19.91	19.88	2	21
	CP-OFDM QPSK	1	#1	21.95	22.02	21.98	0.5	22.5
BW (MHz)	Modulation	Channel		632334	633334	634332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3485.01	3500.01	3514.98		
		RB No.	RB Offset	Measured Power (dBm)				
70M	PI/2 BPSK	1	#1	21.65	21.68	21.66	0	23
	QPSK	1	#1	21.74	21.77	21.75	0	23
		1	#Mid	21.66	21.69	21.68	0	23
		1	#Max	21.57	21.58	21.56	0	23
		50%	#0	21.14	21.16	21.15	0.5	22.5
		50%	#Mid	21.24	21.28	21.25	0.5	22.5
		50%	#Max	21.04	21.07	21.05	0.5	22.5
		100%	--	21.14	21.17	21.15	0.5	22.5
	16QAM	1	#1	21.15	21.19	21.18	0.5	22.5
	64QAM	1	#1	21.04	21.08	21.07	0.5	22.5
	256QAM	1	#1	19.05	19.08	19.04	2	21
	CP-OFDM QPSK	1	#1	21.25	21.28	21.24	0.5	22.5

BW (MHz)	Modulation	Channel		632000	633334	634666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3480	3500.01	3519.99		
		RB No.	RB Offset	Measured Power (dBm)				
60M	PI/2 BPSK	1	#1	22.36	22.41	22.37	0	23
	QPSK	1	#1	22.45	22.51	22.48	0	23
		1	#Mid	22.37	22.41	22.38	0	23
		1	#Max	22.26	22.31	22.28	0	23
		50%	#0	21.87	21.91	21.87	0.5	22.5
		50%	#Mid	21.97	22.01	21.98	0.5	22.5
		50%	#Max	21.77	21.81	21.78	0.5	22.5
		100%	--	21.86	21.91	21.88	0.5	22.5
		16QAM	1	#1	21.77	21.81	21.78	0.5
	64QAM	1	#1	21.64	21.68	21.67	0.5	22.5
	256QAM	1	#1	19.77	19.80	19.78	2	21
	CP-OFDM QPSK	1	#1	21.86	21.89	21.88	0.5	22.5
BW (MHz)	Modulation	Channel		631668	633334	635000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3475.02	3500.01	3525		
		RB No.	RB Offset	Measured Power (dBm)				
50M	PI/2 BPSK	1	#1	22.24	22.30	22.28	0	23
	QPSK	1	#1	22.35	22.41	22.37	0	23
		1	#Mid	22.25	22.31	22.28	0	23
		1	#Max	22.19	22.21	22.18	0	23
		50%	#0	21.75	21.81	21.78	0.5	22.5
		50%	#Mid	21.86	21.91	21.88	0.5	22.5
		50%	#Max	21.67	21.71	21.68	0.5	22.5
		100%	--	21.74	21.78	21.77	0.5	22.5
		16QAM	1	#1	21.67	21.69	21.68	0.5
	64QAM	1	#1	21.58	21.61	21.59	0.5	22.5
	256QAM	1	#1	19.67	19.70	19.68	2	21
	CP-OFDM QPSK	1	#1	21.74	21.79	21.78	0.5	22.5

BW (MHz)	Modulation	Channel		631334	633334	635332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3470.01	3500.01	3529.98		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	22.14	22.18	22.15	0	23
	QPSK	1	#1	22.25	22.30	22.28	0	23
		1	#Mid	22.15	22.20	22.18	0	23
		1	#Max	22.07	22.10	22.08	0	23
		50%	#0	21.67	21.71	21.68	0.5	22.5
		50%	#Mid	21.77	21.81	21.78	0.5	22.5
		50%	#Max	21.58	21.61	21.59	0.5	22.5
		100%	--	21.64	21.70	21.67	0.5	22.5
		16QAM	1	#1	21.67	21.69	21.68	0.5
	64QAM	1	#1	21.56	21.57	21.55	0.5	22.5
	256QAM	1	#1	19.58	19.60	19.59	2	21
	CP-OFDM QPSK	1	#1	21.68	21.70	21.65	0.5	22.5
BW (MHz)	Modulation	Channel		631000	633334	635666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3465	3500.01	3534.99		
		RB No.	RB Offset	Measured Power (dBm)				
30M	PI/2 BPSK	1	#1	22.03	22.12	22.08	0	23
	QPSK	1	#1	22.15	22.22	22.18	0	23
		1	#Mid	22.07	22.12	22.08	0	23
		1	#Max	22.06	22.02	21.98	0	23
		50%	#0	21.56	21.58	21.57	0.5	22.5
		50%	#Mid	21.68	21.71	21.70	0.5	22.5
		50%	#Max	21.47	21.50	21.48	0.5	22.5
		100%	--	21.56	21.61	21.58	0.5	22.5
		16QAM	1	#1	21.55	21.58	21.56	0.5
	64QAM	1	#1	21.47	21.52	21.48	0.5	22.5
	256QAM	1	#1	19.48	19.52	19.49	2	21
	CP-OFDM QPSK	1	#1	21.57	21.58	21.55	0.5	22.5

BW (MHz)	Modulation	Channel		630668	633334	636000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3460.02	3500.01	3540		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	21.95	21.98	21.97	0	23
	QPSK	1	#1	22.06	22.11	22.08	0	23
		1	#Mid	21.96	22.01	21.97	0	23
		1	#Max	21.87	21.91	21.88	0	23
		50%	#0	21.48	21.52	21.51	0.5	22.5
		50%	#Mid	21.57	21.62	21.58	0.5	22.5
		50%	#Max	21.35	21.42	21.37	0.5	22.5
		100%	--	21.45	21.51	21.48	0.5	22.5
	16QAM	1	#1	21.45	21.50	21.46	0.5	22.5
	64QAM	1	#1	21.37	21.42	21.38	0.5	22.5
	256QAM	1	#1	19.35	19.41	19.37	2	21
	CP-OFDM QPSK	1	#1	21.54	21.61	21.55	0.5	22.5
BW (MHz)	Modulation	Channel		630500	633334	636166	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3457.5	3500.01	3542.49		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	21.85	21.91	21.88	0	23
	QPSK	1	#1	21.94	22.01	21.98	0	23
		1	#Mid	21.77	21.81	21.78	0	23
		1	#Max	21.68	21.71	21.67	0	23
		50%	#0	21.36	21.41	21.38	0.5	22.5
		50%	#Mid	21.44	21.51	21.48	0.5	22.5
		50%	#Max	21.25	21.31	21.27	0.5	22.5
		100%	--	21.34	21.39	21.35	0.5	22.5
	16QAM	1	#1	21.36	21.38	21.35	0.5	22.5
	64QAM	1	#1	21.27	21.31	21.28	0.5	22.5
	256QAM	1	#1	19.27	19.28	19.25	2	21
	CP-OFDM QPSK	1	#1	21.45	21.50	21.48	0.5	22.5

BW (MHz)	Modulation	Channel		630334	633334	636332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3455.01	3500.01	3544.98		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	21.77	21.81	21.78	0	23
	QPSK	1	#1	21.87	21.91	21.88	0	23
		1	#Mid	21.77	21.81	21.78	0	23
		1	#Max	21.66	21.71	21.68	0	23
		50%	#0	21.26	21.29	21.28	0.5	22.5
		50%	#Mid	21.35	21.39	21.37	0.5	22.5
		50%	#Max	21.15	21.19	21.18	0.5	22.5
		100%	--	21.25	21.28	21.26	0.5	22.5
	16QAM	1	#1	21.25	21.28	21.26	0.5	22.5
	64QAM	1	#1	21.16	21.21	21.18	0.5	22.5
	256QAM	1	#1	19.15	19.22	19.18	2	21
	CP-OFDM QPSK	1	#1	21.35	21.39	21.37	0.5	22.5

NR n77				Ant 1/Ant 2/Ant 3				
BW (MHz)	Modulation	Channel		650000	656000	662000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3750	3840	3930		
		RB No.	RB Offset	Measured Power (dBm)				
100M	PI/2 BPSK	1	#1	22.82	22.86	22.85	0	23
	QPSK	1	#1	22.94	22.98	22.95	0	23
		1	#Mid	22.82	22.88	22.83	0	23
		1	#Max	22.73	22.78	22.72	0	23
		50%	#0	22.32	22.38	22.35	0.5	22.5
		50%	#Mid	22.46	22.48	22.47	0.5	22.5
		50%	#Max	22.22	22.28	22.25	0.5	22.5
		100%	--	22.21	22.28	22.24	0.5	22.5
	16QAM	1	#1	22.24	22.27	22.25	0.5	22.5
	64QAM	1	#1	22.18	22.19	22.15	0.5	22.5
	256QAM	1	#1	20.22	20.28	20.25	2	21
	CP-OFDM QPSK	1	#1	22.31	22.34	22.33	0.5	22.5
BW (MHz)	Modulation	Channel		649668	656000	662332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3745.02	3840	3934.98		
		RB No.	RB Offset	Measured Power (dBm)				
90M	PI/2 BPSK	1	#1	22.71	22.75	22.74	0	23
	QPSK	1	#1	22.86	22.88	22.87	0	23
		1	#Mid	22.75	22.78	22.75	0	23
		1	#Max	22.64	22.68	22.64	0	23
		50%	#0	22.25	22.28	22.25	0.5	22.5
		50%	#Mid	22.34	22.38	22.34	0.5	22.5
		50%	#Max	22.14	22.18	22.15	0.5	22.5
		100%	--	22.20	22.27	22.24	0.5	22.5
	16QAM	1	#1	22.11	22.18	22.15	0.5	22.5
	64QAM	1	#1	22.00	22.08	22.05	0.5	22.5
	256QAM	1	#1	20.12	20.18	20.15	2	21
	CP-OFDM QPSK	1	#1	22.24	22.29	22.25	0.5	22.5

BW (MHz)	Modulation	Channel		649334	656000	662666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3740.01	3840	3939.99		
		RB No.	RB Offset	Measured Power (dBm)				
80M	PI/2 BPSK	1	#1	22.63	22.66	22.65	0	23
	QPSK	1	#1	22.74	22.78	22.75	0	23
		1	#Mid	22.64	22.68	22.65	0	23
		1	#Max	22.53	22.58	22.54	0	23
		50%	#0	22.13	22.18	22.15	0.5	22.5
		50%	#Mid	22.24	22.28	22.25	0.5	22.5
		50%	#Max	22.03	22.08	22.05	0.5	22.5
		100%	--	22.13	22.18	22.15	0.5	22.5
	16QAM	1	#1	22.00	22.05	22.02	0.5	22.5
	64QAM	1	#1	21.95	21.98	21.94	0.5	22.5
	256QAM	1	#1	20.02	20.08	20.05	2	21
	CP-OFDM QPSK	1	#1	22.12	22.19	22.15	0.5	22.5
BW (MHz)	Modulation	Channel		649000	656000	663000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3735	3840	3945		
		RB No.	RB Offset	Measured Power (dBm)				
70M	PI/2 BPSK	1	#1	21.82	21.85	21.83	0	23
	QPSK	1	#1	21.91	21.94	21.92	0	23
		1	#Mid	21.83	21.86	21.85	0	23
		1	#Max	21.74	21.75	21.73	0	23
		50%	#0	21.31	21.33	21.32	0.5	22.5
		50%	#Mid	21.41	21.45	21.42	0.5	22.5
		50%	#Max	21.21	21.24	21.22	0.5	22.5
		100%	--	21.31	21.34	21.32	0.5	22.5
	16QAM	1	#1	21.32	21.36	21.35	0.5	22.5
	64QAM	1	#1	21.21	21.25	21.24	0.5	22.5
	256QAM	1	#1	19.22	19.25	19.21	2	21
	CP-OFDM QPSK	1	#1	21.42	21.45	21.41	0.5	22.5

BW (MHz)	Modulation	Channel		648668	656000	663332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3730.02	3840	3949.98		
		RB No.	RB Offset	Measured Power (dBm)				
60M	PI/2 BPSK	1	#1	22.53	22.58	22.54	0	23
	QPSK	1	#1	22.62	22.68	22.65	0	23
		1	#Mid	22.54	22.58	22.55	0	23
		1	#Max	22.43	22.48	22.45	0	23
		50%	#0	22.04	22.08	22.04	0.5	22.5
		50%	#Mid	22.14	22.18	22.15	0.5	22.5
		50%	#Max	21.94	21.98	21.95	0.5	22.5
		100%	--	22.03	22.08	22.05	0.5	22.5
	16QAM	1	#1	21.94	21.98	21.95	0.5	22.5
	64QAM	1	#1	21.81	21.85	21.84	0.5	22.5
	256QAM	1	#1	19.94	19.97	19.95	2	21
	CP-OFDM QPSK	1	#1	22.03	22.06	22.05	0.5	22.5
BW (MHz)	Modulation	Channel		648334	656000	663666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3725.01	3840	3954.99		
		RB No.	RB Offset	Measured Power (dBm)				
50M	PI/2 BPSK	1	#1	22.41	22.47	22.45	0	23
	QPSK	1	#1	22.52	22.58	22.54	0	23
		1	#Mid	22.42	22.48	22.45	0	23
		1	#Max	22.36	22.38	22.35	0	23
		50%	#0	21.92	21.98	21.95	0.5	22.5
		50%	#Mid	22.03	22.08	22.05	0.5	22.5
		50%	#Max	21.84	21.88	21.85	0.5	22.5
		100%	--	21.91	21.95	21.94	0.5	22.5
	16QAM	1	#1	21.84	21.86	21.85	0.5	22.5
	64QAM	1	#1	21.75	21.78	21.76	0.5	22.5
	256QAM	1	#1	19.84	19.87	19.85	2	21
	CP-OFDM QPSK	1	#1	21.91	21.96	21.95	0.5	22.5

BW (MHz)	Modulation	Channel		648000	656000	664000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3720	3840	3960		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	22.31	22.35	22.32	0	23
	QPSK	1	#1	22.42	22.47	22.45	0	23
		1	#Mid	22.32	22.37	22.35	0	23
		1	#Max	22.24	22.27	22.25	0	23
		50%	#0	21.84	21.88	21.85	0.5	22.5
		50%	#Mid	21.94	21.98	21.95	0.5	22.5
		50%	#Max	21.75	21.78	21.76	0.5	22.5
		100%	--	21.81	21.87	21.84	0.5	22.5
	16QAM	1	#1	21.84	21.86	21.85	0.5	22.5
	64QAM	1	#1	21.73	21.74	21.72	0.5	22.5
	256QAM	1	#1	19.75	19.77	19.76	2	21
	CP-OFDM QPSK	1	#1	21.85	21.87	21.82	0.5	22.5
BW (MHz)	Modulation	Channel		647668	656000	664332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3715.02	3840	3965		
		RB No.	RB Offset	Measured Power (dBm)				
30M	PI/2 BPSK	1	#1	22.20	22.29	22.25	0	23
	QPSK	1	#1	22.32	22.39	22.35	0	23
		1	#Mid	22.24	22.29	22.25	0	23
		1	#Max	22.23	22.19	22.15	0	23
		50%	#0	21.73	21.75	21.74	0.5	22.5
		50%	#Mid	21.85	21.88	21.87	0.5	22.5
		50%	#Max	21.64	21.67	21.65	0.5	22.5
		100%	--	21.73	21.78	21.75	0.5	22.5
	16QAM	1	#1	21.72	21.75	21.73	0.5	22.5
	64QAM	1	#1	21.64	21.69	21.65	0.5	22.5
	256QAM	1	#1	19.65	19.69	19.66	2	21
	CP-OFDM QPSK	1	#1	21.74	21.75	21.72	0.5	22.5

BW (MHz)	Modulation	Channel		647334	656000	664666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3710.01	3840	3969.99		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	22.12	22.15	22.14	0	23
	QPSK	1	#1	22.23	22.28	22.25	0	23
		1	#Mid	22.13	22.18	22.14	0	23
		1	#Max	22.04	22.08	22.05	0	23
		50%	#0	21.65	21.69	21.68	0.5	22.5
		50%	#Mid	21.74	21.79	21.75	0.5	22.5
		50%	#Max	21.52	21.59	21.54	0.5	22.5
		100%	--	21.62	21.68	21.65	0.5	22.5
	16QAM	1	#1	21.62	21.67	21.63	0.5	22.5
	64QAM	1	#1	21.54	21.59	21.55	0.5	22.5
	256QAM	1	#1	19.52	19.58	19.54	2	21
	CP-OFDM QPSK	1	#1	21.71	21.78	21.72	0.5	22.5
BW (MHz)	Modulation	Channel		647168	656000	664832	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3707.52	3840	3972.48		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	22.02	22.08	22.05	0	23
	QPSK	1	#1	22.11	22.18	22.15	0	23
		1	#Mid	21.94	21.98	21.95	0	23
		1	#Max	21.85	21.88	21.84	0	23
		50%	#0	21.53	21.58	21.55	0.5	22.5
		50%	#Mid	21.61	21.68	21.65	0.5	22.5
		50%	#Max	21.42	21.48	21.44	0.5	22.5
		100%	--	21.51	21.56	21.52	0.5	22.5
	16QAM	1	#1	21.53	21.55	21.52	0.5	22.5
	64QAM	1	#1	21.44	21.48	21.45	0.5	22.5
	256QAM	1	#1	19.44	19.45	19.42	2	21
	CP-OFDM QPSK	1	#1	21.62	21.67	21.65	0.5	22.5

BW (MHz)	Modulation	Channel		647000	656000	665000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3705	3840	3975		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	21.94	21.98	21.95	0	23
	QPSK	1	#1	22.04	22.08	22.05	0	23
		1	#Mid	21.94	21.98	21.95	0	23
		1	#Max	21.83	21.88	21.85	0	23
		50%	#0	21.43	21.46	21.45	0.5	22.5
		50%	#Mid	21.52	21.56	21.54	0.5	22.5
		50%	#Max	21.32	21.36	21.35	0.5	22.5
		100%	--	21.42	21.45	21.43	0.5	22.5
	16QAM	1	#1	21.42	21.45	21.43	0.5	22.5
	64QAM	1	#1	21.33	21.38	21.35	0.5	22.5
	256QAM	1	#1	19.32	19.39	19.35	2	21
	CP-OFDM QPSK	1	#1	21.52	21.56	21.54	0.5	22.5

NR n77_HPUE				Ant 1/Ant 2/Ant 3				
BW (MHz)	Modulation	Channel		--	633334	--	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		--	3500.01	--		
		RB No.	RB Offset	Measured Power (dBm)				
100M	PI/2 BPSK	1	#1	--	22.73	--	0	23
	QPSK	1	#1	--	22.82	--	0	23
		1	#Mid	--	22.81	--	0	23
		1	#Max	--	22.51	--	0	23
		50%	#0	--	22.23	--	0.5	22.5
		50%	#Mid	--	22.26	--	0.5	22.5
		50%	#Max	--	22.11	--	0.5	22.5
		100%	--	--	22.11	--	0.5	22.5
	16QAM	1	#1	--	22.17	--	0.5	22.5
	64QAM	1	#1	--	22.12	--	0.5	22.5
	256QAM	1	#1	--	20.04	--	2	21
	CP-OFDM QPSK	1	#1	--	22.10	--	0.5	22.5
BW (MHz)	Modulation	Channel		633000	633334	633666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3495	3500.01	3504.99		
		RB No.	RB Offset	Measured Power (dBm)				
90M	PI/2 BPSK	1	#1	22.62	22.61	22.56	0	23
	QPSK	1	#1	22.75	22.78	22.77	0	23
		1	#Mid	22.64	22.66	22.61	0	23
		1	#Max	22.48	22.44	22.52	0	23
		50%	#0	22.03	22.07	22.11	0.5	22.5
		50%	#Mid	22.10	22.29	22.12	0.5	22.5
		50%	#Max	21.95	21.95	21.91	0.5	22.5
		100%	--	22.12	22.03	22.13	0.5	22.5
	16QAM	1	#1	21.92	22.09	21.96	0.5	22.5
	64QAM	1	#1	21.87	21.81	21.88	0.5	22.5
	256QAM	1	#1	20.05	20.08	19.91	2	21
	CP-OFDM QPSK	1	#1	22.05	22.15	22.16	0.5	22.5

BW (MHz)	Modulation	Channel		6326668	633334	634000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3490.02	3500.01	3510		
		RB No.	RB Offset	Measured Power (dBm)				
80M	PI/2 BPSK	1	#1	22.40	22.42	22.47	0	23
	QPSK	1	#1	22.51	22.68	22.54	0	23
		1	#Mid	22.50	22.54	22.42	0	23
		1	#Max	22.33	22.42	22.31	0	23
		50%	#0	21.89	22.02	21.92	0.5	22.5
		50%	#Mid	21.99	22.15	22.04	0.5	22.5
		50%	#Max	21.94	21.88	21.91	0.5	22.5
		100%	--	21.95	21.95	21.91	0.5	22.5
		16QAM	1	#1	21.92	21.88	21.75	0.5
	64QAM	1	#1	21.78	21.81	21.69	0.5	22.5
	256QAM	1	#1	19.79	19.83	19.91	2	21
	CP-OFDM QPSK	1	#1	21.92	22.10	21.97	0.5	22.5
BW (MHz)	Modulation	Channel		632334	633334	634332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3485.01	3500.01	3514.98		
		RB No.	RB Offset	Measured Power (dBm)				
70M	PI/2 BPSK	1	#1	21.72	21.63	21.65	0	23
	QPSK	1	#1	21.84	21.85	21.68	0	23
		1	#Mid	21.61	21.65	21.62	0	23
		1	#Max	21.64	21.61	21.66	0	23
		50%	#0	21.14	21.12	21.07	0.5	22.5
		50%	#Mid	21.30	21.33	21.15	0.5	22.5
		50%	#Max	21.03	20.97	21.15	0.5	22.5
		100%	--	21.21	21.16	21.11	0.5	22.5
		16QAM	1	#1	21.21	21.29	21.20	0.5
	64QAM	1	#1	20.99	21.01	21.02	0.5	22.5
	256QAM	1	#1	19.05	19.13	18.99	2	21
	CP-OFDM QPSK	1	#1	21.20	21.33	21.30	0.5	22.5

BW (MHz)	Modulation	Channel		632000	633334	634666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3480	3500.01	3519.99		
		RB No.	RB Offset	Measured Power (dBm)				
60M	PI/2 BPSK	1	#1	22.43	22.41	22.40	0	23
	QPSK	1	#1	22.46	22.57	22.48	0	23
		1	#Mid	22.44	22.44	22.28	0	23
		1	#Max	22.30	22.22	22.29	0	23
		50%	#0	21.92	21.82	21.93	0.5	22.5
		50%	#Mid	21.95	22.06	21.94	0.5	22.5
		50%	#Max	21.69	21.71	21.86	0.5	22.5
		100%	--	21.78	21.95	21.94	0.5	22.5
		16QAM	1	#1	21.80	21.79	21.72	0.5
	64QAM	1	#1	21.66	21.75	21.70	0.5	22.5
	256QAM	1	#1	19.84	19.90	19.88	2	21
	CP-OFDM QPSK	1	#1	21.78	21.83	21.89	0.5	22.5
BW (MHz)	Modulation	Channel		631668	633334	635000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3475.02	3500.01	3525		
		RB No.	RB Offset	Measured Power (dBm)				
50M	PI/2 BPSK	1	#1	22.20	22.25	22.27	0	23
	QPSK	1	#1	22.28	22.51	22.35	0	23
		1	#Mid	22.30	22.32	22.20	0	23
		1	#Max	22.28	22.18	22.16	0	23
		50%	#0	21.85	21.79	21.83	0.5	22.5
		50%	#Mid	21.81	21.89	21.88	0.5	22.5
		50%	#Max	21.67	21.62	21.71	0.5	22.5
		100%	--	21.81	21.78	21.77	0.5	22.5
		16QAM	1	#1	21.59	21.73	21.71	0.5
	64QAM	1	#1	21.66	21.53	21.50	0.5	22.5
	256QAM	1	#1	19.62	19.72	19.78	2	21
	CP-OFDM QPSK	1	#1	21.78	21.70	21.75	0.5	22.5

BW (MHz)	Modulation	Channel		631334	633334	635332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3470.01	3500.01	3529.98		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	22.23	22.11	22.10	0	23
	QPSK	1	#1	22.26	22.37	22.33	0	23
		1	#Mid	22.15	22.14	22.28	0	23
		1	#Max	21.99	22.17	22.13	0	23
		50%	#0	21.57	21.71	21.63	0.5	22.5
		50%	#Mid	21.82	21.71	21.69	0.5	22.5
		50%	#Max	21.59	21.68	21.64	0.5	22.5
		100%	--	21.68	21.80	21.74	0.5	22.5
		16QAM	1	#1	21.76	21.77	21.74	0.5
	64QAM	1	#1	21.50	21.49	21.50	0.5	22.5
	256QAM	1	#1	19.54	19.61	19.59	2	21
	CP-OFDM QPSK	1	#1	21.72	21.66	21.56	0.5	22.5
BW (MHz)	Modulation	Channel		631000	633334	635666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3465	3500.01	3534.99		
		RB No.	RB Offset	Measured Power (dBm)				
30M	PI/2 BPSK	1	#1	22.11	22.12	22.05	0	23
	QPSK	1	#1	22.19	22.28	22.08	0	23
		1	#Mid	22.10	22.22	22.00	0	23
		1	#Max	22.10	22.06	21.94	0	23
		50%	#0	21.56	21.55	21.63	0.5	22.5
		50%	#Mid	21.77	21.61	21.60	0.5	22.5
		50%	#Max	21.39	21.50	21.56	0.5	22.5
		100%	--	21.54	21.55	21.66	0.5	22.5
		16QAM	1	#1	21.58	21.48	21.57	0.5
	64QAM	1	#1	21.50	21.45	21.42	0.5	22.5
	256QAM	1	#1	19.40	19.54	19.51	2	21
	CP-OFDM QPSK	1	#1	21.66	21.55	21.48	0.5	22.5

BW (MHz)	Modulation	Channel		630668	633334	636000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3460.02	3500.01	3540		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	21.91	21.94	21.88	0	23
	QPSK	1	#1	21.99	22.05	22.09	0	23
		1	#Mid	21.91	22.11	21.99	0	23
		1	#Max	21.84	21.96	21.82	0	23
		50%	#0	21.54	21.62	21.58	0.5	22.5
		50%	#Mid	21.47	21.63	21.52	0.5	22.5
		50%	#Max	21.38	21.40	21.31	0.5	22.5
		100%	--	21.46	21.57	21.53	0.5	22.5
		16QAM	1	#1	21.40	21.59	21.41	0.5
	64QAM	1	#1	21.41	21.38	21.28	0.5	22.5
	256QAM	1	#1	19.28	19.37	19.33	2	21
	CP-OFDM QPSK	1	#1	21.63	21.59	21.64	0.5	22.5
BW (MHz)	Modulation	Channel		630500	633334	636166	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3457.5	3500.01	3542.49		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	21.87	21.85	21.96	0	23
	QPSK	1	#1	21.97	22.01	22.01	0	23
		1	#Mid	21.67	21.75	21.74	0	23
		1	#Max	21.76	21.76	21.66	0	23
		50%	#0	21.31	21.38	21.48	0.5	22.5
		50%	#Mid	21.47	21.50	21.49	0.5	22.5
		50%	#Max	21.34	21.26	21.32	0.5	22.5
		100%	--	21.40	21.43	21.28	0.5	22.5
		16QAM	1	#1	21.41	21.28	21.42	0.5
	64QAM	1	#1	21.29	21.26	21.21	0.5	22.5
	256QAM	1	#1	19.27	19.38	19.17	2	21
	CP-OFDM QPSK	1	#1	21.54	21.40	21.58	0.5	22.5

BW (MHz)	Modulation	Channel		630334	633334	636332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3455.01	3500.01	3544.98		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	21.75	21.76	21.69	0	23
	QPSK	1	#1	21.81	21.89	21.84	0	23
		1	#Mid	21.78	21.78	21.73	0	23
		1	#Max	21.61	21.68	21.59	0	23
		50%	#0	21.33	21.24	21.26	0.5	22.5
		50%	#Mid	21.28	21.39	21.29	0.5	22.5
		50%	#Max	21.24	21.27	21.22	0.5	22.5
		100%	--	21.33	21.18	21.35	0.5	22.5
	16QAM	1	#1	21.23	21.18	21.34	0.5	22.5
	64QAM	1	#1	21.08	21.28	21.09	0.5	22.5
	256QAM	1	#1	19.11	19.19	19.25	2	21
	CP-OFDM QPSK	1	#1	21.25	21.48	21.42	0.5	22.5

NR n77_HPUE				Ant 1/Ant 2/Ant 3				
BW (MHz)	Modulation	Channel		650000	656000	662000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3750	3840	3930		
		RB No.	RB Offset	Measured Power (dBm)				
100M	PI/2 BPSK	1	#1	22.80	22.70	22.68	0	23
	QPSK	1	#1	22.91	22.97	22.93	0	23
		1	#Mid	22.67	22.81	22.68	0	23
		1	#Max	22.60	22.60	22.67	0	23
		50%	#0	22.30	22.35	22.21	0.5	22.5
		50%	#Mid	22.36	22.46	22.33	0.5	22.5
		50%	#Max	22.04	22.18	22.06	0.5	22.5
		100%	--	22.17	22.17	22.09	0.5	22.5
	16QAM	1	#1	22.24	22.15	22.25	0.5	22.5
	64QAM	1	#1	22.12	22.12	22.11	0.5	22.5
	256QAM	1	#1	20.17	20.18	20.05	2	21
	CP-OFDM QPSK	1	#1	22.11	22.25	22.24	0.5	22.5
BW (MHz)	Modulation	Channel		649668	656000	662332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3745.02	3840	3934.98		
		RB No.	RB Offset	Measured Power (dBm)				
90M	PI/2 BPSK	1	#1	22.70	22.57	22.65	0	23
	QPSK	1	#1	22.70	22.69	22.85	0	23
		1	#Mid	22.55	22.68	22.72	0	23
		1	#Max	22.57	22.65	22.49	0	23
		50%	#0	22.21	22.20	22.13	0.5	22.5
		50%	#Mid	22.31	22.36	22.23	0.5	22.5
		50%	#Max	22.12	22.12	22.01	0.5	22.5
		100%	--	22.07	22.25	22.24	0.5	22.5
	16QAM	1	#1	21.97	22.00	22.15	0.5	22.5
	64QAM	1	#1	21.99	21.90	21.87	0.5	22.5
	256QAM	1	#1	20.10	20.08	20.06	2	21
	CP-OFDM QPSK	1	#1	22.11	22.26	22.11	0.5	22.5

BW (MHz)	Modulation	Channel		649334	656000	662666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3740.01	3840	3939.99		
		RB No.	RB Offset	Measured Power (dBm)				
80M	PI/2 BPSK	1	#1	22.51	22.60	22.56	0	23
	QPSK	1	#1	22.66	22.74	22.64	0	23
		1	#Mid	22.55	22.64	22.55	0	23
		1	#Max	22.51	22.39	22.38	0	23
		50%	#0	21.96	22.10	21.99	0.5	22.5
		50%	#Mid	22.21	22.13	22.17	0.5	22.5
		50%	#Max	22.02	22.03	22.01	0.5	22.5
		100%	--	22.04	22.04	21.99	0.5	22.5
	16QAM	1	#1	21.88	21.94	21.90	0.5	22.5
	64QAM	1	#1	21.95	21.78	21.76	0.5	22.5
	256QAM	1	#1	19.83	19.99	19.89	2	21
	CP-OFDM QPSK	1	#1	21.92	22.19	22.14	0.5	22.5
BW (MHz)	Modulation	Channel		649000	656000	663000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3735	3840	3945		
		RB No.	RB Offset	Measured Power (dBm)				
70M	PI/2 BPSK	1	#1	21.80	21.78	21.83	0	23
	QPSK	1	#1	21.80	21.84	21.72	0	23
		1	#Mid	21.79	21.80	21.74	0	23
		1	#Max	21.72	21.57	21.61	0	23
		50%	#0	21.26	21.18	21.27	0.5	22.5
		50%	#Mid	21.32	21.39	21.23	0.5	22.5
		50%	#Max	21.11	21.09	21.14	0.5	22.5
		100%	--	21.21	21.18	21.25	0.5	22.5
	16QAM	1	#1	21.30	21.29	21.20	0.5	22.5
	64QAM	1	#1	21.02	21.05	21.15	0.5	22.5
	256QAM	1	#1	19.05	19.17	19.07	2	21
	CP-OFDM QPSK	1	#1	21.41	21.39	21.35	0.5	22.5

BW (MHz)	Modulation	Channel		648668	656000	663332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3730.02	3840	3949.98		
		RB No.	RB Offset	Measured Power (dBm)				
60M	PI/2 BPSK	1	#1	22.42	22.51	22.47	0	23
	QPSK	1	#1	22.54	22.65	22.56	0	23
		1	#Mid	22.49	22.52	22.40	0	23
		1	#Max	22.25	22.34	22.28	0	23
		50%	#0	21.86	22.04	22.01	0.5	22.5
		50%	#Mid	21.94	22.16	22.05	0.5	22.5
		50%	#Max	21.85	21.83	21.88	0.5	22.5
		100%	--	21.88	21.89	21.96	0.5	22.5
	16QAM	1	#1	21.86	21.83	21.88	0.5	22.5
	64QAM	1	#1	21.81	21.69	21.77	0.5	22.5
	256QAM	1	#1	19.75	19.80	19.95	2	21
	CP-OFDM QPSK	1	#1	21.87	22.03	21.96	0.5	22.5
BW (MHz)	Modulation	Channel		648334	656000	663666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3725.01	3840	3954.99		
		RB No.	RB Offset	Measured Power (dBm)				
50M	PI/2 BPSK	1	#1	22.27	22.43	22.36	0	23
	QPSK	1	#1	22.40	22.51	22.41	0	23
		1	#Mid	22.37	22.32	22.36	0	23
		1	#Max	22.19	22.21	22.35	0	23
		50%	#0	21.82	21.78	21.77	0.5	22.5
		50%	#Mid	21.84	22.07	22.00	0.5	22.5
		50%	#Max	21.82	21.74	21.84	0.5	22.5
		100%	--	21.75	21.83	21.82	0.5	22.5
	16QAM	1	#1	21.65	21.75	21.67	0.5	22.5
	64QAM	1	#1	21.60	21.67	21.74	0.5	22.5
	256QAM	1	#1	19.77	19.75	19.84	2	21
	CP-OFDM QPSK	1	#1	21.86	21.96	21.76	0.5	22.5

BW (MHz)	Modulation	Channel		648000	656000	664000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3720	3840	3960		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	22.13	22.33	22.23	0	23
	QPSK	1	#1	22.36	22.32	22.34	0	23
		1	#Mid	22.32	22.25	22.35	0	23
		1	#Max	22.19	22.08	22.06	0	23
		50%	#0	21.64	21.71	21.76	0.5	22.5
		50%	#Mid	21.80	21.92	21.88	0.5	22.5
		50%	#Max	21.56	21.74	21.65	0.5	22.5
		100%	--	21.75	21.76	21.77	0.5	22.5
	16QAM	1	#1	21.64	21.76	21.77	0.5	22.5
	64QAM	1	#1	21.68	21.55	21.64	0.5	22.5
	256QAM	1	#1	19.64	19.65	19.64	2	21
	CP-OFDM QPSK	1	#1	21.71	21.78	21.81	0.5	22.5
BW (MHz)	Modulation	Channel		647668	656000	664332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3715.02	3840	3965		
		RB No.	RB Offset	Measured Power (dBm)				
30M	PI/2 BPSK	1	#1	22.19	22.10	22.22	0	23
	QPSK	1	#1	22.26	22.36	22.26	0	23
		1	#Mid	22.13	22.22	22.20	0	23
		1	#Max	22.16	22.07	22.12	0	23
		50%	#0	21.57	21.58	21.61	0.5	22.5
		50%	#Mid	21.73	21.87	21.76	0.5	22.5
		50%	#Max	21.52	21.64	21.55	0.5	22.5
		100%	--	21.71	21.74	21.64	0.5	22.5
	16QAM	1	#1	21.56	21.73	21.65	0.5	22.5
	64QAM	1	#1	21.55	21.53	21.45	0.5	22.5
	256QAM	1	#1	19.46	19.69	19.48	2	21
	CP-OFDM QPSK	1	#1	21.62	21.72	21.58	0.5	22.5

BW (MHz)	Modulation	Channel		647334	656000	664666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3710.01	3840	3969.99		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	21.94	21.98	22.01	0	23
	QPSK	1	#1	22.11	22.11	22.16	0	23
		1	#Mid	22.00	22.18	22.13	0	23
		1	#Max	22.03	21.91	22.04	0	23
		50%	#0	21.62	21.63	21.67	0.5	22.5
		50%	#Mid	21.64	21.61	21.58	0.5	22.5
		50%	#Max	21.34	21.53	21.53	0.5	22.5
		100%	--	21.54	21.59	21.63	0.5	22.5
	16QAM	1	#1	21.54	21.60	21.43	0.5	22.5
	64QAM	1	#1	21.45	21.57	21.55	0.5	22.5
	256QAM	1	#1	19.38	19.44	19.43	2	21
	CP-OFDM QPSK	1	#1	21.62	21.75	21.58	0.5	22.5
BW (MHz)	Modulation	Channel		647168	656000	664832	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3707.52	3840	3972.48		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	21.90	22.02	21.99	0	23
	QPSK	1	#1	22.06	22.17	21.99	0	23
		1	#Mid	21.94	21.94	21.80	0	23
		1	#Max	21.69	21.69	21.75	0	23
		50%	#0	21.51	21.41	21.54	0.5	22.5
		50%	#Mid	21.54	21.52	21.62	0.5	22.5
		50%	#Max	21.33	21.30	21.40	0.5	22.5
		100%	--	21.51	21.50	21.40	0.5	22.5
	16QAM	1	#1	21.38	21.41	21.50	0.5	22.5
	64QAM	1	#1	21.42	21.47	21.26	0.5	22.5
	256QAM	1	#1	19.36	19.25	19.39	2	21
	CP-OFDM QPSK	1	#1	21.59	21.63	21.51	0.5	22.5

BW (MHz)	Modulation	Channel		647000	656000	665000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3705	3840	3975		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	21.81	21.81	21.76	0	23
	QPSK	1	#1	21.95	22.03	21.92	0	23
		1	#Mid	21.90	21.98	21.81	0	23
		1	#Max	21.82	21.74	21.80	0	23
		50%	#0	21.38	21.30	21.38	0.5	22.5
		50%	#Mid	21.32	21.50	21.47	0.5	22.5
		50%	#Max	21.29	21.23	21.22	0.5	22.5
		100%	--	21.24	21.27	21.25	0.5	22.5
	16QAM	1	#1	21.32	21.28	21.27	0.5	22.5
	64QAM	1	#1	21.32	21.23	21.29	0.5	22.5
	256QAM	1	#1	19.29	19.33	19.30	2	21
	CP-OFDM QPSK	1	#1	21.43	21.41	21.50	0.5	22.5

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BW (MHz)	Modulation	Channel		--	633334	--	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		--	3500.01	--		
		RB No.	RB Offset	Measured Power (dBm)				
100M	PI/2 BPSK	1	#1	--	22.02	--	0	22.5
	QPSK	1	#1	--	22.13	--	0	22.5
		1	#Mid	--	22.03	--	0	22.5
		1	#Max	--	21.93	--	0	22.5
		50%	#0	--	21.92	--	0	22.5
		50%	#Mid	--	22.02	--	0	22.5
		50%	#Max	--	21.82	--	0	22.5
		100%	--	--	21.91	--	0	22.5
	16QAM	1	#1	--	21.90	--	0	22.5
	64QAM	1	#1	--	21.82	--	0	22.5
	256QAM	1	#1	--	19.82	--	2	20.5
	CP-OFDM QPSK	1	#1	--	21.89	--	0	22.5
BW (MHz)	Modulation	Channel		633000	633334	633666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3495	3500.01	3504.99		
		RB No.	RB Offset	Measured Power (dBm)				
90M	PI/2 BPSK	1	#1	21.85	21.89	21.88	0	22.5
	QPSK	1	#1	22.00	22.02	22.03	0	22.5
		1	#Mid	21.88	21.92	21.89	0	22.5
		1	#Max	21.75	21.79	21.76	0	22.5
		50%	#0	21.79	21.83	21.82	0	22.5
		50%	#Mid	21.88	21.93	21.92	0	22.5
		50%	#Max	21.66	21.73	21.69	0	22.5
		100%	--	21.76	21.81	21.79	0	22.5
	16QAM	1	#1	21.75	21.80	21.78	0	22.5
	64QAM	1	#1	21.66	21.72	21.69	0	22.5
	256QAM	1	#1	19.78	19.80	19.79	2	20.5
	CP-OFDM QPSK	1	#1	21.78	21.82	21.79	0	22.5

BW (MHz)	Modulation	Channel		632668	633334	634000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3490.02	3500.01	3510		
		RB No.	RB Offset	Measured Power (dBm)				
80M	PI/2 BPSK	1	#1	21.78	21.82	21.79	0	22.5
	QPSK	1	#1	21.87	21.89	21.88	0	22.5
		1	#Mid	21.77	21.79	21.78	0	22.5
		1	#Max	21.67	21.69	21.68	0	22.5
		50%	#0	21.67	21.69	21.66	0	22.5
		50%	#Mid	21.77	21.79	21.78	0	22.5
		50%	#Max	21.56	21.59	21.58	0	22.5
		100%	--	21.66	21.69	21.68	0	22.5
		16QAM	1	#1	21.68	21.69	21.68	0
	64QAM	1	#1	21.57	21.59	21.56	0	22.5
	256QAM	1	#1	19.67	19.69	19.68	2	20.5
	CP-OFDM QPSK	1	#1	21.69	21.72	21.71	0	22.5
BW (MHz)	Modulation	Channel		632334	633334	634332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3485.01	3500.01	3514.98		
		RB No.	RB Offset	Measured Power (dBm)				
70M	PI/2 BPSK	1	#1	20.98	21.02	20.99	0	22.5
	QPSK	1	#1	21.06	21.08	21.04	0	22.5
		1	#Mid	20.95	20.98	20.97	0	22.5
		1	#Max	20.87	20.89	20.86	0	22.5
		50%	#0	20.85	20.89	20.86	0	22.5
		50%	#Mid	20.95	20.99	20.98	0	22.5
		50%	#Max	20.75	20.79	20.78	0	22.5
		100%	--	20.86	20.89	20.87	0	22.5
		16QAM	1	#1	20.85	20.88	20.86	0
	64QAM	1	#1	20.78	20.80	20.79	0	22.5
	256QAM	1	#1	18.86	18.89	18.88	2	20.5
	CP-OFDM QPSK	1	#1	20.87	20.91	20.89	0	22.5

BW (MHz)	Modulation	Channel		632000	633334	634666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3480	3500.01	3519.99		
		RB No.	RB Offset	Measured Power (dBm)				
60M	PI/2 BPSK	1	#1	21.68	21.72	21.69	0	22.5
	QPSK	1	#1	21.78	21.83	21.79	0	22.5
		1	#Mid	21.67	21.73	21.69	0	22.5
		1	#Max	21.62	21.63	21.59	0	22.5
		50%	#0	21.58	21.62	21.59	0	22.5
		50%	#Mid	21.69	21.73	21.68	0	22.5
		50%	#Max	21.51	21.53	21.49	0	22.5
		100%	--	21.56	21.62	21.59	0	22.5
	16QAM	1	#1	21.58	21.62	21.56	0	22.5
	64QAM	1	#1	21.47	21.49	21.48	0	22.5
	256QAM	1	#1	19.56	19.59	19.58	2	20.5
	CP-OFDM QPSK	1	#1	21.58	21.62	21.59	0	22.5
BW (MHz)	Modulation	Channel		631668	633334	635000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3475.02	3500.01	3525		
		RB No.	RB Offset	Measured Power (dBm)				
50M	PI/2 BPSK	1	#1	21.56	21.60	21.59	0	22.5
	QPSK	1	#1	21.68	21.72	21.69	0	22.5
		1	#Mid	21.58	21.62	21.59	0	22.5
		1	#Max	21.47	21.52	21.49	0	22.5
		50%	#0	21.50	21.53	21.51	0	22.5
		50%	#Mid	21.58	21.63	21.59	0	22.5
		50%	#Max	21.37	21.43	21.38	0	22.5
		100%	--	21.46	21.51	21.47	0	22.5
	16QAM	1	#1	21.48	21.52	21.49	0	22.5
	64QAM	1	#1	21.35	21.39	21.38	0	22.5
	256QAM	1	#1	19.47	19.52	19.49	2	20.5
	CP-OFDM QPSK	1	#1	21.45	21.49	21.48	0	22.5

BW (MHz)	Modulation	Channel		631334	633334	635332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3470.01	3500.01	3529.98		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	21.48	21.53	21.49	0	22.5
	QPSK	1	#1	21.58	21.59	21.56	0	22.5
		1	#Mid	21.46	21.49	21.47	0	22.5
		1	#Max	21.36	21.39	21.37	0	22.5
		50%	#0	21.37	21.42	21.38	0	22.5
		50%	#Mid	21.48	21.52	21.47	0	22.5
		50%	#Max	21.27	21.32	21.26	0	22.5
		100%	--	21.35	21.38	21.37	0	22.5
	16QAM	1	#1	21.37	21.41	21.39	0	22.5
	64QAM	1	#1	21.26	21.30	21.27	0	22.5
	256QAM	1	#1	19.36	19.41	19.40	2	20.5
	CP-OFDM QPSK	1	#1	21.37	21.41	21.38	0	22.5
BW (MHz)	Modulation	Channel		631000	633334	635666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3465	3500.01	3534.99		
		RB No.	RB Offset	Measured Power (dBm)				
30M	PI/2 BPSK	1	#1	21.36	21.43	21.39	0	22.5
	QPSK	1	#1	21.46	21.49	21.48	0	22.5
		1	#Mid	21.36	21.39	21.38	0	22.5
		1	#Max	21.25	21.29	21.26	0	22.5
		50%	#0	21.27	21.31	21.29	0	22.5
		50%	#Mid	21.36	21.41	21.38	0	22.5
		50%	#Max	21.16	21.21	21.19	0	22.5
		100%	--	21.25	21.29	21.28	0	22.5
	16QAM	1	#1	21.26	21.30	21.29	0	22.5
	64QAM	1	#1	21.16	21.22	21.19	0	22.5
	256QAM	1	#1	19.28	19.30	19.32	2	20.5
	CP-OFDM QPSK	1	#1	21.29	21.33	21.32	0	22.5

BW (MHz)	Modulation	Channel		630668	633334	636000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3460.02	3500.01	3540		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	21.26	21.31	21.25	0	22.5
	QPSK	1	#1	21.38	21.42	21.41	0	22.5
		1	#Mid	21.26	21.32	21.29	0	22.5
		1	#Max	21.16	21.22	21.19	0	22.5
		50%	#0	21.19	21.20	21.16	0	22.5
		50%	#Mid	21.27	21.30	21.29	0	22.5
		50%	#Max	21.08	21.10	21.05	0	22.5
		100%	--	21.18	21.22	21.19	0	22.5
	16QAM	1	#1	21.16	21.19	21.18	0	22.5
	64QAM	1	#1	21.05	21.09	21.08	0	22.5
	256QAM	1	#1	19.17	19.22	19.19	2	20.5
	CP-OFDM QPSK	1	#1	21.20	21.22	21.19	0	22.5
BW (MHz)	Modulation	Channel		630500	633334	636166	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3457.5	3500.01	3542.49		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	21.17	21.21	21.19	0	22.5
	QPSK	1	#1	21.28	21.32	21.26	0	22.5
		1	#Mid	21.16	21.22	21.19	0	22.5
		1	#Max	21.07	21.12	21.09	0	22.5
		50%	#0	21.06	21.11	21.09	0	22.5
		50%	#Mid	21.17	21.22	21.19	0	22.5
		50%	#Max	20.97	20.99	20.98	0	22.5
		100%	--	21.07	21.11	21.09	0	22.5
	16QAM	1	#1	21.08	21.12	21.09	0	22.5
	64QAM	1	#1	21.01	21.03	21.02	0	22.5
	256QAM	1	#1	19.08	19.12	19.09	2	20.5
	CP-OFDM QPSK	1	#1	21.06	21.10	21.09	0	22.5

BW (MHz)	Modulation	Channel		630334	633334	636332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3455.01	3500.01	3544.98		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	21.01	21.05	21.03	0	22.5
	QPSK	1	#1	21.12	21.16	21.10	0	22.5
		1	#Mid	21.00	21.06	21.03	0	22.5
		1	#Max	20.91	20.96	20.93	0	22.5
		50%	#0	20.90	20.95	20.93	0	22.5
		50%	#Mid	21.01	21.06	21.03	0	22.5
		50%	#Max	20.81	20.83	20.82	0	22.5
		100%	--	20.91	20.95	20.93	0	22.5
	16QAM	1	#1	20.92	20.96	20.93	0	22.5
	64QAM	1	#1	20.85	20.87	20.86	0	22.5
	256QAM	1	#1	18.92	18.96	18.93	2	20.5
	CP-OFDM QPSK	1	#1	20.90	20.94	20.93	0	22.5

NR n78				Ant 1/Ant 2/Amt 3				
BW (MHz)	Modulation	Channel		--	650000	--	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		--	3750	--		
		RB No.	RB Offset	Measured Power (dBm)				
100M	PI/2 BPSK	1	#1	--	22.18	--	0	22.5
	QPSK	1	#1	--	22.29	--	0	22.5
		1	#Mid	--	22.19	--	0	22.5
		1	#Max	--	22.09	--	0	22.5
		50%	#0	--	22.08	--	0	22.5
		50%	#Mid	--	22.18	--	0	22.5
		50%	#Max	--	21.98	--	0	22.5
		100%	--	--	22.07	--	0	22.5
	16QAM	1	#1	--	22.06	--	0	22.5
	64QAM	1	#1	--	21.98	--	0	22.5
	256QAM	1	#1	--	19.98	--	2	20.5
	CP-OFDM QPSK	1	#1	--	22.05	--	0	22.5
BW (MHz)	Modulation	Channel		649668	650000	650332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3745.02	3750	3754.98		
		RB No.	RB Offset	Measured Power (dBm)				
90M	PI/2 BPSK	1	#1	22.01	22.05	22.04	0	22.5
	QPSK	1	#1	22.16	22.18	22.19	0	22.5
		1	#Mid	22.04	22.08	22.05	0	22.5
		1	#Max	21.91	21.95	21.92	0	22.5
		50%	#0	21.95	21.99	21.98	0	22.5
		50%	#Mid	22.04	22.09	22.08	0	22.5
		50%	#Max	21.82	21.89	21.85	0	22.5
		100%	--	21.92	21.97	21.95	0	22.5
	16QAM	1	#1	21.91	21.96	21.94	0	22.5
	64QAM	1	#1	21.82	21.88	21.85	0	22.5
	256QAM	1	#1	19.94	19.96	19.95	2	20.5
	CP-OFDM QPSK	1	#1	21.94	21.98	21.95	0	22.5

BW (MHz)	Modulation	Channel		649334	650000	650666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3740.01	3750	3759.99		
		RB No.	RB Offset	Measured Power (dBm)				
80M	PI/2 BPSK	1	#1	21.94	21.98	21.95	0	22.5
	QPSK	1	#1	22.03	22.05	22.04	0	22.5
		1	#Mid	21.93	21.95	21.94	0	22.5
		1	#Max	21.83	21.85	21.84	0	22.5
		50%	#0	21.83	21.85	21.82	0	22.5
		50%	#Mid	21.93	21.95	21.94	0	22.5
		50%	#Max	21.72	21.75	21.74	0	22.5
		100%	--	21.82	21.85	21.84	0	22.5
	16QAM	1	#1	21.84	21.85	21.84	0	22.5
	64QAM	1	#1	21.73	21.75	21.72	0	22.5
	256QAM	1	#1	19.83	19.85	19.84	2	20.5
	CP-OFDM QPSK	1	#1	21.85	21.88	21.87	0	22.5
BW (MHz)	Modulation	Channel		649000	650000	651000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3735	3750	3765		
		RB No.	RB Offset	Measured Power (dBm)				
70M	PI/2 BPSK	1	#1	21.14	21.18	21.15	0	22.5
	QPSK	1	#1	21.22	21.24	21.20	0	22.5
		1	#Mid	21.11	21.14	21.13	0	22.5
		1	#Max	21.03	21.05	21.02	0	22.5
		50%	#0	21.01	21.05	21.02	0	22.5
		50%	#Mid	21.11	21.15	21.14	0	22.5
		50%	#Max	20.91	20.95	20.94	0	22.5
		100%	--	21.02	21.05	21.03	0	22.5
	16QAM	1	#1	21.01	21.04	21.02	0	22.5
	64QAM	1	#1	20.94	20.96	20.95	0	22.5
	256QAM	1	#1	19.02	19.05	19.04	2	20.5
	CP-OFDM QPSK	1	#1	21.03	21.07	21.05	0	22.5

BW (MHz)	Modulation	Channel		648668	650000	651332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3730.02	3750	3769.98		
		RB No.	RB Offset	Measured Power (dBm)				
60M	PI/2 BPSK	1	#1	21.84	21.88	21.85	0	22.5
	QPSK	1	#1	21.94	21.99	21.95	0	22.5
		1	#Mid	21.83	21.89	21.85	0	22.5
		1	#Max	21.78	21.79	21.75	0	22.5
		50%	#0	21.74	21.78	21.75	0	22.5
		50%	#Mid	21.85	21.89	21.84	0	22.5
		50%	#Max	21.67	21.69	21.65	0	22.5
		100%	--	21.72	21.78	21.75	0	22.5
	16QAM	1	#1	21.74	21.78	21.72	0	22.5
	64QAM	1	#1	21.63	21.65	21.64	0	22.5
	256QAM	1	#1	19.72	19.75	19.74	2	20.5
	CP-OFDM QPSK	1	#1	21.74	21.78	21.75	0	22.5
BW (MHz)	Modulation	Channel		648334	650000	651666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3725.01	3750	3774.99		
		RB No.	RB Offset	Measured Power (dBm)				
50M	PI/2 BPSK	1	#1	21.72	21.76	21.75	0	22.5
	QPSK	1	#1	21.84	21.88	21.85	0	22.5
		1	#Mid	21.74	21.78	21.75	0	22.5
		1	#Max	21.63	21.68	21.65	0	22.5
		50%	#0	21.66	21.69	21.67	0	22.5
		50%	#Mid	21.74	21.79	21.75	0	22.5
		50%	#Max	21.53	21.59	21.54	0	22.5
		100%	--	21.62	21.67	21.63	0	22.5
	16QAM	1	#1	21.64	21.68	21.65	0	22.5
	64QAM	1	#1	21.51	21.55	21.54	0	22.5
	256QAM	1	#1	19.63	19.68	19.65	2	20.5
	CP-OFDM QPSK	1	#1	21.61	21.65	21.64	0	22.5

BW (MHz)	Modulation	Channel		648000	650000	652000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3720	3750	3780		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	21.64	21.69	21.65	0	22.5
	QPSK	1	#1	21.74	21.75	21.72	0	22.5
		1	#Mid	21.62	21.65	21.63	0	22.5
		1	#Max	21.52	21.55	21.53	0	22.5
		50%	#0	21.53	21.58	21.54	0	22.5
		50%	#Mid	21.64	21.68	21.63	0	22.5
		50%	#Max	21.43	21.48	21.42	0	22.5
		100%	--	21.51	21.54	21.53	0	22.5
		16QAM	1	#1	21.53	21.57	21.55	0
	64QAM	1	#1	21.42	21.46	21.43	0	22.5
	256QAM	1	#1	19.52	19.57	19.56	2	20.5
	CP-OFDM QPSK	1	#1	21.53	21.57	21.54	0	22.5
BW (MHz)	Modulation	Channel		647668	650000	652332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3715.02	3750	3784.98		
		RB No.	RB Offset	Measured Power (dBm)				
30M	PI/2 BPSK	1	#1	21.52	21.59	21.55	0	22.5
	QPSK	1	#1	21.62	21.65	21.64	0	22.5
		1	#Mid	21.52	21.55	21.54	0	22.5
		1	#Max	21.41	21.45	21.42	0	22.5
		50%	#0	21.43	21.47	21.45	0	22.5
		50%	#Mid	21.52	21.57	21.54	0	22.5
		50%	#Max	21.32	21.37	21.35	0	22.5
		100%	--	21.41	21.45	21.44	0	22.5
		16QAM	1	#1	21.42	21.46	21.45	0
	64QAM	1	#1	21.32	21.38	21.35	0	22.5
	256QAM	1	#1	19.44	19.46	19.48	2	20.5
	CP-OFDM QPSK	1	#1	21.45	21.49	21.48	0	22.5

BW (MHz)	Modulation	Channel		647334	650000	652666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3710.01	3750	3789.99		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	21.42	21.47	21.41	0	22.5
	QPSK	1	#1	21.54	21.58	21.57	0	22.5
		1	#Mid	21.42	21.48	21.45	0	22.5
		1	#Max	21.32	21.38	21.35	0	22.5
		50%	#0	21.35	21.36	21.32	0	22.5
		50%	#Mid	21.43	21.46	21.45	0	22.5
		50%	#Max	21.24	21.26	21.21	0	22.5
		100%	--	21.34	21.38	21.35	0	22.5
	16QAM	1	#1	21.32	21.35	21.34	0	22.5
	64QAM	1	#1	21.21	21.25	21.24	0	22.5
	256QAM	1	#1	19.33	19.38	19.35	2	20.5
	CP-OFDM QPSK	1	#1	21.36	21.38	21.35	0	22.5
BW (MHz)	Modulation	Channel		647168	650000	652832	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3707.52	3750	3792.48		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	21.33	21.37	21.35	0	22.5
	QPSK	1	#1	21.44	21.48	21.42	0	22.5
		1	#Mid	21.32	21.38	21.35	0	22.5
		1	#Max	21.23	21.28	21.25	0	22.5
		50%	#0	21.22	21.27	21.25	0	22.5
		50%	#Mid	21.33	21.38	21.35	0	22.5
		50%	#Max	21.13	21.15	21.14	0	22.5
		100%	--	21.23	21.27	21.25	0	22.5
	16QAM	1	#1	21.24	21.28	21.25	0	22.5
	64QAM	1	#1	21.17	21.19	21.18	0	22.5
	256QAM	1	#1	19.24	19.28	19.25	2	20.5
	CP-OFDM QPSK	1	#1	21.22	21.26	21.25	0	22.5

BW (MHz)	Modulation	Channel		647000	650000	653000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3705	3750	3795		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	21.22	21.29	21.25	0	22.5
	QPSK	1	#1	21.33	21.35	21.32	0	22.5
		1	#Mid	21.22	21.25	21.22	0	22.5
		1	#Max	21.10	21.15	21.11	0	22.5
		50%	#0	21.12	21.18	21.15	0	22.5
		50%	#Mid	21.22	21.28	21.25	0	22.5
		50%	#Max	21.02	21.08	21.05	0	22.5
		100%	--	21.14	21.16	21.13	0	22.5
	16QAM	1	#1	21.11	21.15	21.12	0	22.5
	64QAM	1	#1	21.04	21.05	21.02	0	22.5
	256QAM	1	#1	19.12	19.17	19.15	2	20.5
	CP-OFDM QPSK	1	#1	21.13	21.18	21.15	0	22.5

NR n78_HPUE				Ant 1/Ant 2/Amt 3				
BW (MHz)	Modulation	Channel		--	633334	--	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		--	3500.01	--		
		RB No.	RB Offset	Measured Power (dBm)				
100M	PI/2 BPSK	1	#1	--	22.04	--	0	22.5
	QPSK	1	#1	--	22.15	--	0	22.5
		1	#Mid	--	21.97	--	0	22.5
		1	#Max	--	21.91	--	0	22.5
		50%	#0	--	21.87	--	0	22.5
		50%	#Mid	--	22.03	--	0	22.5
		50%	#Max	--	21.79	--	0	22.5
		100%	--	--	22.01	--	0	22.5
	16QAM	1	#1	--	21.92	--	0	22.5
	64QAM	1	#1	--	21.73	--	0	22.5
	256QAM	1	#1	--	19.91	--	2	20.5
	CP-OFDM QPSK	1	#1	--	21.85	--	0	22.5
BW (MHz)	Modulation	Channel		633000	633334	633666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3495	3500.01	3504.99		
		RB No.	RB Offset	Measured Power (dBm)				
90M	PI/2 BPSK	1	#1	21.78	21.99	21.96	0	22.5
	QPSK	1	#1	22.06	22.00	21.94	0	22.5
		1	#Mid	21.78	21.85	21.97	0	22.5
		1	#Max	21.81	21.70	21.79	0	22.5
		50%	#0	21.77	21.92	21.74	0	22.5
		50%	#Mid	21.97	21.94	21.98	0	22.5
		50%	#Max	21.68	21.63	21.70	0	22.5
		100%	--	21.78	21.83	21.89	0	22.5
	16QAM	1	#1	21.82	21.90	21.70	0	22.5
	64QAM	1	#1	21.74	21.79	21.78	0	22.5
	256QAM	1	#1	19.83	19.85	19.89	2	20.5
	CP-OFDM QPSK	1	#1	21.74	21.84	21.86	0	22.5

BW (MHz)	Modulation	Channel		632668	633334	634000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3490.02	3500.01	3510		
		RB No.	RB Offset	Measured Power (dBm)				
80M	PI/2 BPSK	1	#1	21.76	21.76	21.72	0	22.5
	QPSK	1	#1	21.79	21.91	21.84	0	22.5
		1	#Mid	21.87	21.77	21.68	0	22.5
		1	#Max	21.57	21.67	21.75	0	22.5
		50%	#0	21.77	21.63	21.71	0	22.5
		50%	#Mid	21.67	21.69	21.74	0	22.5
		50%	#Max	21.55	21.59	21.55	0	22.5
		100%	--	21.59	21.76	21.65	0	22.5
		16QAM	1	#1	21.72	21.76	21.78	0
	64QAM	1	#1	21.54	21.51	21.50	0	22.5
	256QAM	1	#1	19.57	19.77	19.74	2	20.5
	CP-OFDM QPSK	1	#1	21.62	21.77	21.81	0	22.5
BW (MHz)	Modulation	Channel		632334	633334	634332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3485.01	3500.01	3514.98		
		RB No.	RB Offset	Measured Power (dBm)				
70M	PI/2 BPSK	1	#1	21.08	21.03	21.03	0	22.5
	QPSK	1	#1	21.01	21.01	21.11	0	22.5
		1	#Mid	20.87	21.03	21.02	0	22.5
		1	#Max	20.96	20.82	20.85	0	22.5
		50%	#0	20.75	20.81	20.78	0	22.5
		50%	#Mid	21.05	20.91	20.92	0	22.5
		50%	#Max	20.69	20.74	20.79	0	22.5
		100%	--	20.86	20.92	20.83	0	22.5
		16QAM	1	#1	20.91	20.90	20.89	0
	64QAM	1	#1	20.87	20.89	20.87	0	22.5
	256QAM	1	#1	18.83	18.89	18.78	2	20.5
	CP-OFDM QPSK	1	#1	20.94	20.92	20.86	0	22.5

BW (MHz)	Modulation	Channel		632000	633334	634666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3480	3500.01	3519.99		
		RB No.	RB Offset	Measured Power (dBm)				
60M	PI/2 BPSK	1	#1	21.75	21.74	21.77	0	22.5
	QPSK	1	#1	21.78	21.88	21.79	0	22.5
		1	#Mid	21.57	21.83	21.59	0	22.5
		1	#Max	21.63	21.58	21.59	0	22.5
		50%	#0	21.55	21.54	21.58	0	22.5
		50%	#Mid	21.64	21.73	21.74	0	22.5
		50%	#Max	21.49	21.46	21.39	0	22.5
		100%	--	21.57	21.68	21.65	0	22.5
		16QAM	1	#1	21.62	21.65	21.52	0
	64QAM	1	#1	21.50	21.52	21.42	0	22.5
	256QAM	1	#1	19.54	19.59	19.62	2	20.5
	CP-OFDM QPSK	1	#1	21.62	21.61	21.68	0	22.5
BW (MHz)	Modulation	Channel		631668	633334	635000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3475.02	3500.01	3525		
		RB No.	RB Offset	Measured Power (dBm)				
50M	PI/2 BPSK	1	#1	21.60	21.66	21.55	0	22.5
	QPSK	1	#1	21.74	21.77	21.79	0	22.5
		1	#Mid	21.49	21.68	21.49	0	22.5
		1	#Max	21.56	21.44	21.44	0	22.5
		50%	#0	21.47	21.58	21.44	0	22.5
		50%	#Mid	21.55	21.64	21.61	0	22.5
		50%	#Max	21.36	21.50	21.42	0	22.5
		100%	--	21.43	21.47	21.40	0	22.5
		16QAM	1	#1	21.48	21.62	21.51	0
	64QAM	1	#1	21.29	21.42	21.41	0	22.5
	256QAM	1	#1	19.52	19.51	19.56	2	20.5
	CP-OFDM QPSK	1	#1	21.43	21.44	21.39	0	22.5

BW (MHz)	Modulation	Channel		631334	633334	635332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3470.01	3500.01	3529.98		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	21.51	21.57	21.59	0	22.5
	QPSK	1	#1	21.48	21.57	21.56	0	22.5
		1	#Mid	21.44	21.44	21.55	0	22.5
		1	#Max	21.28	21.35	21.34	0	22.5
		50%	#0	21.32	21.50	21.33	0	22.5
		50%	#Mid	21.40	21.51	21.40	0	22.5
		50%	#Max	21.29	21.29	21.20	0	22.5
		100%	--	21.40	21.29	21.39	0	22.5
		16QAM	1	#1	21.42	21.40	21.39	0
	64QAM	1	#1	21.23	21.23	21.21	0	22.5
	256QAM	1	#1	19.28	19.33	19.50	2	20.5
	CP-OFDM QPSK	1	#1	21.32	21.40	21.40	0	22.5
BW (MHz)	Modulation	Channel		631000	633334	635666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3465	3500.01	3534.99		
		RB No.	RB Offset	Measured Power (dBm)				
30M	PI/2 BPSK	1	#1	21.38	21.37	21.33	0	22.5
	QPSK	1	#1	21.46	21.45	21.47	0	22.5
		1	#Mid	21.29	21.39	21.43	0	22.5
		1	#Max	21.29	21.29	21.27	0	22.5
		50%	#0	21.21	21.34	21.39	0	22.5
		50%	#Mid	21.35	21.41	21.39	0	22.5
		50%	#Max	21.10	21.25	21.11	0	22.5
		100%	--	21.34	21.29	21.18	0	22.5
		16QAM	1	#1	21.16	21.25	21.19	0
	64QAM	1	#1	21.26	21.12	21.27	0	22.5
	256QAM	1	#1	19.29	19.24	19.26	2	20.5
	CP-OFDM QPSK	1	#1	21.39	21.26	21.37	0	22.5

BW (MHz)	Modulation	Channel		630668	633334	636000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3460.02	3500.01	3540		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	21.28	21.40	21.16	0	22.5
	QPSK	1	#1	21.47	21.42	21.39	0	22.5
		1	#Mid	21.28	21.35	21.33	0	22.5
		1	#Max	21.07	21.13	21.26	0	22.5
		50%	#0	21.22	21.29	21.22	0	22.5
		50%	#Mid	21.34	21.24	21.37	0	22.5
		50%	#Max	21.00	21.05	20.97	0	22.5
		100%	--	21.18	21.12	21.12	0	22.5
		16QAM	1	#1	21.17	21.23	21.22	0
	64QAM	1	#1	20.95	21.13	21.17	0	22.5
	256QAM	1	#1	19.23	19.27	19.14	2	20.5
	CP-OFDM QPSK	1	#1	21.16	21.28	21.24	0	22.5
BW (MHz)	Modulation	Channel		630500	633334	636166	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3457.5	3500.01	3542.49		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	21.26	21.51	21.15	0	22.5
	QPSK	1	#1	21.45	21.38	21.48	0	22.5
		1	#Mid	21.20	21.33	21.29	0	22.5
		1	#Max	21.06	21.14	21.18	0	22.5
		50%	#0	21.33	21.36	21.23	0	22.5
		50%	#Mid	21.52	21.10	21.38	0	22.5
		50%	#Max	21.16	21.05	20.88	0	22.5
		100%	--	21.28	21.03	21.13	0	22.5
		16QAM	1	#1	21.20	21.15	21.10	0
	64QAM	1	#1	20.92	21.20	20.98	0	22.5
	256QAM	1	#1	19.26	19.27	19.12	2	20.5
	CP-OFDM QPSK	1	#1	21.27	21.12	21.25	0	22.5

BW (MHz)	Modulation	Channel		630334	633334	636332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3455.01	3500.01	3544.98		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	20.97	21.00	21.08	0	22.5
	QPSK	1	#1	21.16	21.10	21.04	0	22.5
		1	#Mid	21.08	20.97	21.07	0	22.5
		1	#Max	20.82	21.05	20.93	0	22.5
		50%	#0	20.97	20.92	20.92	0	22.5
		50%	#Mid	21.00	20.99	21.00	0	22.5
		50%	#Max	20.87	20.86	20.73	0	22.5
		100%	--	20.93	20.94	20.91	0	22.5
	16QAM	1	#1	20.83	20.90	20.96	0	22.5
	64QAM	1	#1	20.84	20.96	20.77	0	22.5
	256QAM	1	#1	18.99	19.04	18.98	2	20.5
	CP-OFDM QPSK	1	#1	20.83	21.00	20.83	0	22.5

NR n78_HPUE				Ant 1/Ant 2/Amt 3				
BW (MHz)	Modulation	Channel		--	650000	--	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		--	3750	--		
		RB No.	RB Offset	Measured Power (dBm)				
100M	PI/2 BPSK	1	#1	--	22.11	--	0	22.5
	QPSK	1	#1	--	22.31	--	0	22.5
		1	#Mid	--	22.24	--	0	22.5
		1	#Max	--	21.92	--	0	22.5
		50%	#0	--	22.03	--	0	22.5
		50%	#Mid	--	22.16	--	0	22.5
		50%	#Max	--	21.90	--	0	22.5
		100%	--	--	22.11	--	0	22.5
	16QAM	1	#1	--	22.06	--	0	22.5
	64QAM	1	#1	--	22.08	--	0	22.5
	256QAM	1	#1	--	19.93	--	2	20.5
	CP-OFDM QPSK	1	#1	--	22.18	--	0	22.5
BW (MHz)	Modulation	Channel		649668	650000	650332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3745.02	3750	3754.98		
		RB No.	RB Offset	Measured Power (dBm)				
90M	PI/2 BPSK	1	#1	22.06	21.86	22.11	0	22.5
	QPSK	1	#1	22.00	22.26	22.15	0	22.5
		1	#Mid	22.16	22.07	22.01	0	22.5
		1	#Max	21.97	21.92	21.91	0	22.5
		50%	#0	21.86	21.89	22.09	0	22.5
		50%	#Mid	21.97	22.22	22.13	0	22.5
		50%	#Max	21.70	21.82	21.97	0	22.5
		100%	--	21.90	22.08	22.02	0	22.5
	16QAM	1	#1	21.80	21.89	21.83	0	22.5
	64QAM	1	#1	21.89	21.92	21.82	0	22.5
	256QAM	1	#1	20.05	20.02	19.96	2	20.5
	CP-OFDM QPSK	1	#1	22.01	21.96	22.01	0	22.5

BW (MHz)	Modulation	Channel		649334	650000	650666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3740.01	3750	3759.99		
		RB No.	RB Offset	Measured Power (dBm)				
80M	PI/2 BPSK	1	#1	21.86	21.90	21.83	0	22.5
	QPSK	1	#1	21.89	22.01	22.04	0	22.5
		1	#Mid	21.91	21.94	22.00	0	22.5
		1	#Max	21.98	21.88	21.80	0	22.5
		50%	#0	21.95	21.73	21.93	0	22.5
		50%	#Mid	22.07	21.93	21.90	0	22.5
		50%	#Max	21.67	21.88	21.74	0	22.5
		100%	--	21.83	21.83	21.89	0	22.5
	16QAM	1	#1	21.85	21.78	21.91	0	22.5
	64QAM	1	#1	21.80	21.73	21.90	0	22.5
	256QAM	1	#1	19.87	19.83	19.84	2	20.5
	CP-OFDM QPSK	1	#1	21.95	22.07	22.00	0	22.5
BW (MHz)	Modulation	Channel		649000	650000	651000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3735	3750	3765		
		RB No.	RB Offset	Measured Power (dBm)				
70M	PI/2 BPSK	1	#1	21.22	21.28	21.32	0	22.5
	QPSK	1	#1	21.18	21.24	21.23	0	22.5
		1	#Mid	21.13	21.24	21.18	0	22.5
		1	#Max	21.16	21.06	21.09	0	22.5
		50%	#0	21.13	21.00	20.89	0	22.5
		50%	#Mid	21.12	21.09	21.19	0	22.5
		50%	#Max	20.87	21.13	20.84	0	22.5
		100%	--	20.92	20.93	20.95	0	22.5
	16QAM	1	#1	21.06	21.16	20.96	0	22.5
	64QAM	1	#1	20.82	20.97	20.89	0	22.5
	256QAM	1	#1	19.03	19.08	18.94	2	20.5
	CP-OFDM QPSK	1	#1	21.19	21.22	20.97	0	22.5

BW (MHz)	Modulation	Channel		648668	650000	651332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3730.02	3750	3769.98		
		RB No.	RB Offset	Measured Power (dBm)				
60M	PI/2 BPSK	1	#1	21.74	21.96	21.84	0	22.5
	QPSK	1	#1	21.87	22.15	21.90	0	22.5
		1	#Mid	21.97	21.88	21.87	0	22.5
		1	#Max	21.68	21.72	21.63	0	22.5
		50%	#0	21.89	21.75	21.61	0	22.5
		50%	#Mid	21.92	22.01	21.90	0	22.5
		50%	#Max	21.63	21.59	21.69	0	22.5
		100%	--	21.82	21.76	21.57	0	22.5
	16QAM	1	#1	21.78	21.92	21.72	0	22.5
	64QAM	1	#1	21.69	21.52	21.63	0	22.5
	256QAM	1	#1	19.86	19.57	19.76	2	20.5
	CP-OFDM QPSK	1	#1	21.66	21.74	21.76	0	22.5
BW (MHz)	Modulation	Channel		648334	650000	651666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3725.01	3750	3774.99		
		RB No.	RB Offset	Measured Power (dBm)				
50M	PI/2 BPSK	1	#1	21.61	21.85	21.75	0	22.5
	QPSK	1	#1	21.70	21.87	21.94	0	22.5
		1	#Mid	21.74	21.90	21.67	0	22.5
		1	#Max	21.63	21.82	21.57	0	22.5
		50%	#0	21.72	21.72	21.72	0	22.5
		50%	#Mid	21.72	21.78	21.75	0	22.5
		50%	#Max	21.62	21.74	21.73	0	22.5
		100%	--	21.69	21.50	21.78	0	22.5
	16QAM	1	#1	21.60	21.65	21.50	0	22.5
	64QAM	1	#1	21.42	21.62	21.57	0	22.5
	256QAM	1	#1	19.68	19.59	19.65	2	20.5
	CP-OFDM QPSK	1	#1	21.59	21.61	21.72	0	22.5

BW (MHz)	Modulation	Channel		648000	650000	652000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3720	3750	3780		
		RB No.	RB Offset	Measured Power (dBm)				
40M	PI/2 BPSK	1	#1	21.52	21.83	21.60	0	22.5
	QPSK	1	#1	21.74	21.77	21.87	0	22.5
		1	#Mid	21.62	21.70	21.81	0	22.5
		1	#Max	21.49	21.61	21.59	0	22.5
		50%	#0	21.55	21.58	21.63	0	22.5
		50%	#Mid	21.49	21.60	21.56	0	22.5
		50%	#Max	21.49	21.47	21.41	0	22.5
		100%	--	21.40	21.50	21.51	0	22.5
	16QAM	1	#1	21.49	21.52	21.60	0	22.5
	64QAM	1	#1	21.36	21.44	21.43	0	22.5
	256QAM	1	#1	19.53	19.67	19.41	2	20.5
	CP-OFDM QPSK	1	#1	21.44	21.58	21.43	0	22.5
BW (MHz)	Modulation	Channel		647668	650000	652332	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3715.02	3750	3784.98		
		RB No.	RB Offset	Measured Power (dBm)				
30M	PI/2 BPSK	1	#1	21.54	21.70	21.62	0	22.5
	QPSK	1	#1	21.59	21.62	21.52	0	22.5
		1	#Mid	21.66	21.55	21.74	0	22.5
		1	#Max	21.34	21.37	21.39	0	22.5
		50%	#0	21.49	21.45	21.48	0	22.5
		50%	#Mid	21.46	21.59	21.47	0	22.5
		50%	#Max	21.16	21.47	21.25	0	22.5
		100%	--	21.47	21.48	21.45	0	22.5
	16QAM	1	#1	21.54	21.38	21.59	0	22.5
	64QAM	1	#1	21.22	21.39	21.40	0	22.5
	256QAM	1	#1	19.47	19.45	19.49	2	20.5
	CP-OFDM QPSK	1	#1	21.46	21.47	21.34	0	22.5

BW (MHz)	Modulation	Channel		647334	650000	652666	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3710.01	3750	3789.99		
		RB No.	RB Offset	Measured Power (dBm)				
20M	PI/2 BPSK	1	#1	21.45	21.43	21.36	0	22.5
	QPSK	1	#1	21.41	21.63	21.70	0	22.5
		1	#Mid	21.56	21.53	21.48	0	22.5
		1	#Max	21.42	21.34	21.21	0	22.5
		50%	#0	21.24	21.49	21.39	0	22.5
		50%	#Mid	21.52	21.51	21.32	0	22.5
		50%	#Max	21.39	21.35	21.17	0	22.5
		100%	--	21.24	21.33	21.50	0	22.5
	16QAM	1	#1	21.32	21.30	21.37	0	22.5
	64QAM	1	#1	21.20	21.21	21.28	0	22.5
	256QAM	1	#1	19.45	19.47	19.37	2	20.5
	CP-OFDM QPSK	1	#1	21.22	21.41	21.45	0	22.5
BW (MHz)	Modulation	Channel		647168	650000	652832	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3707.52	3750	3792.48		
		RB No.	RB Offset	Measured Power (dBm)				
15M	PI/2 BPSK	1	#1	21.25	21.26	21.41	0	22.5
	QPSK	1	#1	21.58	21.43	21.45	0	22.5
		1	#Mid	21.24	21.31	21.37	0	22.5
		1	#Max	21.25	21.38	21.17	0	22.5
		50%	#0	21.24	21.12	21.18	0	22.5
		50%	#Mid	21.16	21.40	21.21	0	22.5
		50%	#Max	21.13	21.10	21.14	0	22.5
		100%	--	21.24	21.23	21.36	0	22.5
	16QAM	1	#1	21.23	21.41	21.24	0	22.5
	64QAM	1	#1	21.14	21.05	21.13	0	22.5
	256QAM	1	#1	19.10	19.16	19.22	2	20.5
	CP-OFDM QPSK	1	#1	21.25	21.25	21.26	0	22.5

BW (MHz)	Modulation	Channel		647000	650000	653000	MPR	Tune-up Limit (dBm)
		Frequency (MHz)		3705	3750	3795		
		RB No.	RB Offset	Measured Power (dBm)				
10M	PI/2 BPSK	1	#1	21.23	21.32	21.34	0	22.5
	QPSK	1	#1	21.42	21.33	21.32	0	22.5
		1	#Mid	21.17	21.16	21.33	0	22.5
		1	#Max	21.13	21.09	21.02	0	22.5
		50%	#0	21.20	21.06	21.10	0	22.5
		50%	#Mid	21.15	21.30	21.18	0	22.5
		50%	#Max	20.89	21.04	21.11	0	22.5
		100%	--	21.18	21.02	21.19	0	22.5
	16QAM	1	#1	21.16	21.22	21.21	0	22.5
	64QAM	1	#1	21.13	20.94	20.90	0	22.5
	256QAM	1	#1	19.09	19.16	19.27	2	20.5
	CP-OFDM QPSK	1	#1	21.14	21.21	21.26	0	22.5

LTE Intra-Band Up-Link Carrier Aggregation

Number	Combination
1	5B
2	7C
3	41C
4	48C
5	66B
6	66C

DSI0_P-Sensor On

2UL_CA_7C Maximum Average Output Power(DSI0)											
Channel	PCC					SCC					Total Power (dBm)
	BW (MHz)	Channel	Frequency (MHz)	RB No.	RB offset	BW (MHz)	Channel	Frequency (MHz)	RB No.	RB offset	QPSK
Low	20	20850	2510	1	0	20	21048	2529.8	0	0	21.98
Mid	20	21001	2525.1	1	0	20	21199	2544.9	0	0	22.12
High	20	21152	2540.2	1	0	20	21350	2560	0	0	22.01

2UL_CA_5B Maximum Average Output Power(DSI0)											
Channel	PCC					SCC					Total Power (dBm)
	BW (MHz)	Channel	Frequency (MHz)	RB No.	RB offset	BW (MHz)	Channel	Frequency (MHz)	RB No.	RB offset	QPSK
Low	10	20450	829	1	0	10	20549	838.9	0	0	23.19
Mid	10	20476	831.6	1	0	10	20575	841.5	0	0	23.56
High	10	20501	834.1	1	0	10	20600	844	0	0	23.15

2UL_CA_41C Maximum Average Output Power(DSI0)											
Channel	PCC					SCC					Total Power (dBm)
	BW (MHz)	Channel	Frequency (MHz)	RB No.	RB offset	BW (MHz)	Channel	Frequency (MHz)	RB No.	RB offset	QPSK
Low	20	39750	2506	1	0	20	39948	2525.8	0	0	23.76
Mid	20	40521	2583.1	1	0	20	40719	2602.9	0	0	23.83
High	20	41292	2660.2	1	0	20	41490	2680	0	0	23.67

2UL_CA_48C Maximum Average Output Power(DSI0)											
Channel	BW (MHz)	Channel	Frequency (MHz)	RB No.	RB offset	BW (MHz)	Channel	Frequency (MHz)	RB No.	RB offset	QPSK
Low	20	55340	3560	1	0	20	55538	3579.8	0	0	16.06
Mid	20	55891	3615.1	1	0	20	56089	3634.9	0	0	16.38
High	20	56442	3670.2	1	0	20	56640	3690	0	0	16.18

2UL_CA_66B Maximum Average Output Power(DSI0)											
Channel	PCC					SCC					Total Power (dBm)
	BW (MHz)	Channel	Frequency (MHz)	RB No.	RB offset	BW (MHz)	Channel	Frequency (MHz)	RB No.	RB offset	QPSK
Low	10	132022	1715	1	0	10	132121	1724.9	0	0	16.18
Mid	10	132373	1750.1	1	0	10	132472	1760	0	0	16.29
High	10	132622	1775	1	0	10	N/A	N/A	0	0	16.21

2UL_CA_66C Maximum Average Output Power(DSI0)											
Channel	PCC					SCC					Total Power (dBm)
	BW (MHz)	Channel	Frequency (MHz)	RB No.	RB offset	BW (MHz)	Channel	Frequency (MHz)	RB No.	RB offset	QPSK
Low	20	132072	1720	1	0	20	132270	1739.8	0	0	16.22
Mid	20	132323	1745.1	1	0	20	132521	1764.9	0	0	16.28
High	20	132572	1770	1	0	20	N/A	N/A	0	0	16.25

DSI1_P-Sensor Off

2UL_CA_7C Maximum Average Output Power(DSI1)											
Channel	PCC					SCC					Total Power (dBm)
	BW (MHz)	Channel	Frequency (MHz)	RB No.	RB offset	BW (MHz)	Channel	Frequency (MHz)	RB No.	RB offset	QPSK
Low	20	20850	2510	1	0	20	21048	2529.8	0	0	23.07
Mid	20	21001	2525.1	1	0	20	21199	2544.9	0	0	23.26
High	20	21152	2540.2	1	0	20	21350	2560	0	0	23.04

2UL_CA_5B Maximum Average Output Power(DSI1)											
Channel	PCC					SCC					Total Power (dBm)
	BW (MHz)	Channel	Frequency (MHz)	RB No.	RB offset	BW (MHz)	Channel	Frequency (MHz)	RB No.	RB offset	QPSK
Low	10	20450	829	1	0	10	20549	838.9	0	0	23.19
Mid	10	20476	831.6	1	0	10	20575	841.5	0	0	23.56
High	10	20501	834.1	1	0	10	20600	844	0	0	23.15

2UL_CA_41C Maximum Average Output Power(DSI1)											
Channel	PCC					SCC					Total Power (dBm)
	BW (MHz)	Channel	Frequency (MHz)	RB No.	RB offset	BW (MHz)	Channel	Frequency (MHz)	RB No.	RB offset	QPSK
Low	20	39750	2506	1	0	20	39948	2525.8	0	0	25.21
Mid	20	40521	2583.1	1	0	20	40719	2602.9	0	0	25.36
High	20	41292	2660.2	1	0	20	41490	2680	0	0	25.11

2UL_CA_48C Maximum Average Output Power(DSI1)											
Channel	PCC					SCC					Total Power (dBm)
	BW (MHz)	Channel	Frequency (MHz)	RB No.	RB offset	BW (MHz)	Channel	Frequency (MHz)	RB No.	RB offset	QPSK
Low	20	55340	3560	1	0	20	55538	3579.8	0	0	22.01
Mid	20	55891	3615.1	1	0	20	56089	3634.9	0	0	22.29
High	20	56442	3670.2	1	0	20	56640	3690	0	0	22.15

2UL_CA_66B Maximum Average Output Power(DSI1)											
Channel	PCC					SCC					Total Power (dBm)
	BW (MHz)	Channel	Frequency (MHz)	RB No.	RB offset	BW (MHz)	Channel	Frequency (MHz)	RB No.	RB offset	QPSK
Low	10	132022	1715	1	0	10	132121	1724.9	0	0	22.17
Mid	10	132373	1750.1	1	0	10	132472	1760	0	0	22.26
High	10	132622	1775	1	0	10	N/A	N/A	0	0	22.19

2UL_CA_66C Maximum Average Output Power(DSI1)											
Channel	PCC					SCC					Total Power (dBm)
	BW (MHz)	Channel	Frequency (MHz)	RB No.	RB offset	BW (MHz)	Channel	Frequency (MHz)	RB No.	RB offset	QPSK
Low	20	132072	1720	1	0	20	132270	1739.8	0	0	22.13
Mid	20	132323	1745.1	1	0	20	132521	1764.9	0	0	22.20
High	20	132572	1770	1	0	20	N/A	N/A	0	0	22.10

LTE Down-Link Carrier Aggregation

The tables show the supported frequency bands of the device for DL Inter-band and DL Intra-band combinations.

Index	2CC	Restriction	Completely Covered by Measurement Superset
2CC #1	CA_2A-2A		3CC #11
2CC #2	CA_2A-4A		3CC #16
2CC #3	CA_2A-5A		3CC #17
2CC #4	CA_2A-7A		3CC #20
2CC #5	CA_2A-12A		3CC #1
2CC #6	CA_2A-13A		3CC #5
2CC #7	CA_2A-14A		3CC #7
2CC #8	CA_2A-29A		3CC #9
2CC #9	CA_2A-30A		3CC #9
2CC #11	CA_2A-48A		3CC #5
2CC #12	CA_2A-66A		3CC #3
2CC #13	CA_2A-71A		3CC #19
2CC #14	CA_2A-26A		3CC #52
2CC #15	CA_4A-12A		3CC #54
2CC #16	CA_4A-13A		3CC #60
2CC #17	CA_4A-29A		3CC #57
2CC #18	CA_4A-30A		3CC #57
2CC #20	CA_4A-48A		3CC #58
2CC #21	CA_4A-4A		3CC #59
2CC #22	CA_4A-5A		3CC #63
2CC #23	CA_4A-71A		3CC #64
2CC #24	CA_5A-12A		3CC #66
2CC #25	CA_5A-13A		3CC #67
2CC #26	CA_5A-25A		No
2CC #27	CA_5A-29A		3CC #33
2CC #28	CA_5A-30A		3CC #34
2CC #29	CA_5A-38A		No
2CC #30	CA_5A-41A		No
2CC #32	CA_5A-48A		3CC #35
2CC #33	CA_5A-5A		3CC #79
2CC #34	CA_5A-66A		3CC #80
2CC #35	CA_5A-7A		3CC #83
2CC #36	CA_5B		3CC #85
2CC #37	CA_7A-12A		3CC #71
2CC #38	CA_7A-13A		3CC #91
2CC #39	CA_7A-26A		3CC #92
2CC #40	CA_7A-29A		3CC #93
2CC #42	CA_7A-66A		3CC #94
2CC #43	CA_7A-7A		3CC #91
2CC #44	CA_7B		No

2CC #45	CA_7C		3CC #84
2CC #46	CA_7A-25A		3CC #118
2CC #47	CA_12A-12A		3CC #1
2CC #48	CA_12A-25A		No
2CC #49	CA_12A-30A		3CC #104
2CC #51	CA_12A-66A		3CC #124
2CC #52	CA_12B		3CC #125
2CC #54	CA_13A-48A		3CC #5
2CC #55	CA_13A-66A		3CC #6
2CC #56	CA_14A-30A		3CC #7
2CC #57	CA_14A-66A		3CC #8
2CC #58	CA_25A-25A		3CC #100
2CC #59	CA_25A-26A		3CC #117
2CC #60	CA_25A-41A		3CC #118
2CC #62	CA_25A-66A		3CC #101
2CC #63	CA_26A-41A		3CC #119
2CC #65	CA_29A-30A		3CC #123
2CC #66	CA_29A-66A		3CC #123
2CC #67	CA_30A-66A		3CC #123
2CC #68	CA_41A-41A		3CC #126
2CC #70	CA_41A-48A		No
2CC #71	CA_41C		3CC #120
2CC #72	CA_43A-43A		No
2CC #73	CA_43C		No
2CC #76	CA_48A-48A		3CC #22
2CC #77	CA_48A-66A		3CC #23
2CC #78	CA_48A-71A		3CC #129
2CC #79	CA_48B		No
2CC #80	CA_48C		3CC #130
2CC #81	CA_66A-66A		3CC #39
2CC #82	CA_66A-71A		3CC #40
2CC #83	CA_66B		3CC #41
2CC #84	CA_66C		3CC #42

Index	3CC	Restriction	Completely Covered by Measurement Superset
3CC #1	CA_2A-12A-12A		4CC #10
3CC #2	CA_2A-12A-30A		4CC #11
3CC #3	CA_2A-12A-66A		4CC #12
3CC #4	CA_2A-12B		4CC #13
3CC #5	CA_2A-13A-48A		No
3CC #6	CA_2A-13A-66A		4CC #5
3CC #7	CA_2A-14A-30A		4CC #15
3CC #8	CA_2A-14A-66A		4CC #8
3CC #9	CA_2A-29A-30A		4CC #17
3CC #10	CA_2A-29A-66A		4CC #18
3CC #11	CA_2A-2A-12A		4CC #10
3CC #12	CA_2A-2A-13A		4CC #14
3CC #13	CA_2A-2A-14A		4CC #15
3CC #14	CA_2A-2A-29A		4CC #17
3CC #15	CA_2A-2A-30A		4CC #17
3CC #16	CA_2A-2A-4A		4CC #20
3CC #17	CA_2A-2A-5A		4CC #22
3CC #18	CA_2A-2A-66A		4CC #18
3CC #19	CA_2A-2A-71A		4CC #29
3CC #20	CA_2A-2A-7A		4CC #32
3CC #21	CA_2A-30A-66A		4CC #19
3CC #22	CA_2A-48A-48A		No
3CC #23	CA_2A-48A-66A		4CC #36
3CC #24	CA_2A-5A-13A		No
3CC #25	CA_2A-4A-12A		4CC #40
3CC #26	CA_2A-4A-13A		No
3CC #27	CA_2A-4A-29A		No
3CC #28	CA_2A-4A-30A		No
3CC #29	CA_2A-4A-4A		4CC #40
3CC #30	CA_2A-4A-5A		4CC #41
3CC #31	CA_2A-4A-71A		4CC #23
3CC #32	CA_2A-5A-12A		4CC #24
3CC #33	CA_2A-5A-29A		No
3CC #34	CA_2A-5A-30A		4CC #25
3CC #35	CA_2A-5A-48A		No
3CC #36	CA_2A-5A-66A		4CC #26
3CC #37	CA_2A-5A-7A		4CC #50
3CC #38	CA_2A-5B		4CC #42
3CC #39	CA_2A-66A-66A		4CC #31
3CC #40	CA_2A-66A-71A		4CC #55
3CC #41	CA_2A-66B		4CC #48
3CC #42	CA_2A-66C		4CC #49
3CC #43	CA_2A-7A-12A		4CC #32
3CC #44	CA_2A-7A-13A		4CC #61
3CC #45	CA_2A-7A-29A		4CC #62
3CC #46	CA_2A-7A-66A		4CC #60
3CC #47	CA_2A-7C		4CC #44

3CC #48	CA_2C-12A		4CC #67
3CC #49	CA_2C-29A		4CC #68
3CC #50	CA_2C-30A		4CC #68
3CC #51	CA_2C-66A		4CC #70
3CC #52	CA_2A-7A-26A		No
3CC #53	CA_2A-26A-66A		No
3CC #54	CA_4A-12A-12A		4CC #75
3CC #55	CA_4A-12A-30A		4CC #76
3CC #56	CA_4A-12B		4CC #77
3CC #57	CA_4A-29A-30A		4CC #78
3CC #58	CA_4A-48C		No
3CC #59	CA_4A-4A-12A		4CC #40
3CC #60	CA_4A-4A-13A		No
3CC #61	CA_4A-4A-29A		4CC #78
3CC #62	CA_4A-4A-30A		4CC #76
3CC #63	CA_4A-4A-5A		4CC #41
3CC #64	CA_4A-4A-71A		No
3CC #65	CA_4A-4A-7A		No
3CC #66	CA_4A-5A-12A		4CC #79
3CC #67	CA_4A-5A-13A		No
3CC #68	CA_4A-5A-29A		No
3CC #69	CA_4A-5A-30A		4CC #80
3CC #70	CA_4A-5B		4CC #42
3CC #71	CA_4A-7A-12A		No
3CC #72	CA_4A-7A-7A		4CC #43
3CC #73	CA_4A-7C		4CC #44
3CC #74	CA_5A-12A-66A		No
3CC #75	CA_5A-12B		4CC #45
3CC #76	CA_5A-30A-66A		4CC #84
3CC #77	CA_5A-48A-66A		4CC #99
3CC #78	CA_5A-48C		4CC #85
3CC #79	CA_5A-5A-66A		4CC #87
3CC #80	CA_5A-66A-66A		4CC #87
3CC #81	CA_5A-66B		4CC #88
3CC #82	CA_5A-66C		4CC #89
3CC #83	CA_5A-7A-66A		4CC #93
3CC #84	CA_5A-7C		4CC #51
3CC #85	CA_5B-30A		4CC #52
3CC #86	CA_5B-66A		4CC #53
3CC #87	CA_7A-12A-66A		No
3CC #88	CA_7A-12B		No
3CC #89	CA_7A-29A-66A		4CC #101
3CC #90	CA_7A-66A-66A		4CC #93
3CC #91	CA_7A-7A-13A		4CC #61
3CC #92	CA_7A-7A-26A		No
3CC #93	CA_7A-7A-29A		4CC #62
3CC #94	CA_7A-7A-66A		4CC #63
3CC #95	CA_7C-13A		4CC #64
3CC #96	CA_7C-29A		4CC #65

3CC #97	CA_7C-66A		4CC #66
3CC #98	CA_7A-13A-66A		4CC #107
3CC #99	CA_7A-26A-66A		No
3CC #100	CA_7A-25A-25A		4CC #106
3CC #101	CA_7A-25A-66A		4CC #106
3CC #102	CA_7A-7A-25A		4CC #108
3CC #103	CA_7C-25A		4CC #110
3CC #104	CA_12A-30A-66A		4CC #112
3CC #105	CA_12A-66A-66A		4CC #1
3CC #106	CA_12A-66C		4CC #2
3CC #107	CA_12B-66A		4CC #3
3CC #108	CA_13A-48A-48A		No
3CC #109	CA_13A-48A-66A		4CC #122
3CC #110	CA_13A-48C		4CC #4
3CC #111	CA_13A-66A-66A		4CC #5
3CC #112	CA_13A-66B		4CC #6
3CC #113	CA_13A-66C		4CC #7
3CC #114	CA_14A-30A-66A		4CC #123
3CC #115	CA_14A-66A-66A		4CC #8
3CC #116	CA_25A-25A-25A		No
3CC #117	CA_25A-25A-26A		4CC #125
3CC #118	CA_25A-25A-41A		4CC #125
3CC #119	CA_25A-26A-41A		4CC #125
3CC #120	CA_25A-41C		4CC #126
3CC #121	CA_25A-25A-66A		4CC #106
3CC #122	CA_26A-41C		4CC #127
3CC #123	CA_29A-30A-66A		4CC #129
3CC #124	CA_29A-66A-66A		4CC #9
3CC #125	CA_30A-66A-66A		4CC #34
3CC #126	CA_41A-41A-41A		No
3CC #127	CA_41A-41C		No
3CC #128	CA_48A-48A-66A		4CC #133
3CC #129	CA_48A-48A-71A		No
3CC #130	CA_48A-48C		4CC #35
3CC #131	CA_48A-66A-66A		4CC #36
3CC #132	CA_48A-66B		4CC #134
3CC #133	CA_48A-66C		4CC #135
3CC #134	CA_48C-66A		4CC #136
3CC #135	CA_48C-71A		No
3CC #136	CA_48D		4CC #38
3CC #137	CA_66A-66A-66A		4CC #54
3CC #138	CA_66A-66A-71A		4CC #55
3CC #139	CA_66A-66B		4CC #56
3CC #140	CA_66A-66C		4CC #57
3CC #141	CA_66C-71A		4CC #58
3CC #142	CA_66D		4CC #59

Index	4CC	Restriction	Completely Covered by Measurement Superset
4CC #1	CA_2A-12A-66A-66A		No
4CC #2	CA_2A-12A-66C		5CC #3
4CC #3	CA_2A-12B-66A		5CC #1
4CC #4	CA_2A-13A-48C		No
4CC #5	CA_2A-13A-66A-66A		5CC #8
4CC #6	CA_2A-13A-66B		5CC #3
4CC #7	CA_2A-13A-66C		5CC #4
4CC #8	CA_2A-14A-66A-66A		5CC #10
4CC #9	CA_2A-29A-66A-66A		5CC #11
4CC #10	CA_2A-2A-12A-12A		No
4CC #11	CA_2A-2A-12A-30A		No
4CC #12	CA_2A-2A-12A-66A		5CC #6
4CC #13	CA_2A-2A-12B		5CC #7
4CC #14	CA_2A-2A-13A-66A		5CC #8
4CC #15	CA_2A-2A-14A-30A		No
4CC #16	CA_2A-2A-14A-66A		5CC #10
4CC #17	CA_2A-2A-29A-30A		No
4CC #18	CA_2A-2A-29A-66A		5CC #11
4CC #19	CA_2A-2A-30A-66A		No
4CC #20	CA_2A-2A-4A-12A		No
4CC #21	CA_2A-2A-4A-4A		No
4CC #22	CA_2A-2A-4A-5A		No
4CC #23	CA_2A-2A-4A-71A		No
4CC #24	CA_2A-2A-5A-12A		No
4CC #25	CA_2A-2A-5A-30A		No
4CC #26	CA_2A-2A-5A-66A		5CC #12
4CC #27	CA_2A-2A-5B		5CC #15
4CC #28	CA_2A-2A-66A-66A		5CC #6
4CC #29	CA_2A-2A-66A-71A		No
4CC #30	CA_2A-2A-66B		5CC #9
4CC #31	CA_2A-2A-66C		5CC #14
4CC #32	CA_2A-2A-7A-12A		No
4CC #33	CA_2A-2A-7A-66A		5CC #25
4CC #34	CA_2A-30A-66A-66A		No
4CC #35	CA_2A-48A-48C		No
4CC #36	CA_2A-48A-66A-66A		No
4CC #37	CA_2A-48C-66A		No
4CC #38	CA_2A-48D		5CC #18
4CC #39	CA_2A-4A-12B		No
4CC #40	CA_2A-4A-4A-12A		No
4CC #41	CA_2A-4A-4A-5A		No
4CC #42	CA_2A-4A-5B		No
4CC #43	CA_2A-4A-7A-7A		No
4CC #44	CA_2A-4A-7C		No
4CC #45	CA_2A-5A-12B		No
4CC #46	CA_2A-5A-48C		No
4CC #47	CA_2A-5A-66A-66A		No

4CC #48	CA_2A-5A-66B		5CC #13
4CC #49	CA_2A-5A-66C		5CC #14
4CC #50	CA_2A-5A-7A-7A		No
4CC #51	CA_2A-5A-7C		No
4CC #52	CA_2A-5B-30A		No
4CC #53	CA_2A-5B-66A		5CC #15
4CC #54	CA_2A-66A-66A-66A		No
4CC #55	CA_2A-66A-66A-71A		No
4CC #56	CA_2A-66A-66B		5CC #3
4CC #57	CA_2A-66A-66C		5CC #4
4CC #58	CA_2A-66C-71A		No
4CC #59	CA_2A-66D		5CC #5
4CC #60	CA_2A-7A-66A-66A		5CC #25
4CC #61	CA_2A-7A-7A-13A		5CC #28
4CC #62	CA_2A-7A-7A-29A		No
4CC #63	CA_2A-7A-7A-66A		No
4CC #64	CA_2A-7C-13A		5CC #29
4CC #65	CA_2A-7C-29A		No
4CC #66	CA_2A-7C-66A		5CC #26
4CC #67	CA_2C-12A-30A		No
4CC #68	CA_2C-29A-30A		No
4CC #69	CA_2C-5A-30A		No
4CC #70	CA_2C-66A-66A		No
4CC #71	CA_2A-2A-7A-13A		5CC #28
4CC #72	CA_2A-2A-7A-7A		5CC #28
4CC #73	CA_2A-2A-7C		5CC #29
4CC #74	CA_4A-48D		No
4CC #75	CA_4A-4A-12A-12A		No
4CC #76	CA_4A-4A-12A-30A		No
4CC #77	CA_4A-4A-12B		No
4CC #78	CA_4A-4A-29A-30A		No
4CC #79	CA_4A-4A-5A-12A		No
4CC #80	CA_4A-4A-5A-30A		No
4CC #81	CA_4A-4A-5B		5CC #31
4CC #82	CA_4A-5A-12B		No
4CC #83	CA_4A-5B-30A		5CC #31
4CC #84	CA_5A-30A-66A-66A		No
4CC #85	CA_5A-48C-66A		No
4CC #86	CA_5A-48D		No
4CC #87	CA_5A-5A-66A-66A		No
4CC #88	CA_5A-5A-66B		No
4CC #89	CA_5A-5A-66C		No
4CC #90	CA_5A-66A-66B		No
4CC #91	CA_5A-66A-66C		No
4CC #92	CA_5A-66D		No
4CC #93	CA_5A-7A-66A-66A		No
4CC #94	CA_5A-7C-66A		No
4CC #95	CA_5B-30A-66A		No
4CC #96	CA_5B-66A-66A		No

4CC #97	CA_5B-66B		No
4CC #98	CA_5B-66C		No
4CC #99	CA_5A-48A-66A-66A		No
4CC #100	CA_5A-7A-7A-66A		No
4CC #101	CA_7A-7A-29A-66A		No
4CC #102	CA_7A-7A-66A-66A		5CC #25
4CC #103	CA_7C-29A-66A		No
4CC #104	CA_7C-66A-66A		5CC #26
4CC #105	CA_7C-13A-66A		No
4CC #106	CA_7A-25A-25A-66A		5CC #36
4CC #107	CA_7A-7A-13A-66A		No
4CC #108	CA_7A-7A-25A-25A		5CC #35
4CC #109	CA_7A-7A-25A-66A		5CC #35
4CC #110	CA_7C-25A-25A		5CC #36
4CC #111	CA_7C-25A-66A		5CC #36
4CC #112	CA_12A-30A-66A-66A		No
4CC #113	CA_12B-66A-66A		5CC #1
4CC #114	CA_13A-48A-48C		No
4CC #115	CA_13A-48A-66B		No
4CC #116	CA_13A-48A-66C		No
4CC #117	CA_13A-48C-66A		No
4CC #118	CA_13A-48D		5CC #39
4CC #119	CA_13A-66A-66B		5CC #3
4CC #120	CA_13A-66A-66C		5CC #4
4CC #121	CA_13A-66D		5CC #5
4CC #122	CA_13A-48A-66A-66A		No
4CC #123	CA_14A-30A-66A-66A		No
4CC #124	CA_14A-66A-66A-66A		No
4CC #125	CA_25A-25A-26A-41A		No
4CC #126	CA_25A-25A-41C		5CC #41
4CC #127	CA_25A-26A-41C		5CC #41
4CC #128	CA_25A-41D		5CC #42
4CC #129	CA_29A-30A-66A-66A		No
4CC #130	CA_41A-41D		No
4CC #131	CA_41C-41C		No
4CC #132	CA_41E		5CC #43
4CC #133	CA_48A-48A-66A-66A		No
4CC #134	CA_48A-48A-66B		No
4CC #135	CA_48A-48A-66C		No
4CC #136	CA_48A-48C-66A		No
4CC #137	CA_48A-48D		5CC #46
4CC #138	CA_48C-48C		No
4CC #139	CA_48C-66A-66A		No
4CC #140	CA_48C-66B		5CC #44
4CC #141	CA_48C-66C		5CC #45
4CC #142	CA_48D-66A		5CC #46
4CC #143	CA_48E		5CC #47

Index	5CC	Restriction	Completely Covered by Measurement Superset
5CC #1	CA_2A-12B-66A-66A		No
5CC #2	CA_2A-13A-48D		No
5CC #3	CA_2A-13A-66A-66B		No
5CC #4	CA_2A-13A-66A-66C		No
5CC #5	CA_2A-13A-66D		No
5CC #6	CA_2A-2A-12A-66A-66A		No
5CC #7	CA_2A-2A-12B-66A		No
5CC #8	CA_2A-2A-13A-66A-66A		No
5CC #9	CA_2A-2A-13A-66B		No
5CC #10	CA_2A-2A-14A-66A-66A		No
5CC #11	CA_2A-2A-29A-66A-66A		No
5CC #12	CA_2A-2A-5A-66A-66A		No
5CC #13	CA_2A-2A-5A-66B		No
5CC #14	CA_2A-2A-5A-66C		No
5CC #15	CA_2A-2A-5B-66A		No
5CC #16	CA_2A-2A-66A-66B		No
5CC #17	CA_2A-2A-66A-66C		No
5CC #18	CA_2A-48A-48D		No
5CC #19	CA_2A-48C-48C		No
5CC #20	CA_2A-48D-66A		No
5CC #21	CA_2A-48E		No
5CC #22	CA_2A-5B-66A-66A		No
5CC #23	CA_2A-5B-66B		No
5CC #24	CA_2A-5B-66C		No
5CC #25	CA_2A-7A-7A-66A-66A		No
5CC #26	CA_2A-7C-66A-66A		No
5CC #27	CA_2C-5B-30A		No
5CC #28	CA_2A-2A-7A-7A-13A		No
5CC #29	CA_2A-2A-7C-13A		No
5CC #30	CA_4A-48E		No
5CC #31	CA_4A-4A-5B-30A		No
5CC #32	CA_5B-30A-66A-66A		No
5CC #33	CA_5B-66A-66B		No
5CC #34	CA_5B-66A-66C		No
5CC #35	CA_7A-7A-25A-25A-66A		No
5CC #36	CA_7C-25A-25A-66A		No
5CC #37	CA_13A-48A-48D		No
5CC #38	CA_13A-48C-48C		No
5CC #39	CA_13A-48D-66A		No
5CC #40	CA_13A-48E		No
5CC #41	CA_25A-25A-26A-41C		No
5CC #42	CA_25A-25A-41D		No

5CC #43	CA_25A-41E		No
5CC #44	CA_48A-48C-66B		No
5CC #45	CA_48A-48C-66C		No
5CC #46	CA_48A-48D-66A		No
5CC #47	CA_48A-48E		No
5CC #48	CA_48C-48C-66A		No
5CC #49	CA_48C-48D		No
5CC #50	CA_48E-66A		No

DSI0_P-Sensor On

Two Component Carrier Maximum Conducted Power															
PCC							PCC DL		SCC				TX Power (dBm)		Configurations
Band	BW (MHz)	Modulation	RB No.	RB offset	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Band	BW (MHz)	Channel	Frequency (MHz)	CA Active	CA Inactive	
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B25	20	8590	1985	23.45	23.67	CA_5A-25A
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B38	20	38150	2610	23.47	23.67	CA_5A-38A
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B41	20	41490	2680	23.50	23.67	CA_5A-41A
LTE B12	10	QPSK	1	0	23095	707.5	5095	737.5	LTE B25	20	8590	1985	22.21	22.39	CA_12A-25A
LTE B41	20	QPSK	1	0	40620	2593	40620	2593	LTE B48	20	55990	3625	23.84	23.95	CA_41A-48A
LTE B48	20	QPSK	1	0	55990	3625	55990	3625	LTE B48	20	55990	3625	16.39	16.43	CA_48B

Two Component Carrier Maximum Conducted Power																			
PCC							PCC DL		SCC				SCC				TX Power (dBm)		Configurations
Band	BW (MHz)	Modulation	RB No.	RB offset	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Band	BW (MHz)	Channel	Frequency (MHz)	Band	BW (MHz)	Channel	Frequency (MHz)	CA Active	CA Inactive	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B13	20	5230	751	LTE B48	20	55990	3625	15.91	15.95	CA_2A-13A-48A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B48	20	55340	3560	LTE B48	20	56640	3690	15.91	15.95	CA_2A-48A-48A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B5	10	2525	881.5	LTE B13	20	5230	751	15.90	15.95	CA_2A-5A-13A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B4	20	2300	2145	LTE B13	20	5230	751	15.92	15.95	CA_2A-4A-13A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B4	20	2175	2132.5	LTE B29	10	9715	722.5	15.89	15.95	CA_2A-4A-29A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B4	20	2300	2145	LTE B30	10	9820	2355	15.88	15.95	CA_2A-4A-30A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B5	10	2525	881.5	LTE B29	10	9715	722.5	15.90	15.95	CA_2A-5A-29A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B5	10	2525	881.5	LTE B48	20	55990	3625	15.88	15.91	CA_2A-5A-48A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B7	20	3100	2655	LTE B26	15	8865	876.5	15.89	15.91	CA_2A-7A-26A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B26	15	8865	876.5	LTE B66	20	66786	2145	15.86	15.91	CA_2A-26A-66A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B48	20	55891	3615.1	LTE B48	20	56089	3634.9	16.39	16.48	CA_4A-48C
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B4	20	2300	2145	LTE B13	20	5230	751	16.38	16.48	CA_4A-4A-13A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B4	20	2300	2145	LTE B71	20	68786	637	16.37	16.48	CA_4A-4A-71A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B4	20	2300	2145	LTE B7	20	3350	2680	16.39	16.48	CA_4A-4A-7A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B5	10	2525	881.5	LTE B13	20	5230	751	16.41	16.48	CA_4A-5A-13A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B5	10	2525	881.5	LTE B29	10	9715	722.5	16.40	16.48	CA_4A-5A-29A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B7	20	3100	2655	LTE B12	10	5130	741	16.43	16.48	CA_4A-7A-12A
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B12	10	5095	737.5	LTE B66	20	66786	2145	23.59	23.67	CA_5A-12A-66A
LTE B7	20	QPSK	1	0	21100	2535	3100	2655	LTE B12	10	5095	737.5	LTE B66	20	66786	2145	22.41	22.48	CA_7A-12A-66A
LTE B7	20	QPSK	1	0	21100	2535	3100	2655	LTE B12	10	2048	732.8	LTE B12	10	5120	740	22.42	22.48	CA_7A-12B
LTE B7	20	QPSK	1	0	21100	2535	3100	2655	LTE B7	20	3350	2680	LTE B26	15	8865	876.5	22.42	22.48	CA_7A-7A-26A
LTE B7	20	QPSK	1	0	21100	2535	3100	2655	LTE B26	15	8865	876.5	LTE B66	20	66786	2145	22.46	22.48	CA_7A-26A-66A
LTE B13	10	QPSK	1	0	23230	782	5230	751	LTE B48	20	55340	3560	LTE B48	20	56640	3690	22.61	22.67	CA_13A-48A-48A
LTE B25	20	QPSK	1	0	26365	1882.5	8365	1962.5	LTE B25	20	8140	1940	LTE B25	20	8590	1985	16.89	16.95	CA_25A-25A-25A
LTE B41	20	QPSK	1	0	40620	2593	40620	2593	LTE B41	20	39750	2506	LTE B41	20	41490	2680	23.89	23.95	CA_41A-41A-41A
LTE B41	20	QPSK	1	0	40620	2593	40620	2593	LTE B41	20	40521	2583.1	LTE B41	20	40719	2602.9	23.91	23.95	CA_41A-41C
LTE B48	20	QPSK	1	0	55990	3625	55990	3625	LTE B48	20	55340	3560	LTE B71	20	68786	637	16.39	16.43	CA_48A-48A-71A
LTE B48	20	QPSK	1	0	55990	3625	55990	3625	LTE B48	20	56089	3634.9	LTE B71	20	68786	637	16.37	16.43	CA_48C-71A

Two Component Carrier Maximum Conducted Power																							
PCC							PCC DL		SCC				SCC				SCC				TX Power (dBm)		Configurations
Band	BW (MHz)	Modulation	RB No.	RB offset	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Band	BW (MHz)	Channel	Frequency (MHz)	Band	BW (MHz)	Channel	Frequency (MHz)	Band	BW (MHz)	Channel	Frequency (MHz)	CA Active	CA Inactive	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B12	10	5095	737.5	LTE B66	20	66536	2120	LTE B66	20	67236	2190	15.92	15.95	CA_2A-12A-66A-66A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B13	20	5230	751	LTE B48	20	55891	3615.1	LTE B48	20	56089	3634.9	15.91	15.95	CA_2A-13A-48C
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B12	10	5035	731.5	LTE B12	10	5155	743.5	15.91	15.95	CA_2A-2A-12A-12A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B12	10	5095	737.5	LTE B30	10	9820	2355	15.89	15.95	CA_2A-2A-12A-30A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B14	10	5330	763	LTE B30	10	9820	2355	19.92	15.95	CA_2A-2A-14A-30A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B29	10	9720	723	LTE B30	10	9820	2355	15.91	15.95	CA_2A-2A-29A-30A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B30	10	9820	2355	LTE B66	20	66786	2145	15.90	15.95	CA_2A-2A-30A-66A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B4	20	2300	2145	LTE B12	10	5095	737.5	15.89	15.91	CA_2A-2A-4A-12A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B4	20	2050	2120	LTE B4	20	2300	2145	15.90	15.91	CA_2A-2A-4A-4A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B4	20	2300	2145	LTE B5	10	2600	889	15.89	15.91	CA_2A-2A-4A-5A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B4	20	2300	2145	LTE B71	20	68786	637	15.89	15.91	CA_2A-2A-4A-71A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B5	10	2600	889	LTE B12	10	5095	737.5	15.87	15.91	CA_2A-2A-5A-12A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B5	10	2600	889	LTE B30	10	9820	2355	15.89	15.95	CA_2A-2A-5A-30A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B66	20	66786	2145	LTE B71	20	68786	637	15.90	15.95	CA_2A-2A-66A-71A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B7	20	3350	2680	LTE B12	10	5095	737.5	15.91	15.95	CA_2A-2A-7A-12A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B30	10	9820	2355	LTE B66	20	66536	2120	LTE B66	20	67236	2190	15.91	15.95	CA_2A-30A-66A-66A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B48	20	55990	3625	LTE B48	20	55891	3615.1	LTE B48	20	56089	3634.9	15.92	15.95	CA_2A-48A-48C
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B48	20	55990	3625	LTE B66	20	66536	2120	LTE B66	20	67236	2190	15.89	15.95	CA_2A-48A-66A-66A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B48	20	55891	3615.1	LTE B48	20	56089	3634.9	LTE B66	20	66786	2145	15.88	15.95	CA_2A-48C-66A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B4	20	2300	2145	LTE B12	10	5048	732.8	LTE B12	10	5120	740	15.90	15.95	CA_2A-4A-12B
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B4	20	2050	2120	LTE B4	20	2300	2145	LTE B12	10	5095	737.5	15.90	15.95	CA_2A-4A-4A-12A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B4	20	2050	2120	LTE B4	20	2300	2145	LTE B5	10	2525	881.5	15.89	15.95	CA_2A-4A-4A-5A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B4	20	2300	2145	LTE B5	10	2501	897.1	LTE B5	10	2600	889	15.91	15.95	CA_2A-4A-5B
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B4	20	2300	2145	LTE B7	20	2850	2630	LTE B7	20	3350	2680	15.91	15.95	CA_2A-4A-7A-7A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B4	20	2300	2145	LTE B7	20	3001	2645.1	LTE B7	20	3199	2664.9	15.93	15.95	CA_2A-4A-7C
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B5	10	2525	881.5	LTE B12	10	5048	732.8	LTE B12	10	5120	740	15.92	15.95	CA_2A-5A-12B
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B5	10	2525	881.5	LTE B48	20	55891	3615.1	LTE B48	20	56089	3634.9	15.92	15.95	CA_2A-5A-48C
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B5	10	2525	881.5	LTE B66	20	66536	2120	LTE B66	20	67236	2190	15.89	15.95	CA_2A-5A-66A-66A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B5	10	2525	881.5	LTE B7	20	2850	2630	LTE B7	20	3350	2680	15.91	15.95	CA_2A-5A-7A-7A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B5	10	2525	881.5	LTE B7	20	3001	2645.1	LTE B7	20	3199	2664.9	15.91	15.95	CA_2A-5A-7C
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B5	10	2501	897.1	LTE B5	10	2600	889	LTE B30	10	9820	2355	15.90	15.95	CA_2A-5B-30A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B66	20	66786	2145	LTE B66	20	66536	2120	LTE B66	20	67236	2190	15.90	15.95	CA_2A-66A-66A-66A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B66	20	66536	2120	LTE B66	20	67236	2190	LTE B71	20	68786	637	15.92	15.95	CA_2A-66A-66A-71A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B66	20	66787	2145.1	LTE B66	20	66985	2164.9	LTE B71	20	68786	637	15.91	15.95	CA_2A-66C-71A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B7	20	2850	2630	LTE B7	20	3350	2680	LTE B29	10	9715	722.5	15.91	15.95	CA_2A-7A-7A-29A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B7	20	2850	2630	LTE B7	20	3350	2680	LTE B66	20	66786	2145	15.92	15.95	CA_2A-7A-7A-66A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B7	20	3001	2645.1	LTE B7	20	3199	2664.9	LTE B29	10	9715	722.5	15.87	15.95	CA_2A-7C-29A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	801	1950.1	LTE B12	10	5095	737.5	LTE B30	10	9820	2355	15.89	15.95	CA_2C-12A-30A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	801	1950.1	LTE B29	10	9720	723	LTE B30	10	9820	2355	15.90	15.95	CA_2C-29A-30A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	801	1950.1	LTE B5	10	2600	889	LTE B30	10	9820	2355	15.90	15.95	CA_2C-5A-30A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	801	1950.1	LTE B66	20	66536	2120	LTE B66	20	67236	2190	15.93	15.95	CA_2C-66A-66A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B48	20	55792	3605.2	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	16.42	16.48	CA_4A-48D

LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B4	20	2300	2145	LTE B12	10	5035	731.5	LTE B12	10	5155	743.5	16.45	16.48	CA_4A-4A-12A-12A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B4	20	2300	2145	LTE B12	10	5095	737.5	LTE B30	10	9820	2355	16.45	16.48	CA_4A-4A-12A-30A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B4	20	2300	2145	LTE B12	10	5048	732.8	LTE B12	10	5120	740	16.46	16.48	CA_4A-4A-12B
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B4	20	2300	2145	LTE B29	10	9720	723	LTE B30	10	9820	2355	16.42	16.48	CA_4A-4A-29A-30A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B4	20	2300	2145	LTE B5	10	2600	889	LTE B12	10	5095	737.5	16.42	16.48	CA_4A-4A-5A-12A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B4	20	2300	2145	LTE B5	10	2600	889	LTE B30	10	9820	2355	16.45	16.48	CA_4A-4A-5A-30A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B5	10	2600	889	LTE B12	10	5048	732.8	LTE B12	10	5120	740	16.46	16.48	CA_4A-5A-12B
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B30	10	9820	2355	LTE B66	20	66536	2120	LTE B66	20	67236	2190	23.57	23.67	CA_5A-30A-66A-66A
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B48	20	55891	3615.1	LTE B48	20	56089	3634.9	LTE B66	20	66786	2145	23.58	23.67	CA_5A-48C-66A
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B48	20	55792	3605.2	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	23.58	23.67	CA_5A-48D
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B5	10	2600	889	LTE B66	20	66536	2120	LTE B66	20	67236	2190	23.59	23.67	CA_5A-5A-66A-66A
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B5	10	2600	889	LTE B66	20	66873	2150.1	LTE B66	20	66936	2160	23.60	23.67	CA_5A-5A-66B
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B5	10	2600	889	LTE B66	20	66787	2145.1	LTE B66	20	66985	2164.9	23.60	23.67	CA_5A-5A-66C
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B66	20	66786	2145	LTE B66	20	66873	2150.1	LTE B66	20	66936	2160	23.60	23.67	CA_5A-66A-66B
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B66	20	66786	2145	LTE B66	20	66787	2145.1	LTE B66	20	66985	2164.9	23.61	23.67	CA_5A-66A-66C
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B66	20	66786	2145	LTE B66	20	66787	2145.1	LTE B66	20	66985	2164.9	23.58	23.67	CA_5A-66D
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B7	20	3350	2680	LTE B66	20	66536	2120	LTE B66	20	67236	2190	23.59	23.67	CA_5A-7A-66A-66A
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B7	20	3001	2645.1	LTE B7	20	3199	2664.9	LTE B66	20	66786	2145	23.59	23.67	CA_5A-7C-66A
LTE B5	10	QPSK	1	0	20450	829	2450	874	LTE B5	10	2476	876.6	LTE B30	10	9820	2355	LTE B66	20	66786	2145	23.59	23.57	CA_5B-30A-66A
LTE B5	10	QPSK	1	0	20450	829	2450	874	LTE B5	10	2476	876.6	LTE B66	20	66536	2120	LTE B66	20	67236	2190	23.57	23.57	CA_5B-66A-66A
LTE B5	10	QPSK	1	0	20450	829	2450	874	LTE B5	10	2476	876.6	LTE B66	20	66873	2150.1	LTE B66	20	66936	2160	23.57	23.57	CA_5B-66B
LTE B5	10	QPSK	1	0	20450	829	2450	874	LTE B5	10	2476	876.6	LTE B66	20	66787	2145.1	LTE B66	20	66985	2164.9	23.62	23.57	CA_5B-66C
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B48	20	55990	3625	LTE B66	20	66536	2120	LTE B66	20	67236	2190	23.62	23.67	CA_5A-48A-66A-66A
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B7	20	2850	2630	LTE B7	20	3350	2680	LTE B66	20	66786	2145	23.63	23.67	CA_5A-7A-7A-66A
LTE B12	10	QPSK	1	0	23095	707.5	5095	737.5	LTE B30	10	9820	2355	LTE B66	20	66536	2120	LTE B66	20	67236	2190	22.31	22.39	CA_12A-30A-66A-66A
LTE B13	10	QPSK	1	0	23230	782	5230	751	LTE B48	20	55990	3625	LTE B48	20	55891	3615.1	LTE B48	20	56089	3634.9	22.59	22.67	CA_13A-48A-48C
LTE B13	10	QPSK	1	0	23230	782	5230	751	LTE B48	20	55990	3625	LTE B66	20	66873	2150.1	LTE B66	20	66936	2160	22.61	22.67	CA_13A-48A-66B
LTE B13	10	QPSK	1	0	23230	782	5230	751	LTE B48	20	55990	3625	LTE B66	20	66787	2145.1	LTE B66	20	66985	2164.9	22.61	22.67	CA_13A-48A-66C
LTE B13	10	QPSK	1	0	23230	782	5230	751	LTE B48	20	55891	3615.1	LTE B48	20	56089	3634.9	LTE B66	20	66786	2145	22.58	22.67	CA_13A-48C-66A
LTE B13	10	QPSK	1	0	23230	782	5230	751	LTE B48	20	55990	3625	LTE B66	20	66536	2120	LTE B66	20	67236	2190	22.59	22.67	CA_13A-48A-66A-66A
LTE B14	10	QPSK	1	0	23330	793	5330	763	LTE B30	10	9820	2355	LTE B66	20	66536	2120	LTE B66	20	67236	2190	22.51	22.56	CA_14A-30A-66A-66A
LTE B14	10	QPSK	1	0	23330	793	5330	763	LTE B66	20	66786	2145	LTE B66	20	66536	2120	LTE B66	20	67236	2190	22.52	22.56	CA_14A-66A-66A-66A
LTE B25	20	QPSK	1	0	26365	1882.5	8365	1962.5	LTE B25	20	8140	1940	LTE B26	15	8865	876.5	LTE B41	20	40620	2593	16.91	16.95	CA_25A-25A-26A-41A
LTE B41	20	QPSK	1	0	40620	2593	40620	2593	LTE B41	20	40422	2573.2	LTE B41	20	40620	2593	LTE B41	20	40818	2612	23.89	23.95	CA_41A-41D
LTE B41	20	QPSK	1	0	40620	2593	40620	2593	LTE B41	20	39750	2506	LTE B41	20	39948	2525.8	LTE B41	20	41490	2680	23.91	23.95	CA_41C-41C
LTE B48	20	QPSK	1	0	55990	3625	55990	3625	LTE B48	20	55990	3625	LTE B66	20	66536	2120	LTE B66	20	67236	2190	16.41	16.43	CA_48A-48A-66A-66A
LTE B48	20	QPSK	1	0	55990	3625	55990	3625	LTE B48	20	55990	3625	LTE B66	20	66873	2150.1	LTE B66	20	66936	2160	16.41	16.43	CA_48A-48A-66B
LTE B48	20	QPSK	1	0	55990	3625	55990	3625	LTE B48	20	55990	3625	LTE B66	20	66787	2145.1	LTE B66	20	66985	2164.9	16.40	16.43	CA_48A-48A-66C
LTE B48	20	QPSK	1	0	55990	3625	55990	3625	LTE B48	20	55891	3615.1	LTE B48	20	56089	3634.9	LTE B66	20	66786	2145	16.39	16.43	CA_48A-48C-66A
LTE B48	20	QPSK	1	0	55990	3625	55990	3625	LTE B48	20	55891	3615.1	LTE B48	20	55891	3615.1	LTE B48	20	56089	3634.9	16.40	16.43	CA_48C-48C
LTE B48	20	QPSK	1	0	55990	3625	55990	3625	LTE B48	20	55891	3615.1	LTE B66	20	66536	2120	LTE B66	20	67236	2190	16.39	16.43	CA_48C-66A-66A

Two Component Carrier Maximum Conducted Power																											
PCC							PCC DL		SCC				SCC			SCC				SCC				TX Power (dBm)		Configurations	
Band	BW (MHz)	Modulation	RB No.	RB offset	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Band	BW (MHz)	Channel	Frequency (MHz)	Band	BW (MHz)	Channel	Frequency (MHz)	Band	BW (MHz)	Channel	Frequency (MHz)	Band	BW (MHz)	Channel	Frequency (MHz)	CA Active		CA Inactive
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	900	1960	LTE B12	10	5048	732.8	LTE B66	20	66536	2120	LTE B66	20	67236	2190	15.90		15.95
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B13	20	5230	751	LTE B48	20	55792	3605.2	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	15.91	15.95	CA_2A-13A-48D
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B13	20	5230	751	LTE B66	20	66786	2145	LTE B66	20	66873	2150.1	LTE B66	20	66936	2160	15.92	15.95	CA_2A-13A-66A-66B
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B13	20	5230	751	LTE B66	20	66786	2145	LTE B66	20	66787	2145.1	LTE B66	20	66985	2164.9	15.90	15.95	CA_2A-13A-66A-66C
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B13	20	5230	751	LTE B66	20	66786	2145	LTE B66	20	66787	2145.1	LTE B66	20	66985	2164.9	15.89	15.95	CA_2A-13A-66D
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B12	10	5095	737.5	LTE B66	20	66536	2120	LTE B66	20	67236	2190	15.91	15.95	CA_2A-2A-12A-66A-66A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B2	20	900	1960	LTE B12	10	5048	732.8	LTE B66	20	66786	2145	15.92	15.95	CA_2A-2A-12B-66A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B13	20	5230	751	LTE B66	20	66536	2120	LTE B66	20	67236	2190	15.88	15.91	CA_2A-2A-13A-66A-66A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B13	20	5230	751	LTE B66	20	66873	2150.1	LTE B66	20	66936	2160	15.89	15.91	CA_2A-2A-13A-66B
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B14	10	5330	763	LTE B66	20	66536	2120	LTE B66	20	67236	2190	15.90	15.91	CA_2A-2A-14A-66A-66A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B29	10	9720	723	LTE B66	20	66536	2120	LTE B66	20	67236	2190	15.87	15.91	CA_2A-2A-29A-66A-66A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B5	10	2600	889	LTE B66	20	66536	2120	LTE B66	20	67236	2190	15.88	15.91	CA_2A-2A-5A-66A-66A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B5	10	2600	889	LTE B66	20	66873	2150.1	LTE B66	20	66936	2160	15.91	15.95	CA_2A-2A-5A-66B
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B5	10	2600	889	LTE B66	20	66787	2145.1	LTE B66	20	66985	2164.9	15.92	15.95	CA_2A-2A-5A-66C
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B2	20	900	1960	LTE B5	10	2476	876.6	LTE B66	20	66786	2145	15.93	15.95	CA_2A-2A-5B-66A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B66	20	66786	2145	LTE B66	20	66873	2150.1	LTE B66	20	66936	2160	15.90	15.95	CA_2A-2A-66A-66B
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B66	20	66786	2145	LTE B66	20	66787	2145.1	LTE B66	20	66985	2164.9	15.91	15.95	CA_2A-2A-66A-66C
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B48	20	55990	3625	LTE B48	20	55792	3605.2	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	15.91	15.95	CA_2A-48A-48D
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B48	20	55891	3615.1	LTE B48	20	55891	3615.1	LTE B48	20	56089	3634.9	15.89	15.95	CA_2A-48C-48C
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B48	20	55792	3605.2	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	LTE B66	20	66786	2145	15.90	15.95	CA_2A-48D-66A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B48	20	55990	3625	LTE B48	20	55792	3605.2	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	15.91	15.95	CA_2A-48E
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B5	10	2476	876.6	LTE B5	10	2575	886.5	LTE B66	20	66536	2120	LTE B66	20	67236	2190	15.89	15.95	CA_2A-5B-66A-66A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B5	10	2476	876.6	LTE B5	10	2575	886.5	LTE B66	20	66873	2150.1	LTE B66	20	66936	2160	15.91	15.95	CA_2A-5B-66B
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B5	10	2476	876.6	LTE B5	10	2575	886.5	LTE B66	20	66787	2145.1	LTE B66	20	66985	2164.9	15.92	15.95	CA_2A-5B-66C
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B7	20	2850	2630	LTE B7	20	3350	2680	LTE B66	20	66536	2120	LTE B66	20	67236	2190	15.93	15.95	CA_2A-7A-7A-66A-66A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B7	20	3001	2645.1	LTE B7	20	3199	2664.9	LTE B66	20	66536	2120	LTE B66	20	67236	2190	15.92	15.95	CA_2A-7C-66A-66A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	801	1950.1	LTE B5	10	2501	897.1	LTE B5	10	2600	889	LTE B30	10	9820	2355	15.92	15.95	CA_2C-5B-30A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B7	20	2850	2630	LTE B7	20	3350	2680	LTE B13	20	5230	751	15.90	15.95	CA_2A-2A-7A-7A-13A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B7	20	3001	2645.1	LTE B7	20	3199	2664.9	LTE B13	20	5230	751	15.91	15.95	CA_2A-2A-7C-13A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B48	20	55990	3625	LTE B48	20	55792	3605.2	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	16.45	16.48	CA_4A-48E
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B4	20	2050	2120	LTE B4	20	2300	2145	LTE B5	10	2600	889	LTE B30	10	9820	2355	16.42	16.48	CA_4A-4A-5B-30A
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B5	10	2600	889	LTE B30	10	9820	2355	LTE B66	20	66536	2120	LTE B66	20	67236	2190	23.60	23.67	CA_5B-30A-66A-66A
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B5	10	2476	876.6	LTE B66	20	66786	2145	LTE B66	20	66873	2150.1	LTE B66	20	66936	2160	23.59	23.67	CA_5B-66A-66B
LTE B5	10	QPSK	1	0	20525	836.5	2525	881.5	LTE B5	10	2476	876.6	LTE B66	20	66786	2145	LTE B66	20	66787	2145.1	LTE B66	20	66985	2164.9	23.61	23.67	CA_5B-66A-66C
LTE B7	20	QPSK	1	0	21100	2535	3100	2655	LTE B7	20	2850	2630	LTE B25	20	8140	1940	LTE B25	20	8590	1985	LTE B66	20	66786	2145	22.40	22.48	CA_7A-7A-25A-25A-66A
LTE B7	20	QPSK	1	0	21100	2535	3100	2655	LTE B7	20	3001	2645.1	LTE B25	20	8140	1940	LTE B25	20	8590	1985	LTE B66	20	66786	2145	22.42	22.48	CA_7C-25A-25A-66A
LTE B13	10	QPSK	1	0	23230	782	5230	751	LTE B48	20	55990	3625	LTE B48	20	55792	3605.2	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	22.61	22.67	CA_13A-48A-48D
LTE B13	10	QPSK	1	0	23230	782	5230	751	LTE B13	20	5230	751	LTE B48	20	55891	3615.1	LTE B48	20	56089	3634.9	LTE B48	20	56089	3634.9	22.62	22.67	CA_13A-48C-48C
LTE B13	10	QPSK	1	0	23230	782	5230	751	LTE B48	20	55792	3605.2	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	LTE B66	20	66786	2145	22.65	22.67	CA_13A-48D-66A
LTE B13	10	QPSK	1	0	23230	782	5230	751	LTE B48	20	55990	3625	LTE B48	20	55792	3605.2	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	22.60	22.67	CA_13A-48E
LTE B25	20	QPSK	1	0	26365	1882.5	8365	1962.5	LTE B25	20	8140	1940	LTE B26														

DSI1_P-Sensor Off

Two Component Carrier Maximum Conducted Power															
PCC							PCC DL		SCC				TX Power (dBm)		Configurations
Band	BW (MHz)	Modulation	RB No.	RB offset	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Band	BW (MHz)	Channel	Frequency (MHz)	CA Active	CA Inactive	
LTE B7	20	QPSK	1	0	21100	2535	3100	2655	LTE B7	20	3076	2652.6	23.31	23.49	CA_7B
LTE B41	20	QPSK	1	0	40620	2593	40620	2593	LTE B48	20	55990	3625	25.33	25.49	CA_41A-48A
LTE B48	20	QPSK	1	0	55990	3625	55990	3625	LTE B48	20	55990	3625	22.40	22.49	CA_48B

Two Component Carrier Maximum Conducted Power																			
PCC							PCC DL		SCC				SCC				TX Power (dBm)		Configurations
Band	BW (MHz)	Modulation	RB No.	RB offset	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Band	BW (MHz)	Channel	Frequency (MHz)	Band	BW (MHz)	Channel	Frequency (MHz)	CA Active	CA Inactive	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B13	20	5230	751	LTE B48	20	55990	3625	23.56	23.65	CA_2A-13A-48A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B48	20	55340	3560	LTE B48	20	56640	3690	23.61	23.65	CA_2A-48A-48A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B5	10	2525	881.5	LTE B13	20	5230	751	23.55	23.65	CA_2A-5A-13A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B4	20	2300	2145	LTE B13	20	5230	751	23.51	23.65	CA_2A-4A-13A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B4	20	2175	2132.5	LTE B29	10	9715	722.5	23.49	23.65	CA_2A-4A-29A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B4	20	2300	2145	LTE B30	10	9820	2355	23.59	23.65	CA_2A-4A-30A
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B5	10	2525	881.5	LTE B29	10	9715	722.5	23.59	23.65	CA_2A-5A-29A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B5	10	2525	881.5	LTE B48	20	55990	3625	23.58	23.62	CA_2A-5A-48A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B7	20	3100	2655	LTE B26	15	8865	876.5	23.55	23.62	CA_2A-7A-26A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B26	15	8865	876.5	LTE B66	20	66786	2145	23.51	23.62	CA_2A-26A-66A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B48	20	55891	3615.1	LTE B48	20	56089	3634.9	22.89	22.95	CA_4A-48C
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B4	20	2300	2145	LTE B13	20	5230	751	22.91	22.95	CA_4A-4A-13A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B4	20	2300	2145	LTE B71	20	68786	637	22.91	22.95	CA_4A-4A-71A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B4	20	2300	2145	LTE B7	20	3350	2680	22.87	22.95	CA_4A-4A-7A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B5	10	2525	881.5	LTE B13	20	5230	751	22.90	22.95	CA_4A-5A-13A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B5	10	2525	881.5	LTE B29	10	9715	722.5	22.90	22.95	CA_4A-5A-29A
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B7	20	3100	2655	LTE B12	10	5130	741	22.89	22.95	CA_4A-7A-12A
LTE B7	20	QPSK	1	0	21100	2535	3100	2655	LTE B12	10	5095	737.5	LTE B66	20	66786	2145	23.41	23.49	CA_7A-12A-66A
LTE B7	20	QPSK	1	0	21100	2535	3100	2655	LTE B12	10	2048	732.8	LTE B12	10	5120	740	23.45	23.49	CA_7A-12B
LTE B7	20	QPSK	1	0	21100	2535	3100	2655	LTE B7	20	3350	2680	LTE B26	15	8865	876.5	23.44	23.49	CA_7A-7A-26A
LTE B7	20	QPSK	1	0	21100	2535	3100	2655	LTE B26	15	8865	876.5	LTE B66	20	66786	2145	23.44	23.49	CA_7A-26A-66A
LTE B25	20	QPSK	1	0	26365	1882.5	8365	1962.5	LTE B25	20	8140	1940	LTE B25	20	8590	1985	22.81	22.85	CA_25A-25A-25A
LTE B41	20	QPSK	1	0	40620	2593	40620	2593	LTE B41	20	39750	2506	LTE B41	20	41490	2680	25.46	25.49	CA_41A-41A-41A
LTE B41	20	QPSK	1	0	40620	2593	40620	2593	LTE B41	20	40521	2583.1	LTE B41	20	40719	2602.9	25.45	25.49	CA_41A-41C
LTE B48	20	QPSK	1	0	55990	3625	55990	3625	LTE B48	20	55340	3560	LTE B71	20	68786	637	22.39	22.49	CA_48A-48A-71A
LTE B48	20	QPSK	1	0	55990	3625	55990	3625	LTE B48	20	56089	3634.9	LTE B71	20	68786	637	22.37	22.49	CA_48C-71A

Two Component Carrier Maximum Conducted Power																								
PCC							PCC DL			SCC				SCC				SCC				TX Power (dBm)		Configurations
Band	BW (MHz)	Modulation	RB No.	RB offset	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Band	BW (MHz)	Channel	Frequency (MHz)	Band	BW (MHz)	Channel	Frequency (MHz)	Band	BW (MHz)	Channel	Frequency (MHz)	CA Active	CA Inactive		
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B12	10	5095	737.5	LTE B66	20	66536	2120	LTE B66	20	67236	2190	23.56	23.65	CA_2A-12A-66A-66A	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B13	20	5230	751	LTE B48	20	55891	3615.1	LTE B48	20	56089	3634.9	23.55	23.65	CA_2A-13A-48C	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B12	10	5035	731.5	LTE B12	10	5155	743.5	23.59	23.65	CA_2A-2A-12A-12A	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B12	10	5095	737.5	LTE B30	10	9820	2355	23.59	23.65	CA_2A-2A-12A-30A	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B14	10	5330	763	LTE B30	10	9820	2355	23.61	23.65	CA_2A-2A-14A-30A	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B29	10	9720	723	LTE B30	10	9820	2355	23.61	23.65	CA_2A-2A-29A-30A	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B30	10	9820	2355	LTE B66	20	66786	2145	23.60	23.65	CA_2A-2A-30A-66A	
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B4	20	2300	2145	LTE B12	10	5095	737.5	23.58	23.62	CA_2A-2A-4A-12A	
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B4	20	2050	2120	LTE B4	20	2300	2145	23.58	23.62	CA_2A-2A-4A-4A	
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B4	20	2300	2145	LTE B5	10	2600	889	23.59	23.62	CA_2A-2A-4A-5A	
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B4	20	2300	2145	LTE B71	20	68786	637	23.60	23.62	CA_2A-2A-4A-71A	
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B5	10	2600	889	LTE B12	10	5095	737.5	23.60	23.62	CA_2A-2A-5A-12A	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B5	10	2600	889	LTE B30	10	9820	2355	23.61	23.65	CA_2A-2A-5A-30A	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B66	20	66786	2145	LTE B71	20	68786	637	23.59	23.65	CA_2A-2A-66A-71A	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B7	20	3350	2680	LTE B12	10	5095	737.5	23.59	23.65	CA_2A-2A-7A-12A	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B30	10	9820	2355	LTE B66	20	66536	2120	LTE B66	20	67236	2190	23.58	23.65	CA_2A-30A-66A-66A	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B48	20	55990	3625	LTE B48	20	55891	3615.1	LTE B48	20	56089	3634.9	23.57	23.65	CA_2A-48A-48C	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B48	20	55990	3625	LTE B66	20	66536	2120	LTE B66	20	67236	2190	23.61	23.65	CA_2A-48A-66A-66A	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B48	20	55891	3615.1	LTE B48	20	56089	3634.9	LTE B66	20	66786	2145	23.60	23.65	CA_2A-48C-66A	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B4	20	2300	2145	LTE B12	10	5048	732.8	LTE B12	10	5120	740	23.60	23.65	CA_2A-4A-12B	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B4	20	2050	2120	LTE B4	20	2300	2145	LTE B12	10	5095	737.5	23.59	23.65	CA_2A-4A-4A-12A	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B4	20	2050	2120	LTE B4	20	2300	2145	LTE B5	10	2525	881.5	23.57	23.65	CA_2A-4A-4A-5A	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B4	20	2300	2145	LTE B5	10	2501	897.1	LTE B5	10	2600	889	23.58	23.65	CA_2A-4A-5B	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B4	20	2300	2145	LTE B7	20	2850	2630	LTE B7	20	3350	2680	23.59	23.65	CA_2A-4A-7A-7A	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B4	20	2300	2145	LTE B7	20	3001	2645.1	LTE B7	20	3199	2664.9	23.59	23.65	CA_2A-4A-7C	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B5	10	2525	881.5	LTE B12	10	5048	732.8	LTE B12	10	5120	740	23.60	23.65	CA_2A-5A-12B	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B5	10	2525	881.5	LTE B48	20	55891	3615.1	LTE B48	20	56089	3634.9	23.60	23.65	CA_2A-5A-48C	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B5	10	2525	881.5	LTE B66	20	66536	2120	LTE B66	20	67236	2190	23.61	23.65	CA_2A-5A-66A-66A	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B5	10	2525	881.5	LTE B7	20	2850	2630	LTE B7	20	3350	2680	23.62	23.65	CA_2A-5A-7A-7A	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B5	10	2525	881.5	LTE B7	20	3001	2645.1	LTE B7	20	3199	2664.9	23.62	23.65	CA_2A-5A-7C	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B5	10	2501	897.1	LTE B5	10	2600	889	LTE B30	10	9820	2355	23.61	23.65	CA_2A-5B-30A	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B66	20	66786	2145	LTE B66	20	66536	2120	LTE B66	20	67236	2190	23.62	23.65	CA_2A-66A-66A-66A	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B66	20	66536	2120	LTE B66	20	67236	2190	LTE B71	20	68786	637	23.60	23.65	CA_2A-66A-66A-71A	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B66	20	66787	2145.1	LTE B66	20	66985	2164.9	LTE B71	20	68786	637	23.60	23.65	CA_2A-66C-71A	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B7	20	2850	2630	LTE B7	20	3350	2680	LTE B29	10	9715	722.5	23.59	23.65	CA_2A-7A-7A-29A	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B7	20	2850	2630	LTE B7	20	3350	2680	LTE B66	20	66786	2145	23.57	23.65	CA_2A-7A-7A-66A	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B7	20	3001	2645.1	LTE B7	20	3199	2664.9	LTE B29	10	9715	722.5	23.58	23.65	CA_2A-7C-29A	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	801	1950.1	LTE B12	10	5095	737.5	LTE B30	10	9820	2355	23.55	23.65	CA_2C-12A-30A	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	801	1950.1	LTE B29	10	9720	723	LTE B30	10	9820	2355	23.58	23.65	CA_2C-29A-30A	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	801	1950.1	LTE B5	10	2600	889	LTE B30	10	9820	2355	23.59	23.65	CA_2C-5A-30A	
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	801	1950.1	LTE B66	20	66536	2120	LTE B66	20	67236	2190	23.61	23.65	CA_2C-66A-66A	
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B48	20	55792	3605.2	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	22.90	22.95	CA_4A-48D	
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B4	20	2300	2145	LTE B12	10	5035	731.5	LTE B12	10	5155	743.5	22.91	22.95	CA_4A-4A-12A-12A	
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B4	20	2300	2145	LTE B12	10	5095	737.5	LTE B30	10	9820	2355	22.92	22.95	CA_4A-4A-12A-30A	
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B4	20	2300	2145	LTE B12	10	5048	732.8	LTE B12	10	5120	740	22.91	22.95	CA_4A-4A-12B	
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B4	20	2300	2145	LTE B29	10	9720	723	LTE B30	10	9820	2355	22.92	22.95	CA_4A-4A-29A-30A	
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B4	20	2300	2145	LTE B5	10	2600	889	LTE B12	10	5095	737.5	22.91	22.95	CA_4A-4A-5A-12A	
LTE B4																								

Two Component Carrier Maximum Conducted Power																												
PCC								PCC DL		SCC				SCC				SCC				SCC				TX Power (dBm)		Configurations
Band	BW (MHz)	Modulation	RB No.	RB offset	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Band	BW (MHz)	Channel	Frequency (MHz)	Band	BW (MHz)	Channel	Frequency (MHz)	Band	BW (MHz)	Channel	Frequency (MHz)	Band	BW (MHz)	Channel	Frequency (MHz)	CA Active	CA Inactive		
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	900	1960	LTE B12	10	5048	732.8	LTE B66	20	66536	2120	LTE B66	20	67236	2190	23.61	23.65		
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B13	20	5230	751	LTE B48	20	55792	3605.2	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	23.61	23.65		
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B13	20	5230	751	LTE B66	20	66786	2145	LTE B66	20	66873	2150.1	LTE B66	20	66936	2160	23.60	23.65		
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B13	20	5230	751	LTE B66	20	66786	2145	LTE B66	20	66787	2145.1	LTE B66	20	66985	2164.9	23.60	23.65		
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B13	20	5230	751	LTE B66	20	66786	2145	LTE B66	20	66787	2145.1	LTE B66	20	66985	2164.9	23.59	23.65		
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B12	10	5095	737.5	LTE B66	20	66536	2120	LTE B66	20	67236	2190	23.59	23.65		
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B2	20	900	1960	LTE B12	10	5048	732.8	LTE B66	20	66786	2145	23.61	23.65		
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B13	20	5230	751	LTE B66	20	66536	2120	LTE B66	20	67236	2190	23.58	23.62		
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B13	20	5230	751	LTE B66	20	66873	2150.1	LTE B66	20	66936	2160	23.60	23.62		
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B14	10	5330	763	LTE B66	20	66536	2120	LTE B66	20	67236	2190	23.58	23.62		
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B29	10	9720	723	LTE B66	20	66536	2120	LTE B66	20	67236	2190	23.59	23.62		
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B5	10	2600	889	LTE B66	20	66536	2120	LTE B66	20	67236	2190	23.60	23.62		
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B5	10	2600	889	LTE B66	20	66873	2150.1	LTE B66	20	66936	2160	23.60	23.65		
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B5	10	2600	889	LTE B66	20	66787	2145.1	LTE B66	20	66985	2164.9	23.62	23.65		
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B2	20	900	1960	LTE B5	10	2476	876.6	LTE B66	20	66786	2145	23.61	23.65		
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B66	20	66786	2145	LTE B66	20	66873	2150.1	LTE B66	20	66936	2160	23.61	23.65		
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B66	20	66786	2145	LTE B66	20	66787	2145.1	LTE B66	20	66985	2164.9	23.59	23.65		
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B48	20	55990	3625	LTE B48	20	55792	3605.2	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	23.60	23.65		
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B48	20	55891	3615.1	LTE B48	20	55891	3615.1	LTE B48	20	56089	3634.9	23.60	23.65		
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B48	20	55792	3605.2	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	LTE B66	20	66786	2145	23.58	23.65		
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B48	20	55990	3625	LTE B48	20	55792	3605.2	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	23.58	23.65		
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B5	10	2476	876.6	LTE B5	10	2575	886.5	LTE B66	20	66536	2120	LTE B66	20	67236	2190	23.59	23.65		
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B5	10	2476	876.6	LTE B5	10	2575	886.5	LTE B66	20	66873	2150.1	LTE B66	20	66936	2160	23.60	23.65		
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B5	10	2476	876.6	LTE B5	10	2575	886.5	LTE B66	20	66787	2145.1	LTE B66	20	66985	2164.9	23.61	23.65		
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B7	20	2850	2630	LTE B7	20	3350	2680	LTE B66	20	66536	2120	LTE B66	20	67236	2190	23.60	23.65		
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B7	20	3001	2645.1	LTE B7	20	3199	2664.9	LTE B66	20	66536	2120	LTE B66	20	67236	2190	23.60	23.65		
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	801	1950.1	LTE B5	10	2501	897.1	LTE B5	10	2600	889	LTE B30	10	9820	2355	23.61	23.65		
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B7	20	2850	2630	LTE B7	20	3350	2680	LTE B13	20	5230	751	23.62	23.65		
LTE B2	20	QPSK	1	0	18900	1880	900	1960	LTE B2	20	1100	1980	LTE B7	20	3001	2645.1	LTE B7	20	3199	2664.9	LTE B13	20	5230	751	23.58	23.65		
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B48	20	55990	3625	LTE B48	20	55792	3605.2	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	22.89	22.95		
LTE B4	20	QPSK	1	0	20175	1732.5	2175	2132.5	LTE B4	20	2050	2120	LTE B4	20	2300	2145	LTE B5	10	2600	889	LTE B30	10	9820	2355	22.91	22.95		
LTE B7	20	QPSK	1	0	21100	2535	3100	2655	LTE B7	20	2850	2630	LTE B25	20	8140	1940	LTE B25	20	8590	1985	LTE B66	20	66786	2145	23.41	23.49		
LTE B7	20	QPSK	1	0	21100	2535	3100	2655	LTE B7	20	3001	2645.1	LTE B25	20	8140	1940	LTE B25	20	8590	1985	LTE B66	20	66786	2145	23.40	23.49		
LTE B25	20	QPSK	1	0	26365	1882.5	8365	1962.5	LTE B25	20	8140	1940	LTE B26	15	8865	876.5	LTE B41	20	40521	2583.1	LTE B41	20	40719	2602.9	22.80	22.85		
LTE B25	20	QPSK	1	0	26365	1882.5	8365	1962.5	LTE B25	20	8140	1940	LTE B41	20	40422	2573.2	LTE B41	20	40620	2593	LTE B41	20	40818	2612	22.81	22.85		
LTE B25	20	QPSK	1	0	26365	1882.5	8365	1962.5	LTE B41	20	40320	2563	LTE B41	20	10520	2583	LTE B41	20	40720	2603	LTE B41	20	40920	2623	22.82	22.85		
LTE B48	20	QPSK	1	0	55990	3625	55990	3625	LTE B48	20	55891	3615.1	LTE B48	20	56089	3634.9	LTE B66	20	66873	2150.1	LTE B66	20	66936	2160	22.43	22.49		
LTE B48	20	QPSK	1	0	55990	3625	55990	3625	LTE B48	20	55891	3615.1	LTE B48	20	56089	3634.9	LTE B66	20	66787	2145.1	LTE B66	20	66985	2164.9	22.40	22.49		
LTE B48	20	QPSK	1	0	55990	3625	55990	3625	LTE B48	20	55990	3625	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	LTE B66	20	66786	2145	22.39	22.49		
LTE B48	20	QPSK	1	0	55990	3625	55990	3625	LTE B48	20	55990	3625	LTE B48	20	55792	3605.2	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	22.39	22.49		
LTE B48	20	QPSK	1	0	55990	3625	55990	3625	LTE B48	20	55891	3615.1	LTE B48	20	56089	3634.9	LTE B48	20	56089	3634.9	LTE B66	20	66786	2145	22.40	22.49		
LTE B48	20	QPSK	1	0	55990	3625	55990	3625	LTE B48	20	55990	3625	LTE B48	20	55792	3605.2	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	22.41	22.49		
LTE B48	20	QPSK	1	0	55990	3625	55990	3625	LTE B48	20	55891	3615.1	LTE B48	20	56089	3634.9	LTE B48	20	56089	3634.9	LTE B66	20	66786	2145	22.42	22.49		

LTE Inter-Band Up-Link Carrier Aggregation

ULCA							
2A-4A	2A-5A	2A-7A	2A-12A	2A-13A	2A-14A	2A-30A	2A-66A
4A-12A	4A-13A	5A-30A	5A-66A	12A-30A	12A-66A	13A-66A	14A-30A
14A-66A							

EN-DC

EN-DC									
2A-n5A	2A-n7A	2A-n12A	2A-n14A	2A-n28A	2A-n38A	2A-n41A	2A-n71A	2A-n78A	4A-n5A
4A-n28A	4A-n78A	5A-n2A	5A-n7A	5A-n25A	5A-n30A	5A-n41A	5A-n66A	5A-n77A	5A-n78A
7A-n1A	7A-n5A	7A-n12A	7A-n20A	7A-n25A	7A-n66A	7A-n77A	7A-n78A	12A-n2A	12A-n7A
12A-n25A	12A-n30A	12A-n41A	12A-n66A	12A-n77A	12A-n78A	13A-n2A	13A-n5A	13A-n25A	13A-n66A
13A-n77A	13A-n78A	14A-n2A	14A-n30A	14A-n66A	14A-n77A	25A-n77A	25A-n78A	26A-n25A	26A-n41A
26A-n78A	48A-n5A	48A-n12A	48A-n66A	48A-n71A	66A-n5A	66A-n7A	66A-n12A	66A-n14A	66A-n25A
66A-n38A	66A-n41A	66A-n71A	66A-n77A	66A-n78A	71A-n2A	71A-n25A	71A-n38A	71A-n41A	71A-n66A
71A-n77A	71A-n78A								

9. Proximity Sensor

9.1 Proximity sensor triggering distances

According the KDB 616217 Section 6.2, The following procedures should be applied to determine proximity sensor triggering distances for the back surface and individual edges of a tablet.

- a) The relevant transmitter should be set to operate at its normal maximum output power.
- b) 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.
- c) 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.
- d) The back surface or edge is moved toward the phantom in 3 mm steps until the sensor triggers.
- e) 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.
- f) 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.
- g) 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.
- h) The process is then reversed by moving the tablet away from the phantom according to steps d) to g), to determine triggering release, until it is at least 10 mm beyond the point that triggers the return of normal maximum power.
- i) 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.
- j) 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.
- k) 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.

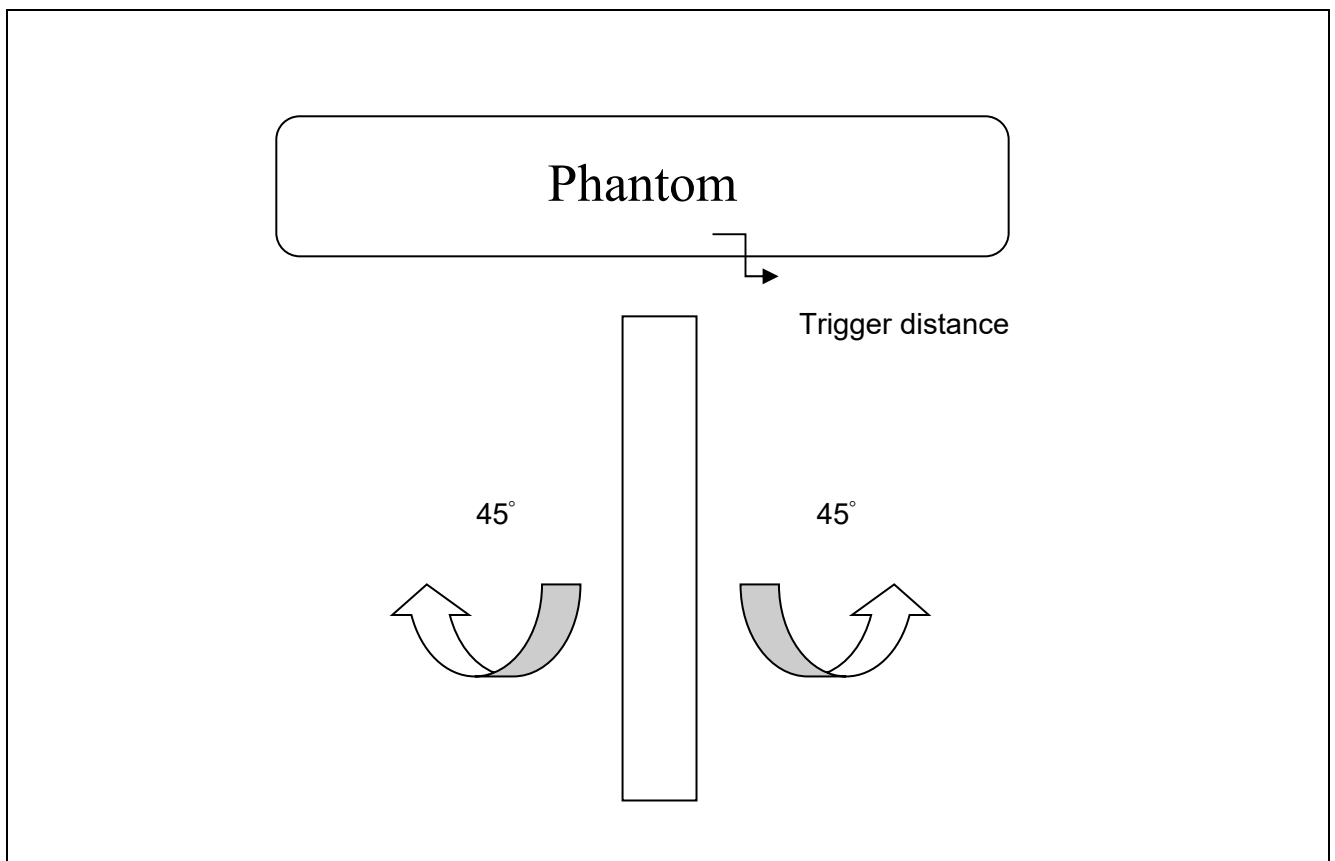
9.2 Procedures for determining antenna and proximity sensor coverage

Proximity sensors are not normally designed to cover the entire back surface or edges of a tablet. The sensing regions are usually limited to areas near the sensor element. The following are used to determine if additional SAR measurements may be necessary due to sensor and antenna offset.

- a) 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.
- b) The similar sequence of steps applied to determine sensor triggering distance in 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.
- c) 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.
- d) 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.
- e) The triggering points should be documented graphically, with the antenna and sensor clearly identified, along with all relevant dimensions.
- f) 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.

9.3 Procedures for determining tablet tilt angle influences to proximity sensor triggering

- a) The influence of table tilt angles to proximity sensor triggering is determined by positioning each tablet edge that contains a transmitting antenna, perpendicular to the flat phantom, at the smallest sensor triggering test distance determined in 9.1 and 9.2 by rotating the tablet around the edge next to the phantom in $\leq 10^\circ$ increments until the tablet is 45° or more from the vertical position at 0° .
- b) If sensor triggering is released and normal maximum output power is restored within the 45° range, the procedures in step a) should be repeated by reducing the tablet to phantom separation distance by 1 mm until the proximity sensor no longer releases triggering, and maximum output power remains in the reduced mode.
- c) The smallest separation distance determined in steps a) and b), minus 1 mm, is the sensor triggering distance for tablet tilt coverage. The smallest separation distance determined in 9.1, 9.2 and 9.3 for each triggering condition minus 1 mm should be used in the SAR measurements.



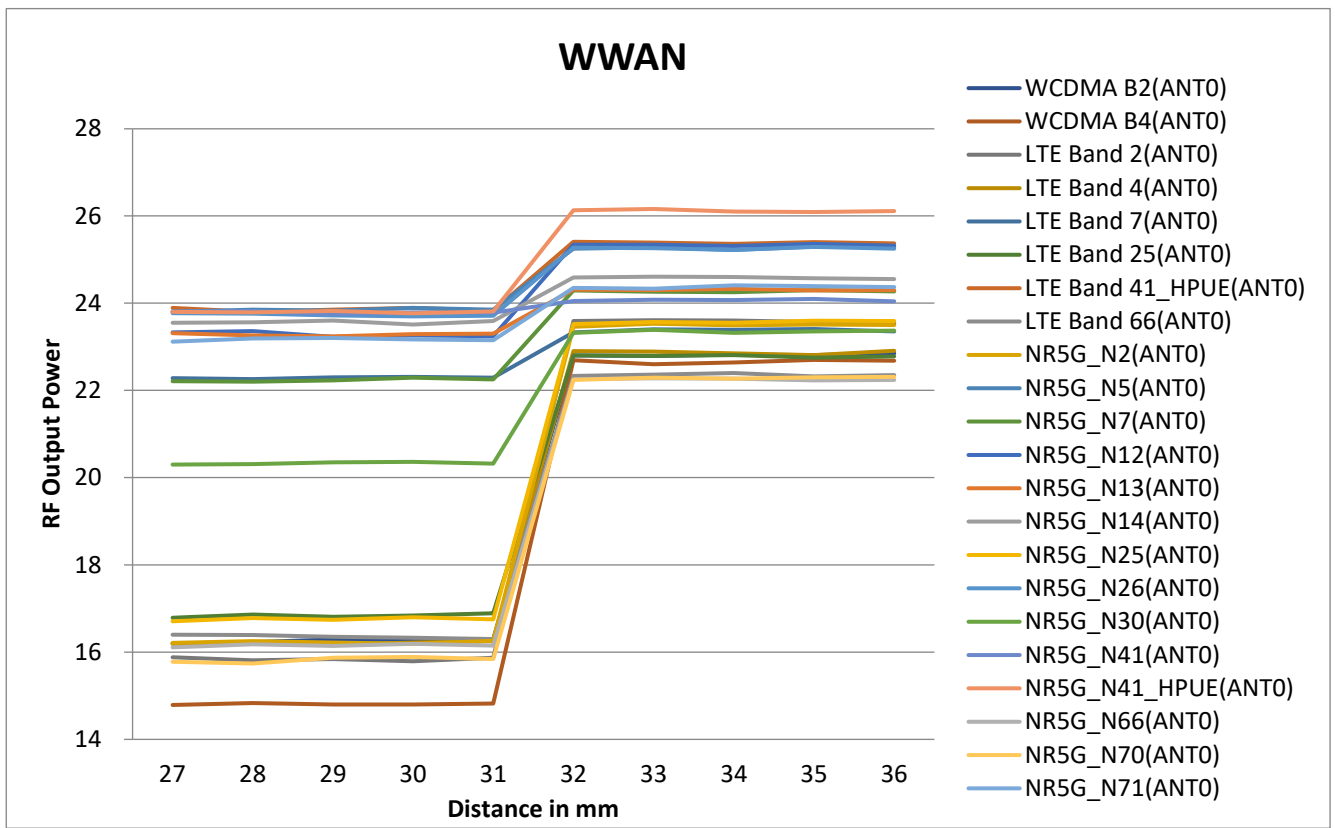
9.4 Summary of trigger distance

Mode	Back	
	Moving toward phantom	Moving from phantom
WWAN ANT 0	31mm	34mm
WWAN ANT 2	16mm	18mm
WWAN ANT 3	31mm	34mm

Note: The smallest separation distance determined in each triggering condition minus 1 mm should be used in the SAR measurements.

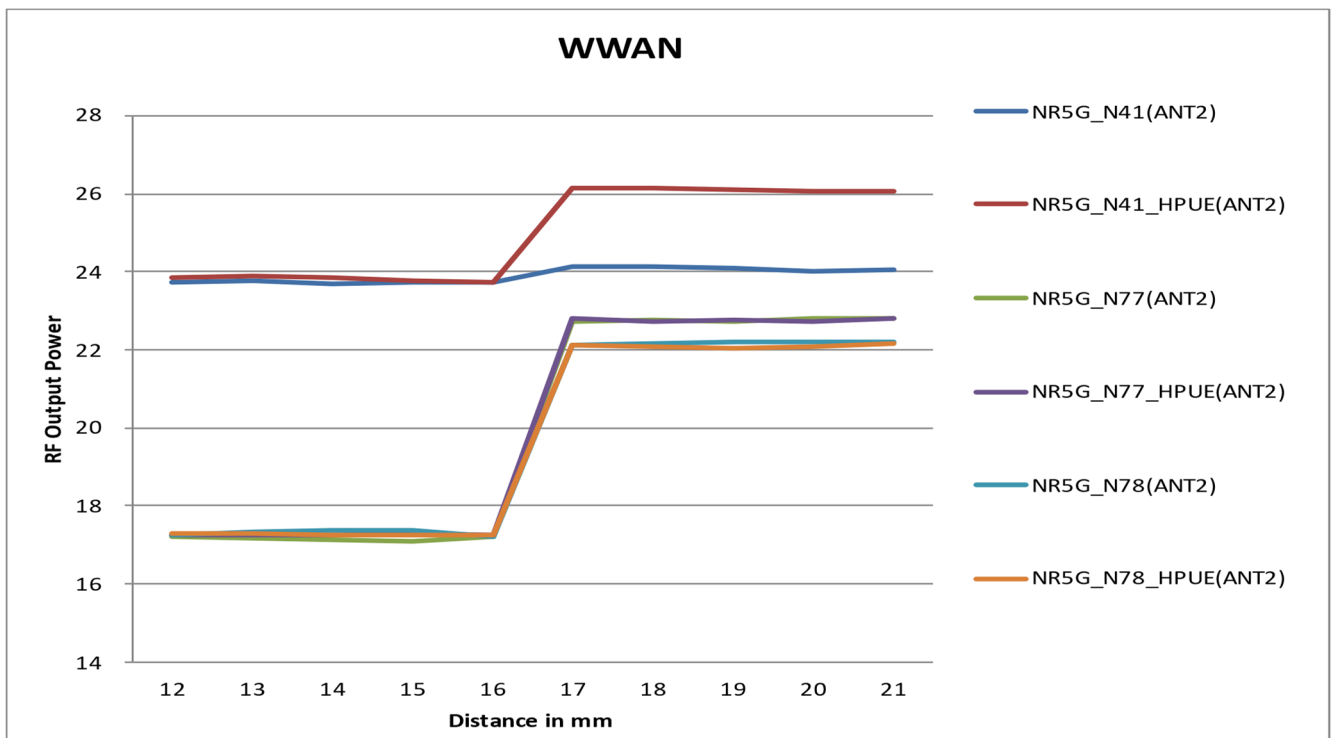
Back, DUT Moving Toward (Trigger) and Away (Release) from the phantom

Distance to DUT vs. Output Power in dBm										
Distance (mm)	27	28	29	30	31	32	33	34	35	36
WCDMA B2(ANT0)	16.20	16.23	16.29	16.25	16.28	22.80	22.79	22.82	22.81	22.85
WCDMA B4(ANT0)	14.79	14.83	14.80	14.80	14.82	22.69	22.60	22.64	22.70	22.68
LTE Band 2(ANT0)	15.88	15.81	15.84	15.79	15.87	23.59	23.61	23.60	23.57	23.53
LTE Band 4(ANT0)	16.19	16.20	16.17	16.22	16.25	22.90	22.89	22.85	22.81	22.91
LTE Band 7(ANT0)	22.28	22.26	22.30	22.31	22.29	23.33	23.40	23.39	23.41	23.35
LTE Band 25(ANT0)	16.79	16.86	16.81	16.84	16.89	22.80	22.79	22.81	22.75	22.78
LTE Band 41_HPUE(ANT0)	23.89	23.80	23.85	23.89	23.83	25.41	25.39	25.36	25.40	25.37
LTE Band 66(ANT0)	16.40	16.39	16.35	16.33	16.30	22.33	22.36	22.40	22.32	22.35
NR5G_N2(ANT0)	16.21	16.25	16.22	16.19	16.26	23.46	23.53	23.49	23.51	23.50
NR5G_N5(ANT0)	23.80	23.85	23.83	23.89	23.85	25.25	25.28	25.22	25.30	25.29
NR5G_N7(ANT0)	22.21	22.20	22.23	22.29	22.25	24.29	24.26	24.25	24.30	24.27
NR5G_N12(ANT0)	23.33	23.36	23.23	23.26	23.24	25.34	25.34	25.31	25.36	25.32
NR5G_N13(ANT0)	23.31	23.26	23.24	23.29	23.30	24.31	24.30	24.33	24.29	24.30
NR5G_N14(ANT0)	23.55	23.56	23.60	23.51	23.59	24.59	24.61	24.60	24.57	24.55
NR5G_N25(ANT0)	16.71	16.78	16.74	16.80	16.75	23.52	23.57	23.55	23.60	23.59
NR5G_N26(ANT0)	23.77	23.76	23.72	23.70	23.71	25.27	25.26	25.22	25.29	25.25
NR5G_N30(ANT0)	20.30	20.31	20.35	20.36	20.32	23.32	23.39	23.32	23.35	23.37
NR5G_N41(ANT0)	23.81	23.82	23.75	23.79	23.78	24.05	24.08	24.07	24.1	24.04
NR5G_N41_HPUE(ANT0)	23.8	23.79	23.82	23.77	23.81	26.13	26.16	26.1	26.09	26.11
NR5G_N66(ANT0)	16.11	16.18	16.14	16.19	16.15	22.26	22.28	22.27	22.23	22.24
NR5G_N70(ANT0)	15.78	15.74	15.87	15.89	15.84	22.24	22.29	22.27	22.3	22.31
NR5G_N71(ANT0)	23.12	23.19	23.2	23.17	23.15	24.35	24.33	24.41	24.39	24.37



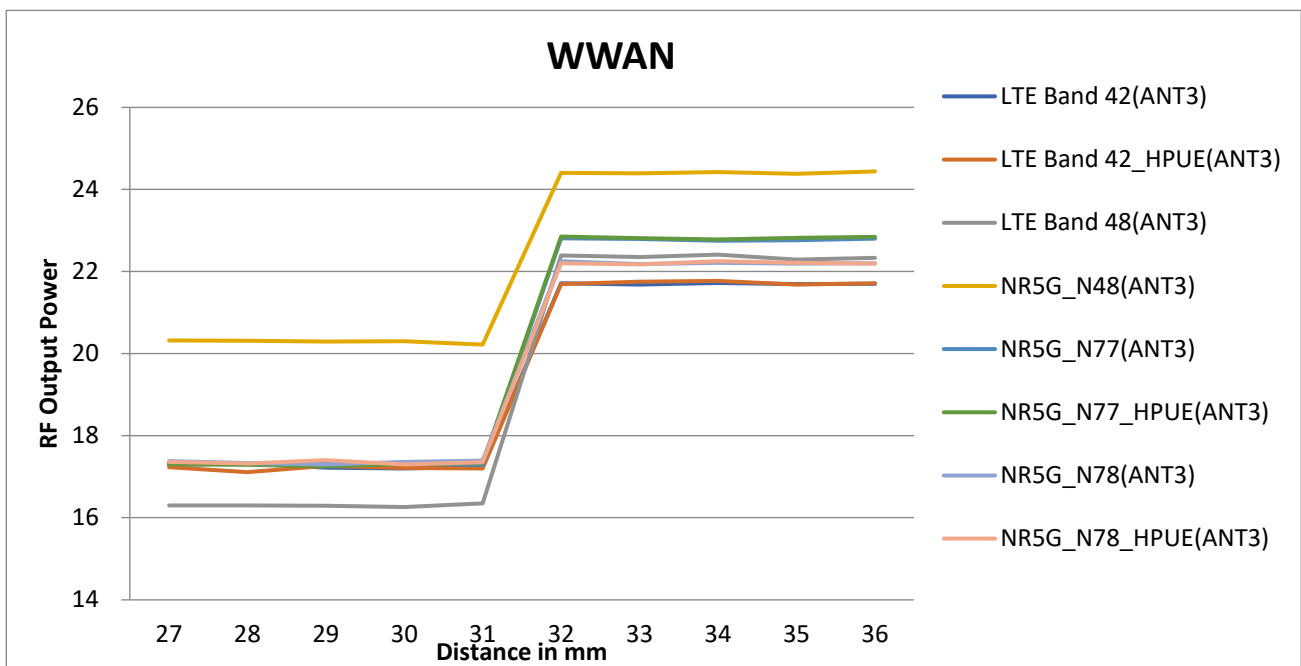
Back, DUT Moving Toward (Trigger) and Away (Release) from the phantom

Distance to DUT vs. Output Power in dBm										
Distance (mm)	12	13	14	15	16	17	18	19	20	21
NR5G_N41(ANT2)	23.71	23.78	23.70	23.75	23.72	24.12	24.15	24.11	24.02	24.05
NR5G_N41_HPUE(ANT2)	23.87	23.88	23.86	23.78	23.75	26.13	26.16	26.10	26.05	26.08
NR5G_N77(ANT2)	17.22	17.16	17.15	17.11	17.20	22.73	22.78	22.72	22.79	22.80
NR5G_N77_HPUE(ANT2)	17.25	17.26	17.24	17.28	17.25	22.80	22.71	22.75	22.74	22.79
NR5G_N78(ANT2)	17.27	17.35	17.37	17.36	17.23	22.11	22.16	22.20	22.19	22.22
NR5G_N78_HPUE(ANT2)	17.31	17.30	17.24	17.27	17.25	22.11	22.10	22.04	22.08	22.15



Back, DUT Moving Toward (Trigger) and Away (Release) from the phantom

Distance to DUT vs. Output Power in dBm										
Distance (mm)	27	28	29	30	31	32	33	34	35	36
LTE Band 42(ANT3)	17.29	17.32	17.22	17.20	17.24	21.71	21.68	21.72	21.69	21.70
LTE Band 42_HPUE(ANT3)	17.23	17.11	17.26	17.21	17.20	21.69	21.75	21.77	21.68	21.71
LTE Band 48(ANT3)	16.30	16.30	16.29	16.26	16.35	22.39	22.35	22.41	22.29	22.33
NR5G_N48(ANT3)	20.32	20.31	20.29	20.30	20.22	24.40	24.39	24.42	24.38	24.44
NR5G_N77(ANT3)	17.31	17.30	17.35	17.32	17.29	22.81	22.79	22.75	22.76	22.80
NR5G_N77_HPUE(ANT3)	17.30	17.29	17.25	17.31	17.33	22.85	22.81	22.78	22.82	22.84
NR5G_N78(ANT3)	17.38	17.33	17.30	17.36	17.39	22.25	22.18	22.21	22.19	22.20
NR5G_N78_HPUE(ANT3)	17.36	17.32	17.40	17.30	17.35	22.20	22.17	22.25	22.21	22.19

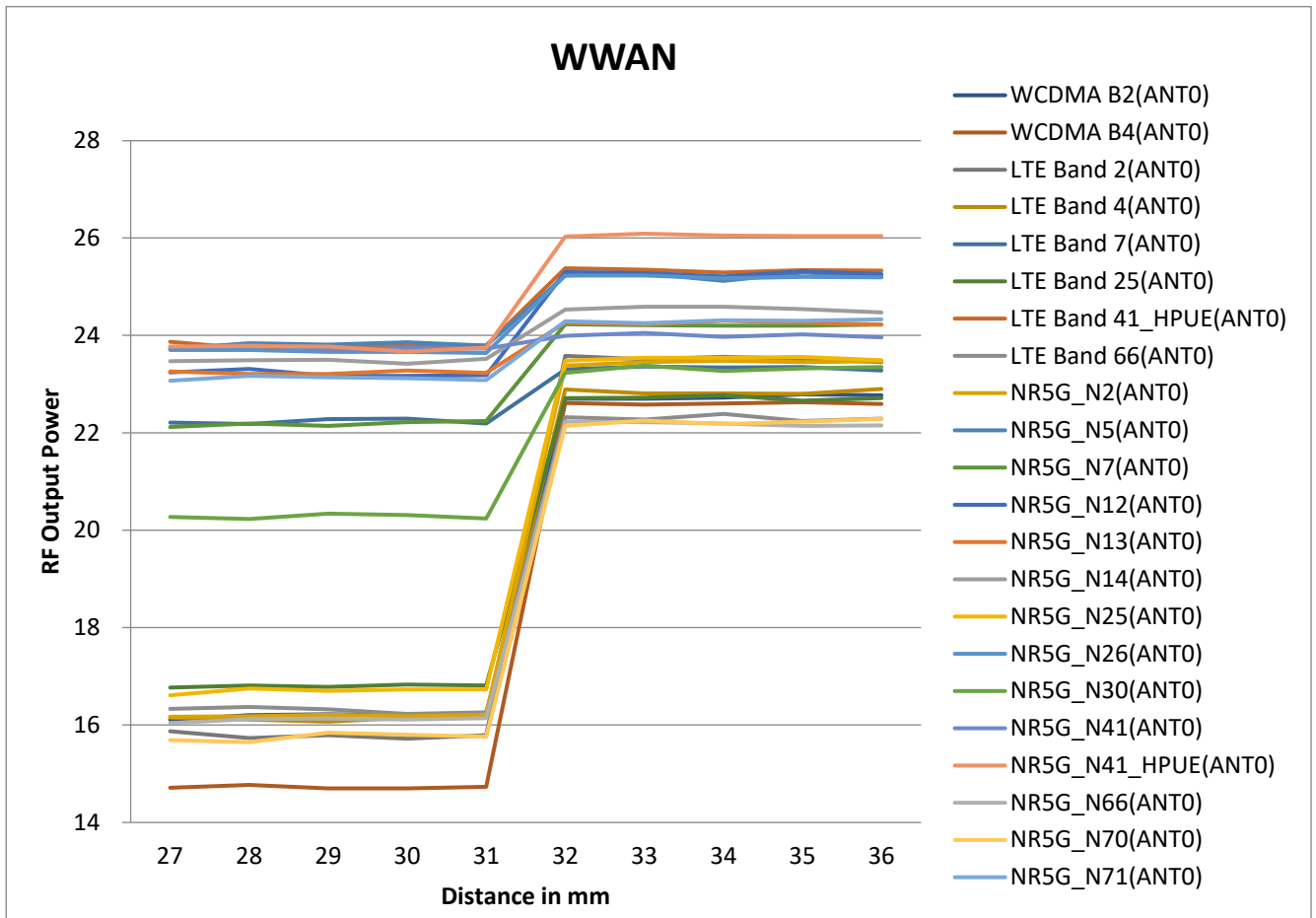


Mode	Right	
	Moving toward phantom	Moving from phantom
WWAN ANT 0	31mm	34mm
WWAN ANT 3	31mm	34mm

Note: The smallest separation distance determined in each triggering condition minus 1 mm should be used in the SAR measurements.

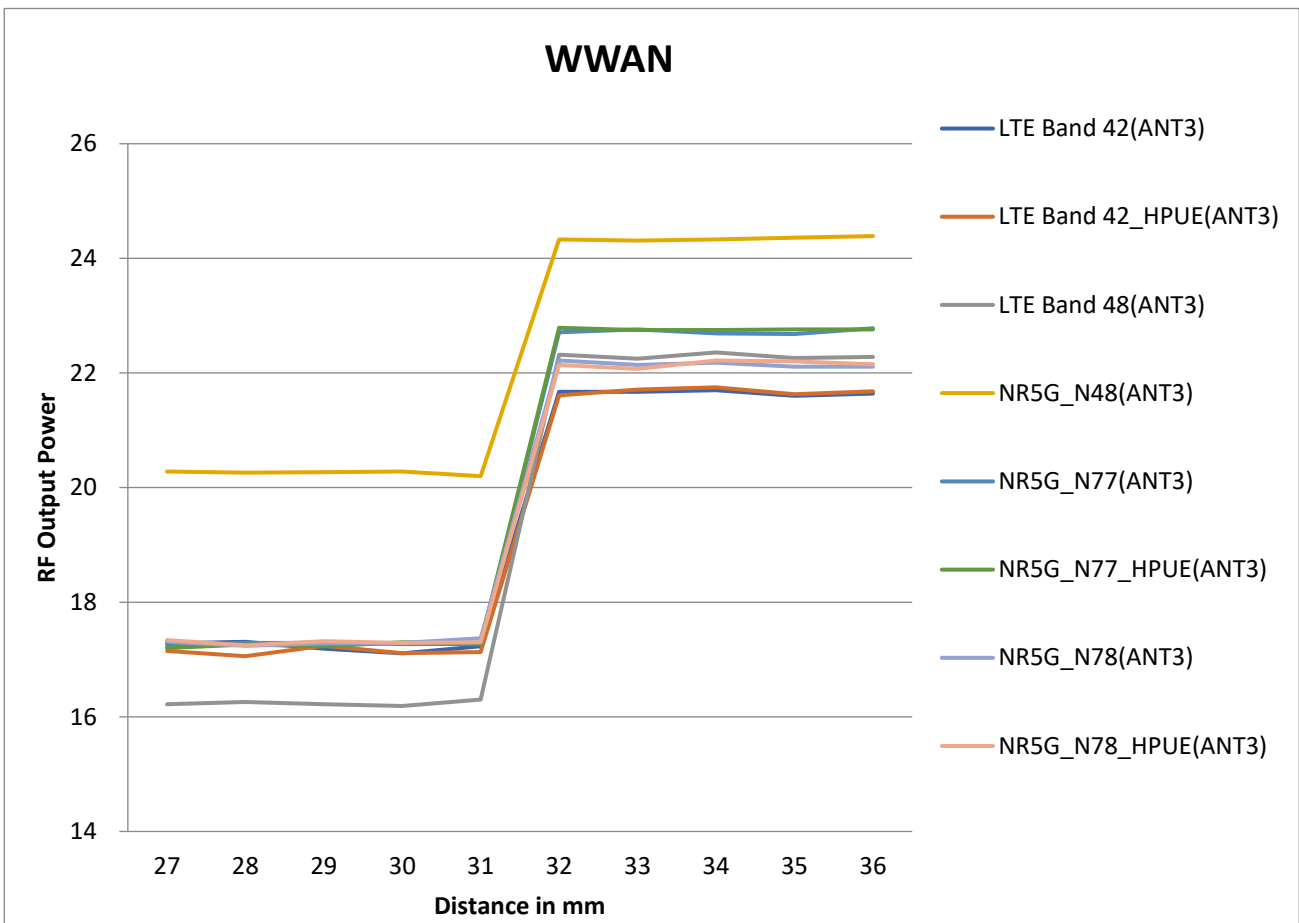
Right, DUT Moving Toward (Trigger) and Away (Release) from the phantom

Distance to DUT vs. Output Power in dBm										
Distance (mm)	27	28	29	30	31	32	33	34	35	36
WCDMA B2(ANT0)	16.11	16.20	16.22	16.20	16.21	22.70	22.70	22.72	22.79	22.77
WCDMA B4(ANT0)	14.71	14.77	14.70	14.70	14.73	22.61	22.58	22.60	22.63	22.59
LTE Band 2(ANT0)	15.87	15.73	15.79	15.72	15.79	23.58	23.51	23.56	23.52	23.45
LTE Band 4(ANT0)	16.15	16.11	16.07	16.15	16.19	22.89	22.81	22.81	22.80	22.90
LTE Band 7(ANT0)	22.21	22.18	22.28	22.29	22.19	23.30	23.36	23.34	23.35	23.28
LTE Band 25(ANT0)	16.77	16.81	16.78	16.83	16.81	22.71	22.72	22.77	22.66	22.71
LTE Band 41_HPUE(ANT0)	23.87	23.73	23.80	23.79	23.79	25.38	25.35	25.29	25.34	25.33
LTE Band 66(ANT0)	16.33	16.37	16.32	16.23	16.26	22.32	22.27	22.39	22.24	22.29
NR5G_N2(ANT0)	16.17	16.18	16.21	16.18	16.21	23.38	23.45	23.48	23.45	23.47
NR5G_N5(ANT0)	23.72	23.84	23.81	23.86	23.79	25.23	25.27	25.12	25.29	25.23
NR5G_N7(ANT0)	22.12	22.19	22.14	22.22	22.24	24.23	24.21	24.20	24.20	24.22
NR5G_N12(ANT0)	23.24	23.31	23.17	23.17	23.18	25.30	25.28	25.21	25.32	25.26
NR5G_N13(ANT0)	23.26	23.21	23.21	23.28	23.23	24.26	24.22	24.30	24.26	24.22
NR5G_N14(ANT0)	23.47	23.49	23.50	23.42	23.52	24.53	24.59	24.59	24.54	24.47
NR5G_N25(ANT0)	16.61	16.75	16.70	16.73	16.73	23.48	23.54	23.54	23.56	23.49
NR5G_N26(ANT0)	23.70	23.70	23.66	23.66	23.64	25.23	25.23	25.17	25.20	25.19
NR5G_N30(ANT0)	20.27	20.23	20.34	20.31	20.24	23.23	23.38	23.27	23.32	23.35
NR5G_N41(ANT0)	23.74	23.81	23.71	23.74	23.73	23.99	24.05	23.97	24.02	23.96
NR5G_N41_HPUE(ANT0)	23.77	23.78	23.77	23.67	23.75	26.03	26.09	26.05	26.04	26.04
NR5G_N66(ANT0)	16.04	16.12	16.13	16.11	16.14	22.23	22.22	22.19	22.14	22.15
NR5G_N70(ANT0)	15.69	15.65	15.84	15.8	15.76	22.14	22.25	22.18	22.23	22.29
NR5G_N71(ANT0)	23.07	23.17	23.14	23.12	23.08	24.29	24.25	24.31	24.3	24.33



Right, DUT Moving Toward (Trigger) and Away (Release) from the phantom

Distance to DUT vs. Output Power in dBm										
Distance (mm)	27	28	29	30	31	32	33	34	35	36
LTE Band 42(ANT3)	17.28	17.31	17.19	17.11	17.23	21.67	21.67	21.70	21.60	21.64
LTE Band 42_HPUE(ANT3)	17.15	17.06	17.24	17.11	17.13	21.61	21.71	21.75	21.63	21.68
LTE Band 48(ANT3)	16.22	16.26	16.22	16.19	16.30	22.32	22.25	22.36	22.26	22.28
NR5G_N48(ANT3)	20.28	20.26	20.27	20.28	20.20	24.33	24.31	24.33	24.36	24.39
NR5G_N77(ANT3)	17.23	17.29	17.29	17.27	17.27	22.71	22.76	22.69	22.68	22.78
NR5G_N77_HPUE(ANT3)	17.20	17.26	17.23	17.30	17.29	22.79	22.75	22.75	22.76	22.76
NR5G_N78(ANT3)	17.31	17.24	17.28	17.29	17.37	22.22	22.14	22.18	22.11	22.11
NR5G_N78_HPUE(ANT3)	17.34	17.25	17.32	17.29	17.30	22.14	22.07	22.22	22.20	22.15

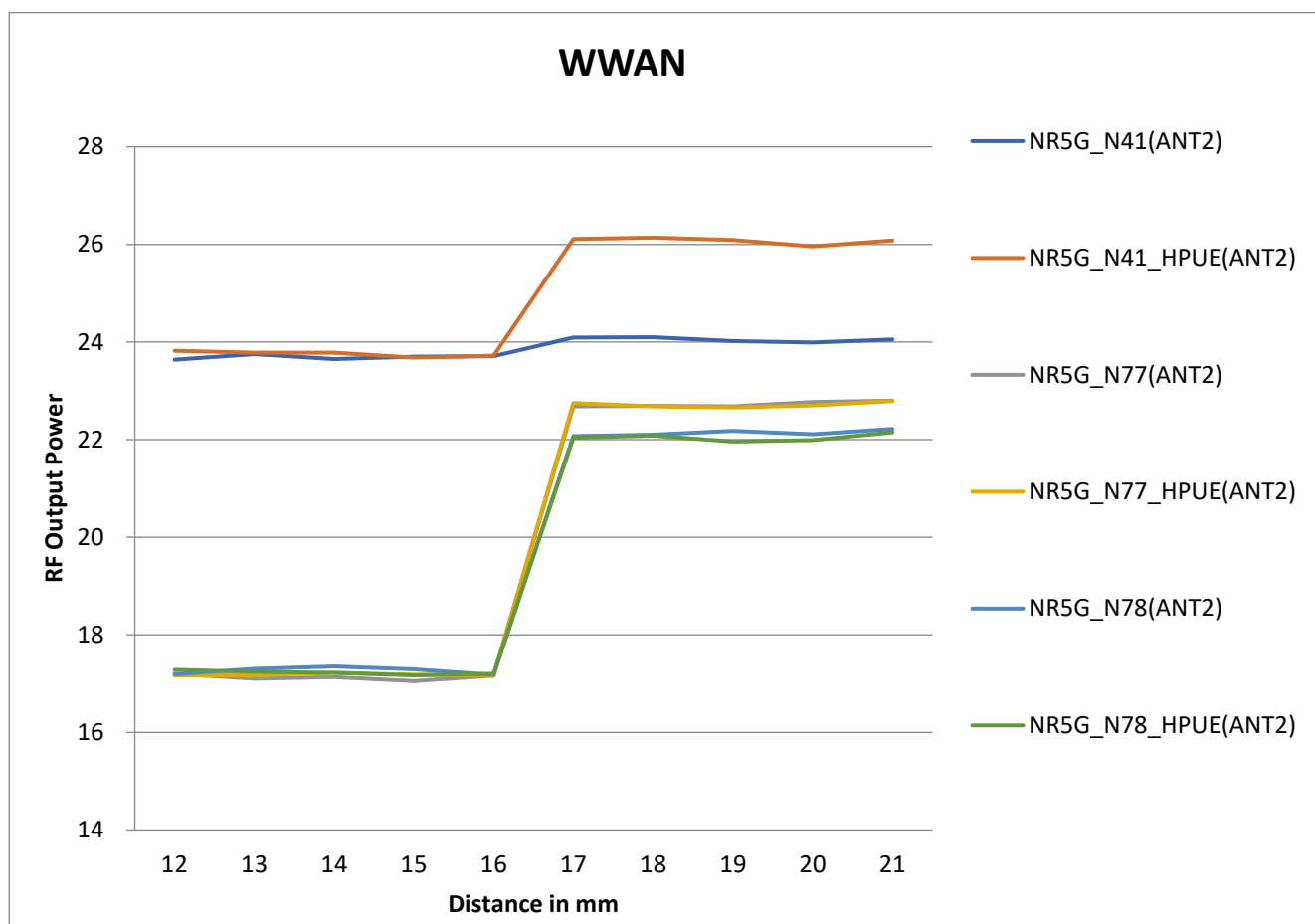


Mode	Left	
	Moving toward phantom	Moving from phantom
WWAN ANT 2	16mm	18mm

Note: The smallest separation distance determined in each triggering condition minus 1 mm should be used in the SAR measurements.

Left, DUT Moving Toward (Trigger) and Away (Release) from the phantom

Distance to DUT vs. Output Power in dBm										
Distance (mm)	12	13	14	15	16	17	18	19	20	21
NR5G_N41(ANT2)	23.64	23.75	23.65	23.70	23.71	24.09	24.10	24.02	23.99	24.05
NR5G_N41_HPUE(ANT2)	23.82	23.78	23.78	23.68	23.72	26.11	26.14	26.09	25.96	26.08
NR5G_N77(ANT2)	17.20	17.10	17.13	17.05	17.16	22.68	22.69	22.68	22.77	22.80
NR5G_N77_HPUE(ANT2)	17.17	17.17	17.22	17.18	17.17	22.75	22.68	22.66	22.70	22.79
NR5G_N78(ANT2)	17.19	17.30	17.35	17.29	17.18	22.07	22.10	22.18	22.11	22.22
NR5G_N78_HPUE(ANT2)	17.28	17.24	17.22	17.17	17.20	22.04	22.08	21.96	21.99	22.15



10. Test Results

10.1 Test Results Summary

SAR MEASUREMENT								
Ambient Temperature (°C): 22.8±2					Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.1±2					Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
		Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: WLAN2.4GHz_802.11ax20-HE0_Ant Main								
Front	10	6	2437	19.63	20	0.035	0.039	
Right-side	10	1	2412	15.58	16	0.071	0.079	
Right-side	10	6	2437	19.63	20	0.217	0.239	617
Right-side	10	11	2462	13.56	14	0.038	0.042	
Top	10	6	2437	19.63	20	0.152	0.167	
Test Mode: WLAN2.4GHz_802.11b-1M_Ant Main								
Right-side	10	11	2462	18.87	19	0.200	0.208	
Test Mode: WLAN2.4GHz_802.11b-1M_Ant Aux								
Front	10	11	2462	20.95	21	0.080	0.082	
Left-side	10	11	2462	20.95	21	0.073	0.075	
Top	10	1	2412	19.35	19.5	0.068	0.071	
Top	10	6	2437	19.67	20	0.077	0.084	
Top	10	11	2462	20.95	21	0.081	0.083	
Test Mode: Bluetooth_BT-1M_Ant Aux								
Front	10	78	2480	14.86	15	0.020	0.027	
Left-side	10	78	2480	14.86	15	0.019	0.026	
Top	10	78	2480	14.86	15	0.024	0.032	614

Note:

- When the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, SAR is not required.
- When the reported SAR of the highest measured maximum output power channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in that exposure configuration.

SAR MEASUREMENT								
Ambient Temperature (°C): 22.9±2					Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.2±2					Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
		Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: WLAN5GHz_802.11ax80-HE0_Ant Main								
Front	10	58	5290	11.65	12	0.023	0.026	
Right-side	10	58	5290	11.65	12	0.024	0.027	
Top	10	58	5290	11.65	12	0.040	0.044	
Test Mode: WLAN5GHz_802.11ac80-VHT0_Ant Aux								
Front	10	58	5290	12.95	13	0.026	0.026	
Left-side	10	58	5290	12.95	13	0.024	0.025	
Top	10	58	5290	12.95	13	0.120	0.123	606
Test Mode: WLAN5GHz_802.11a-6M_Ant Main								
Front	10	116	5580	10.01	10.5	0.026	0.029	
Right-side	10	116	5580	10.01	10.5	0.034	0.039	
Top	10	116	5580	10.01	10.5	0.062	0.070	
Test Mode: WLAN5GHz_802.11ax80-HE0_Ant Aux								
Front	10	106	5530	12.72	13	0.027	0.029	
Left-side	10	106	5530	12.72	13	0.032	0.035	
Top	10	106	5530	12.72	13	0.134	0.144	607
Top	10	122	5610	12.75	13	0.113	0.121	
Test Mode: WLAN5GHz_802.11n20-HT0_Ant Main								
Front	10	149	5745	9.71	10	0.022	0.024	
Right-side	10	149	5745	9.71	10	0.031	0.034	
Top	10	149	5745	9.71	10	0.080	0.086	
Test Mode: WLAN5GHz_802.11ax80-HE0_Ant Aux								
Front	10	155	5775	12.67	13	0.023	0.025	
Left-side	10	155	5775	12.67	13	0.039	0.043	
Top	10	155	5775	12.67	13	0.130	0.142	608

Note:

1. When the reported SAR of the highest measured maximum output power channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in that exposure configuration.
2. When multiple transmission modes have the same specified maximum output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected.
3. When the reported SAR of the highest measured maximum U-NII-2A for the exposure configuration is ≤ 1.2 W/kg, SAR is not required for U-NII-1 band.

SAR MEASUREMENT								
Ambient Temperature (°C): 22.9±2					Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.3±2					Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
		Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: WCDMA B2_RMC_ANT 0_DSI0								
Front	10	9400	1880	14.99	15.5	0.017	0.019	
Right-side	10	9262	1852.4	14.83	15.5	0.086	0.101	
Right-side	10	9400	1880	14.99	15.5	0.094	0.105	
Right-side	10	9538	1907.6	14.87	15.5	0.078	0.090	
Top	10	9400	1880	14.99	15.5	0.003	0.003	
Test Mode: WCDMA B2_RMC_ANT 0_DSI1								
Back	30	9262	1852.4	22.45	23	0.244	0.277	
Back	30	9400	1880	22.79	23	0.267	0.280	226
Back	30	9538	1907.6	22.54	23	0.243	0.270	
Right-side	30	9400	1880	22.79	23	0.120	0.126	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT								
Ambient Temperature (°C): 22.8±2					Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.2±2					Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
		Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: WCDMA B4_RMC_ANT 0_DSI0								
Front	10	1413	1732.6	16.32	16.5	0.069	0.072	
Right-side	10	1312	1712.4	16.16	16.5	0.195	0.211	
Right-side	10	1413	1732.6	16.32	16.5	0.211	0.220	
Right-side	10	1513	1752.6	16.25	16.5	0.199	0.211	
Top	10	1413	1732.6	16.32	16.5	0.071	0.074	
Test Mode: WCDMA B4_RMC_ANT 0_DSI1								
Back	30	1312	1712.4	22.73	23	0.316	0.336	
Back	30	1413	1732.6	22.98	23	0.376	0.378	222
Back	30	1513	1752.6	22.83	23	0.361	0.375	
Right-side	30	1413	1732.6	22.98	23	0.228	0.229	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT								
Ambient Temperature (°C): 22.9±2					Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.3±2					Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
		Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: WCDMA B5_RMC_ANT 0								
Front	10	4183	836.6	23.68	24.5	0.104	0.126	
Right-side	10	4132	826.4	23.55	24.5	0.231	0.287	
Right-side	10	4183	836.6	23.68	24.5	0.247	0.298	220
Right-side	10	4233	846.6	23.29	24.5	0.206	0.272	
Top	10	4183	836.6	23.68	24.5	0.135	0.163	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.8±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.3±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: LTE Band 2_20M_QPSK_ANT 0_DSI0										
Front	10	1	0	18900	1880	15.95	16	0.014	0.014	
Right-side	10	1	0	18700	1860	15.91	16	0.073	0.074	
Right-side	10	1	0	18900	1880	15.95	16	0.103	0.104	
Right-side	10	1	0	19100	1900	15.92	16	0.091	0.093	
Right-side	10	50	0	18900	1880	15.60	16	0.069	0.076	
Top	10	1	0	18900	1880	15.95	16	0.002	0.002	
Test Mode: LTE Band 2_20M_QPSK_ANT 0_DSI1										
Back	30	1	0	18700	1860	23.62	24	0.352	0.384	
Back	30	1	0	18900	1880	23.65	24	0.364	0.395	88
Back	30	1	0	19100	1900	23.61	24	0.323	0.353	
Back	30	50	0	18900	1880	22.62	23	0.241	0.263	
Right-side	30	1	0	18900	1880	23.65	24	0.159	0.172	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.8±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.2±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: LTE Band 4_20M_QPSK_ANT 0_DSI0										
Front	10	1	0	20175	1732.5	16.48	16.5	0.026	0.026	
Right-side	10	1	0	20050	1720	16.45	16.5	0.172	0.174	
Right-side	10	1	0	20175	1732.5	16.48	16.5	0.183	0.184	
Right-side	10	1	0	20300	1745	16.47	16.5	0.176	0.177	
Right-side	10	50	0	20175	1732.5	16.38	16.5	0.173	0.178	
Top	10	1	0	20175	1732.5	16.48	16.5	0.029	0.029	
Test Mode: LTE Band 4_20M_QPSK_ANT 0_DSI1										
Back	30	1	0	20050	1720	22.91	23	0.325	0.332	
Back	30	1	0	20175	1732.5	22.95	23	0.391	0.396	97
Back	30	1	0	20300	1745	22.92	23	0.368	0.375	
Back	30	50	0	20175	1732.5	22.87	23	0.272	0.280	
Right-side	30	1	0	20175	1732.5	22.95	23	0.238	0.241	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9 ±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.3±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: LTE Band 5_10M_QPSK_ANT 0										
Front	10	1	0	20525	836.5	23.67	24.5	0.194	0.235	
Right-side	10	1	0	20450	829	23.57	24.5	0.214	0.265	
Right-side	10	1	0	20525	836.5	23.67	24.5	0.253	0.306	4
Right-side	10	1	0	20600	844	23.27	24.5	0.227	0.301	
Right-side	10	25	0	20525	836.5	21.77	23.5	0.190	0.283	
Top	10	1	0	20525	836.5	23.67	24.5	0.122	0.148	
Test Mode: LTE Band 5B_10M_QPSK_ANT 0										
Right-side	10	1	0	20476	831.6	23.56	24.5	0.201	0.250	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.8±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.2±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: LTE Band 7_20M_QPSK_ANT 0_DSI0										
Front	10	1	0	21100	2535	22.48	22.5	0.095	0.095	
Left-side	10	1	0	21100	2535	22.48	22.5	0.007	0.007	
Right-side	10	1	0	20850	2510	22.41	22.5	0.313	0.320	
Right-side	10	1	0	21100	2535	22.48	22.5	0.333	0.335	679
Right-side	10	1	0	21350	2560	22.45	22.5	0.291	0.294	
Right-side	10	50	0	21100	2535	21.44	21.5	0.233	0.236	
Top	10	1	0	21100	2535	22.48	22.5	0.101	0.101	
Bottom	10	1	0	21100	2535	22.48	22.5	0.001	0.001	
Test Mode: LTE Band 7_20M_QPSK_ANT 0_DSI1										
Back	30	1	0	20850	2510	23.42	24	0.152	0.174	
Back	30	1	0	21100	2535	23.49	24	0.167	0.188	
Back	30	1	0	21350	2560	23.41	24	0.160	0.183	
Back	30	50	0	21100	2535	22.42	23	0.131	0.150	
Right-side	30	1	0	21100	2535	23.49	24	0.085	0.095	
Test Mode: LTE Band 7C_20M_QPSK_ANT 0_DSI0										
Right-side	10	1	0	21001	2525.1	22.12	22.5	0.306	0.334	
Test Mode: LTE Band 7C_20M_QPSK_ANT 0_DSI1										
Back	30	1	0	21001	2525.1	23.26	24	0.153	0.181	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.1±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: LTE Band 12_10M_QPSK_ANT 0										
Front	10	1	0	23095	707.5	22.39	24	0.070	0.102	
Right-side	10	1	0	23060	704	22.38	24	0.083	0.121	
Right-side	10	1	0	23095	707.5	22.39	24	0.087	0.126	5
Right-side	10	1	0	23130	711	22.37	24	0.084	0.122	
Right-side	10	25	0	23095	707.5	21.51	23	0.077	0.109	
Top	10	1	0	23095	707.5	22.39	24	0.067	0.096	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.1±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: LTE Band 13_10M_QPSK_ANT 0										
Front	10	1	0	23230	782	22.67	24.5	0.136	0.207	
Right-side	10	1	0	23230	782	22.67	24.5	0.180	0.274	6
Right-side	10	25	0	23230	782	21.69	23.5	0.122	0.185	
Top	10	1	0	23230	782	22.67	24.5	0.091	0.139	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.1±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: LTE Band 14_10M_QPSK_ANT 0										
Front	10	1	0	23330	793	22.56	24	0.157	0.219	
Right-side	10	1	0	23330	793	22.56	24	0.171	0.238	132
Right-side	10	25	0	23330	793	21.62	23	0.137	0.188	
Top	10	1	0	23330	793	22.56	24	0.090	0.126	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.8±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.3±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: LTE Band 25_20M_QPSK_ANT 0_DSI0										
Front	10	1	0	26365	1882.5	16.95	17.5	0.019	0.021	
Right-side	10	1	0	26140	1860	16.92	17.5	0.126	0.144	
Right-side	10	1	0	26365	1882.5	16.95	17.5	0.146	0.166	
Right-side	10	1	0	26590	1905	16.94	17.5	0.126	0.143	
Right-side	10	50	0	26365	1882.5	16.91	17.5	0.125	0.143	
Top	10	1	0	26365	1882.5	16.95	17.5	0.002	0.002	
Test Mode: LTE Band 25_20M_QPSK_ANT 0_DSI1										
Back	30	1	0	26140	1860	22.81	23.5	0.264	0.309	
Back	30	1	0	26365	1882.5	22.85	23.5	0.273	0.317	168
Back	30	1	0	26590	1905	22.81	23.5	0.270	0.316	
Back	30	50	0	26365	1882.5	21.97	22.5	0.214	0.242	
Right-side	30	1	0	26365	1882.5	22.85	23.5	0.162	0.188	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9 ±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.3±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: LTE Band 26_15M_QPSK_ANT 0										
Front	10	1	0	26865	831.5	23.04	24	0.190	0.237	
Right-side	10	1	0	26765	821.5	22.91	24	0.181	0.233	
Right-side	10	1	0	26865	831.5	23.04	24	0.218	0.272	153
Right-side	10	1	0	26965	841.5	22.50	24	0.186	0.263	
Right-side	10	36	0	26865	831.5	21.93	22.5	0.161	0.184	
Top	10	1	0	26865	831.5	23.04	24	0.117	0.146	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.8 ±2							Relative Humidity (%):57%			
Liquid Temperature (°C): 22.3±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: LTE Band 41_20M_QPSK_ANT 0_HPUE_DSI0										
Front	10	1	0	40620	2593	23.93	24	0.066	0.068	
Left-side	10	1	0	40620	2593	23.93	24	0.001	0.001	
Right-side	10	1	0	39750	2506	23.90	24	0.130	0.134	
Right-side	10	1	0	40620	2593	23.93	24	0.206	0.211	
Right-side	10	1	0	41490	2680	23.92	24	0.134	0.138	
Right-side	10	50	0	40620	2593	23.91	24	0.115	0.118	
Top	10	1	0	40620	2593	23.93	24	0.056	0.057	
Bottom	10	1	0	40620	2593	23.93	24	0.001	0.001	
Test Mode: LTE Band 41_20M_QPSK_ANT 0_HPUE_DSI1										
Back	30	1	0	39750	2506	25.48	26	0.104	0.118	
Back	30	1	0	40620	2593	25.50	26	0.113	0.128	
Back	30	1	0	41490	2680	25.41	26	0.105	0.121	
Back	30	50	0	40620	2593	24.46	25	0.102	0.117	
Right-side	30	1	0	40620	2593	25.50	26	0.060	0.068	
Test Mode: LTE Band 41_20M_QPSK_ANT 0										
Front	10	1	0	40620	2593	23.95	24	0.059	0.060	
Left-side	10	1	0	40620	2593	23.95	24	0.001	0.001	
Right-side	10	1	0	39750	2506	23.92	24	0.129	0.132	
Right-side	10	1	0	40620	2593	23.95	24	0.207	0.211	687
Right-side	10	1	0	41490	2680	23.94	24	0.135	0.138	
Right-side	10	50	0	40620	2593	23.88	24	0.114	0.118	
Top	10	1	0	40620	2593	23.95	24	0.044	0.045	
Bottom	10	1	0	40620	2593	23.95	24	0.001	0.001	
Test Mode: LTE Band 41C_20M_QPSK_ANT 0_HPUE_DSI0										
Right-side	10	1	0	40521	2583.1	23.83	24	0.137	0.144	
Test Mode: LTE Band 41C_20M_QPSK_ANT 0_HPUE_DSI1										
Back	30	1	0	40521	2583.1	25.36	26	0.105	0.123	
Test Mode: LTE Band 41C_20M_QPSK_ANT 0										
Right-side	10	1	0	40521	2583.1	23.83	24	0.128	0.134	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.3±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: LTE Band 42_20M_QPSK_ANT 3_HPUE_DSIO										
Front	10	1	0	42590	3500	17.50	17.5	0.009	0.009	
Right-side	10	1	0	41690	3410	17.42	17.5	0.008	0.008	
Right-side	10	1	0	42590	3500	17.50	17.5	0.015	0.015	
Right-side	10	1	0	43490	3590	17.49	17.5	0.012	0.012	
Right-side	10	50	0	42590	3500	17.29	17.5	0.006	0.007	
Bottom	10	1	0	42590	3500	17.50	17.5	0.008	0.008	
Test Mode: LTE Band 42_20M_QPSK_ANT 3_HPUE_DSII										
Back	30	1	0	41690	3410	21.73	22	0.216	0.232	
Back	30	1	0	42590	3500	21.79	22	0.235	0.249	215
Back	30	1	0	43490	3590	21.77	22	0.229	0.244	
Back	30	50	0	42590	3500	21.66	22	0.209	0.228	
Right-side	30	1	0	42590	3500	21.79	22	0.040	0.042	
Test Mode: LTE Band 42_20M_QPSK_ANT 3_DSIO										
Front	10	1	0	42590	3500	17.49	17.5	0.008	0.009	
Right-side	10	1	0	41690	3410	17.41	17.5	0.007	0.007	
Right-side	10	1	0	42590	3500	17.49	17.5	0.013	0.013	
Right-side	10	1	0	43490	3590	17.47	17.5	0.012	0.012	
Right-side	10	50	0	42590	3500	17.31	17.5	0.006	0.007	
Bottom	10	1	0	42590	3500	17.49	17.5	0.008	0.008	
Test Mode: LTE Band 42_20M_QPSK_ANT 3_DSII										
Back	30	1	0	41690	3410	21.75	22	0.213	0.227	
Back	30	1	0	42590	3500	21.79	22	0.216	0.228	
Back	30	1	0	43490	3590	21.74	22	0.207	0.221	
Back	30	50	0	42590	3500	21.62	22	0.199	0.218	
Right-side	30	1	0	42590	3500	21.79	22	0.038	0.040	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9±2							Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.2±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: LTE Band 48_20M_QPSK_ANT 3_DSI0										
Front	10	1	0	55990	3625	16.43	17.5	0.016	0.021	
Right-side	10	1	0	55340	3560	16.38	17.5	0.022	0.029	
Right-side	10	1	0	55990	3625	16.43	17.5	0.027	0.034	
Right-side	10	1	0	56640	3690	16.35	17.5	0.025	0.033	
Right-side	10	50	0	55990	3625	16.31	17.5	0.022	0.029	
Bottom	10	1	0	55990	3625	16.43	17.5	0.015	0.020	
Test Mode: LTE Band 48_20M_QPSK_ANT 3_DSI1										
Back	30	1	0	55340	3560	22.45	23.5	0.374	0.479	
Back	30	1	0	55990	3625	22.49	23.5	0.404	0.513	710
Back	30	1	0	56640	3690	22.41	23.5	0.393	0.508	
Back	30	50	0	55990	3625	21.45	22.5	0.324	0.415	
Right-side	30	1	0	55990	3625	22.49	23.5	0.129	0.164	
Test Mode: LTE Band 48C_20M_QPSK_ANT 3_DSI0										
Right-side	10	1	0	55891	3615.1	16.38	17.5	0.023	0.030	
Test Mode: LTE Band 48C_20M_QPSK_ANT 3_DSI1										
Back	30	1	0	55891	3615.1	22.29	23.5	0.380	0.505	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 23±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.2±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: LTE Band 66_20M_QPSK_ANT 0_DSI0										
Front	10	1	0	132322	1745	16.47	16.5	0.025	0.025	
Right-side	10	1	0	132072	1720	16.44	16.5	0.182	0.185	
Right-side	10	1	0	132322	1745	16.47	16.5	0.195	0.196	
Right-side	10	1	0	132572	1770	16.44	16.5	0.151	0.153	
Right-side	10	50	0	132322	1745	16.38	16.5	0.144	0.148	
Top	10	1	0	132322	1745	16.47	16.5	0.026	0.026	
Test Mode: LTE Band 66_20M_QPSK_ANT 0_DSI1										
Back	30	1	0	132072	1720	22.41	22.5	0.221	0.226	
Back	30	1	0	132322	1745	22.46	22.5	0.309	0.312	162
Back	30	1	0	132572	1770	22.44	22.5	0.274	0.278	
Back	30	50	0	132322	1745	22.30	22.5	0.297	0.311	
Right-side	30	1	0	132322	1745	22.06	22.5	0.200	0.221	
Test Mode: LTE Band 66B_20M_QPSK_ANT 0_DSI0										
Right-side	10	1	0	132373	1750.1	16.29	16.5	0.186	0.195	
Test Mode: LTE Band 66B_20M_QPSK_ANT 0_DSI1										
Back	30	1	0	132373	1750.1	22.26	22.5	0.294	0.311	
Test Mode: LTE Band 66C_20M_QPSK_ANT 0_DSI0										
Right-side	10	1	0	132373	1750.1	16.28	16.5	0.184	0.194	
Test Mode: LTE Band 66C_20M_QPSK_ANT 0_DSI1										
Back	30	1	0	132373	1750.1	22.20	22.5	0.287	0.308	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.1±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: LTE Band 71_20M_QPSK_ANT 0										
Front	10	1	0	133322	683	22.85	24	0.041	0.054	
Right-side	10	1	0	133222	673	22.80	24	0.046	0.061	
Right-side	10	1	0	133322	683	22.85	24	0.057	0.074	131
Right-side	10	1	0	133372	688	22.82	24	0.055	0.072	
Right-side	10	50	0	133322	683	21.85	23	0.047	0.061	
Top	10	1	0	133322	683	22.85	24	0.033	0.043	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.8±2							Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.1±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: NR n5_20M_QPSK_ANT 0_DSI0										
Front	10	1	1	167300	836.5	23.95	24	0.135	0.137	
Left-side	10	1	1	167300	836.5	23.95	24	0.001	0.001	
Right-side	10	1	1	166800	834	23.91	24	0.261	0.266	
Right-side	10	1	1	167300	836.5	23.95	24	0.266	0.269	8
Right-side	10	1	1	167800	839	23.92	24	0.252	0.257	
Right-side	10	50	25	167300	836.5	22.94	23	0.230	0.233	
Top	10	1	1	167300	836.5	23.95	24	0.135	0.137	
Bottom	10	1	1	167300	836.5	23.95	24	0.001	0.001	
Test Mode: NR n5_20M_QPSK_ANT 0_DSI1										
Back	30	1	1	166800	834	25.41	25.5	0.083	0.085	
Back	30	1	1	167300	836.5	25.45	25.5	0.085	0.086	
Back	30	1	1	167800	839	25.42	25.5	0.082	0.084	
Back	30	50	25	167300	836.5	24.44	24.5	0.068	0.069	
Right-side	30	1	1	167300	836.5	25.45	25.5	0.024	0.024	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9 ±2							Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.1±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: NR n7_40M_QPSK_ANT 0_DSIO										
Front	10	1	1	507000	2535	22.39	22.5	0.079	0.081	
Left-side	10	1	1	507000	2535	22.39	22.5	0.009	0.009	
Right-side	10	1	1	504000	2520	22.32	22.5	0.365	0.380	
Right-side	10	1	1	507000	2535	22.39	22.5	0.375	0.385	441
Right-side	10	1	1	510000	2550	22.35	22.5	0.332	0.344	
Right-side	10	108	54	507000	2535	22.25	22.5	0.350	0.371	
Top	10	1	1	507000	2535	22.39	22.5	0.106	0.109	
Bottom	10	1	1	507000	2535	22.39	22.5	0.001	0.001	
Test Mode: NR n7_40M_QPSK_ANT 0_DSII										
Back	30	1	1	504000	2520	24.83	25.5	0.231	0.270	
Back	30	1	1	507000	2535	24.87	25.5	0.245	0.283	
Back	30	1	1	510000	2550	24.82	25.5	0.241	0.282	
Back	30	108	54	507000	2535	23.69	24	0.243	0.261	
Right-side	30	1	1	507000	2535	24.87	25.5	0.105	0.121	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 23.1±2							Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.2±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: NR n12_15M_QPSK_ANT 0_DSI0										
Front	10	1	1	141500	707.5	23.46	23.5	0.031	0.031	
Left-side	10	1	1	141500	707.5	23.46	23.5	0.001	0.001	
Right-side	10	1	1	141300	706.5	23.43	23.5	0.081	0.083	
Right-side	10	1	1	141500	707.5	23.46	23.5	0.095	0.096	10
Right-side	10	1	1	141700	708.5	23.44	23.5	0.086	0.088	
Right-side	10	36	18	141500	707.5	22.97	23	0.064	0.064	
Top	10	1	1	141500	707.5	23.46	23.5	0.031	0.031	
Bottom	10	1	1	141500	707.5	23.46	23.5	0.001	0.001	
Test Mode: NR n12_15M_QPSK_ANT 0_DSI1										
Back	30	1	1	141300	706.5	25.43	25.5	0.065	0.066	
Back	30	1	1	141500	707.5	25.46	25.5	0.067	0.068	
Back	30	1	1	141700	708.5	25.44	25.5	0.063	0.064	
Back	30	36	18	141500	707.5	24.97	25	0.058	0.058	
Right-side	30	1	1	141500	707.5	25.46	25.5	0.019	0.019	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 23.1±2							Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.2±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: NR n13_10M_QPSK_ANT 0_DSIO										
Front	10	1	1	156400	782	23.51	24.5	0.073	0.092	
Left-side	10	1	1	156400	782	23.51	24.5	0.004	0.005	
Right-side	10	1	1	156400	782	23.51	24.5	0.212	0.266	11
Right-side	10	25	12	156400	782	22.58	23.5	0.163	0.201	
Top	10	1	1	156400	782	23.51	24.5	0.073	0.092	
Bottom	10	1	1	156400	782	23.51	24.5	0.001	0.001	
Test Mode: NR n13_10M_QPSK_ANT 0_DSI1										
Back	30	1	1	156400	782	24.51	25.5	0.072	0.090	
Back	30	25	12	156400	782	23.58	24.5	0.057	0.070	
Right-side	30	1	1	156400	782	24.51	25.5	0.018	0.023	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 23.1±2							Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.2±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: NR n14_10M_QPSK_ANT 0_DSI0										
Front	10	1	1	158600	793	23.77	24.5	0.084	0.099	
Left-side	10	1	1	158600	793	23.77	24.5	0.004	0.005	
Right-side	10	1	1	158600	793	23.77	24.5	0.227	0.269	12
Right-side	10	25	12	158600	793	22.61	23.5	0.181	0.222	
Top	10	1	1	158600	793	23.77	24.5	0.084	0.099	
Bottom	10	1	1	158600	793	23.77	24.5	0.001	0.001	
Test Mode: NR n14_10M_QPSK_ANT 0_DSI1										
Back	30	1	1	158600	793	24.77	25.5	0.073	0.086	
Back	30	25	12	158600	793	23.61	24.5	0.061	0.075	
Right-side	30	1	1	158600	793	24.77	25.5	0.016	0.019	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9±2							Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.3 ±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: NR n25_40M_QPSK_ANT 0_DSI0										
Front	10	1	1	376500	1882.5	17.25	17.5	0.027	0.029	
Right-side	10	1	1	374000	1870	17.21	17.5	0.149	0.159	
Right-side	10	1	1	376500	1882.5	17.25	17.5	0.169	0.179	
Right-side	10	1	1	379000	1895	17.22	17.5	0.132	0.141	
Right-side	10	108	54	376500	1882.5	17.15	17.5	0.134	0.145	
Top	10	1	1	376500	1882.5	17.25	17.5	0.024	0.025	
Test Mode: NR n25_40M_QPSK_ANT 0_DSI1										
Back	30	1	1	374000	1870	23.86	24	0.316	0.326	
Back	30	1	1	376500	1882.5	23.88	24	0.387	0.398	71
Back	30	1	1	379000	1895	23.82	24	0.381	0.397	
Back	30	108	54	376500	1882.5	22.79	23	0.375	0.394	
Right-side	30	1	1	376500	1882.5	23.88	24	0.136	0.140	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

2. NR n2 (1850-1910 MHz) is covered by NR n25 (1850 -1915 MHz)

SAR MEASUREMENT										
Ambient Temperature (°C): 22.8±2							Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.1±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: NR n26_20M_QPSK_ANT 0_DSI0										
Front	10	1	1	166300	831.5	23.87	24	0.130	0.134	
Left-side	10	1	1	166300	831.5	23.87	24	0.005	0.005	
Right-side	10	1	1	164800	824	23.82	24	0.311	0.324	
Right-side	10	1	1	166300	831.5	23.87	24	0.325	0.335	9
Right-side	10	1	1	167800	839	23.85	24	0.316	0.327	
Right-side	10	50	25	166300	831.5	22.95	23	0.252	0.255	
Top	10	1	1	166300	831.5	23.87	24	0.153	0.158	
Bottom	10	1	1	166300	831.5	23.87	24	0.001	0.001	
Test Mode: NR n26_20M_QPSK_ANT 0_DSI1										
Back	30	1	1	164800	824	25.32	25.5	0.080	0.083	
Back	30	1	1	166300	831.5	25.37	25.5	0.083	0.086	
Back	30	1	1	167800	839	25.35	25.5	0.081	0.084	
Back	30	50	25	166300	831.5	24.45	24.5	0.067	0.068	
Right-side	30	1	1	166300	831.5	25.37	25.5	0.023	0.024	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 23.1±2							Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.2 ±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: NR n30_10M_QPSK_ANT 0_DSI0										
Front	10	1	26	462000	2310	20.45	20.5	0.067	0.068	
Right-side	10	1	26	462000	2310	20.45	20.5	0.311	0.315	514
Right-side	10	25	12	462000	2310	20.31	20.5	0.265	0.277	
Top	10	1	26	462000	2310	20.45	20.5	0.068	0.069	
Test Mode: NR n30_10M_QPSK_ANT 0_DSI1										
Back	30	1	26	462000	2310	23.49	23.5	0.175	0.175	
Back	30	25	12	462000	2310	23.32	23.5	0.135	0.141	
Right-side	30	1	26	462000	2310	23.49	23.5	0.126	0.126	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.8±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.2±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: NR n41_100M_QPSK_ANT 0_HPUE_DSI0										
Front	10	1	1	518598	2592.99	24.10	24.5	0.041	0.045	
Left-side	10	1	1	518598	2592.99	24.10	24.5	0.001	0.001	
Right-side	10	1	1	509202	2546.01	24.04	24.5	0.081	0.090	
Right-side	10	1	1	518598	2592.99	24.10	24.5	0.083	0.091	
Right-side	10	1	1	528000	2640	24.06	24.5	0.079	0.087	
Right-side	10	135	67	518598	2592.99	23.98	24.5	0.073	0.082	
Top	10	1	1	518598	2592.99	24.10	24.5	0.050	0.055	
Bottom	10	1	1	518598	2592.99	24.10	24.5	0.001	0.001	
Test Mode: NR n41_100M_QPSK_ANT 0_HPUE_DSI1										
Back	30	1	1	509202	2546.01	26.66	27.5	0.055	0.067	
Back	30	1	1	518598	2592.99	26.68	27.5	0.059	0.072	
Back	30	1	1	528000	2640	26.67	27.5	0.055	0.067	
Back	30	135	67	518598	2592.99	25.48	26	0.049	0.055	
Right-side	30	1	1	518598	2592.99	26.68	27.5	0.032	0.039	
Test Mode: NR n41_100M_QPSK_ANT 0_DSI0										
Front	10	1	1	518598	2592.99	24.08	24.5	0.038	0.042	
Left-side	10	1	1	518598	2592.99	24.08	24.5	0.001	0.001	
Right-side	10	1	1	509202	2546.01	24.02	24.5	0.076	0.085	
Right-side	10	1	1	518598	2592.99	24.08	24.5	0.081	0.089	
Right-side	10	1	1	528000	2640	24.05	24.5	0.078	0.087	
Right-side	10	135	67	518598	2592.99	23.99	24	0.072	0.072	
Top	10	1	1	518598	2592.99	24.08	24.5	0.047	0.052	
Bottom	10	1	1	518598	2592.99	24.08	24.5	0.001	0.001	
Test Mode: NR n41_100M_QPSK_ANT 0_DSI1										
Back	30	1	1	509202	2546.01	24.63	25.5	0.045	0.055	
Back	30	1	1	518598	2592.99	24.67	25.5	0.051	0.061	
Back	30	1	1	528000	2640	24.62	25.5	0.046	0.056	
Back	30	135	67	518598	2592.99	23.49	24	0.041	0.046	
Right-side	30	1	1	518598	2592.99	24.67	25.5	0.027	0.033	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9±2							Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.1±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: NR n41_100M_QPSK_ANT 2_HPUE_DSI0										
Front	10	1	1	518598	2592.99	24.10	24.5	0.039	0.043	
Left-side	10	1	1	509202	2546.01	24.04	24.5	0.082	0.091	
Left-side	10	1	1	518598	2592.99	24.10	24.5	0.107	0.117	
Left-side	10	1	1	528000	2640	24.06	24.5	0.075	0.083	
Left-side	10	135	67	518598	2592.99	23.98	24	0.103	0.103	
Right-side	10	1	1	518598	2592.99	24.10	24.5	0.001	0.001	
Top	10	1	1	518598	2592.99	24.10	24.5	0.045	0.049	
Bottom	10	1	1	518598	2592.99	24.10	24.5	0.001	0.001	
Test Mode: NR n41_100M_QPSK_ANT 2_HPUE_DSI1										
Back	15	1	1	509202	2546.01	26.66	27.5	0.179	0.217	
Back	15	1	1	518598	2592.99	26.68	27.5	0.201	0.243	451
Back	15	1	1	528000	2640	26.67	27.5	0.080	0.097	
Back	15	135	67	518598	2592.99	25.48	26	0.153	0.172	
Test Mode: NR n41_100M_QPSK_ANT 2_DSI0										
Front	10	1	1	518598	2592.99	24.08	24.5	0.036	0.040	
Left-side	10	1	1	509202	2546.01	24.02	24.5	0.099	0.110	
Left-side	10	1	1	518598	2592.99	24.08	24.5	0.105	0.116	
Left-side	10	1	1	528000	2640	24.05	24.5	0.074	0.082	
Left-side	10	135	67	518598	2592.99	23.99	24	0.101	0.101	
Right-side	10	1	1	518598	2592.99	24.08	24.5	0.001	0.001	
Top	10	1	1	518598	2592.99	24.08	24.5	0.042	0.046	
Bottom	10	1	1	518598	2592.99	24.08	24.5	0.001	0.001	
Test Mode: NR n41_100M_QPSK_ANT 2_DSI1										
Back	15	1	1	509202	2546.01	24.63	25.5	0.146	0.178	
Back	15	1	1	518598	2592.99	24.67	25.5	0.181	0.219	
Back	15	1	1	528000	2640	24.62	25.5	0.079	0.096	
Back	15	135	67	518598	2592.99	23.49	24	0.147	0.165	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.3±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: NR n48_40M_QPSK_ANT 1										
Front	10	1	1	641666	3624.99	24.49	25.5	0.036	0.045	
Right-side	10	1	1	641666	3624.99	24.49	25.5	0.041	0.052	
Bottom	10	1	1	638000	3570	24.45	25.5	0.051	0.065	
Bottom	10	1	1	641666	3624.99	24.49	25.5	0.055	0.070	934
Bottom	10	1	1	645332	3679.98	24.48	25.5	0.049	0.062	
Bottom	10	108	54	641666	3624.99	23.48	24.5	0.044	0.056	
Test Mode: NR n48_40M_QPSK_ANT 3_DSI0										
Front	10	1	1	641666	3624.99	20.38	21.5	0.021	0.027	
Right-side	10	1	1	641666	3624.99	20.38	21.5	0.025	0.032	
Bottom	10	1	1	638000	3570	20.32	21.5	0.025	0.032	
Bottom	10	1	1	641666	3624.99	20.38	21.5	0.044	0.057	
Bottom	10	1	1	645332	3679.98	20.35	21.5	0.043	0.056	
Bottom	10	108	54	641666	3624.99	20.28	21.5	0.039	0.052	
Test Mode: NR n48_40M_QPSK_ANT 3_DSI1										
Back	30	1	1	638000	3570	24.45	25.5	0.067	0.085	
Back	30	1	1	641666	3624.99	24.49	25.5	0.165	0.208	94
Back	30	1	1	645332	3679.98	24.48	25.5	0.164	0.207	
Back	30	108	54	641666	3624.99	23.48	24.5	0.163	0.206	
Right-side	30	1	1	641666	3624.99	24.49	25.5	0.027	0.033	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 23±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.2±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: NR n66_40M_QPSK_ANT 0_DSI0										
Front	10	1	1	349000	1745	16.48	16.5	0.043	0.043	
Right-side	10	1	1	346000	1730	16.43	16.5	0.142	0.144	
Right-side	10	1	1	349000	1745	16.48	16.5	0.177	0.178	
Right-side	10	1	1	352000	1760	16.47	16.5	0.153	0.154	
Right-side	10	108	54	349000	1745	16.38	16.5	0.133	0.137	
Top	10	1	1	349000	1745	16.48	16.5	0.030	0.030	
Test Mode: NR n66_40M_QPSK_ANT 0_DSI1										
Back	30	1	1	346000	1730	22.91	23	0.281	0.287	
Back	30	1	1	349000	1745	22.96	23	0.369	0.372	77
Back	30	1	1	352000	1760	22.95	23	0.349	0.353	
Back	30	108	54	349000	1745	22.48	22.5	0.363	0.365	
Right-side	30	1	1	349000	1745	22.46	23	0.189	0.214	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.8±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.2±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: NR n70_15M_QPSK_ANT 0_DSI0										
Front	10	1	1	340500	1702.5	15.95	16.5	0.023	0.026	
Right-side	10	1	1	340500	1702.5	15.95	16.5	0.166	0.188	
Right-side	10	36	18	340500	1702.5	15.77	15.5	0.154	0.145	
Top	10	1	1	340500	1702.5	15.95	16.5	0.013	0.015	
Test Mode: NR n70_15M_QPSK_ANT 0_DSI1										
Back	30	1	1	340500	1702.5	22.38	23	0.246	0.284	75
Back	30	36	18	340500	1702.5	22.27	22.5	0.228	0.240	
Right-side	30	1	1	340500	1702.5	22.38	23	0.135	0.156	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 23.1±2							Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.2±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: NR n71_20M_QPSK_ANT 0_DSI0										
Front	10	1	1	136100	680.5	23.24	23.5	0.021	0.022	
Left-side	10	1	1	136100	680.5	23.24	23.5	0.001	0.001	
Right-side	10	1	1	134600	673	23.21	23.5	0.052	0.056	
Right-side	10	1	1	136100	680.5	23.24	23.5	0.062	0.066	
Right-side	10	1	1	137600	688	23.22	23.5	0.055	0.058	
Right-side	10	50	25	136100	680.5	22.48	22.5	0.042	0.042	
Top	10	1	1	136100	680.5	23.24	23.5	0.021	0.023	
Bottom	10	1	1	136100	680.5	23.24	23.5	0.001	0.001	
Test Mode: NR n71_20M_QPSK_ANT 0_DSI1										
Back	30	1	1	134600	673	24.51	25.5	0.051	0.064	
Back	30	1	1	136100	680.5	24.54	25.5	0.065	0.081	1140
Back	30	1	1	137600	688	24.52	25.5	0.050	0.063	
Back	30	50	25	136100	680.5	23.78	24.5	0.057	0.067	
Right-side	30	1	1	136100	680.5	25.46	25.5	0.015	0.015	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9±2							Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.1±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: NR n77_100M_QPSK_ANT 1_HPUE_DSI0										
Front	10	1	1	656000	3840	22.97	23	0.002	0.002	
Left-side	10	1	1	656000	3840	22.97	23	0.002	0.002	
Bottom	10	1	1	633334	3500.01	22.82	23	0.004	0.004	
Bottom	10	1	1	650000	3750	22.91	23	0.004	0.004	
Bottom	10	1	1	656000	3840	22.97	23	0.005	0.006	
Bottom	10	1	1	662000	3930	22.93	23	0.004	0.004	
Bottom	10	135	67	656000	3840	22.46	22.5	0.004	0.004	
Test Mode: NR n77_100M_QPSK_ANT 1_DSI1										
Front	10	1	1	656000	3840	22.98	23	0.001	0.001	
Left-side	10	1	1	656000	3840	22.98	23	0.003	0.003	
Bottom	10	1	1	633334	3500.01	22.81	23	0.003	0.004	
Bottom	10	1	1	650000	3750	22.94	23	0.003	0.004	
Bottom	10	1	1	656000	3840	22.98	23	0.005	0.005	
Bottom	10	1	1	662000	3930	22.95	23	0.005	0.005	
Bottom	10	135	67	656000	3840	22.48	22.5	0.004	0.004	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.8 ±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.2±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: NR n77_100M_QPSK_ANT 2_HPUE_DSI0										
Front	10	1	1	656000	3840	17.34	17.5	0.027	0.028	
Left-side	10	1	1	633334	3500.01	17.23	17.5	0.061	0.065	
Left-side	10	1	1	650000	3750	17.38	17.5	0.066	0.068	
Left-side	10	1	1	656000	3840	17.34	17.5	0.069	0.071	
Left-side	10	1	1	662000	3930	17.32	17.5	0.065	0.068	
Left-side	10	135	67	656000	3840	17.21	17.5	0.061	0.065	
Top	10	1	1	656000	3840	17.34	17.5	0.033	0.034	
Test Mode: NR n77_100M_QPSK_ANT 2_HPUE_DSI1										
Back	15	1	1	633334	3500.01	22.82	23	0.074	0.077	
Back	15	1	1	650000	3750	22.91	23	0.082	0.084	
Back	15	1	1	656000	3840	22.97	23	0.097	0.098	
Back	15	1	1	662000	3930	22.93	23	0.088	0.089	
Back	15	135	67	650000	3750	22.46	22.5	0.087	0.088	
Left-side	15	1	1	656000	3840	22.97	23	0.074	0.075	
Test Mode: NR n77_100M_QPSK_ANT 2_DSI0										
Front	10	1	1	656000	3840	17.37	17.5	0.026	0.027	
Left-side	10	1	1	633334	3500.01	17.25	17.5	0.059	0.062	
Left-side	10	1	1	650000	3750	17.36	17.5	0.066	0.068	
Left-side	10	1	1	656000	3840	17.37	17.5	0.069	0.071	
Left-side	10	1	1	662000	3930	17.35	17.5	0.066	0.068	
Left-side	10	135	67	656000	3840	17.25	17.5	0.056	0.059	
Top	10	1	1	656000	3840	17.37	17.5	0.032	0.033	
Test Mode: NR n77_100M_QPSK_ANT 2_DSI1										
Back	15	1	1	633334	3500.01	22.81	23	0.066	0.069	
Back	15	1	1	650000	3750	22.94	23	0.073	0.074	
Back	15	1	1	656000	3840	22.98	23	0.094	0.094	
Back	15	1	1	662000	3930	22.95	23	0.087	0.088	
Back	15	135	67	650000	3750	22.48	22.5	0.082	0.082	
Left-side	15	1	1	656000	3840	22.98	23	0.065	0.065	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.8±2							Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.3±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: NR n77_100M_QPSK_ANT 3_HPUE_DSI0										
Front	10	1	1	656000	3840	17.34	17.5	0.002	0.002	
Right-side	10	1	1	656000	3840	17.34	17.5	0.006	0.006	
Bottom	10	1	1	633334	3500.01	17.23	17.5	0.007	0.007	
Bottom	10	1	1	650000	3750	17.38	17.5	0.008	0.008	
Bottom	10	1	1	656000	3840	17.34	17.5	0.010	0.011	
Bottom	10	1	1	662000	3930	17.32	17.5	0.010	0.011	
Bottom	10	135	67	656000	3840	17.21	17.5	0.008	0.008	
Test Mode: NR n77_100M_QPSK_ANT 3_HPUE_DSI1										
Back	30	1	1	633334	3500.01	22.82	23	0.174	0.181	
Back	30	1	1	650000	3750	22.91	23	0.193	0.197	
Back	30	1	1	656000	3840	22.97	23	0.350	0.352	90
Back	30	1	1	662000	3930	22.93	23	0.302	0.307	
Back	30	135	67	650000	3750	22.46	22.5	0.250	0.252	
Right-side	30	1	1	656000	3840	22.97	23	0.045	0.046	
Test Mode: NR n77_100M_QPSK_ANT 3_DSI0										
Front	10	1	1	656000	3840	17.37	17.5	0.002	0.002	
Right-side	10	1	1	656000	3840	17.37	17.5	0.006	0.006	
Bottom	10	1	1	633334	3500.01	17.25	17.5	0.007	0.007	
Bottom	10	1	1	650000	3750	17.36	17.5	0.008	0.008	
Bottom	10	1	1	656000	3840	17.37	17.5	0.010	0.010	
Bottom	10	1	1	662000	3930	17.35	17.5	0.007	0.008	
Bottom	10	135	67	656000	3840	17.25	17.5	0.008	0.008	
Test Mode: NR n77_100M_QPSK_ANT 3_DSI1										
Back	30	1	1	633334	3500.01	22.81	23	0.170	0.178	
Back	30	1	1	650000	3750	22.94	23	0.186	0.189	
Back	30	1	1	656000	3840	22.98	23	0.335	0.337	
Back	30	1	1	662000	3930	22.95	23	0.296	0.299	
Back	30	135	67	650000	3750	22.48	22.5	0.244	0.245	
Right-side	30	1	1	656000	3840	22.98	23	0.043	0.043	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.8±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.2±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: NR n78_100M_QPSK_ANT 1_HPUE										
Front	10	1	1	650000	3750	22.31	22.5	0.012	0.013	
Left-side	10	1	1	650000	3750	22.31	22.5	0.013	0.014	
Bottom	10	1	1	633334	3500.01	22.15	22.5	0.033	0.036	
Bottom	10	1	1	650000	3750	22.31	22.5	0.035	0.037	
Bottom	10	135	67	650000	3750	22.16	22.5	0.011	0.012	
Test Mode: NR n78_100M_QPSK_ANT 1										
Front	10	1	1	650000	3750	22.29	22.5	0.011	0.012	
Left-side	10	1	1	650000	3750	22.29	22.5	0.012	0.013	
Bottom	10	1	1	633334	3500.01	22.13	22.5	0.032	0.035	
Bottom	10	1	1	650000	3750	22.29	22.5	0.035	0.036	
Bottom	10	135	67	650000	3750	22.18	22.5	0.029	0.031	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9 ±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.2 ±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: NR n78_100M_QPSK_ANT 2_HPUE_DSI0										
Front	10	1	1	650000	3750	17.47	18	0.018	0.020	
Left-side	10	1	1	633334	3500.01	17.33	18	0.061	0.071	
Left-side	10	1	1	650000	3750	17.47	18	0.068	0.077	
Left-side	10	135	67	650000	3750	17.35	18	0.061	0.071	
Top	10	1	1	650000	3750	17.47	18	0.018	0.020	
Test Mode: NR n78_100M_QPSK_ANT 2_HPUE_DSI1										
Back	15	1	1	633334	3500.01	22.15	22.5	0.047	0.051	
Back	15	1	1	650000	3750	22.31	22.5	0.064	0.066	
Back	15	135	67	650000	3750	22.16	22.5	0.053	0.057	
Left-side	15	1	1	650000	3750	22.31	22.5	0.049	0.051	
Test Mode: NR n78_100M_QPSK_ANT 2_DSI0										
Front	10	1	1	650000	3750	17.49	18	0.017	0.019	
Left-side	10	1	1	633334	3500.01	17.35	18	0.059	0.069	
Left-side	10	1	1	650000	3750	17.49	18	0.066	0.074	
Left-side	10	135	67	650000	3750	17.38	18	0.059	0.068	
Top	10	1	1	650000	3750	17.45	18	0.018	0.020	
Test Mode: NR n78_100M_QPSK_ANT 2_DSI1										
Back	15	1	1	633334	3500.01	22.13	22.5	0.047	0.051	
Back	15	1	1	650000	3750	22.29	22.5	0.063	0.066	
Back	15	135	67	650000	3750	22.18	22.5	0.051	0.055	
Left-side	15	1	1	650000	3750	22.29	22.5	0.043	0.045	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.1±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-1g	Scaled-1g	
Test Mode: NR n78_100M_QPSK_ANT 3_HPUE_DSI0										
Front	10	1	1	650000	3750	17.47	18	0.003	0.004	
Right-side	10	1	1	650000	3750	17.47	18	0.004	0.005	
Bottom	10	1	1	633334	3500.01	17.33	18	0.018	0.021	
Bottom	10	1	1	650000	3750	17.47	18	0.020	0.023	
Bottom	10	135	67	650000	3750	17.35	18	0.018	0.021	
Test Mode: NR n78_100M_QPSK_ANT 3_HPUE_DSI1										
Back	30	1	1	633334	3500.01	22.15	22.5	0.263	0.285	
Back	30	1	1	650000	3750	22.31	22.5	0.281	0.294	464
Back	30	135	67	650000	3750	22.16	22.5	0.260	0.281	
Right-side	30	1	1	650000	3750	22.31	22.5	0.054	0.056	
Test Mode: NR n78_100M_QPSK_ANT 3_DSI0										
Front	10	1	1	650000	3750	17.49	18	0.003	0.004	
Right-side	10	1	1	650000	3750	17.49	18	0.004	0.005	
Bottom	10	1	1	633334	3500.01	17.35	18	0.014	0.016	
Bottom	10	1	1	650000	3750	17.49	18	0.015	0.017	
Bottom	10	135	67	650000	3750	17.38	18	0.014	0.016	
Test Mode: NR n78_100M_QPSK_ANT 3_DSI1										
Back	30	1	1	633334	3500.01	22.13	22.5	0.257	0.280	
Back	30	1	1	650000	3750	22.29	22.5	0.275	0.289	715
Back	30	135	67	650000	3750	22.18	22.5	0.243	0.262	
Right-side	30	1	1	650000	3750	22.29	22.5	0.051	0.054	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT								
Ambient Temperature (°C): 22.8±2					Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.1±2					Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
		Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: WLAN2.4GHz_802.11ax20-HE0_Ant Main								
Front	0	6	2437	19.63	20	0.061	0.067	
Back	0	6	2437	19.63	20	0.336	0.370	
Right-side	0	6	2437	19.63	20	0.238	0.262	
Top	0	6	2437	19.63	20	0.193	0.212	
Test Mode: WLAN2.4GHz_802.11b-1M_Ant Main								
Back	0	11	2462	18.87	19	0.310	0.323	
Test Mode: WLAN2.4GHz_802.11b-1M_Ant Aux								
Front	0	11	2462	20.95	21	0.184	0.188	
Back	0	1	2412	19.35	19.5	0.533	0.557	
Back	0	6	2437	19.67	20	0.727	0.792	
Back	0	11	2462	20.95	21	1.060	1.083	621
Left-side	0	11	2462	20.95	21	0.129	0.132	
Top	0	11	2462	20.95	21	0.190	0.194	
Test Mode: Bluetooth_BT-1M_Ant Aux								
Front	0	78	2480	14.86	15	0.050	0.067	
Back	0	78	2480	14.86	15	0.223	0.299	623
Left-side	0	78	2480	14.86	15	0.035	0.047	
Top	0	78	2480	14.86	15	0.043	0.058	

Note:

- When the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 3.0 W/kg, SAR is not required.
- When the reported SAR of the highest measured maximum output power channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in that exposure configuration.

SAR MEASUREMENT								
Ambient Temperature (°C): 22.9±2					Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.2±2					Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
		Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: WLAN5GHz_802.11ax80-HE0_Ant Main								
Front	0	58	5290	11.65	12	0.018	0.020	
Back	0	58	5290	11.65	12	0.215	0.235	
Right-side	0	58	5290	11.65	12	0.053	0.058	
Top	0	58	5290	11.65	12	0.038	0.042	
Test Mode: WLAN5GHz_802.11ac80-VHT0_Ant Aux								
Front	0	58	5290	12.95	13	0.034	0.035	
Back	0	58	5290	12.95	13	0.513	0.524	624
Left-side	0	58	5290	12.95	13	0.020	0.021	
Top	0	58	5290	12.95	13	0.097	0.099	
Test Mode: WLAN5GHz_802.11a-6M_Ant Main								
Front	0	116	5580	10.01	10.5	0.037	0.042	
Back	0	116	5580	10.01	10.5	0.221	0.250	
Right-side	0	116	5580	10.01	10.5	0.104	0.118	
Top	0	116	5580	10.01	10.5	0.117	0.132	
Test Mode: WLAN5GHz_802.11ax80-HE0_Ant Aux								
Front	0	106	5530	12.72	13	0.019	0.020	
Back	0	106	5530	12.72	13	0.387	0.417	625
Back	0	122	5610	12.75	13	0.357	0.382	
Left-side	0	106	5530	12.72	13	0.027	0.029	
Top	0	106	5530	12.72	13	0.125	0.135	
Test Mode: WLAN5GHz_802.11n20-HT0_Ant Main								
Front	0	149	5745	9.71	10	0.031	0.033	
Back	0	149	5745	9.71	10	0.186	0.201	
Right-side	0	149	5745	9.71	10	0.056	0.060	
Top	0	149	5745	9.71	10	0.065	0.070	
Test Mode: WLAN5GHz_802.11ax80-HE0_Ant Aux								
Front	0	155	5775	12.67	13	0.028	0.031	
Back	0	155	5775	12.67	13	0.335	0.365	644
Left-side	0	155	5775	12.67	13	0.018	0.020	
Top	0	155	5775	12.67	13	0.157	0.171	

Note:

- When the reported SAR of the highest measured maximum output power channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in that exposure configuration.
- When multiple transmission modes have the same specified maximum output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected.
- When the reported SAR of the highest measured maximum U-NII-2A for the exposure configuration is ≤ 3.0 W/kg, SAR is not required for U-NII-1 band.

SAR MEASUREMENT								
Ambient Temperature (°C): 22.9±2					Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.3±2					Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
		Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: WCDMA B2_RMC_ANT 0_DSI0								
Front	0	9400	1880	14.99	15.5	0.035	0.039	
Back	0	9262	1852.4	14.83	15.5	0.220	0.257	
Back	0	9400	1880	14.99	15.5	0.239	0.269	234
Back	0	9538	1907.6	14.87	15.5	0.201	0.232	
Right-side	0	9400	1880	14.99	15.5	0.168	0.189	
Top	0	9400	1880	14.99	15.5	0.004	0.004	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT								
Ambient Temperature (°C): 22.8±2					Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.2±2					Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
		Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: WCDMA B4_RMC_ANT 0_DSI0								
Front	0	1413	1732.6	16.32	16.5	0.040	0.042	
Back	0	1413	1732.6	16.32	16.5	0.315	0.328	
Right-side	0	1312	1712.4	16.16	16.5	0.406	0.439	
Right-side	0	1413	1732.6	16.32	16.5	0.431	0.449	767
Right-side	0	1513	1752.6	16.25	16.5	0.405	0.429	
Top	0	1413	1732.6	16.32	16.5	0.027	0.028	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT								
Ambient Temperature (°C): 22.9±2					Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.3±2					Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
		Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: WCDMA B5_RMC_ANT 0								
Front	0	4183	836.6	23.68	24.5	0.176	0.213	
Back	0	4183	836.6	23.68	24.5	0.303	0.366	
Right-side	0	4132	826.4	23.55	24.5	0.528	0.657	
Right-side	0	4183	836.6	23.68	24.5	0.549	0.663	238
Right-side	0	4233	846.6	23.29	24.5	0.432	0.571	
Top	0	4183	836.6	23.68	24.5	0.135	0.163	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.8±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.3±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: LTE Band 2_20M_QPSK_ANT 0_DSI0										
Front	0	1	0	18900	1880	15.95	16	0.033	0.034	
Back	0	1	0	18700	1860	15.91	16	0.293	0.299	
Back	0	1	0	18900	1880	15.95	16	0.316	0.320	182
Back	0	1	0	19100	1900	15.92	16	0.291	0.296	
Back	0	50	0	18900	1880	15.60	16	0.289	0.317	
Right-side	0	1	0	18900	1880	15.95	16	0.194	0.196	
Top	0	1	0	18900	1880	15.95	16	0.001	0.001	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.8±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.2±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: LTE Band 4_20M_QPSK_ANT 0_DSI0										
Front	0	1	0	20175	1732.5	16.48	16.5	0.033	0.033	
Back	0	1	0	20175	1732.5	16.48	16.5	0.227	0.228	
Right-side	0	1	0	20050	1720	16.45	16.5	0.330	0.334	
Right-side	0	1	0	20175	1732.5	16.48	16.5	0.358	0.360	516
Right-side	0	1	0	20300	1745	16.39	16.5	0.347	0.356	
Right-side	0	50	0	20175	1732.5	16.38	16.5	0.246	0.253	
Top	0	1	0	20175	1732.5	16.48	16.5	0.010	0.010	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9 ±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.3±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: LTE Band 5_10M_QPSK_ANT 0										
Front	0	1	0	20525	836.5	23.67	24.5	0.397	0.481	
Back	0	1	0	20525	836.5	23.67	24.5	0.349	0.422	
Right-side	0	1	0	20450	829	23.57	24.5	0.498	0.617	
Right-side	0	1	0	20525	836.5	23.67	24.5	0.568	0.688	127
Right-side	0	1	0	20600	844	23.27	24.5	0.477	0.633	
Right-side	0	25	0	20525	836.5	21.77	23.5	0.415	0.618	
Top	0	1	0	20525	836.5	23.67	24.5	0.129	0.156	
Test Mode: LTE Band 5B_10M_QPSK_ANT 0										
Right-side	0	1	0	20476	831.6	23.56	24.5	0.476	0.591	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.8±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.2±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: LTE Band 7_20M_QPSK_ANT 0_DSI0										
Front	0	1	0	21100	2535	22.48	22.5	0.174	0.175	
Back	0	1	0	21100	2535	22.48	22.5	0.721	0.724	
Right-side	0	1	0	20850	2510	22.41	22.5	0.978	0.998	
Right-side	0	1	0	21100	2535	22.48	22.5	1.160	1.165	519
Right-side	0	1	0	21350	2560	22.45	22.5	1.100	1.113	
Right-side	0	50	0	21100	2535	21.44	21.5	1.140	1.156	
Top	0	1	0	21100	2535	22.48	22.5	0.059	0.059	
Test Mode: LTE Band 7C_20M_QPSK_ANT 0_DSI0										
Right-side	0	1	0	21001	2525.1	22.12	22.5	0.986	1.076	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.1±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: LTE Band 12_10M_QPSK_ANT 0										
Front	0	1	0	23095	707.5	22.39	24	0.155	0.225	
Back	0	1	0	23095	707.5	22.39	24	0.298	0.432	
Right-side	0	1	0	23060	704	22.38	24	0.392	0.569	
Right-side	0	1	0	23095	707.5	22.39	24	0.449	0.650	124
Right-side	0	1	0	23130	711	22.37	24	0.413	0.601	
Right-side	0	25	0	23095	707.5	21.51	23	0.323	0.455	
Top	0	1	0	23095	707.5	22.39	24	0.081	0.118	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

2. LTE Band 17 (704-716MHz) is covered by LTE Band 12 (699-716MHz)

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.1±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: LTE Band 13_10M_QPSK_ANT 0										
Front	0	1	0	23230	782	22.67	24.5	0.304	0.463	
Back	0	1	0	23230	782	22.67	24.5	0.349	0.532	
Right-side	0	1	0	23230	782	22.67	24.5	0.556	0.847	125
Right-side	0	25	0	23230	782	21.69	23.5	0.452	0.686	
Top	0	1	0	23230	782	22.67	24.5	0.124	0.189	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.1±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: LTE Band 14_10M_QPSK_ANT 0										
Front	0	1	0	23330	793	22.56	24	0.312	0.435	
Back	0	1	0	23330	793	22.56	24	0.356	0.496	
Right-side	0	1	0	23330	793	22.56	24	0.569	0.793	126
Right-side	0	25	0	23330	793	21.62	23	0.425	0.584	
Top	0	1	0	23330	793	22.56	24	0.120	0.167	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.8±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.3±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: LTE Band 25_20M_QPSK_ANT 0_DSI0										
Front	0	1	0	26365	1882.5	16.95	17.5	0.051	0.057	
Back	0	1	0	26140	1860	16.92	17.5	0.422	0.482	
Back	0	1	0	26365	1882.5	16.95	17.5	0.426	0.484	183
Back	0	1	0	26590	1905	16.94	17.5	0.400	0.455	
Back	0	50	0	26365	1882.5	16.91	17.5	0.418	0.479	
Right-side	0	1	0	26365	1882.5	16.95	17.5	0.273	0.310	
Top	0	1	0	26365	1882.5	16.95	17.5	0.004	0.005	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9 ±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.3±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: LTE Band 26_15M_QPSK_ANT 0										
Front	0	1	0	26865	831.5	23.04	24	0.364	0.454	
Back	0	1	0	26865	831.5	23.04	24	0.318	0.397	
Right-side	0	1	0	26765	821.5	22.91	24	0.425	0.546	
Right-side	0	1	0	26865	831.5	23.04	24	0.526	0.656	128
Right-side	0	1	0	26965	841.5	22.50	24	0.385	0.544	
Right-side	0	36	0	26865	831.5	21.93	22.5	0.389	0.444	
Top	0	1	0	26865	831.5	23.04	24	0.117	0.146	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.8 ±2							Relative Humidity (%):57%			
Liquid Temperature (°C): 22.3±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: LTE Band 41_20M_QPSK_ANT 0_HPUE_DSI0										
Front	0	1	0	40620	2593	23.93	24	0.085	0.087	
Back	0	1	0	39750	2506	23.90	24	0.314	0.324	
Back	0	1	0	40620	2593	23.93	24	0.337	0.346	522
Back	0	1	0	41490	2680	23.92	24	0.316	0.325	
Back	0	50	0	40620	2593	23.91	24	0.260	0.268	
Right-side	0	1	0	40620	2593	23.93	24	0.173	0.177	
Top	0	1	0	40620	2593	23.93	24	0.050	0.051	
Test Mode: LTE Band 41C_20M_QPSK_ANT 0_HPUE_DSI0										
Back	0	1	0	40521	2583.1	23.83	24	0.310	0.325	
Test Mode: LTE Band 41_20M_QPSK_ANT 0										
Front	0	1	0	40620	2593	23.95	24	0.079	0.080	
Back	0	1	0	39750	2506	23.92	24	0.316	0.324	
Back	0	1	0	40620	2593	23.95	24	0.331	0.337	
Back	0	1	0	41490	2680	23.94	24	0.317	0.323	
Back	0	50	0	40620	2593	23.88	24	0.258	0.267	
Right-side	0	1	0	40620	2593	23.95	24	0.167	0.170	
Top	0	1	0	40620	2593	23.95	24	0.047	0.048	
Test Mode: LTE Band 41C_20M_QPSK_ANT 0										
Back	0	1	0	40521	2583.1	23.83	24	0.304	0.319	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.3±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: LTE Band 42_20M_QPSK_ANT 3_HPUE_DSIO										
Front	0	1	0	42590	3500	17.50	17.5	0.025	0.025	
Back	0	1	0	41690	3410	17.42	17.5	0.302	0.310	
Back	0	1	0	42590	3500	17.50	17.5	0.355	0.358	701
Back	0	1	0	43490	3590	17.49	17.5	0.306	0.309	
Back	0	50	0	42590	3500	17.29	17.5	0.311	0.329	
Right-side	0	1	0	42590	3500	17.50	17.5	0.040	0.040	
Bottom	0	1	0	42590	3500	17.50	17.5	0.019	0.019	
Test Mode: LTE Band 42_20M_QPSK_ANT 3_DSIO										
Front	0	1	0	42590	3500	17.49	17.5	0.022	0.022	
Back	0	1	0	41690	3410	17.41	17.5	0.285	0.293	
Back	0	1	0	42590	3500	17.49	17.5	0.348	0.351	
Back	0	1	0	43490	3590	17.47	17.5	0.294	0.298	
Back	0	50	0	42590	3500	17.31	17.5	0.278	0.292	
Right-side	0	1	0	42590	3500	17.49	17.5	0.036	0.036	
Bottom	0	1	0	42590	3500	17.49	17.5	0.017	0.017	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9±2							Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.2±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: LTE Band 48_20M_QPSK_ANT 3_DSIO										
Front	0	1	0	55990	3625	16.43	17.5	0.014	0.017	
Back	0	1	0	55340	3560	16.38	17.5	0.321	0.418	
Back	0	1	0	55990	3625	16.43	17.5	0.354	0.456	206
Back	0	1	0	56640	3690	16.35	17.5	0.333	0.437	
Back	0	50	0	55990	3625	16.31	16.5	0.341	0.358	
Right-side	0	1	0	55990	3625	16.43	17.5	0.022	0.028	
Bottom	0	1	0	55990	3625	16.43	17.5	0.018	0.023	
Test Mode: LTE Band 48C_20M_QPSK_ANT 3										
Back	0	1	0	55891	3615.1	16.38	17.5	0.342	0.445	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 23±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.2±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: LTE Band 66_20M_QPSK_ANT 0_DSI0										
Front	0	1	0	132322	1745	16.47	16.5	0.046	0.046	
Back	0	1	0	132072	1720	16.44	16.5	0.412	0.418	
Back	0	1	0	132322	1745	16.47	16.5	0.484	0.487	688
Back	0	1	0	132572	1770	16.44	16.5	0.399	0.405	
Back	0	50	0	132322	1745	16.38	16.5	0.397	0.408	
Right-side	0	1	0	132322	1745	16.47	16.5	0.250	0.252	
Top	0	1	0	132322	1745	16.47	16.5	0.006	0.006	
Test Mode: LTE Band 66B_20M_QPSK_ANT 0_DSI0										
Back	0	1	0	132373	1750.1	16.29	16.5	0.394	0.414	
Test Mode: LTE Band 66C_20M_QPSK_ANT 0_DSI0										
Back	0	1	0	132373	1750.1	16.28	16.5	0.390	0.410	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.1±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: LTE Band 71_20M_QPSK_ANT 0_DSIO										
Front	0	1	0	133322	683	22.85	24	0.085	0.111	
Back	0	1	0	133322	683	22.85	24	0.208	0.271	
Right-side	0	1	0	133222	673	22.80	24	0.280	0.369	
Right-side	0	1	0	133322	683	22.85	24	0.308	0.401	123
Right-side	0	1	0	133372	688	22.82	24	0.304	0.399	
Right-side	0	50	0	133322	683	21.85	23	0.244	0.318	
Top	0	1	0	133322	683	22.85	24	0.043	0.056	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.8±2							Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.1±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: NR n5_20M_QPSK_ANT 0_DSI0										
Front	0	1	1	167300	836.5	23.95	24	0.172	0.174	
Back	0	1	1	167300	836.5	23.95	24	0.220	0.223	
Right-side	0	1	1	166800	834	23.91	24	0.569	0.581	
Right-side	0	1	1	167300	836.5	23.95	24	0.589	0.596	116
Right-side	0	1	1	167800	839	23.92	24	0.514	0.524	
Right-side	0	50	25	167300	836.5	22.94	23	0.574	0.582	
Top	0	1	1	167300	836.5	23.95	24	0.101	0.102	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9 ±2							Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.1±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: NR n7_40M_QPSK_ANT 0_DSI0										
Front	0	1	1	507000	2535	22.39	22.5	0.140	0.144	
Back	0	1	1	507000	2535	22.39	22.5	0.601	0.616	
Right-side	0	1	1	504000	2520	22.32	22.5	0.872	0.909	
Right-side	0	1	1	507000	2535	22.39	22.5	0.904	0.927	120
Right-side	0	1	1	510000	2550	22.35	22.5	0.893	0.924	
Right-side	0	108	54	507000	2535	22.25	22.5	0.849	0.899	
Top	0	1	1	507000	2535	22.39	22.5	0.049	0.050	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 23.1±2							Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.2±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: NR n12_15M_QPSK_ANT 0_DSI0										
Front	0	1	1	141500	707.5	23.46	23.5	0.066	0.067	
Back	0	1	1	141500	707.5	23.46	23.5	0.339	0.342	
Right-side	0	1	1	141300	706.5	23.43	23.5	0.435	0.442	
Right-side	0	1	1	141500	707.5	23.46	23.5	0.449	0.453	113
Right-side	0	1	1	141700	708.5	23.44	23.5	0.408	0.414	
Right-side	0	36	18	141500	707.5	22.97	23	0.403	0.406	
Top	0	1	1	141500	707.5	23.46	23.5	0.063	0.064	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 23.1±2							Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.2±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: NR n13_10M_QPSK_ANT 0_DSI0										
Front	0	1	1	156400	782	23.51	24.5	0.118	0.148	
Back	0	1	1	156400	782	23.51	24.5	0.360	0.452	
Right-side	0	1	1	156400	782	23.51	24.5	0.614	0.771	114
Right-side	0	25	12	156400	782	22.58	23.5	0.535	0.661	
Top	0	1	1	156400	782	23.51	24.5	0.083	0.104	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 23.1±2							Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.2±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: NR n14_10M_QPSK_ANT 0_DSI0										
Front	0	1	1	158600	793	23.77	24.5	0.115	0.136	
Back	0	1	1	158600	793	23.77	24.5	0.358	0.424	
Right-side	0	1	1	158600	793	23.77	24.5	0.622	0.736	115
Right-side	0	25	12	158600	793	22.61	23.5	0.538	0.660	
Top	0	1	1	158600	793	23.77	24.5	0.100	0.118	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9±2							Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.3 ±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: NR n25_40M_QPSK_ANT 0_DSI0										
Front	0	1	1	376500	1882.5	17.25	17.5	0.064	0.068	
Back	0	1	1	374000	1870	17.21	17.5	0.305	0.326	
Back	0	1	1	376500	1882.5	17.25	17.5	0.312	0.330	502
Back	0	1	1	379000	1895	17.22	17.5	0.308	0.329	
Back	0	108	54	376500	1882.5	17.15	17.5	0.296	0.321	
Right-side	0	1	1	376500	1882.5	17.25	17.5	0.270	0.286	
Top	0	1	1	376500	1882.5	17.25	17.5	0.007	0.007	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

2. NR n2 (1850-1910 MHz) is covered by NR n25 (1850 -1915 MHz)

SAR MEASUREMENT										
Ambient Temperature (°C): 22.8±2							Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.1±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: NR n26_20M_QPSK_ANT 0_DSI0										
Front	0	1	1	166300	831.5	23.87	24	0.168	0.173	
Back	0	1	1	166300	831.5	23.87	24	0.201	0.207	
Right-side	0	1	1	164800	824	23.82	24	0.599	0.624	
Right-side	0	1	1	166300	831.5	23.87	24	0.623	0.642	117
Right-side	0	1	1	167800	839	23.85	24	0.609	0.630	
Right-side	0	50	25	166300	831.5	22.95	23	0.511	0.517	
Top	0	1	1	166300	831.5	23.87	24	0.104	0.107	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 23.1±2							Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.2 ±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: NR n30_10M_QPSK_ANT 0_DSI0										
Front	0	1	26	462000	2310	20.45	20.5	0.056	0.057	
Back	0	1	26	462000	2310	20.45	20.5	0.452	0.457	
Right-side	0	1	26	462000	2310	20.45	20.5	0.719	0.727	511
Right-side	0	25	12	462000	2310	20.31	20.5	0.691	0.722	
Top	0	1	26	462000	2310	20.45	20.5	0.045	0.046	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.8±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.2±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: NR n41_100M_QPSK_ANT 0_HPUE_DSI0										
Front	0	1	1	518598	2592.99	24.10	24.5	0.050	0.055	
Back	0	1	1	518598	2592.99	24.10	24.5	0.228	0.250	
Right-side	0	1	1	509202	2546.01	24.04	24.5	0.291	0.324	
Right-side	0	1	1	518598	2592.99	24.10	24.5	0.297	0.326	
Right-side	0	1	1	528000	2640	24.06	24.5	0.273	0.302	
Right-side	0	135	67	518598	2506.02	23.98	24	0.292	0.293	
Top	0	1	1	518598	2592.99	24.10	24.5	0.041	0.045	
Test Mode: NR n41_100M_QPSK_ANT 0_DSI0										
Front	0	1	1	518598	2592.99	24.08	24.5	0.048	0.053	
Back	0	1	1	518598	2592.99	24.08	24.5	0.218	0.240	
Right-side	0	1	1	509202	2546.01	24.02	24.5	0.289	0.323	
Right-side	0	1	1	518598	2592.99	24.08	24.5	0.294	0.324	
Right-side	0	1	1	528000	2640	24.05	24.5	0.271	0.301	
Right-side	0	135	67	518598	2592.99	23.99	24	0.300	0.301	
Top	0	1	1	518598	2592.99	24.08	24.5	0.037	0.041	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9±2							Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.1±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: NR n41_100M_QPSK_ANT 2_HPUE_DSI0										
Front	0	1	1	518598	2592.99	24.10	24.5	0.016	0.018	
Back	0	1	1	518598	2592.99	24.10	24.5	0.197	0.216	
Left-side	0	1	1	509202	2546.01	24.04	24.5	0.344	0.382	
Left-side	0	1	1	518598	2592.99	24.10	24.5	0.411	0.451	449
Left-side	0	1	1	528000	2640	24.06	24.5	0.253	0.280	
Left-side	0	135	67	518598	2592.99	23.98	24	0.401	0.403	
Top	0	1	1	518598	2592.99	24.10	24.5	0.021	0.023	
Test Mode: NR n41_100M_QPSK_ANT 2_DSI0										
Front	0	1	1	518598	2592.99	24.08	24.5	0.015	0.017	
Back	0	1	1	518598	2592.99	24.08	24.5	0.196	0.216	
Left-side	0	1	1	509202	2546.01	24.02	24.5	0.355	0.396	
Left-side	0	1	1	518598	2592.99	24.08	24.5	0.397	0.437	
Left-side	0	1	1	528000	2640	24.05	24.5	0.358	0.397	
Left-side	0	135	67	518598	2592.99	23.99	24	0.399	0.400	
Top	0	1	1	518598	2592.99	24.08	24.5	0.019	0.021	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.3±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: NR n48_40M_QPSK_ANT 1										
Front	0	1	1	641666	3624.99	24.49	25.5	0.021	0.026	
Back	0	1	1	638000	3570	24.45	25.5	0.284	0.362	
Back	0	1	1	641666	3624.99	24.49	25.5	0.590	0.744	947
Back	0	1	1	645332	3679.98	24.48	25.5	0.582	0.736	
Back	0	108	54	641666	3624.99	23.48	24.5	0.530	0.670	
Right-side	0	1	1	641666	3624.99	24.49	25.5	0.042	0.053	
Bottom	0	1	1	641666	3624.99	24.49	25.5	0.029	0.037	
Test Mode: NR n48_40M_QPSK_ANT 3_DSI0										
Front	0	1	1	641666	3624.99	20.38	21.5	0.022	0.028	
Back	0	1	1	638000	3570	20.32	21.5	0.329	0.432	
Back	0	1	1	641666	3624.99	20.38	21.5	0.392	0.507	
Back	0	1	1	645332	3679.98	20.35	21.5	0.379	0.494	
Back	0	108	54	641666	3624.99	20.28	21.5	0.379	0.502	
Right-side	0	1	1	641666	3624.99	20.38	21.5	0.045	0.058	
Bottom	0	1	1	641666	3624.99	20.38	21.5	0.054	0.070	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 23±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.2±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: NR n66_40M_QPSK_ANT 0_DSI0										
Front	0	1	1	349000	1745	16.48	16.5	0.024	0.024	
Back	0	1	1	346000	1730	16.43	16.5	0.407	0.414	
Back	0	1	1	349000	1745	16.48	16.5	0.429	0.431	498
Back	0	1	1	352000	1760	16.47	16.5	0.408	0.411	
Back	0	108	54	349000	1745	16.38	16.5	0.402	0.413	
Right-side	0	1	1	349000	1745	16.48	16.5	0.365	0.367	
Top	0	1	1	349000	1745	16.48	16.5	0.012	0.012	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.8±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.2±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: NR n70_15M_QPSK_ANT 0_DSI0										
Front	0	1	1	340500	1702.5	15.95	16.5	0.046	0.052	
Back	0	1	1	340500	1702.5	15.95	16.5	0.284	0.322	
Right-side	0	1	1	340500	1702.5	15.95	16.5	0.378	0.429	510
Right-side	0	36	18	340500	1702.5	15.77	15.5	0.282	0.265	
Top	0	1	1	340500	1702.5	15.95	16.5	0.012	0.014	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 23.1±2							Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.2±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: NR n71_20M_QPSK_ANT 0_DSI0										
Front	0	1	1	136100	680.5	23.24	23.5	0.039	0.041	
Back	0	1	1	136100	680.5	23.24	23.5	0.318	0.338	
Right-side	0	1	1	134600	673	23.21	23.5	0.360	0.385	
Right-side	0	1	1	136100	680.5	23.24	23.5	0.373	0.396	112
Right-side	0	1	1	137600	688	23.22	23.5	0.366	0.390	
Right-side	0	50	25	136100	680.5	22.48	22.5	0.368	0.370	
Top	0	1	1	136100	680.5	23.24	23.5	0.029	0.031	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9±2							Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.1±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: NR n77_100M_QPSK_ANT 1_HPUE										
Front	0	1	1	656000	3840	22.97	23	0.013	0.013	
Back	0	1	1	633334	3500.01	22.82	23	0.494	0.515	
Back	0	1	1	650000	3750	22.91	23	0.547	0.558	
Back	0	1	1	656000	3840	22.97	23	0.805	0.811	922
Back	0	1	1	662000	3930	22.93	23	0.632	0.642	
Back	0	135	67	656000	3840	22.46	22.5	0.603	0.609	
Left-side	0	1	1	656000	3840	22.97	23	0.054	0.054	
Bottom	0	1	1	656000	3840	22.97	23	0.031	0.031	
Test Mode: NR n77_100M_QPSK_ANT 1										
Front	0	1	1	656000	3840	22.98	23	0.012	0.012	
Back	0	1	1	633334	3500.01	22.81	23	0.492	0.514	
Back	0	1	1	650000	3750	22.94	23	0.544	0.552	
Back	0	1	1	656000	3840	22.98	23	0.772	0.776	
Back	0	1	1	662000	3930	22.95	23	0.629	0.636	
Back	0	135	67	656000	3840	22.48	22.5	0.599	0.602	
Left-side	0	1	1	656000	3840	22.98	23	0.052	0.052	
Bottom	0	1	1	656000	3840	22.98	23	0.030	0.030	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.8 ±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.2±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: NR n77_100M_QPSK_ANT 2_HPUE_DSI0										
Front	0	1	1	656000	3840	17.34	17.5	0.026	0.027	
Back	0	1	1	656000	3840	17.34	17.5	0.126	0.131	
Left-side	0	1	1	633334	3500.01	17.23	17.5	0.341	0.363	
Left-side	0	1	1	650000	3750	17.38	17.5	0.371	0.381	
Left-side	0	1	1	656000	3840	17.34	17.5	0.390	0.405	
Left-side	0	1	1	662000	3930	17.32	17.5	0.379	0.395	
Left-side	0	135	67	656000	3840	17.21	17.5	0.375	0.401	
Top	0	1	1	656000	3840	17.34	17.5	0.014	0.015	
Test Mode: NR n77_100M_QPSK_ANT 2_DSI0										
Front	0	1	1	656000	3840	17.37	17.5	0.025	0.026	
Back	0	1	1	656000	3840	17.37	17.5	0.126	0.130	
Left-side	0	1	1	633334	3500.01	17.25	17.5	0.367	0.389	
Left-side	0	1	1	650000	3750	17.36	17.5	0.371	0.383	
Left-side	0	1	1	656000	3840	17.37	17.5	0.379	0.391	
Left-side	0	1	1	662000	3930	17.35	17.5	0.377	0.390	
Left-side	0	135	67	656000	3840	17.25	17.5	0.348	0.369	
Top	0	1	1	656000	3840	17.37	17.5	0.013	0.013	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.8±2							Relative Humidity (%): 57%			
Liquid Temperature (°C): 22.3±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: NR n77_100M_QPSK_ANT 3_HPUE_DSI0										
Front	0	1	1	656000	3840	17.38	17.5	0.037	0.038	
Back	0	1	1	633334	3500.01	17.23	17.5	0.214	0.228	
Back	0	1	1	650000	3750	17.38	17.5	0.220	0.226	
Back	0	1	1	656000	3840	17.34	17.5	0.264	0.274	
Back	0	1	1	662000	3930	17.32	17.5	0.242	0.252	
Back	0	135	67	650000	3750	17.21	17.5	0.250	0.267	
Right-side	0	1	1	656000	3840	17.38	17.5	0.034	0.035	
Bottom	0	1	1	656000	3840	17.38	17.5	0.025	0.026	
Test Mode: NR n77_100M_QPSK_ANT 3_DSI0										
Front	0	1	1	656000	3840	17.37	17.5	0.036	0.037	
Back	0	1	1	633334	3500.01	17.25	17.5	0.188	0.199	
Back	0	1	1	650000	3750	17.36	17.5	0.204	0.211	
Back	0	1	1	656000	3840	17.37	17.5	0.258	0.266	
Back	0	1	1	662000	3930	17.35	17.5	0.252	0.261	
Back	0	135	67	656000	3840	17.25	17.5	0.241	0.255	
Right-side	0	1	1	656000	3840	17.37	17.5	0.032	0.033	
Bottom	0	1	1	656000	3840	17.37	17.5	0.022	0.023	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.8±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.2±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: NR n78_100M_QPSK_ANT 1_HPUE										
Front	0	1	1	650000	3750	22.31	22.5	0.021	0.022	
Back	0	1	1	633334	3500.01	22.15	22.5	0.737	0.799	
Back	0	1	1	650000	3750	22.31	22.5	0.788	0.823	924
Back	0	135	67	650000	3750	22.16	22.5	0.737	0.797	
Left-side	0	1	1	650000	3750	22.31	22.5	0.056	0.059	
Bottom	0	1	1	650000	3750	22.31	22.5	0.015	0.016	
Test Mode: NR n78_100M_QPSK_ANT 1										
Front	0	1	1	650000	3750	22.29	22.5	0.020	0.021	
Back	0	1	1	633334	3500.01	22.13	22.5	0.735	0.800	
Back	0	1	1	650000	3750	22.29	22.5	0.783	0.822	
Back	0	135	67	650000	3750	22.18	22.5	0.732	0.788	
Left-side	0	1	1	650000	3750	22.29	22.5	0.055	0.058	
Bottom	0	1	1	650000	3750	22.29	22.5	0.013	0.014	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9 ±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.2 ±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: NR n78_100M_QPSK_ANT 2_HPUE_DSI0										
Front	0	1	1	650000	3750	17.47	18	0.024	0.027	
Back	0	1	1	650000	3750	17.47	18	0.146	0.165	
Left-side	0	1	1	633334	3500.01	17.33	18	0.284	0.331	
Left-side	0	1	1	650000	3750	17.47	18	0.318	0.359	
Left-side	0	135	67	650000	3750	17.35	18	0.307	0.357	
Top	0	1	1	650000	3750	17.47	18	0.012	0.014	
Test Mode: NR n78_100M_QPSK_ANT 2_DSI0										
Front	0	1	1	650000	3750	17.49	18	0.023	0.026	
Back	0	1	1	650000	3750	17.49	18	0.145	0.163	
Left-side	0	1	1	633334	3500.01	17.35	18	0.279	0.324	
Left-side	0	1	1	650000	3750	17.49	18	0.317	0.356	
Left-side	0	135	67	650000	3750	17.38	18	0.308	0.355	
Top	0	1	1	650000	3750	17.49	18	0.011	0.012	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

SAR MEASUREMENT										
Ambient Temperature (°C): 22.9±2							Relative Humidity (%): 58%			
Liquid Temperature (°C): 22.1±2							Depth of Liquid (cm): >15			
Test Position	Dist. (mm)	RB	RB offset	Frequency		Conducted Power (dBm)		SAR (W/kg)		Plot No.
				Ch.	MHz	Meas.	Tune-Up Limit	Meas-10g	Scaled-10g	
Test Mode: NR n78_100M_QPSK_ANT 3_HPUE_DSI0										
Front	0	1	1	650000	3750	17.47	18	0.021	0.024	
Back	0	1	1	633334	3500.01	17.33	18	0.405	0.473	
Back	0	1	1	650000	3750	17.47	18	0.423	0.478	
Back	0	135	67	650000	3750	17.35	18	0.363	0.422	
Right-side	0	1	1	650000	3750	17.47	18	0.043	0.049	
Bottom	0	1	1	650000	3750	17.47	18	0.023	0.026	
Test Mode: NR n78_100M_QPSK_ANT 3_DSI0										
Front	0	1	1	650000	3750	17.49	18	0.021	0.024	
Back	0	1	1	633334	3500.01	17.35	18	0.395	0.459	
Back	0	1	1	650000	3750	17.49	18	0.413	0.464	
Back	0	135	67	650000	3750	17.38	18	0.362	0.418	
Right-side	0	1	1	650000	3750	17.49	18	0.043	0.048	
Bottom	0	1	1	650000	3750	17.49	18	0.023	0.026	

Note: 1. When the reported SAR of the Mid channel for the exposure configuration is ≤ 2.0 W/kg, no further SAR testing is required in other channel.

10.2 Simultaneous Transmission

Simultaneous Transmission Configurations	
1	WWAN + WLAN 2.4 GHz ANT Main + Bluetooth ANT Aux
2	WWAN + WLAN 2.4 GHz ANT Main + WLAN 2.4 GHz ANT Aux
3	WWAN + WLAN 5 GHz ANT Main + WLAN 5 GHz ANT Aux + Bluetooth ANT Aux

10.2.1 Simultaneous transmission test exclusion considerations

Band	Front at 10 mm	Left-side at 10 mm	Right- side at 10 mm	Top at 10 mm	Bottom at 10 mm	Back at 30 mm	Left-side at 15 mm	Right- side at 30 mm	Front at 10 mm
WCDMA B2 Ant 0	0.019	-	0.105	0.003	-	0.280	-	0.126	0.019
WCDMA B4 Ant 0	0.072	-	0.220	0.074	-	0.378	-	0.229	0.072
WCDMA B5 Ant 0	0.126	-	0.298	0.163	-	-	-	-	0.126
LTE Band 2 Ant 0	0.014	-	0.104	0.002	-	0.395	-	0.172	0.014
LTE Band 4 Ant 0	0.026	-	0.184	0.029	-	0.396	-	0.241	0.026
LTE Band 5 Ant 0	0.235	-	0.306	0.148	-	-	-	-	0.235
LTE Band 7 Ant 0	0.095	0.007	0.335	0.101	0.001	0.188	-	0.095	0.095
LTE Band 12 Ant 0	0.102	-	0.126	0.096	-	-	-	-	0.102
LTE Band 13 Ant 0	0.207	-	0.274	0.139	-	-	-	-	0.207
LTE Band 14 Ant 0	0.219	-	0.238	0.126	-	-	-	-	0.219
LTE Band 17 Ant 0	-	-	-	-	-	-	-	-	-
LTE Band 25 Ant 0	0.021	-	0.166	0.002	-	0.317	-	0.188	0.021
LTE Band 26 Ant 0	0.237	-	0.272	0.146	-	-	-	-	0.237
LTE Band 41 Ant 0	0.068	0.001	0.211	0.057	0.001	0.128	-	0.068	0.068
LTE Band 42 Ant 3	0.009	-	0.015	-	0.008	0.249	-	0.042	0.009
LTE Band 48 Ant 3	0.021	-	0.034	-	0.020	0.513	-	0.164	0.021
LTE Band 66 Ant 0	0.025	-	0.196	0.026	-	0.312	-	0.221	0.025
LTE Band 71 Ant 0	0.054	-	0.074	0.043	-	-	-	-	0.054
NR n2 Ant 0	-	-	-	-	-	-	-	-	-
NR n5 Ant 0	0.137	0.001	0.269	0.137	0.001	0.086	-	0.024	0.137
NR n7 Ant 0	0.081	0.009	0.385	0.109	0.001	0.283	-	0.121	0.081
NR n12 Ant 0	0.031	0.001	0.096	0.031	0.001	0.068	-	0.019	0.031
NR n13 Ant 0	0.092	0.005	0.266	0.092	0.001	0.090	-	0.023	0.092
NR n14 Ant 0	0.099	0.005	0.269	0.099	0.001	0.086	-	0.019	0.099
NR n25 Ant 0	0.029	-	0.179	0.025	-	0.398	-	0.140	0.029
NR n26 Ant 0	0.134	0.005	0.335	0.158	0.001	0.086	-	0.024	0.134
NR n30 Ant 0	0.068	-	0.315	0.069	-	0.175	-	0.126	0.068
NR n41 Ant 0	0.045	0.001	0.091	0.055	0.001	0.072	-	0.039	0.045
NR n41 Ant 2	0.043	0.117	0.001	0.049	0.001	-	0.173	-	0.043
NR n66 Ant 0	0.043	-	0.178	0.030	-	0.372	-	0.214	0.043
NR n70 Ant 0	0.026	-	0.188	0.015	-	0.284	-	0.156	0.026
NR n71 Ant 0	0.022	0.001	0.066	0.023	-	-	-	-	0.022
NR n77 Ant 1	0.002	0.003	-	-	0.006	-	-	-	0.002
NR n77 Ant 2	0.028	0.071	-	0.034	-	-	0.075	-	0.028
NR n77 Ant 3	0.002	-	0.006	-	0.011	0.352	-	0.046	0.002
NR n78 Ant 1	0.013	0.014	-	-	0.037	-	-	-	0.013
NR n78 Ant 2	0.020	0.077	-	0.020	-	-	0.051	-	0.020
NR n78 Ant 3	0.004	-	0.005	-	0.023	0.294	-	0.056	0.004
WLAN2.4GHz ANT Main	0.039	-	0.239	0.167	-	-	-	-	0.039
WLAN2.4GHz ANT Aux	0.082	0.075	-	0.084	-	-	-	-	0.082
WLAN5GHz ANT Main	0.029	-	0.039	0.086	-	-	-	-	0.029
WLAN5GHz ANT Aux	0.029	0.043	-	0.144	-	-	-	-	0.029
Bluetooth ANT Aux	0.027	0.026	-	0.032	-	-	-	-	0.027

Band	Front at 0 mm	Back at 0 mm	Left-side at 0 mm	Right-side at 0 mm	Top at 0 mm	Bottom at 0 mm
WCDMA B2 Ant 0	0.039	0.269	-	0.189	0.004	-
WCDMA B4 Ant 0	0.042	0.328	-	0.449	0.028	-
WCDMA B5 Ant 0	0.213	0.366	-	0.663	0.163	-
LTE Band 2 Ant 0	0.034	0.320	-	0.196	0.001	-
LTE Band 4 Ant 0	0.033	0.228	-	0.360	0.010	-
LTE Band 5 Ant 0	0.481	0.422	-	0.688	0.156	-
LTE Band 7 Ant 0	0.175	0.724	-	1.165	0.059	-
LTE Band 12 Ant 0	0.225	0.432	-	0.650	0.118	-
LTE Band 13 Ant 0	0.463	0.532	-	0.847	0.189	-
LTE Band 14 Ant 0	0.435	0.496	-	0.793	0.167	-
LTE Band 17 Ant 0	-	-	-	-	-	-
LTE Band 25 Ant 0	0.057	0.484	-	0.310	0.005	-
LTE Band 26 Ant 0	0.454	0.397	-	0.656	0.146	-
LTE Band 41 Ant 0	0.087	0.346	-	0.177	0.051	-
LTE Band 42 Ant 3	0.025	0.358	-	0.040	-	0.019
LTE Band 48 Ant 3	0.017	0.456	-	0.028	-	0.023
LTE Band 66 Ant 0	0.046	0.487	-	0.252	0.006	-
LTE Band 71 Ant 0	0.111	0.271	-	0.401	0.056	-
NR n2 Ant 0	-	-	-	-	-	-
NR n5 Ant 0	0.174	0.223	-	0.596	0.102	-
NR n7 Ant 0	0.144	0.616	-	0.927	0.050	-
NR n12 Ant 0	0.067	0.342	-	0.453	0.064	-
NR n13 Ant 0	0.148	0.452	-	0.771	0.104	-
NR n14 Ant 0	0.136	0.424	-	0.736	0.118	-
NR n25 Ant 0	0.068	0.330	-	0.286	0.007	-
NR n26 Ant 0	0.173	0.207	-	0.642	0.107	-
NR n30 Ant 0	0.057	0.457	-	0.727	0.046	-
NR n41 Ant 0	0.055	0.250	-	0.326	0.045	-
NR n41 Ant 2	0.018	0.216	0.451	-	0.023	-
NR n66 Ant 0	0.024	0.431	-	0.367	0.012	-
NR n70 Ant 0	0.052	0.322	-	0.429	0.014	-
NR n71 Ant 0	0.041	0.338	-	0.396	0.031	-
NR n77 Ant 1	0.013	0.811	0.054	-	-	0.031
NR n77 Ant 2	0.027	0.131	0.405	-	0.015	-
NR n77 Ant 3	0.038	0.274	-	0.035	-	0.026
NR n78 Ant 1	0.022	0.823	0.059	-	-	0.016
NR n78 Ant 2	0.027	0.165	0.359	-	0.014	-
NR n78 Ant 3	0.024	0.478	-	0.049	-	0.026
WLAN2.4GHz ANT Main	0.067	0.323	-	0.262	0.212	-
WLAN2.4GHz ANT Aux	0.188	1.083	0.132	-	0.194	-
WLAN5GHz ANT Main	0.042	0.250	-	0.118	0.132	-
WLAN5GHz ANT Aux	0.035	0.524	0.029	-	0.171	-
Bluetooth ANT Aux	0.067	0.299	0.047	-	0.058	-

1g Body SAR

Test Position	Worst Case WWAN Band		1	2	3	4	5	6	7	1 + 2 + 3 + 7	1 + 2 + 3 + 4	1 + 2 + 5 + 6 + 7
			WWAN (W/kg)	WWAN (W/kg)	WLAN2.4GHz ANT Main (W/kg)	WLAN2.4GHz ANT Aux (W/kg)	WLAN5GHz ANT Main (W/kg)	WLAN5GHz ANT Aux (W/kg)	Bluetooth ANT Aux (W/kg)	Σ 1-g SAR	Σ 1-g SAR	Σ 1-g SAR
Front at 10 mm	LTE Band 5 Ant 0	NR n7 Ant 0	0.235	0.081	0.039	0.082	0.029	0.029	0.027	0.382	0.437	0.401
Left-side at 10 mm	NR n41 Ant 2		0.117	-	-	0.075	-	0.043	0.026	0.143	0.192	0.186
Right-side at 10 mm	NR n7 Ant 0	LTE Band 5 Ant 0	0.385	0.316	0.239	-	0.039	-	-	0.940	0.940	0.740
Top at 10 mm	NR n5 Ant 0	LTE Band 7 Ant 0	0.137	0.101	0.167	0.084	0.086	0.144	0.032	0.437	0.489	0.500
Bottom at 10 mm	NR n78 Ant 1		0.037	-	-	-	-	-	-	0.037	0.037	0.037
Back at 30 mm	NR n25 Ant 0	LTE Band 66 Ant 0	0.398	0.312	-	-	-	-	-	0.710	0.710	0.710
Left-side at 15 mm	NR n41 Ant 2		0.173	-	-	-	-	-	-	0.173	0.173	0.173
Right-side at 30 mm	LTE Band 2 Ant 0	NR n7 Ant 0	0.172	0.121	-	-	-	-	0.172	0.172	0.172	-

10g Extremity SAR

Test Position	Worst Case WWAN Band		1	2	3	4	5	6	7	1 + 2 + 3 + 7	1 + 2 + 3 + 4	1 + 2 + 5 + 6 + 7
			WWAN (W/kg)	WWAN (W/kg)	WLAN2.4GHz ANT Main (W/kg)	WLAN2.4GHz ANT Aux (W/kg)	WLAN5GHz ANT Main (W/kg)	WLAN5GHz ANT Aux (W/kg)	Bluetooth ANT Aux (W/kg)	Σ 10-g SAR	Σ 10-g SAR	Σ 10-g SAR
Front at 0 mm	LTE Band 13 Ant 0	NR n5 Ant 0	0.449	0.174	0.067	0.188	0.042	0.035	0.067	0.757	0.878	0.767
Back at 0 mm	NR n77 Ant 1	LTE Band 13 Ant 0	0.823	0.515	0.323	1.083	0.250	0.524	0.299	1.960	2.744	2.411
Left-side at 0 mm	NR n41 Ant 2	-	0.451	-	-	0.132	-	0.029	0.047	0.498	0.583	0.527
Right-side at 0 mm	LTE Band 7 Ant 0	NR n13 Ant 0	1.165	0.927	0.262	-	0.118	-	-	2.354	2.354	2.210
Top at 0 mm	LTE Band 13 Ant 0	-	0.189	-	0.212	0.194	0.132	0.171	0.058	0.459	0.595	0.550
Bottom at 0 mm	NR n77 Ant 3	-	0.031	-	-	-	-	-	-	0.031	0.031	0.031

For inter-band and NSA EN DC combinations (refer to Chapter 8), all single uplink 1g SAR values for each band are below 0.8 W/kg, and the algebraic sum of the 1g SAR values is less than 1.45 W/kg (with the 10g SAR values calculated by multiplying by a factor of 2.5). The table presents the maximum SAR for simultaneous transmissions, which is below the required limit.

When the sum of SAR is larger than the limit, The ratio is determined by $(SAR1 + SAR2)^{1.5/R_i}$, rounded to two decimal digits, and must be ≤ 0.04 for all antenna pairs in the configuration to qualify for 1-g SAR test exclusion.

Appendix

Appendix A. System Check Data

Appendix B. Highest measurement Data

Appendix C. Test Setup Photographs

Appendix D. Probe Calibration Data

Appendix E. Dipole Calibration Data

Appendix F. Product Photos-Please refer to the file: 2490236R-Product Photos