

CERTIFICATION TEST REPORT

Report Number. : S-4791615583-E4V2

Applicant : SAMSUNG ELECTRONICS CO., LTD.
129 SAMSUNG-RO, YEONGTONG-GU, SUWON-SI,
GYEONGGI-DO, 16677, KOREA

Model : SM-S937U, SM-S937U1

FCC ID : A3LSMS937U

EUT Description : GSM/WCDMA/LTE 5G NR Phone + BT/BLE,
DTS/UNII a/b/g/n/ac/ax/be, NFC, WPT, UWB and NB NTN

Test Standard(s) : FCC 47 CFR PART 27 SUBPART D,F,H,L,M,N,O,P,Q

Date Of Issue:
2025-02-27

Prepared by:
UL KOREA LTD.
26th floor, 152, Teheran-ro, Gangnam-gu Seoul, 06236, Korea

Suwon Test Site: UL KOREA LTD. Suwon Laboratory
218 Maeyeong-ro, Yeongtong-gu,
Suwon-si, Gyeonggi-do, 16675, Korea
TEL: (031) 337-9902
FAX: (031) 213-5433

Revision History

Rev.	Issue Date	Revisions	Revised By
V1	2025-02-21	Initial issue	Yeonhee Lim
V2	2025-02-27	Updated to address TCB's question	Yeonhee Lim

TABLE OF CONTENTS

1. ATTESTATION OF TEST RESULTS	4
2. TEST METHODOLOGY	5
3. FACILITIES AND ACCREDITATION	5
4. CALIBRATION AND UNCERTAINTY	6
4.1. MEASURING INSTRUMENT CALIBRATION.....	6
4.2. SAMPLE CALCULATION.....	6
4.3. MEASUREMENT UNCERTAINTY	6
4.4. DECISION RULE	6
5. EQUIPMENT UNDER TEST	7
5.1. DESCRIPTION OF EUT.....	7
5.2. MAXIMUM OUTPUT POWER.....	8
5.3. DESCRIPTION OF AVAILABLE ANTENNAS	32
5.4. WORST-CASE ORIENTATION.....	33
5.5. DESCRIPTION OF TEST SETUP.....	41
6. TEST AND MEASUREMENT EQUIPMENT	43
7. SUMMARY TABLE	44
8. CONDUCTED RESULTS	45
8.1. CONDUCTED OUTPUT POWER	45
8.1.1. CONDUCTED AVERAGE OUTPUT POWER	46
8.2. PEAK TO AVERAGE RATIO.....	129
8.2.1. CONDUCTED PEAK TO AVERAGE RESULT	130
8.3. OCCUPIED BANDWIDTH.....	160
8.3.1. OCCUPIED BANDWIDTH RESULT	169
8.4. BAND EDGE EMISSIONS	199
8.4.1. BAND EDGE RESULT	202
8.4.2. EMISSION MASK RESULT	267
8.5. CONDUCTED SPURIOUS EMISSIONS	341
8.5.1. OUT OF BAND EMISSIONS RESULT	344
8.6. FREQUENCY STABILITY	361
8.6.1. FREQUENCY STABILITY RESULT	362
9. RADIATED RESULTS.....	371
9.1. RADIATED POWER (ERP & EIRP)	371
9.1.1. ERP/EIRP RESULT	373
9.2. RADIATED SPURIOUS EMISSION	393
9.2.1. SPURIOUS RADIATION RESULT	395

1. ATTESTATION OF TEST RESULTS

COMPANY NAME: SAMSUNG ELECTRONICS CO., LTD.

EUT DESCRIPTION: GSM/WCDMA/LTE 5G NR Phone + BT/BLE, DTS/UNII a/b/g/n/ac/ax/be, NFC, WPT, UWB and NB NTN

MODEL NUMBER: SM-S937U, SM-S937U1

SERIAL NUMBER: R3CXC0G5CTD, R3CXC0G5DAF, R3CXC0HMH4H, R3CXC0G5ASPB, R3CXC0HMSYK, 8bbbb5a9744e7ece (CONDUCTED); R3CXC0G5CZP, R3CXC0G5R3R, R3CXC0HMWSB, R3CXC0G5R9D (RADIATED);

DATE TESTED: 2025-01-20 – 2025-02-21;

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC PART 27D,F,H,L,M,N,O,P,Q	Complies

UL KOREA LTD. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by UL KOREA LTD. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

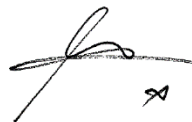
Note: The results documented in this report apply only to the tested sample, under the conditions and Modes of operation as described herein. This document may not be altered or revised in any way unless done so by UL KOREA LTD. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL KOREA LTD. will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by IAS, any agency of the Federal Government, or any agency of any government.

Approved & Released For
UL KOREA LTD. By:



Seokhwan Hong
Suwon Lab Engineer
UL KOREA LTD.

Tested By:



Yeonhee Lim
Suwon Lab Engineer
UL KOREA LTD.

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with following methods.

1. FCC 47 CFR Part 2.
2. FCC 47 CFR Part 27.
3. ANSI TIA-603-E, 2016
4. ANSI C63.26, 2015
5. KDB 971168 D01 Power Meas License Digital Systems v03r01
6. KDB 971168 D02 Misc Rev Approv License Devices v02r02
7. KDB 412172 D01 Determining ERP and EIRP v01r01
8. KDB 648474 D03 Wireless Chrgers Battery Cover v01r04

3. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 218 Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16675, Korea. Line conducted emissions are measured only at the 218 address. The following table identifies which facilities were utilized for radiated emission measurements documented in this report. Specific facilities are also identified in the test results sections.

218 Maeyeong-ro	
☒	Chamber 1(3m semi-anechoic chamber)
☒	Chamber 2(3m semi-anechoic chamber)
☐	Chamber 3(3m semi-anechoic chamber)
☒	Chamber 4(3m Full-anechoic chamber)
☐	Chamber 5(3m Full-anechoic chamber)

UL KOREA LTD. is accredited by IAS, Laboratory Code TL-637. The full scope of accreditation can be viewed at <https://www.iasonline.org/wp-content/uploads/2017/05/TL-637-cert-New.pdf>.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

4.2. SAMPLE CALCULATION

Where relevant, the following sample calculation is provided:

$$\text{EIRP} = \text{SG reading with EUT worst orientation (dBm)} - \text{cable loss(between the SG and substitution antenna)} + \text{Substitution Antenna Factor (dBi)}$$

$$\text{ERP} = \text{SG reading with EUT worst orientation (dBm)} - \text{cable loss(between the SG and substitution antenna)} + \text{Substitution Antenna Factor (dBd)}$$

4.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

PARAMETER	UNCERTAINTY
Conducted Disturbance, 0.15 to 30 MHz	1.84 dB
Radiated Disturbance, 9 kHz to 30 MHz	2.41 dB
Radiated Disturbance, 30 MHz to 1 GHz	3.69 dB
Radiated Disturbance, 1 GHz to 18 GHz	5.18 dB
Radiated Disturbance, Above 18 GHz	5.07 dB

Uncertainty figures are valid to a confidence level of 95%.

4.4. DECISION RULE

Decision rule for statement(s) of conformity is based on Clause 4.3.3 in IEC Guide 115:2023.

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

The EUT is a GSM/WCDMA/LTE 5G NR Phone + BT/BLE, DTS/UNII a/b/g/n/ac/ax/be, NFC, WPT, UWB and NB NTN.

This test report addresses the WWAN operational mode.

Representative model	Difference	Derivative model
		SM-S937U1
SM-S937U	Hardware	Same
	Software	The UI has changed according to Service Provider

The model SM-S937U used for final testing and is representative of the test results in this report.

5.2. MAXIMUM OUTPUT POWER

The transmitter has a maximum average radiated ERP / EIRP output powers as follows:
Radiated samples were tested to a higher power than conducted resulting in radiated EIRP greater than conducted measurements.

WCDMA

FCC Part 27							
Band	ANT	Frequency Range [MHz]	Modulation	Conducted		Radiated	
				Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
Band 4	A	1712.40 ~ 1752.60	Rel. 99	23.60	229.09	24.05	254.10
			HSDPA	22.58	181.13	23.18	207.97

LTE Band 7

FCC Part 27								
Band	ANT	Frequency Range [MHz]	Bandwidth [MHz]	Modulation	Conducted		Radiated	
					Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
Band 7	B	2510.00 ~ 2560.00	20	QPSK	24.00	251.19	23.76	237.68
				16QAM	23.46	221.82	22.92	195.88
				64QAM	22.47	176.60		
				256QAM	19.30	85.11		
		2507.50 ~ 2562.50	15	QPSK	24.15	260.02	23.85	242.66
				16QAM	23.32	214.78	22.67	184.93
				64QAM	22.47	176.60		
				256QAM	19.30	85.11		
		2505.00 ~ 2565.00	10	QPSK	24.10	257.04	23.79	239.33
				16QAM	23.35	216.27	22.73	187.50
				64QAM	22.34	171.40		
				256QAM	19.29	84.92		
		2502.50 ~ 2567.50	5	QPSK	24.28	267.92	23.99	250.61
				16QAM	23.39	218.27	22.77	189.23
				64QAM	22.37	172.58		
				256QAM	19.30	85.11		
Band 7	F	2510.00 ~ 2560.00	20	QPSK	23.81	240.44	23.80	239.88
				16QAM	23.22	209.89	23.04	201.37
				64QAM	22.05	160.32		
				256QAM	18.92	77.98		
		2507.50 ~ 2562.50	15	QPSK	23.71	234.96	23.64	231.21
				16QAM	22.98	198.61	22.91	195.43
				64QAM	22.03	159.59		
				256QAM	18.87	77.09		
		2505.00 ~ 2565.00	10	QPSK	23.73	236.05	23.65	231.74
				16QAM	23.01	199.99	22.92	195.88
				64QAM	22.13	163.31		
				256QAM	19.00	79.43		
		2502.50 ~ 2567.50	5	QPSK	23.70	234.42	23.64	231.21
				16QAM	23.26	211.84	23.10	204.17
				64QAM	22.17	164.82		
				256QAM	19.01	79.62		

LTE Band 12

FCC Part 27								
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Modulation	Conducted		Radiated	
					Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
Band 12	A	704.00 ~ 711.00	10	QPSK	24.35	272.27	16.33	42.95
				16QAM	23.70	234.42	15.52	35.65
				64QAM	22.69	185.78		
				256QAM	19.26	84.33		
		701.50 ~ 713.50	5	QPSK	24.24	265.46	16.51	44.77
				16QAM	23.79	239.33	16.01	39.90
				64QAM	22.80	190.55		
				256QAM	19.38	86.70		
		700.50 ~ 714.50	3	QPSK	24.25	266.07	15.80	38.02
				16QAM	23.86	243.22	16.08	40.55
				64QAM	22.82	191.43		
				256QAM	19.52	89.54		
		699.70 ~ 715.30	1.4	QPSK	24.11	257.63	15.70	37.15
				16QAM	23.25	211.35	15.54	35.81
				64QAM	22.46	176.20		
				256QAM	19.34	85.90		
Band 12	E	704.00 ~ 711.00	10	QPSK	24.23	264.85	19.25	84.14
				16QAM	23.53	225.42	18.39	69.02
				64QAM	22.90	194.98		
				256QAM	19.26	84.33		
		701.50 ~ 713.50	5	QPSK	24.10	257.04	19.22	83.56
				16QAM	23.54	225.94	18.71	74.30
				64QAM	22.46	176.20		
				256QAM	19.27	84.53		
		700.50 ~ 714.50	3	QPSK	24.09	256.45	17.61	57.68
				16QAM	23.43	220.29	17.62	57.81
				64QAM	22.49	177.42		
				256QAM	19.33	85.70		
		699.70 ~ 715.30	1.4	QPSK	23.97	249.46	17.56	57.02
				16QAM	23.47	222.33	17.44	55.46
				64QAM	22.33	171.00		
				256QAM	19.17	82.60		

LTE Band 13

FCC Part 27								
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Modulation	Conducted		Radiated	
					Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
Band 13	A	782.00	10	QPSK	24.12	258.23	16.16	41.30
				16QAM	23.58	228.03	15.32	34.04
				64QAM	22.27	168.66		
				256QAM	18.92	77.98		
		779.50 ~ 784.50	5	QPSK	24.11	257.63	16.20	41.69
				16QAM	23.43	220.29	15.46	35.16
				64QAM	22.43	174.98		
				256QAM	19.19	82.99		
Band 13	E	782.00	10	QPSK	23.85	242.66	21.17	130.92
				16QAM	23.01	199.99	20.20	104.71
				64QAM	22.02	159.22		
				256QAM	18.93	78.16		
		779.50 ~ 784.50	5	QPSK	24.21	263.63	21.12	129.42
				16QAM	23.20	208.93	20.12	102.80
				64QAM	22.14	163.68		
				256QAM	19.15	82.22		

LTE Band 30

FCC Part 27								
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Modulation	Conducted		Radiated	
					Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
Band 30	A	2310.00	10	QPSK	22.94	196.79	19.67	92.68
				16QAM	21.91	155.24	18.71	74.30
				64QAM	20.81	120.50		
				256QAM	17.79	60.12		
		2307.50 ~ 2312.50	5	QPSK	23.15	206.54	19.75	94.41
				16QAM	22.14	163.68	18.66	73.45
				64QAM	21.38	137.40		
				256QAM	17.90	61.66		
Band 30	F	2310.00	10	QPSK	21.99	158.12	19.12	81.66
				16QAM	21.33	135.83	18.26	66.99
				64QAM	20.20	104.71		
				256QAM	17.11	51.40		
		2307.50 ~ 2312.50	5	QPSK	21.96	157.04	19.43	87.70
				16QAM	21.40	138.04	18.46	70.15
				64QAM	20.12	102.80		
				256QAM	17.16	52.00		

LTE Band 41 (PC3)

FCC Part 27								
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Modulation	Conducted		Radiated	
					Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
Band 41	B	2506.00 ~ 2680.00	20	QPSK	23.78	238.78	22.83	191.87
				16QAM	22.90	194.98	22.05	160.32
				64QAM	21.83	152.41		
				256QAM	19.10	81.28		
		2503.50 ~ 2682.50	15	QPSK	23.58	228.03	22.73	187.50
				16QAM	22.97	198.15	22.13	163.31
				64QAM	21.84	152.76		
				256QAM	19.08	80.91		
		2501.00 ~ 2685.00	10	QPSK	23.75	237.14	22.92	195.88
				16QAM	22.98	198.61	22.19	165.58
				64QAM	21.92	155.60		
				256QAM	19.04	80.17		
		2498.50 ~ 2687.50	5	QPSK	23.75	237.14	22.98	198.61
				16QAM	22.80	190.55	22.22	166.72
				64QAM	21.88	154.17		
				256QAM	18.88	77.27		
Band 41	F	2506.00 ~ 2680.00	20	QPSK	24.08	255.86	24.26	266.69
				16QAM	23.34	215.77	23.51	224.39
				64QAM	22.64	183.65		
				256QAM	19.67	92.68		
		2503.50 ~ 2682.50	15	QPSK	24.10	257.04	24.22	264.24
				16QAM	23.42	219.79	23.62	230.14
				64QAM	22.33	171.00		
				256QAM	19.51	89.33		
		2501.00 ~ 2685.00	10	QPSK	24.14	259.42	24.34	271.64
				16QAM	23.45	221.31	23.50	223.87
				64QAM	22.48	177.01		
				256QAM	19.44	87.90		
		2498.50 ~ 2687.50	5	QPSK	24.22	264.24	24.47	279.90
				16QAM	23.39	218.27	23.56	226.99
				64QAM	22.47	176.60		
				256QAM	19.29	84.92		

LTE Band 66

FCC Part 27								
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Modulation	Conducted		Radiated	
					Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
Band 66	A	1720.00 ~ 1770.00	20	QPSK	24.21	263.63	25.03	318.42
				16QAM	23.19	208.45	24.13	258.82
				64QAM	22.41	174.18		
				256QAM	19.23	83.75		
		1717.50 ~ 1772.50	15	QPSK	24.29	268.53	25.42	348.34
				16QAM	23.20	208.93	24.14	259.42
				64QAM	22.40	173.78		
				256QAM	19.19	82.99		
		1715.00 ~ 1775.00	10	QPSK	24.04	253.51	25.20	331.13
				16QAM	23.38	217.77	24.32	270.40
				64QAM	22.38	172.98		
				256QAM	19.27	84.53		
		1712.50 ~ 1777.50	5	QPSK	23.89	244.91	25.14	326.59
				16QAM	23.28	212.81	24.22	264.24
				64QAM	22.18	165.20		
				256QAM	19.29	84.92		
		1711.50 ~ 1778.50	3	QPSK	23.91	246.04	25.28	337.29
				16QAM	23.21	209.41	24.17	261.22
				64QAM	22.40	173.78		
				256QAM	19.34	85.90		
		1710.70 ~ 1779.30	1.4	QPSK	23.91	246.04	25.22	332.66
				16QAM	23.40	218.78	24.40	275.42
				64QAM	22.32	170.61		
				256QAM	19.42	87.50		
Band 66	F	1720.00 ~ 1770.00	20	QPSK	23.57	227.51	22.66	184.50
				16QAM	22.98	198.61	21.25	133.35
				64QAM	21.98	157.76		
				256QAM	18.92	77.98		
		1717.50 ~ 1772.50	15	QPSK	23.50	223.87	22.75	188.36
				16QAM	23.00	199.53	21.16	130.62
				64QAM	21.84	152.76		
				256QAM	19.07	80.72		
		1715.00 ~ 1775.00	10	QPSK	23.47	222.33	22.65	184.08
				16QAM	22.88	194.09	21.00	125.89
				64QAM	22.37	172.58		
				256QAM	19.06	80.54		
		1712.50 ~ 1777.50	5	QPSK	23.60	229.09	22.49	177.42
				16QAM	23.10	204.17	21.17	130.92
				64QAM	21.68	147.23		
				256QAM	19.03	79.98		
		1711.50 ~ 1778.50	3	QPSK	23.67	232.81	22.24	167.49
				16QAM	23.04	201.37	21.16	130.62
				64QAM	21.91	155.24		
				256QAM	19.33	85.70		
		1710.70 ~ 1779.30	1.4	QPSK	23.76	237.68	22.43	174.98
				16QAM	23.08	203.24	21.03	126.77
				64QAM	22.01	158.85		
				256QAM	19.21	83.37		

LTE Band 71

FCC Part 27								
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Modulation	Conducted		Radiated	
					Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
Band 71	A	673.00 ~ 688.00	20	QPSK	24.05	254.10	16.61	45.81
				16QAM	23.41	219.28	15.86	38.55
				64QAM	22.41	174.18		
				256QAM	19.29	84.92		
		670.50 ~ 690.50	15	QPSK	23.98	250.03	16.44	44.06
				16QAM	23.78	238.78	15.86	38.55
				64QAM	22.30	169.82		
				256QAM	19.04	80.17		
		668.00 ~ 693.00	10	QPSK	24.43	277.33	16.01	39.90
				16QAM	23.53	225.42	15.75	37.58
				64QAM	22.60	181.97		
				256QAM	19.48	88.72		
		665.50 ~ 695.50	5	QPSK	24.22	264.24	15.80	38.02
				16QAM	23.68	233.35	15.90	38.90
				64QAM	22.49	177.42		
				256QAM	19.28	84.72		
Band 71	E	673.00 ~ 688.00	20	QPSK	23.94	247.74	18.74	74.82
				16QAM	23.36	216.77	17.92	61.94
				64QAM	22.01	158.85		
				256QAM	19.69	93.11		
		670.50 ~ 690.50	15	QPSK	23.87	243.78	18.66	73.45
				16QAM	23.09	203.70	18.02	63.39
				64QAM	22.10	162.18		
				256QAM	18.92	77.98		
		668.00 ~ 693.00	10	QPSK	23.94	247.74	17.41	55.08
				16QAM	23.23	210.38	17.59	57.41
				64QAM	22.29	169.43		
				256QAM	19.10	81.28		
		665.50 ~ 695.50	5	QPSK	23.75	237.14	17.26	53.21
				16QAM	23.33	215.28	17.73	59.29
				64QAM	22.20	165.96		
				256QAM	19.35	86.10		

NR Band n7

FCC Part 27										
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Modulation	Mode	Conducted		Radiated		
						Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]	
n7	B	2525.00 ~ 2545.00	50	DFT-s OFDM	$\pi/2$ BPSK	24.23	264.85			
					QPSK	24.22	264.24	23.76	237.68	
					16QAM	23.30	213.80	22.78	189.67	
					64QAM	21.37	137.09			
					256QAM	19.16	82.41			
				CP-OFDM	QPSK	22.94	196.79			
					16QAM	22.32	170.61			
					64QAM	20.65	116.14			
					256QAM	17.09	51.17			
					$\pi/2$ BPSK	24.20	263.03			
		2520.00 ~ 2550.00	40	DFT-s OFDM	QPSK	24.12	258.23	23.57	227.51	
					16QAM	23.29	213.30	22.61	182.39	
					64QAM	21.31	135.21			
					256QAM	18.99	79.25			
					CP-OFDM	QPSK	22.61	182.39		
				CP-OFDM	$\pi/2$ BPSK	24.17	261.22			
					QPSK	24.11	257.63	23.57	227.51	
					16QAM	23.23	210.38	22.61	182.39	
					64QAM	21.12	129.42			
					256QAM	18.95	78.52			
		2517.50 ~ 2552.50	35	DFT-s OFDM	QPSK	22.58	181.13			
					CP-OFDM	QPSK	22.61	182.39		
					$\pi/2$ BPSK	24.17	261.22			
					QPSK	24.11	257.63	23.57	227.51	
					16QAM	23.23	210.38	22.61	182.39	
				CP-OFDM	64QAM	21.12	129.42			
					256QAM	18.95	78.52			
					QPSK	22.58	181.13			
					CP-OFDM	QPSK	22.61	182.39		
					$\pi/2$ BPSK	24.14	259.42			
		2515.00 ~ 2555.00	30	DFT-s OFDM	QPSK	24.03	252.93	23.35	216.27	
					16QAM	23.27	212.32	22.47	176.60	
					64QAM	21.24	133.05			
					256QAM	18.98	79.07			
					CP-OFDM	QPSK	22.68	185.35		
				CP-OFDM	$\pi/2$ BPSK	24.17	261.22			
					QPSK	24.03	252.93	23.40	218.78	
					16QAM	23.37	217.27	22.77	189.23	
					64QAM	21.39	137.72			
					256QAM	19.00	79.43			
		2512.50 ~ 2557.50	25	DFT-s OFDM	QPSK	22.72	187.07			
					CP-OFDM	QPSK	22.72	187.07		
					$\pi/2$ BPSK	24.14	259.42			
					QPSK	24.06	254.68	23.39	218.27	
					16QAM	23.27	212.32	22.63	183.23	
				CP-OFDM	64QAM	21.01	126.18			
					256QAM	18.88	77.27			
					QPSK	22.58	181.13			
					CP-OFDM	QPSK	22.58	181.13		
					$\pi/2$ BPSK	24.12	258.23			
		2510.00 ~ 2560.00	20	DFT-s OFDM	QPSK	24.12	258.23	23.39	218.27	
					16QAM	23.18	207.97	22.38	172.98	
					64QAM	21.05	127.35			
					256QAM	19.01	79.62			
					CP-OFDM	QPSK	22.58	181.13		
				CP-OFDM	QPSK	22.58	181.13			
					$\pi/2$ BPSK	24.14	259.42			
					QPSK	24.11	257.63	23.37	217.27	
					16QAM	23.30	213.80	22.59	181.55	
					64QAM	21.24	133.05			
		2507.50 ~ 2562.50	15	DFT-s OFDM	256QAM	18.93	78.16			
					CP-OFDM	QPSK	22.65	184.08		
					QPSK	22.72	187.07			
					CP-OFDM	QPSK	22.72	187.07		
					$\pi/2$ BPSK	24.14	259.42			
				CP-OFDM	QPSK	24.12	258.23			
					16QAM	23.18	207.97			
					64QAM	21.05	127.35			
					256QAM	19.01	79.62			
					QPSK	22.58	181.13			
		2505.00 ~ 2565.00	10	DFT-s OFDM	QPSK	24.12	258.23			
					16QAM	23.30	213.80			
					64QAM	21.24	133.05			
					256QAM	18.93	78.16			
					CP-OFDM	QPSK	22.65	184.08		
				CP-OFDM	QPSK	22.65	184.08			
					$\pi/2$ BPSK	24.14	259.42			
					QPSK	24.11	257.63	23.37	217.27	
					16QAM	23.30	213.80	22.59	181.55	
					64QAM	21.24	133.05			
		2502.50 ~ 2567.50	5	DFT-s OFDM	256QAM	19.01	79.62			
					CP-OFDM	QPSK	22.72	187.07		
					QPSK	22.72	187.07			
					CP-OFDM	QPSK	22.72	187.07		
					$\pi/2$ BPSK	24.26	266.69			
				DFT-s OFDM	QPSK	24.26	266.69	23.54	225.94	
					16QAM	23.26	211.84	22.57	180.72	
					64QAM	21.36	136.77			
					256QAM	19.01	79.62			
					QPSK	22.72	187.07			

FCC Part 27									
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Modulation	Mode	Conducted		Radiated	
						Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
n7	F	2525.00 ~ 2545.00	50	DFT-s OFDM	$\pi/2$ BPSK	23.42	219.79		
					QPSK	23.42	219.79	24.49	281.19
					16QAM	22.56	180.30	23.85	242.66
					64QAM	20.61	115.08		
				CP-OFDM	256QAM	18.41	69.34		
					QPSK	22.28	169.04		
					16QAM	21.71	148.25		
					64QAM	20.08	101.86		
		2520.00 ~ 2550.00	40	DFT-s OFDM	256QAM	17.16	52.00		
					$\pi/2$ BPSK	23.26	211.84		
					QPSK	23.29	213.30	24.18	261.82
					16QAM	22.31	170.22	23.50	223.87
				CP-OFDM	64QAM	20.48	111.69		
					256QAM	18.30	67.61		
					QPSK	22.01	158.85		
		2517.50 ~ 2552.50	35	DFT-s OFDM	QPSK	23.22	209.89		
					QPSK	23.25	211.35	24.18	261.82
					16QAM	22.30	169.82	23.50	223.87
					64QAM	20.31	107.40		
				CP-OFDM	256QAM	18.23	66.53		
					QPSK	22.03	159.59		
		2515.00 ~ 2555.00	30	DFT-s OFDM	$\pi/2$ BPSK	23.24	210.86		
					QPSK	23.29	213.30	24.18	261.82
					16QAM	22.31	170.22	23.30	213.80
					64QAM	20.69	117.22		
				CP-OFDM	256QAM	18.29	67.45		
					QPSK	22.11	162.55		
		2512.50 ~ 2557.50	25	DFT-s OFDM	$\pi/2$ BPSK	23.31	214.29		
					QPSK	23.25	211.35	24.16	260.62
					16QAM	22.41	174.18	23.54	225.94
					64QAM	20.41	109.90		
				CP-OFDM	256QAM	18.40	69.18		
					QPSK	22.08	161.44		
		2510.00 ~ 2560.00	20	DFT-s OFDM	$\pi/2$ BPSK	23.30	213.80		
					QPSK	23.25	211.35	24.12	258.23
					16QAM	22.32	170.61	23.41	219.28
					64QAM	20.34	108.14		
				CP-OFDM	256QAM	18.19	65.92		
					QPSK	21.82	152.05		
		2507.50 ~ 2562.50	15	DFT-s OFDM	$\pi/2$ BPSK	23.32	214.78		
					QPSK	23.33	215.28	24.14	259.42
					16QAM	22.33	171.00	23.36	216.77
					64QAM	20.36	108.64		
				CP-OFDM	256QAM	18.32	67.92		
					QPSK	21.83	152.41		
		2505.00 ~ 2565.00	10	DFT-s OFDM	$\pi/2$ BPSK	23.24	210.86		
					QPSK	23.26	211.84	24.06	254.68
					16QAM	22.37	172.58	23.39	218.27
					64QAM	20.40	109.65		
				CP-OFDM	256QAM	18.18	65.77		
					QPSK	21.96	157.04		
		2502.50 ~ 2567.50	5	DFT-s OFDM	$\pi/2$ BPSK	23.39	218.27		
					QPSK	23.35	216.27	24.17	261.22
					16QAM	22.52	178.65	23.56	226.99
					64QAM	20.68	116.95		
				CP-OFDM	256QAM	18.32	67.92		
					QPSK	22.13	163.31		

NR Band n12

FCC Part 27									
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Modulation	Mode	Conducted		Radiated	
						Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
n12	A	706.50 ~ 708.50	15	DFT-s OFDM	11/2 BPSK	24.02	252.35		
					QPSK	24.20	263.03	16.35	43.18
					16QAM	23.38	217.77	15.45	35.10
					64QAM	21.22	132.43		
				CP-OFDM	256QAM	18.84	76.56		
					QPSK	22.43	174.98		
					16QAM	22.19	165.58		
					64QAM	20.35	108.39		
					256QAM	17.47	55.85		
		704.00 ~ 711.00	10	DFT-s OFDM	11/2 BPSK	24.10	257.04		
					QPSK	24.02	252.35	16.25	42.18
					16QAM	23.42	219.79	15.76	37.68
					64QAM	21.69	147.57		
				CP-OFDM	256QAM	18.93	78.16		
					QPSK	22.04	159.96		
					11/2 BPSK	24.07	255.27		
					QPSK	23.09	203.70	15.53	35.71
		701.50 ~ 713.50	5	DFT-s OFDM	16QAM	23.37	217.27	15.97	39.52
					64QAM	21.06	127.64		
					256QAM	19.07	80.72		
				CP-OFDM	QPSK	22.09	161.81		
n12	E	706.50 ~ 708.50	15	DFT-s OFDM	11/2 BPSK	24.22	264.24		
					QPSK	24.09	256.45	18.20	66.03
					16QAM	23.15	206.54	17.22	52.69
					64QAM	21.14	130.02		
				CP-OFDM	256QAM	19.13	81.85		
					QPSK	22.53	179.06		
					16QAM	22.20	165.96		
					64QAM	20.34	108.14		
		704.00 ~ 711.00	10	DFT-s OFDM	256QAM	17.49	56.10		
					11/2 BPSK	24.23	264.85		
					QPSK	24.27	267.30	18.25	66.88
					16QAM	22.87	193.64	16.96	49.62
				CP-OFDM	64QAM	21.07	127.94		
					256QAM	19.10	81.28		
					QPSK	22.80	190.55		
		701.50 ~ 713.50	5	DFT-s OFDM	11/2 BPSK	24.20	263.03		
					QPSK	24.01	251.77	17.90	61.68
					16QAM	23.14	206.06	17.25	53.15
					64QAM	21.11	129.12		
				CP-OFDM	256QAM	19.07	80.72		
					QPSK	22.83	191.87		

NR Band n30

FCC Part 27									
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Modulation	Mode	Conducted		Radiated	
						Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
n30	A	2310	10	DFT-s OFDM	$\pi/2$ BPSK	22.44	175.39	19.36	86.30
					QPSK	22.42	174.58		
					16QAM	21.63	145.55	18.10	64.57
					64QAM	19.59	90.99		
					256QAM	18.60	72.44		
				CP-OFDM	QPSK	21.03	126.77		
					16QAM	20.24	105.68		
					64QAM	18.43	69.66		
					256QAM	15.17	32.89		
		2307.50 ~ 2312.50	5	DFT-s OFDM	$\pi/2$ BPSK	22.56	180.30	19.63	91.83
					QPSK	22.53	179.06		
					16QAM	21.60	144.54	18.49	70.63
					64QAM	19.82	95.94		
					256QAM	18.10	64.57		
				CP-OFDM	QPSK	21.12	129.42		
n30	F	2310	10	DFT-s OFDM	$\pi/2$ BPSK	21.89	154.53		
					QPSK	21.90	154.88	19.03	79.98
					16QAM	20.97	125.03	18.09	64.42
					64QAM	19.03	79.98		
					256QAM	16.84	48.31		
				CP-OFDM	QPSK	20.09	102.09		
					16QAM	19.90	97.72		
					64QAM	18.12	64.86		
					256QAM	15.16	32.81		
		2307.50 ~ 2312.50	5	DFT-s OFDM	$\pi/2$ BPSK	21.93	155.96		
					QPSK	21.96	157.04	19.30	85.11
					16QAM	20.98	125.31	18.23	66.53
					64QAM	18.98	79.07		
					256QAM	16.83	48.19		
				CP-OFDM	QPSK	20.60	114.82		

NR Band n41 (PC2, Switching)

FCC Part 27									
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Modulation	Mode	Conducted		Radiated	
						Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
n41	B	2546.01 ~ 2640.00	100	DFT-s OFDM	$\pi/2$ BPSK	26.35	431.52		
					QPSK	26.35	431.52	26.46	442.59
					16QAM	25.30	338.84	25.79	379.31
					64QAM	23.83	241.55		
				CP-OFDM	256QAM	21.83	152.41		
					QPSK	25.06	320.63		
					16QAM	24.39	274.79		
					64QAM	22.68	185.35		
		2541.00 ~ 2644.98	90	DFT-s OFDM	256QAM	19.73	93.97		
					$\pi/2$ BPSK	26.30	426.58		
					QPSK	26.34	430.53	26.44	440.55
					16QAM	25.28	337.29	25.83	382.82
				CP-OFDM	64QAM	23.60	229.09		
					256QAM	21.83	152.41		
					QPSK	25.29	338.06		
		2536.02 ~ 2649.99	80	DFT-s OFDM	QPSK	26.27	423.64		
					$\pi/2$ BPSK	26.30	426.58	26.42	438.53
					16QAM	25.23	333.43	25.78	378.44
					64QAM	23.72	235.50		
				CP-OFDM	256QAM	21.70	147.91		
					QPSK	24.77	299.92		
		2531.02 ~ 2654.98	70	DFT-s OFDM	$\pi/2$ BPSK	26.27	423.64		
					QPSK	26.25	421.70	26.47	443.61
					16QAM	25.20	331.13	25.73	374.11
					64QAM	23.45	221.31		
				CP-OFDM	256QAM	21.65	146.22		
					QPSK	24.83	304.09		
		2526.00 ~ 2659.98	60	DFT-s OFDM	$\pi/2$ BPSK	26.27	423.64		
					QPSK	26.25	421.70	26.49	445.66
					16QAM	25.20	331.13	25.75	375.84
					64QAM	23.45	221.31		
				CP-OFDM	256QAM	21.65	146.22		
					QPSK	24.83	304.09		
		2521.01 ~ 2665.00	50	DFT-s OFDM	$\pi/2$ BPSK	26.45	441.57		
					QPSK	26.46	442.59	26.50	446.68
					16QAM	25.19	330.37	25.72	373.25
					64QAM	23.53	225.42		
				CP-OFDM	256QAM	21.83	152.41		
					QPSK	24.80	302.00		
		2518.50 ~ 2667.48	45	DFT-s OFDM	$\pi/2$ BPSK	26.30	426.58		
					QPSK	26.36	432.51	26.52	448.75
					16QAM	25.19	330.37	25.74	374.97
					64QAM	23.49	223.36		
				CP-OFDM	256QAM	21.75	149.62		
					QPSK	24.91	309.74		
		2516.01 ~ 2670.00	40	DFT-s OFDM	$\pi/2$ BPSK	26.27	423.64		
					QPSK	26.22	418.79	26.29	425.60
					16QAM	25.18	329.61	25.56	359.75
					64QAM	23.42	219.79		
				CP-OFDM	256QAM	21.43	139.00		
					QPSK	24.54	284.45		
		2513.52 ~ 2672.49	35	DFT-s OFDM	$\pi/2$ BPSK	26.35	431.52		
					QPSK	26.37	433.51	26.40	436.52
					16QAM	25.33	341.19	25.88	387.26
					64QAM	23.78	238.78		
				CP-OFDM	256QAM	21.77	150.31		
					QPSK	24.93	311.17		
		2511.00 ~ 2675.00	30	DFT-s OFDM	$\pi/2$ BPSK	26.26	422.67		
					QPSK	26.32	428.55	26.38	434.51
					16QAM	25.20	331.13	25.57	360.58
					64QAM	23.52	224.91		
				CP-OFDM	256QAM	21.63	145.55		
					QPSK	24.58	287.08		
		2508.51 ~ 2677.50	25	DFT-s OFDM	$\pi/2$ BPSK	26.27	423.64		
					QPSK	26.32	428.55	26.30	426.58
					16QAM	25.17	328.85	25.72	373.25
					64QAM	23.58	228.03		
				CP-OFDM	256QAM	21.56	143.22		
					QPSK	24.68	293.76		

n41	B	2506.02 ~ 2679.99	20	DFT-s OFDM	$\pi/2$ BPSK	26.18	414.95		
					QPSK	26.13	410.20	26.26	422.67
					16QAM	25.00	316.23	25.55	358.92
					64QAM	23.26	211.84		
					256QAM	21.57	143.55		
				CP-OFDM	QPSK	24.55	285.10		
		2503.50 ~ 2682.48	15	DFT-s OFDM	$\pi/2$ BPSK	26.13	410.20		
					QPSK	26.11	408.32	26.22	418.79
					16QAM	25.00	316.23	25.51	355.63
					64QAM	23.49	223.36		
					256QAM	21.35	136.46		
				CP-OFDM	QPSK	24.59	287.74		
		2501.01 ~ 2685.00	10	DFT-s OFDM	$\pi/2$ BPSK	26.20	416.87		
					QPSK	26.15	412.10	26.33	429.54
					16QAM	25.11	324.34	25.37	344.35
					64QAM	23.52	224.91		
					256QAM	21.67	146.89		
				CP-OFDM	QPSK	24.66	292.42		

NR Band n41 (PC2, Switching SRS2)

FCC Part 27							
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Conducted		Radiated	
				Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
n41	F	2546.01 ~ 2640.00	100	21.75	149.62	23.11	204.64
		2541.00 ~ 2644.98	90	21.71	148.25		
		2536.02 ~ 2649.99	80	21.58	143.88		
		2531.02 ~ 2654.98	70	21.54	142.56		
		2526.00 ~ 2659.98	60	21.71	148.25		
		2521.01 ~ 2665.00	50	21.25	133.35		
		2518.50 ~ 2667.48	45	21.33	135.83		
		2516.01 ~ 2670.00	40	21.38	137.40		
		2513.52 ~ 2672.49	35	21.51	141.58		
		2511.00 ~ 2675.00	30	21.33	135.83		
		2508.51 ~ 2677.50	25	21.14	130.02		
		2506.02 ~ 2679.99	20	21.52	141.91		
		2503.5 ~ 2682.48	15	21.23	132.74		
		2501.01 ~ 2685.00	10	21.18	131.22		

NR Band n41 (PC2, Switching, SRS3)

FCC Part 27							
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Conducted		Radiated	
				Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
n41	K	2546.01 ~ 2640.00	100	21.95	156.68		
		2541.00 ~ 2644.98	90	21.98	157.76		
		2536.02 ~ 2649.99	80	22.03	159.59		
		2531.02 ~ 2654.98	70	22.01	158.85		
		2526.00 ~ 2659.98	60	21.89	154.53		
		2521.01 ~ 2665.00	50	21.93	155.96		
		2518.50 ~ 2667.48	45	22.26	168.27	15.24	33.42
		2516.01 ~ 2670.00	40	22.13	163.31		
		2513.52 ~ 2672.49	35	22.01	158.85		
		2511.00 ~ 2675.00	30	21.98	157.76		
		2508.51 ~ 2677.50	25	22.10	162.18		
		2506.02 ~ 2679.99	20	22.05	160.32		
		2503.5 ~ 2682.48	15	22.11	162.55		
		2501.01 ~ 2685.00	10	22.05	160.32		

NR Band n41 (PC2, Switching, SRS4)

FCC Part 27							
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Conducted		Radiated	
				Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
n41	E	2546.01 ~ 2640.00	100	20.54	113.24		
		2541.00 ~ 2644.98	90	20.41	109.90		
		2536.02 ~ 2649.99	80	20.41	109.90		
		2531.02 ~ 2654.98	70	20.36	108.64		
		2526.00 ~ 2659.98	60	20.41	109.90		
		2521.01 ~ 2665.00	50	20.57	114.02	16.45	44.16
		2518.50 ~ 2667.48	45	20.41	109.90		
		2516.01 ~ 2670.00	40	20.39	109.40		
		2513.52 ~ 2672.49	35	20.31	107.40		
		2511.00 ~ 2675.00	30	20.24	105.68		
		2508.51 ~ 2677.50	25	20.21	104.95		
		2506.02 ~ 2679.99	20	20.15	103.51		
		2503.5 ~ 2682.48	15	20.08	101.86		
		2501.01 ~ 2685.00	10	20.05	101.16		

NR Band n41 (PC2)

FCC Part 27									
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Modulation	Mode	Conducted		Radiated	
						Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
n41	F	2546.01 ~ 2640.00	100	DFT-s OFDM	$\pi/2$ BPSK	25.86	385.48		
					QPSK	25.83	382.82	26.59	456.04
					16QAM	25.05	319.89	25.72	373.25
					64QAM	23.36	216.77		
					256QAM	21.36	136.77		
				CP-OFDM	QPSK	24.49	281.19		
					16QAM	23.91	246.04		
					64QAM	22.39	173.38		
					256QAM	19.56	90.36		
		2541.00 ~ 2644.98	90	DFT-s OFDM	$\pi/2$ BPSK	26.04	401.79		
					QPSK	26.04	401.79	26.85	484.17
					16QAM	25.09	322.85	26.06	403.65
					64QAM	23.52	224.91		
					256QAM	21.56	143.22		
				CP-OFDM	QPSK	24.64	291.07		
		2536.02 ~ 2649.99	80	DFT-s OFDM	$\pi/2$ BPSK	26.02	399.94		
					QPSK	25.97	395.37	26.82	480.84
					16QAM	25.04	319.15	25.85	384.59
					64QAM	23.25	211.35		
					256QAM	21.48	140.60		
				CP-OFDM	QPSK	24.70	295.12		
		2531.02 ~ 2654.98	70	DFT-s OFDM	$\pi/2$ BPSK	25.87	386.37		
					QPSK	25.84	383.71	26.79	477.53
					16QAM	25.00	316.23	25.84	383.71
					64QAM	23.18	207.97		
					256QAM	21.47	140.28		
				CP-OFDM	QPSK	24.54	284.45		
		2526.00 ~ 2659.98	60	DFT-s OFDM	$\pi/2$ BPSK	25.76	376.70		
					QPSK	25.86	385.48	26.82	480.84
					16QAM	24.82	303.39	25.77	377.57
					64QAM	23.01	199.99		
					256QAM	21.30	134.90		
				CP-OFDM	QPSK	24.48	280.54		
		2521.01 ~ 2665.00	50	DFT-s OFDM	$\pi/2$ BPSK	25.98	396.28		
					QPSK	26.02	399.94	26.93	493.17
					16QAM	24.99	315.50	25.87	386.37
					64QAM	23.29	213.30		
					256QAM	21.54	142.56		
				CP-OFDM	QPSK	24.54	284.45		
		2518.50 ~ 2667.48	45	DFT-s OFDM	$\pi/2$ BPSK	26.00	398.11		
					QPSK	26.01	399.02	26.90	489.78
					16QAM	25.05	319.89	25.95	393.55
					64QAM	23.42	219.79		
					256QAM	21.43	139.00		
				CP-OFDM	QPSK	24.61	289.07		
		2516.01 ~ 2670.00	40	DFT-s OFDM	$\pi/2$ BPSK	25.80	380.19		
					QPSK	25.88	387.26	26.72	469.89
					16QAM	24.84	304.79	25.80	380.19
					64QAM	23.14	206.06		
					256QAM	21.15	130.32		
				CP-OFDM	QPSK	24.40	275.42		
		2513.52 ~ 2672.49	35	DFT-s OFDM	$\pi/2$ BPSK	26.05	402.72		
					QPSK	26.06	403.65	26.89	488.65
					16QAM	25.10	323.59	25.92	390.84
					64QAM	23.38	217.77		
					256QAM	21.66	146.55		
				CP-OFDM	QPSK	24.75	298.54		
		2511.00 ~ 2675.00	30	DFT-s OFDM	$\pi/2$ BPSK	25.86	385.48		
					QPSK	25.90	389.05	26.65	462.38
					16QAM	24.90	309.03	25.72	373.25
					64QAM	23.12	205.12		
					256QAM	21.39	137.72		
				CP-OFDM	QPSK	24.44	277.97		
		2508.51 ~ 2677.50	25	DFT-s OFDM	$\pi/2$ BPSK	25.86	385.48		
					QPSK	25.97	395.37	26.70	467.74
					16QAM	24.94	311.89	25.70	371.54
					64QAM	23.24	210.86		
					256QAM	21.51	141.58		
				CP-OFDM	QPSK	24.53	283.79		

n41	F	2506.02 ~ 2679.99	20	DFT-s OFDM	$\pi/2$ BPSK	25.79	379.31		
					QPSK	25.82	381.94	26.51	447.71
					16QAM	24.79	301.30	25.53	357.27
					64QAM	23.11	204.64		
					256QAM	21.10	128.82		
		2503.50 ~ 2682.48	15	CP-OFDM	QPSK	24.32	270.40		
				DFT-s OFDM	$\pi/2$ BPSK	25.82	381.94		
					QPSK	25.90	389.05	26.62	459.20
					16QAM	24.88	307.61	25.63	365.59
					64QAM	23.12	205.12		
					256QAM	21.20	131.83		
		2501.01 ~ 2685.00	10	CP-OFDM	QPSK	24.47	279.90		
				DFT-s OFDM	$\pi/2$ BPSK	25.80	380.19		
					QPSK	25.91	389.94	26.61	458.14
					16QAM	24.88	307.61	25.64	366.44
					64QAM	23.14	206.06		
					256QAM	21.36	136.77		
				CP-OFDM	QPSK	24.48	280.54		

NR Band n41 (PC2, SRS2)

FCC Part 27							
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Conducted		Radiated	
				Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
n41	B	2546.01 ~ 2640.00	100	24.89	308.32		
		2541.00 ~ 2644.98	90	24.95	312.61		
		2536.02 ~ 2649.99	80	24.98	314.77	26.86	485.29
		2531.02 ~ 2654.98	70	24.85	305.49		
		2526.00 ~ 2659.98	60	24.79	301.30		
		2521.01 ~ 2665.00	50	24.72	296.48		
		2518.50 ~ 2667.48	45	23.59	228.56		
		2516.01 ~ 2670.00	40	23.65	231.74		
		2513.52 ~ 2672.49	35	23.82	240.99		
		2511.00 ~ 2675.00	30	23.73	236.05		
		2508.51 ~ 2677.50	25	23.72	235.50		
		2506.02 ~ 2679.99	20	23.48	222.84		
		2503.5 ~ 2682.48	15	23.42	219.79		
		2501.01 ~ 2685.00	10	23.35	216.27		

NR Band n41 (PC2, SRS3)

FCC Part 27							
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Conducted		Radiated	
				Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
n41	E	2546.01 ~ 2640.00	100	24.41	276.06		
		2541.00 ~ 2644.98	90	24.45	278.61		
		2536.02 ~ 2649.99	80	24.48	280.54		
		2531.02 ~ 2654.98	70	24.42	276.69		
		2526.00 ~ 2659.98	60	24.45	278.61		
		2521.01 ~ 2665.00	50	24.48	280.54		
		2518.50 ~ 2667.48	45	24.49	281.19	21.41	138.36
		2516.01 ~ 2670.00	40	24.41	276.06		
		2513.52 ~ 2672.49	35	24.47	279.90		
		2511.00 ~ 2675.00	30	24.41	276.06		
		2508.51 ~ 2677.50	25	24.45	278.61		
		2506.02 ~ 2679.99	20	24.23	264.85		
		2503.5 ~ 2682.48	15	24.08	255.86		
		2501.01 ~ 2685.00	10	23.82	240.99		

NR Band n41 (PC2, SRS4)

FCC Part 27							
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Conducted		Radiated	
				Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
n41	K	2546.01 ~ 2640.00	100	21.42	138.68		
		2541.00 ~ 2644.98	90	21.43	139.00		
		2536.02 ~ 2649.99	80	21.48	140.60	15.05	31.99
		2531.02 ~ 2654.98	70	21.33	135.83		
		2526.00 ~ 2659.98	60	21.28	134.28		
		2521.01 ~ 2665.00	50	21.22	132.43		
		2518.50 ~ 2667.48	45	21.38	137.40		
		2516.01 ~ 2670.00	40	21.25	133.35		
		2513.52 ~ 2672.49	35	21.11	129.12		
		2511.00 ~ 2675.00	30	20.91	123.31		
		2508.51 ~ 2677.50	25	20.75	118.85		
		2506.02 ~ 2679.99	20	20.70	117.49		
		2503.5 ~ 2682.48	15	20.79	119.95		
		2501.01 ~ 2685.00	10	20.72	118.03		

NR Band n66

FCC Part 27									
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Modulation	Mode	Conducted		Radiated	
						Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
n66	A	1732.50 ~ 1757.50	45	DFT-s OFDM	$\pi/2$ BPSK	24.08	255.86	24.50	281.84
					QPSK	24.02	252.35		
					16QAM	23.25	211.35	23.30	213.80
					64QAM	20.83	121.06		
				CP-OFDM	256QAM	19.36	86.30		
					QPSK	22.77	189.23		
					16QAM	22.01	158.85		
					64QAM	19.88	97.27		
					256QAM	16.59	45.60		
		1730.00 ~ 1760.00	40	DFT-s OFDM	$\pi/2$ BPSK	24.09	256.45	24.59	287.74
					QPSK	24.09	256.45		
					16QAM	23.09	203.70	23.37	217.27
					64QAM	20.96	124.74		
				CP-OFDM	256QAM	18.86	76.91		
					QPSK	22.84	192.31		
		1727.50 ~ 1762.50	35	DFT-s OFDM	$\pi/2$ BPSK	24.16	260.62	24.59	287.74
					QPSK	24.11	257.63		
					16QAM	23.32	214.78	23.37	217.27
					64QAM	20.94	124.17		
				CP-OFDM	256QAM	18.92	77.98		
					QPSK	22.77	189.23		
		1725.00 ~ 1765.00	30	DFT-s OFDM	$\pi/2$ BPSK	24.28	267.92	23.79	239.33
					QPSK	23.31	214.29		
					16QAM	23.08	203.24	23.07	202.77
					64QAM	20.72	118.03		
				CP-OFDM	256QAM	19.04	80.17		
					QPSK	22.94	196.79	23.62	230.14
		1722.50 ~ 1767.50	25	DFT-s OFDM	$\pi/2$ BPSK	24.19	262.42		
					QPSK	23.22	209.89		
					16QAM	23.30	213.80	23.29	213.30
					64QAM	20.88	122.46		
				CP-OFDM	256QAM	18.96	78.70		
					QPSK	22.34	171.40		
		1720.00 ~ 1770.00	20	DFT-s OFDM	$\pi/2$ BPSK	24.01	251.77	23.70	234.42
					QPSK	23.24	210.86		
					16QAM	23.04	201.37	23.12	205.12
					64QAM	20.72	118.03		
				CP-OFDM	256QAM	18.94	78.34		
					QPSK	22.03	159.59		
		1717.50 ~ 1772.50	15	DFT-s OFDM	$\pi/2$ BPSK	24.08	255.86	23.64	231.21
					QPSK	23.16	207.01		
					16QAM	23.16	207.01	23.33	215.28
					64QAM	20.84	121.34		
				CP-OFDM	256QAM	18.97	78.89		
					QPSK	22.12	162.93		
		1715.00 ~ 1775.00	10	DFT-s OFDM	$\pi/2$ BPSK	24.08	255.86	23.74	236.59
					QPSK	23.20	208.93		
					16QAM	23.12	205.12	23.24	210.86
					64QAM	20.78	119.67		
				CP-OFDM	256QAM	18.88	77.27		
					QPSK	22.16	164.44		
		1712.50 ~ 1777.50	5	DFT-s OFDM	$\pi/2$ BPSK	24.17	261.22	23.73	236.05
					QPSK	23.13	205.59		
					16QAM	23.40	218.78	23.74	236.59
					64QAM	20.90	123.03		
				CP-OFDM	256QAM	18.86	76.91		
					QPSK	22.03	159.59		

FCC Part 27									
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Modulation	Mode	Conducted		Radiated	
						Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
n66	F	1732.50 ~ 1757.50	45	DFT-s OFDM	$\pi/2$ BPSK	23.75	237.14		
					QPSK	23.67	232.81	22.91	195.43
					16QAM	23.00	199.53	21.34	136.14
					64QAM	21.08	128.23		
					256QAM	19.05	80.35		
				CP-OFDM	QPSK	22.63	183.23		
					16QAM	21.72	148.59		
					64QAM	19.60	91.20		
					256QAM	17.32	53.95		
		1730.00 ~ 1760.00	40	DFT-s OFDM	$\pi/2$ BPSK	23.75	237.14		
					QPSK	23.64	231.21	22.97	198.15
					16QAM	22.85	192.75	21.17	130.92
					64QAM	20.64	115.88		
					256QAM	18.59	72.28		
				CP-OFDM	QPSK	22.12	162.93		
		1727.50 ~ 1762.50	35	DFT-s OFDM	$\pi/2$ BPSK	23.70	234.42		
					QPSK	23.73	236.05	22.97	198.15
					16QAM	22.88	194.09	21.17	130.92
					64QAM	20.77	119.40		
					256QAM	18.75	74.99		
				CP-OFDM	QPSK	22.34	171.40		
		1725.00 ~ 1765.00	30	DFT-s OFDM	$\pi/2$ BPSK	23.82	240.99		
					QPSK	23.85	242.66	22.93	196.34
					16QAM	22.80	190.55	21.15	130.32
					64QAM	20.62	115.35		
					256QAM	18.61	72.61		
				CP-OFDM	QPSK	22.33	171.00		
		1722.50 ~ 1767.50	25	DFT-s OFDM	$\pi/2$ BPSK	23.78	238.78		
					QPSK	23.72	235.50	22.96	197.70
					16QAM	22.84	192.31	21.09	128.53
					64QAM	20.91	123.31		
					256QAM	18.90	77.62		
				CP-OFDM	QPSK	22.61	182.39		
		1720.00 ~ 1770.00	20	DFT-s OFDM	$\pi/2$ BPSK	23.59	228.56		
					QPSK	23.56	226.99	22.80	190.55
					16QAM	22.72	187.07	20.85	121.62
					64QAM	20.71	117.76		
					256QAM	18.67	73.62		
				CP-OFDM	QPSK	22.26	168.27		
		1717.50 ~ 1772.50	15	DFT-s OFDM	$\pi/2$ BPSK	23.61	229.61		
					QPSK	23.66	232.27	22.82	191.43
					16QAM	22.81	190.99	20.93	123.88
					64QAM	20.84	121.34		
					256QAM	18.80	75.86		
				CP-OFDM	QPSK	22.39	173.38		
		1715.00 ~ 1775.00	10	DFT-s OFDM	$\pi/2$ BPSK	23.56	226.99		
					QPSK	23.48	222.84	22.72	187.07
					16QAM	22.67	184.93	20.80	120.23
					64QAM	20.64	115.88		
					256QAM	18.61	72.61		
				CP-OFDM	QPSK	22.19	165.58		
		1712.50 ~ 1777.50	5	DFT-s OFDM	$\pi/2$ BPSK	23.58	228.03		
					QPSK	23.57	227.51	22.81	190.99
					16QAM	22.67	184.93	20.78	119.67
					64QAM	20.65	116.14		
					256QAM	18.62	72.78		
				CP-OFDM	QPSK	22.19	165.58		

NR Band n70

FCC Part 27									
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Modulation	Mode	Conducted		Radiated	
						Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
n70	A	1702.5	15	DFT-s OFDM	$\pi/2$ BPSK	23.85	242.66	24.06	254.68
					QPSK	23.79	239.33		
					16QAM	22.72	187.07	23.78	238.78
					64QAM	20.41	109.90		
				CP-OFDM	256QAM	18.58	72.11		
					QPSK	22.45	175.79		
					16QAM	21.93	155.96		
					64QAM	19.43	87.70		
					256QAM	17.00	50.12		
		1700.00 - 1705.00	10	DFT-s OFDM	$\pi/2$ BPSK	23.83	241.55	24.06	254.68
					QPSK	23.72	235.50		
					16QAM	22.80	190.55	22.85	192.75
					64QAM	20.51	112.46		
				CP-OFDM	256QAM	18.76	75.16		
					QPSK	22.48	177.01		
		1697.50 - 1707.50	5	DFT-s OFDM	$\pi/2$ BPSK	23.85	242.66	24.01	251.77
					QPSK	23.80	239.88		
					16QAM	22.92	195.88	22.91	195.43
					64QAM	20.68	116.95		
				CP-OFDM	256QAM	18.66	73.45		
					QPSK	22.56	180.30		
n70	F	1702.5	15	DFT-s OFDM	$\pi/2$ BPSK	23.74	236.59		
					QPSK	23.84	242.10	21.78	150.66
					16QAM	22.77	189.23	20.98	125.31
					64QAM	20.71	117.76		
				CP-OFDM	256QAM	18.68	73.79		
					QPSK	22.47	176.60		
					16QAM	21.20	131.83		
					64QAM	19.54	89.95		
		1700.00 - 1705.00	10	DFT-s OFDM	256QAM	16.41	43.75		
					$\pi/2$ BPSK	23.73	236.05		
					QPSK	23.71	234.96	22.26	168.27
					16QAM	22.85	192.75	21.15	130.32
				CP-OFDM	64QAM	20.93	123.88		
					256QAM	18.90	77.62		
					QPSK	22.51	178.24		
		1697.50 - 1707.50	5	DFT-s OFDM	$\pi/2$ BPSK	23.73	236.05		
					QPSK	23.74	236.59	22.27	168.66
					16QAM	22.86	193.20	21.33	135.83
					64QAM	20.93	123.88		
				CP-OFDM	256QAM	18.88	77.27		
					QPSK	22.51	178.24		

NR Band n71

FCC Part 27									
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Modulation	Mode	Conducted		Radiated	
						Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
n71	A	680.50	35	DFT-s OFDM	$\pi/2$ BPSK	23.91	246.04		
					QPSK	22.99	199.07	15.17	32.89
					16QAM	22.77	189.23	14.19	26.24
					64QAM	20.15	103.51		
				CP-OFDM	256QAM	18.90	77.62		
					QPSK	22.26	168.27		
					16QAM	22.05	160.32		
					64QAM	20.35	108.39		
					256QAM	17.37	54.58		
		680.50	30	DFT-s OFDM	$\pi/2$ BPSK	24.06	254.68		
					QPSK	24.31	269.77	15.25	33.50
					16QAM	23.01	199.99	14.97	31.41
					64QAM	21.81	151.71		
				CP-OFDM	256QAM	19.19	82.99		
					QPSK	22.23	167.11		
		680.50	25	DFT-s OFDM	$\pi/2$ BPSK	24.08	255.86		
					QPSK	24.09	256.45	15.25	33.50
					16QAM	23.39	218.27	14.97	31.41
					64QAM	21.47	140.28		
				CP-OFDM	256QAM	19.53	89.74		
					QPSK	22.74	187.93		
		673.00 ~ 688.00	20	DFT-s OFDM	$\pi/2$ BPSK	24.04	253.51		
					QPSK	23.04	201.37	16.47	44.36
					16QAM	23.18	207.97	15.14	32.66
					64QAM	20.62	115.35		
				CP-OFDM	256QAM	18.74	74.82		
					QPSK	21.76	149.97		
		670.50 ~ 690.50	15	DFT-s OFDM	$\pi/2$ BPSK	24.10	257.04		
					QPSK	23.08	203.24	16.37	43.35
					16QAM	23.17	207.49	15.17	32.89
					64QAM	21.07	127.94		
				CP-OFDM	256QAM	19.08	80.91		
					QPSK	21.74	149.28		
		668.00 ~ 693.00	10	DFT-s OFDM	$\pi/2$ BPSK	23.99	250.61		
					QPSK	22.95	197.24	16.24	42.07
					16QAM	22.97	198.15	15.14	32.66
					64QAM	20.73	118.30		
				CP-OFDM	256QAM	18.72	74.47		
					QPSK	21.92	155.60		
		665.50 ~ 695.50	5	DFT-s OFDM	$\pi/2$ BPSK	24.13	258.82		
					QPSK	24.13	258.82	17.42	55.21
					16QAM	23.17	207.49	15.34	34.20
					64QAM	20.96	124.74		
				CP-OFDM	256QAM	19.05	80.35		
					QPSK	21.96	157.04		

FCC Part 27									
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Modulation	Mode	Conducted		Radiated	
						Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
n71	E	680.50	35	DFT-s OFDM	$\pi/2$ BPSK	24.01	251.77		
					QPSK	23.99	250.61	18.83	76.38
					16QAM	23.27	212.32	17.83	60.67
					64QAM	21.36	136.77		
					256QAM	19.32	85.51		
				CP-OFDM	QPSK	23.00	199.53		
					16QAM	21.68	147.23		
					64QAM	20.15	103.51		
					256QAM	17.18	52.24		
		680.50	30	DFT-s OFDM	$\pi/2$ BPSK	24.26	266.69		
					QPSK	24.51	282.49	18.90	77.62
					16QAM	23.76	237.68	19.09	81.10
					64QAM	21.34	136.14		
					256QAM	19.19	82.99		
				CP-OFDM	QPSK	22.37	172.58		
		680.50	25	DFT-s OFDM	$\pi/2$ BPSK	24.10	257.04		
					QPSK	24.05	254.10	18.78	75.51
					16QAM	23.22	209.89	19.09	81.10
					64QAM	21.02	126.47		
					256QAM	19.49	88.92		
				CP-OFDM	QPSK	22.64	183.65		
		673.00 ~ 688.00	20	DFT-s OFDM	$\pi/2$ BPSK	24.07	255.27		
					QPSK	24.13	258.82	18.61	72.61
					16QAM	23.10	204.17	17.40	54.95
					64QAM	20.93	123.88		
					256QAM	18.98	79.07		
				CP-OFDM	QPSK	22.55	179.89		
		670.50 ~ 690.50	15	DFT-s OFDM	$\pi/2$ BPSK	24.22	264.24		
					QPSK	24.08	255.86	18.60	72.44
					16QAM	23.11	204.64	17.58	57.28
					64QAM	20.98	125.31		
					256QAM	19.00	79.43		
				CP-OFDM	QPSK	22.66	184.50		
		668.00 ~ 693.00	10	DFT-s OFDM	$\pi/2$ BPSK	24.08	255.86		
					QPSK	24.01	251.77	18.62	72.78
					16QAM	23.03	200.91	17.64	58.08
					64QAM	20.99	125.60		
					256QAM	19.08	80.91		
				CP-OFDM	QPSK	22.40	173.78		
		665.50 ~ 695.50	5	DFT-s OFDM	$\pi/2$ BPSK	24.13	258.82		
					QPSK	24.10	257.04	18.62	72.78
					16QAM	23.22	209.89	17.83	60.67
					64QAM	21.23	132.74		
					256QAM	19.18	82.79		
				CP-OFDM	QPSK	22.92	195.88		

NR Band n77(PC2, 3450-3550 MHz)

FCC Part 27									
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Modulation	Mode	Conducted		Radiated	
						Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
n77	F	3499.98	100	DFT-s OFDM	$\pi/2$ BPSK	26.83	481.95		
					QSK	26.73	470.98	25.81	381.07
					16QAM	25.48	353.18	24.96	313.33
					64QAM	23.91	246.04		
				CP-OFDM	256QAM	22.05	160.32		
					QPSK	25.44	349.95		
					16QAM	24.77	299.92		
					64QAM	22.98	198.61		
					256QAM	19.87	97.05		
		3495.00 ~ 3504.99	90	DFT-s OFDM	$\pi/2$ BPSK	26.79	477.53		
					QPSK	26.72	469.89	25.92	390.84
					16QAM	25.97	395.37	25.36	343.56
					64QAM	24.20	263.03		
				CP-OFDM	256QAM	22.30	169.82		
					QPSK	25.40	346.74		
		3490.02 ~ 3510.00	80	DFT-s OFDM	$\pi/2$ BPSK	26.85	484.17		
					QPSK	26.76	474.24	25.84	383.71
					16QAM	25.88	387.26	25.46	351.56
					64QAM	24.21	263.63		
				CP-OFDM	256QAM	22.23	167.11		
					QPSK	25.29	338.06		
		3485.01 ~ 3514.98	70	DFT-s OFDM	$\pi/2$ BPSK	26.76	474.24		
					QPSK	26.69	466.66	25.69	370.68
					16QAM	25.79	379.31	25.32	340.41
					64QAM	24.09	256.45		
				CP-OFDM	256QAM	22.20	165.96		
					QPSK	25.26	335.74		
		3480.00 ~ 3519.99	60	DFT-s OFDM	$\pi/2$ BPSK	26.65	462.38		
					QPSK	26.62	459.20	25.57	360.58
					16QAM	25.60	363.08	25.15	327.34
					64QAM	23.83	241.55		
				CP-OFDM	256QAM	22.15	164.06		
					QPSK	25.40	346.74		
		3475.02 ~ 3525.00	50	DFT-s OFDM	$\pi/2$ BPSK	26.90	489.78		
					QPSK	26.91	490.91	25.92	390.84
					16QAM	25.89	388.15	25.23	333.43
					64QAM	24.06	254.68		
				CP-OFDM	256QAM	22.34	171.40		
					QPSK	25.44	349.95		
		3470.01 ~ 3529.98	40	DFT-s OFDM	$\pi/2$ BPSK	26.88	487.53		
					QPSK	26.70	467.74	25.64	366.44
					16QAM	25.74	374.97	25.12	325.09
					64QAM	23.84	242.10		
				CP-OFDM	256QAM	22.17	164.82		
					QPSK	25.21	331.89		
		3465.00 ~ 3535.02	30	DFT-s OFDM	$\pi/2$ BPSK	26.73	470.98		
					QPSK	26.74	472.06	25.73	374.11
					16QAM	25.68	369.83	25.09	322.85
					64QAM	24.08	255.86		
				CP-OFDM	256QAM	22.19	165.58		
					QPSK	25.23	333.43		
		3462.51 ~ 3537.48	25	DFT-s OFDM	$\pi/2$ BPSK	26.79	477.53		
					QPSK	26.73	470.98	25.74	374.97
					16QAM	25.69	370.68	25.11	324.34
					64QAM	24.11	257.63		
				CP-OFDM	256QAM	22.18	165.20		
					QPSK	25.42	348.34		
		3460.02 ~ 3540.00	20	DFT-s OFDM	$\pi/2$ BPSK	26.71	468.81		
					QPSK	26.64	461.32	25.69	370.68
					16QAM	25.60	363.08	24.93	311.17
					64QAM	23.95	248.31		
				CP-OFDM	256QAM	22.12	162.93		
					QPSK	25.05	319.89		
		3457.50 ~ 3542.49	15	DFT-s OFDM	$\pi/2$ BPSK	26.66	463.45		
					QPSK	26.54	450.82	25.58	361.41
					16QAM	25.62	364.75	25.07	321.37
					64QAM	23.94	247.74		
				CP-OFDM	256QAM	22.07	161.06		
					QPSK	25.00	316.23		

n77	F	3455.01 ~ 3544.99	10	DFT-s OFDM	$\pi/2$ BPSK	26.71	468.81		
					QPSK	26.65	462.38	25.65	367.28
					16QAM	25.63	365.59	25.12	325.09
					64QAM	23.95	248.31		
				CP-OFDM	256QAM	22.03	159.59		
					QPSK	25.22	332.66		

NR Band n77 (PC2, 3450-3550 MHz, SRS2, ANT C)

FCC Part 27							
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Conducted		Radiated	
				Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
n77	C	3499.98	100	21.62	145.21	22.83	191.87
		3495.00 ~ 3504.99	90	21.55	142.89		
		3490.02 ~ 3510.00	80	21.56	143.22		
		3485.01 ~ 3514.98	70	21.59	144.21		
		3480.00 ~ 3519.99	60	21.58	143.88		
		3475.02 ~ 3525.00	50	21.55	142.89		
		3470.01 ~ 3529.98	40	21.48	140.60		
		3465.00 ~ 3535.02	30	21.42	138.68		
		3462.51 ~ 3537.48	25	21.38	137.40		
		3460.02 ~ 3540.00	20	21.33	135.83		
		3457.50 ~ 3542.49	15	21.15	130.32		
		3455.01 ~ 3549.98	10	21.23	132.74		

NR Band n77 (PC2, 3450-3550 MHz, SRS3)

FCC Part 27							
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Conducted		Radiated	
				Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
n77	H	3499.98	100	25.03	318.42	21.03	126.77
		3495.00 ~ 3504.99	90	24.94	311.89		
		3490.02 ~ 3510.00	80	24.89	308.32		
		3485.01 ~ 3514.98	70	24.91	309.74		
		3480.00 ~ 3519.99	60	24.95	312.61		
		3475.02 ~ 3525.00	50	24.98	314.77		
		3470.01 ~ 3529.98	40	24.85	305.49		
		3465.00 ~ 3535.02	30	24.79	301.30		
		3462.51 ~ 3537.48	25	24.74	297.85		
		3460.02 ~ 3540.00	20	24.61	289.07		
		3457.50 ~ 3542.49	15	24.52	283.14		
		3455.01 ~ 3549.98	10	24.45	278.61		

NR Band n77 (PC2, 3450-3550 MHz, SRS4)

FCC Part 27							
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Conducted		Radiated	
				Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
n77	K	3499.98	100	19.35	86.10	18.23	66.53
		3495.00 ~ 3504.99	90	19.25	84.14		
		3490.02 ~ 3510.00	80	19.21	83.37		
		3485.01 ~ 3514.98	70	19.13	81.85		
		3480.00 ~ 3519.99	60	19.12	81.66		
		3475.02 ~ 3525.00	50	19.15	82.22		
		3470.01 ~ 3529.98	40	19.20	83.18		
		3465.00 ~ 3535.02	30	19.21	83.37		
		3462.51 ~ 3537.48	25	19.16	82.41		
		3460.02 ~ 3540.00	20	19.19	82.99		
		3457.50 ~ 3542.49	15	19.22	83.56		
		3455.01 ~ 3549.98	10	19.15	82.22		

NR Band n77(PC2, 3700-3980 MHz)

FCC Part 27									
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Modulation	Mode	Conducted		Radiated	
						Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
n77	F	3750.00 ~ 3930.00	100	DFT-s OFDM	$\pi/2$ BPSK	26.71	468.81		
					QSK	26.66	463.45	26.13	410.20
					16QAM	25.55	358.92	24.92	310.46
					64QAM	23.99	250.61		
					256QAM	22.10	162.18		
				CP-OFDM	QPSK	25.19	330.37		
					16QAM	24.67	293.09		
					64QAM	22.80	190.55		
					256QAM	19.95	98.86		
		3745.02 ~ 3934.98	90	DFT-s OFDM	$\pi/2$ BPSK	26.70	467.74		
					QPSK	26.65	462.38	26.03	400.87
					16QAM	25.58	361.41	25.00	316.23
					64QAM	23.97	249.46		
					256QAM	22.02	159.22		
				CP-OFDM	QPSK	25.30	338.84		
		3740.01 ~ 3939.99	80	DFT-s OFDM	$\pi/2$ BPSK	26.71	468.81		
					QPSK	26.69	466.66	26.07	404.58
					16QAM	25.58	361.41	25.00	316.23
					64QAM	23.88	244.34		
					256QAM	21.90	154.88		
				CP-OFDM	QPSK	25.02	317.69		
		3735.02 ~ 3944.98	70	DFT-s OFDM	$\pi/2$ BPSK	26.56	452.90		
					QPSK	26.60	457.09	26.09	406.44
					16QAM	25.50	354.81	24.97	314.05
					64QAM	23.92	246.60		
					256QAM	22.26	168.27		
				CP-OFDM	QPSK	25.06	320.63		
		3730.02 ~ 3949.98	60	DFT-s OFDM	$\pi/2$ BPSK	26.53	449.78		
					QPSK	26.41	437.52	26.00	398.11
					16QAM	25.41	347.54	24.92	310.46
					64QAM	23.77	238.23		
					256QAM	21.87	153.82		
				CP-OFDM	QPSK	24.92	310.46		
		3725.01 ~ 3954.99	50	DFT-s OFDM	$\pi/2$ BPSK	26.74	472.06		
					QPSK	26.75	473.15	26.27	423.64
					16QAM	25.71	372.39	25.27	336.51
					64QAM	23.99	250.61		
					256QAM	22.09	161.81		
				CP-OFDM	QPSK	25.05	319.89		
		3720.02 ~ 3960.0	40	DFT-s OFDM	$\pi/2$ BPSK	26.57	453.94		
					QPSK	26.54	450.82	26.02	399.94
					16QAM	25.47	352.37	24.99	315.50
					64QAM	23.80	239.88		
					256QAM	21.76	149.97		
				CP-OFDM	QPSK	25.07	321.37		
		3715.02 ~ 3964.98	30	DFT-s OFDM	$\pi/2$ BPSK	26.64	461.32		
					QPSK	26.52	448.75	25.91	389.94
					16QAM	25.56	359.75	24.99	315.50
					64QAM	23.72	235.50		
					256QAM	22.05	160.32		
				CP-OFDM	QPSK	25.05	319.89		
		3712.50 ~ 3967.50	25	DFT-s OFDM	$\pi/2$ BPSK	26.60	457.09		
					QPSK	26.56	452.90	25.00	316.23
					16QAM	25.46	351.56	24.95	312.61
					64QAM	23.76	237.68		
					256QAM	21.95	156.68		
				CP-OFDM	QPSK	25.19	330.37		
		3710.01 ~ 3969.99	20	DFT-s OFDM	$\pi/2$ BPSK	26.49	445.66		
					QPSK	26.39	435.51	24.77	299.92
					16QAM	25.36	343.56	24.85	305.49
					64QAM	23.57	227.51		
					256QAM	21.79	151.01		
				CP-OFDM	QPSK	24.90	309.03		
		3707.52 ~ 3972.48	15	DFT-s OFDM	$\pi/2$ BPSK	26.52	448.75		
					QPSK	26.51	447.71	24.81	302.69
					16QAM	25.37	344.35	24.78	300.61
					64QAM	23.66	232.27		
					256QAM	21.83	152.41		
				CP-OFDM	QPSK	24.87	306.90		

n77	F	3705.00 ~ 3975.00	10	DFT-s OFDM	$\pi/2$ BPSK	26.53	449.78		
					QPSK	26.63	460.26	24.88	307.61
					16QAM	25.40	346.74	24.76	299.23
					64QAM	23.91	246.04		
				CP-OFDM	256QAM	21.92	155.60		
					QPSK	24.82	303.39		

NR Band n77 (PC2, 3700-3980 MHz, SRS2)

FCC Part 27							
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Conducted		Radiated	
				Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
n77	C	3750.00 ~ 3930.00	100	21.95	156.68	25.28	337.29
		3745.02 ~ 3934.98	90	21.91	155.24		
		3740.01 ~ 3939.99	80	21.93	155.96		
		3735.02 ~ 3944.98	70	21.89	154.53		
		3730.02 ~ 3949.98	60	21.94	156.31		
		3725.01 ~ 3954.99	50	21.83	152.41		
		3720.02 ~ 3960.00	40	21.85	153.11		
		3715.02 ~ 3964.98	30	21.79	151.01		
		3712.50 ~ 3967.50	25	21.82	152.05		
		3710.01 ~ 3969.99	20	21.89	154.53		
		3707.52 ~ 3972.48	15	21.91	155.24		
		3705.00 ~ 3975.00	10	21.92	155.60		

NR Band n77 (PC2, 3700-3980 MHz, SRS3)

FCC Part 27							
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Conducted		Radiated	
				Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
n77	H	3750.00 ~ 3930.00	100	25.42	348.34	25.57	360.58
		3745.02 ~ 3934.98	90	25.38	345.14		
		3740.01 ~ 3939.99	80	25.31	339.63		
		3735.02 ~ 3944.98	70	25.25	334.97		
		3730.02 ~ 3949.98	60	25.20	331.13		
		3725.01 ~ 3954.99	50	25.19	330.37		
		3720.02 ~ 3960.00	40	25.20	331.13		
		3715.02 ~ 3964.98	30	25.22	332.66		
		3712.50 ~ 3967.50	25	25.16	328.10		
		3710.01 ~ 3969.99	20	25.15	327.34		
		3707.52 ~ 3972.48	15	25.10	323.59		
		3705.00 ~ 3975.00	10	25.14	326.59		

NR Band n77 (PC2, 3700-3980 MHz, SRS4)

FCC Part 27							
Band	ANT	Frequency Range [MHz]	BandWidth [MHz]	Conducted		Radiated	
				Avg [dBm]	Avg [mW]	Avg [dBm]	Avg [mW]
n77	K	3750.00 ~ 3930.00	100	20.84	121.34	22.52	178.65
		3745.02 ~ 3934.98	90	20.81	120.50		
		3740.01 ~ 3939.99	80	20.72	118.03		
		3735.02 ~ 3944.98	70	20.65	116.14		
		3730.02 ~ 3949.98	60	20.59	114.55		
		3725.01 ~ 3954.99	50	20.52	112.72		
		3720.02 ~ 3960.00	40	20.56	113.76		
		3715.02 ~ 3964.98	30	20.55	113.50		
		3712.50 ~ 3967.50	25	20.41	109.90		
		3710.01 ~ 3969.99	20	20.49	111.94		
		3707.52 ~ 3972.48	15	20.58	114.29		
		3705.00 ~ 3975.00	10	20.61	115.08		

5.3. DESCRIPTION OF AVAILABLE ANTENNAS

The radio utilizes a internal antenna for the supported bands with a maximum peak gain as follow:

Frequency (MHz)	ANT	Peak Gain (dBi/dBd)
LTE Band 7 2500 - 2570 MHz	B	-3.3
	F	-3.3
LTE Band 12 / NR n12 699 - 716 MHz	A	-6.2
	E	-4.7
LTE Band 13 777 - 787 MHz	A	-6.7
	E	-5.1
LTE Band 30 / NR Band n30 2305 - 2315 MHz	A	-2.1
	F	-3.2
LTE Band 38, 41 / NR Band n38, 41 2496 - 2690 MHz	B	-3.3
	F	-0.2
	E	-6.1
	K	-8.8
WCDMA B4 / LTE Band 4, 66 / NR Band n66 1710 - 1780 MHz	A	-1.1
	F	-2.5
NR Band n70 1698 - 1710 MHz	A	-1.1
	F	-1.9
LTE Bnad 71 / NR Band n71 663 - 698 MHz	A	-6.7
	E	-4.9
NR Band n77 3450 - 3550 MHz / 3700 - 3980 MHz NR Band n78 3450 - 3550 MHz / 3700 - 3800 MHz	F	-1.6
	C	-3.1
	H	-2.3
	K	-6.4

5.4. WORST-CASE ORIENTATION

Following Modes should be considered as worst-case scenario for all other measurements.

- UMTS REL 99/HSDPA
The worst-case scenario for all measurements is based on the average conducted output power measurement investigation results. Output power measurements were measured on REL 99 and HSDPA modulations. It was found REL 99 results were worst case.
- LTE Bands
The worst-case scenario for all measurements is based on the average conducted output power measurement investigation results. Output power measurements were measured on QPSK, 16QAM, 64QAM and 256QAM modulations. It was found QPSK and 16QAM results were worst case.

As for the Antenna Switching supported either Tx Device Hopping or ASDIV (Antenna Switching Diversity) conditions. Only the Tx trigger is different and there is no difference in the results regarding the method. It has been verified. Both ASDIV and Tx device hopping can be implemented through the application provided by the manufacturer.

Band	Antenna Switching
LTE B12, 13, 71	ASDIV
LTE B7, 30, 41, 66	Tx Device Hopping

- It was tested for all rf ports and, 'Main ANT' conducted test power is the same or higher than 'Sub ANT', so we reported with 'Main ANT'. ('Sub ANT': B13, B41)
So the test case is as below.

Band	Main ANT	Tune up Limit (dBm)	Sub ANT	Tune up Limit (dBm)
LTE B7	<u>B</u>	<u>24.5</u>	F	24.5
LTE B12	<u>A</u>	<u>25.0</u>	E	25.0
LTE B13	A	25.0	<u>E</u>	<u>25.0</u>
LTE B30	<u>A</u>	<u>23.5</u>	F	23.0
LTE B41	B	25.0	<u>E</u>	<u>25.0</u>
LTE B66	<u>A</u>	<u>24.5</u>	F	24.5
LTE B71	<u>A</u>	<u>25.0</u>	E	25.0

Test Item	Test case antenna & port
Conducted output power	All
RF port test	All (Worst case reported)
ERP / EIRP	All
Radiated Spurious Emissions	All

- NR Bands (n7,12,41,71,77)
The worst-case scenario for all measurements is based on the average conducted output power measurement investigation results. Output power measurements were measured on $\pi/2$ BPSK, QPSK, 16QAM, 64QAM and 256QAM modulations. It was found QPSK and 16QAM results were worst case.
- NR Bands (n30,66,70)
The worst-case scenario for all measurements is based on the average conducted output power measurement investigation results. Output power measurements were measured on $\pi/2$ BPSK, QPSK, 16QAM, 64QAM and 256QAM modulations. It was found $\pi/2$ BPSK and 16QAM results were worst case.

This device supports NSA and SA Mode and Worst case reported.
So the test case is as below.

NR Band	NSA	SA
n7	-	<u>Stand Alone</u>
n12	-	<u>Stand Alone</u>
n30	-	<u>Stand Alone</u>
n41	B2, 5, 12, 66	<u>Stand Alone</u>
n66	B2, 5, 12, 13, 48	<u>Stand Alone</u>
n70	-	<u>Stand Alone</u>
n71	B2, 48, 66	<u>Stand Alone</u>
n77	B2, 5, 12, 13, 66	<u>Stand Alone</u>

- SRS
The worst-case bandwidth scenario is based on the average conducted output power measurement investigation results.
- As for the Antenna Switching supported either Tx Device Hopping or ASDIV (Antenna Switching Diversity) conditions. Only the Tx trigger is different and there is no difference in the results regarding the method. It has been verified. Both ASDIV and Tx device hopping can be implemented through the application provided by the manufacturer.

Band	Antenna Switching
NR n12,71	ASDIV
NR n7,30,41,66,70	Tx Device Hopping

- It was tested for all rf ports and, 'Main ANT' conducted test power is the same or higher than 'Sub ANT', so we reported with 'Main ANT'. ('Sub ANT': n12, n71)
So the test case is as below.

Band	Main ANT	Tune up Limit (dBm)	Sub ANT	Tune up Limit (dBm)
NR n7	<u>B</u>	<u>24.5</u>	F	24.0
NR n12	A	25.0	<u>E</u>	<u>25.0</u>
NR n30	<u>A</u>	<u>23.5</u>	F	23.0
NR n41(PC2)	<u>B</u>	<u>27.0</u>	F	27.0
			SRS 1,2,3	-
NR n66	<u>A</u>	<u>24.5</u>	F	24.5
NR n70	<u>A</u>	<u>24.5</u>	E	24.5
NR n71	A	25.0	<u>E</u>	<u>25.0</u>
NR n77(PC2)	<u>F</u>	<u>27.0</u>	SRS 1,2,3	-

Test Item	Test case antenna & port
Conducted output power	All
RF port test	All (Worst case reported)
ERP / EIRP	All
Radiated Spurious Emissions	All

LTE Band 4 (ANT A, F)

LTE Band 4 (Frequency range: 1710-1755 MHz) is covered by LTE Band 66 (Frequency range: 1710-1780 MHz) due to overlapping frequency range, maximum tune-up limit and same channel bandwidth.

LTE Band 38 (ANT B, F)

LTE Band 38 (Frequency range: 2570-2620 MHz) is covered by LTE Band 41(Frequency range: 2496-2690 MHz) due to overlapping frequency range, maximum tune-up limit and same channel bandwidth.

NR Band n78 (PC2) (ANT F, C, H, K)

NR Band n78 (Frequency range: 3450-3550 MHz, 3700-3800 MHz) is covered by NR Band n77(Frequency range: 3450-3550 MHz, 3700-3980 MHz) due to overlapping frequency range, maximum tune-up limit and same channel bandwidth.

● Conducted Spurious Emission

Highest conducted output power setting for each bands						
LTE Band	ANT	Frequency (MHz)	Bandwidth (MHz)	Modulation	RB size	RB offset
7	B	2502.50	5	QPSK	1	12
		2535.00			1	24
		2567.50			1	0
12	A	704.00	10	QPSK	1	0
		707.50			1	0
		711.00			1	25
13	E	779.50	5	QPSK	1	24
		782.00			1	24
		784.50			1	0
30	A	2307.50	5	QPSK	1	24
		2310.00			1	12
		2312.50			1	12
41 (PC3)	F	2498.50	5	QPSK	1	12
		2593.00			1	12
		2687.50			1	12
66	A	1717.50	15	QPSK	1	37
		1745.00			1	37
		1772.50			1	74
71	A	668.00	10	QPSK	1	49
		680.50			1	25
		693.00			1	49
NR Band	ANT	Frequency (MHz)	Bandwidth (MHz)	Modulation	RB size	RB offset
7	B	2502.50	5	DFT-s OFDM QPSK	1	1
		2535.00			1	1
		2567.50			1	1
12	E	704.00	10	DFT-s OFDM QPSK	1	1
		707.50			1	1
		711.00			1	1
30	A	2307.50	5	DFT-s OFDM BPSK	1	23
		2310.00			1	13
		2312.50			1	13
41 (PC2)	B	2521.01	50	DFT-s OFDM QPSK	1	67
		2592.99			1	131
		2665.00			1	131
66	A	1725.00	30	DFT-s OFDM BPSK	1	158
		1745.00			1	158
		1765.00			1	1
70	A	1702.50	15	DFT-s OFDM BPSK	1	77
71	E	678.00	30	DFT-s OFDM QPSK	1	104
		680.50			1	104
		683.00			1	104
77 (PC2) (3450 - 3550 MHz)	F	3475.02	50	DFT-s OFDM QPSK	1	1
		3499.98			1	67
		3525.00			1	67
77 (PC2) (3700 - 3980 MHz)	F	3725.01	50	DFT-s OFDM QPSK	1	67
		3840.00			1	67
		3954.99			1	67

● Radiated Spurious Emission

Highest ERP/ EIRP setting for each bands						
LTE Band	ANT	Frequency (MHz)	Bandwidth (MHz)	Modulation	RB size	RB offset
7	B	2502.50	5	QPSK	1	12
		2535.00			1	24
		2567.50			1	0
	F	2510.00	20	QPSK	1	0
		2535.00			1	99
		2560.00			1	49
12	A	701.50	5	QPSK	1	24
		707.50			1	12
		713.50			1	12
	E	704.00	10	QPSK	1	25
		707.50			1	25
		711.00			1	25
13	A	779.50	5	QPSK	1	12
		782.00			1	24
		784.50			1	12
	E	782.00	10	QPSK	1	25
30	A	2307.50	5	QPSK	1	24
		2310.00			1	12
		2312.50			1	12
	F	2307.50	5	QPSK	1	12
		2310.00			1	12
		2312.50			1	12
41 (PC3)	B	2498.50	5	QPSK	1	24
		2593.00			1	12
		2687.50			1	12
	F	2498.50	5	QPSK	1	12
		2593.00			1	12
		2687.50			1	12
66	A	1717.50	15	QPSK	1	37
		1745.00			1	37
		1772.50			1	74
	F	1717.50	15	QPSK	1	0
		1745.00			1	37
		1772.50			1	0
71	A	673.00	20	QPSK	1	0
		680.50			1	0
		698.00			1	99
	E	673.00	20	QPSK	1	0
		680.50			1	49
		698.00			1	49

NR Band	ANT	Frequency (MHz)	Bandwidth (MHz)	Modulation	RB size	RB offset
7	B	2502.50	50	DFT-s OFDM QPSK	1	1
		2535.00			1	1
		2567.50			1	1
	F	2525.00	50	DFT-s OFDM QPSK	1	1
		2535.00			1	1
		2545.00			1	1
12	A	706.50	15	DFT-s OFDM QPSK	1	1
		707.50			1	1
		708.50			1	40
	E	704.00	10	DFT-s OFDM QPSK	1	26
		707.50			1	26
		711.00			1	26
30	A	2307.50	5	DFT-s OFDM BPSK	1	23
		2310.00			1	13
		2312.50			1	13
	F	2307.50	5	DFT-s OFDM QPSK	1	23
		2310.00			1	13
		2312.50			1	1
41 (PC2, Switching)	B	2518.01	45	DFT-s OFDM QPSK	1	1
		2592.99			1	1
		2667.50			1	117
41 (PC2, Switching) SRS 2	F	2546.01	100	-	-	-
		2592.99			-	-
		2640.00			-	-
41 (PC2, Switching) SRS 3	K	2518.50	45	-	-	-
		2592.99			-	-
		2667.48			-	-
41 (PC2, Switching) SRS 4	E	2521.01	50	-	-	-
		2592.99			-	-
		2659.98			-	-
41 (PC2)	F	2521.01	50	DFT-s OFDM QPSK	1	1
		2592.99			1	131
		2659.98			1	131
41 (PC2) SRS 2	B	2536.02	80	-	-	-
		2592.99			-	-
		2649.99			-	-
41 (PC2) SRS 3	E	2518.50	45	-	-	-
		2592.99			-	-
		2667.48			-	-
41 (PC2) SRS 4	K	2536.02	80	-	-	-
		2592.99			-	-
		2649.99			-	-

66	A	1727.50	35	DFT-s OFDM BPSK	1	186
		1745.00			1	93
		1762.50			1	93
	F	1730.00	40	DFT-s OFDM QPSK	1	214
		1745.00			1	214
		1760.00			1	1
70	A	1700.00	10	DFT-s OFDM BPSK	1	50
		1702.50			1	50
		1705.00			1	26
	F	1697.50	5	DFT-s OFDM QPSK	1	23
		1702.50			1	1
		1707.50			1	13
71	A	665.50	5	DFT-s OFDM QPSK	1	1
		680.50			1	1
		695.50			1	1
	E	678.00	30	DFT-s OFDM QPSK	1	104
		680.50			1	104
		683.00			1	104
77 (PC2) (3450 - 3550 MHz)	F	3495.00	90	DFT-s OFDM QPSK	1	1
		3499.98			1	243
		3504.99			1	1
77 (3450 - 3550 MHz) SRS 2	C	3499.98	100	-	-	-
					-	-
					-	-
77 (3450 - 3550 MHz) SRS 3	H	3499.98	100	-	-	-
					-	-
					-	-
77 (3450 - 3550 MHz) SRS 4	K	3499.98	100	-	-	-
					-	-
					-	-
77 (PC2) (3700 - 3980 MHz)	F	3725.01	50	DFT-s OFDM QPSK	1	67
		3840.00			1	67
		3954.99			1	67
77 (3700 - 3980 MHz) SRS 2	C	3750.00	100	-	-	-
		3840.00			-	-
		3930.00			-	-
77 (3700 - 3980 MHz) SRS 3	H	3750.00	100	-	-	-
		3840.00			-	-
		3930.00			-	-
77 (3700 - 3980 MHz) SRS 4	K	3750.00	100	-	-	-
		3840.00			-	-
		3930.00			-	-

The fundamental and radiated spurious emission were investigated in three orthogonal orientations X, Y and Z, it was determined that below orientation was worst-case orientation for each band.

Band	ANT	ERP/EIRP			RSE		
		X	Y	Z	X	Y	Z
WCDMA B4	A	-	O	-	-	O	-
LTE B7	B	O	-	-	O	-	-
	F	O	-	-	-	-	O
LTE B12	A	-	O	-	O	-	-
	E	-	-	O	O	-	-
LTE B13	A	-	-	O	O	-	-
	E	-	-	O	-	O	-
LTE B30	A	O	-	-	O	-	-
	F	O	-	-	-	-	O
LTE B41 (PC3)	B	-	O	-	O	-	-
	F	O	-	-	O	-	-
LTE B66	A	-	O	-	-	O	-
	F	O	-	-	O	-	-
LTE B71	A	-	O	-	-	O	-
	E	-	-	O	-	-	O
NR n7	B	O	-	-	O	-	-
	F	O	-	-	-	-	O
NR n12	A	-	O	-	O	-	-
	E	-	-	O	-	O	-
NR n30	A	O	-	-	-	O	-
	E	O	-	-	-	O	-
NR n41 (PC2, Switching)	B	-	O	-	-	-	O
	F (SRS2)	O	-	-	-	-	O
	K (SRS3)	-	-	O	-	O	-
	E (SRS4)	O	-	-	-	O	-
NR n41 (PC2)	F	O	-	-	-	-	O
	B (SRS2)	O	-	-	-	-	O
	E (SRS3)	-	-	O	-	-	O
	K (SRS4)	O	-	-	O	-	-
NR n66	A	-	O	-	O	-	-
	F	O	-	-	O	-	-
NR n70	A	-	O	-	O	-	-
	F	O	-	-	O	-	-
NR n71	A	-	O	-	O	-	-
	E	-	-	O	-	-	O
NR n77 (PC2) 3450 - 3550 MHz	F	O	-	-	O	-	-
	C (SRS2)	O	-	-	O	-	-
	H (SRS3)	-	-	O	-	-	O
	K (SRS4)	-	-	O	-	-	O
NR n77 (PC2) 3700 - 3980 MHz	F	O	-	-	-	-	O
	C (SRS2)	O	-	-	O	-	-
	H (SRS3)	-	-	O	-	O	-
	K (SRS4)	-	-	O	-	O	-

Note1 : For the radiated spurious testing, the EUT attached with travel adapter for the worst case condition. The EUT is continuously communicated with the call box during the tests.

5.5. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Support Equipment List				
Description	Manufacture	Model	Serial Number	FCC ID
Charger	SAMSUNG	EP-T2510	RF7X1YF85Z1DKA	N/A
Data Cable	SAMSUNG	EP-DN980	N/A	N/A

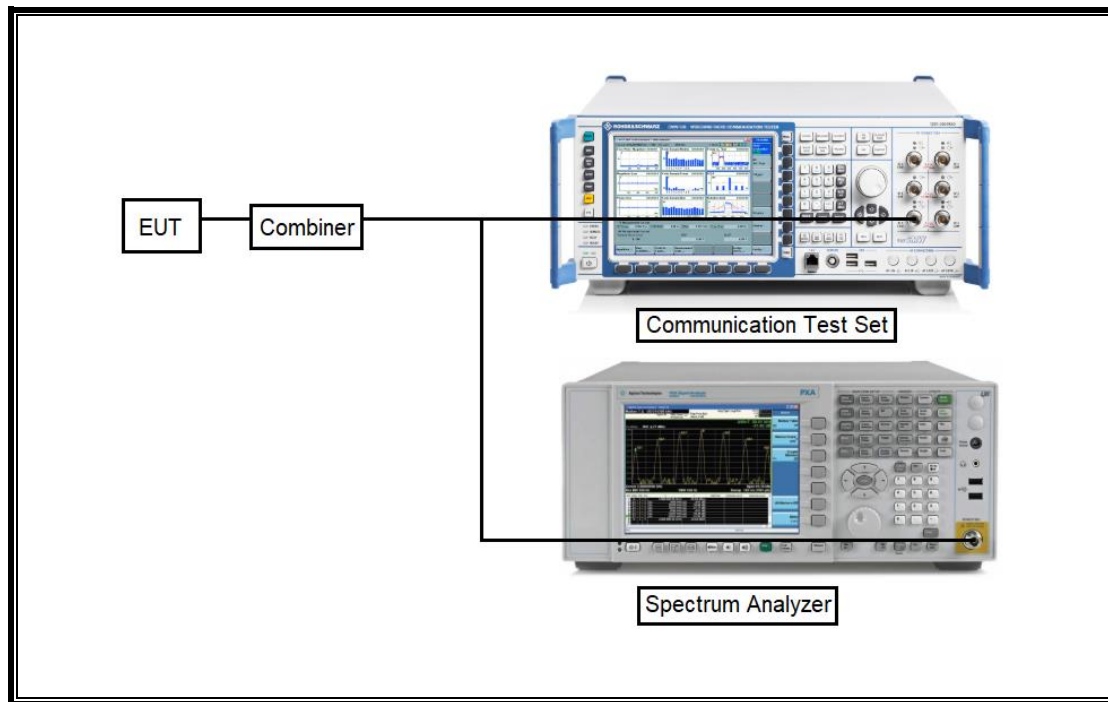
I/O CABLE

I/O Cable List						
Cable No.	Port	# of identical ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	DC Power	1	C Type	Shielded	1.0 m	N/A

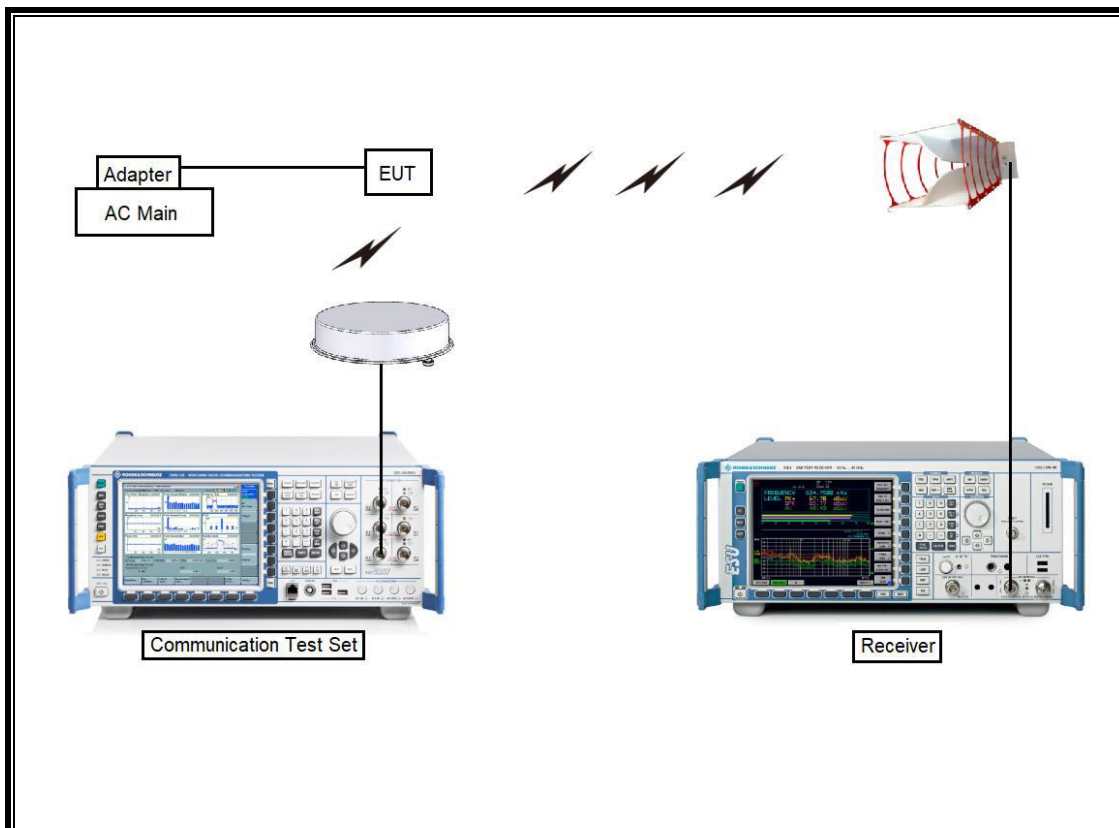
TEST SETUP

The EUT is continuously communicated with the call box during the tests.

SETUP DIAGRAM FOR TESTS (CONDUCTED TEST SETUP)



SETUP DIAGRAM FOR TESTS (RADIATED TEST SETUP)



6. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the tests documented in this report:

Test Equipment List				
Description	Manufacturer	Model	S/N	Cal Due
Antenna, Tuned Dipole 400~1000 MHz	ETS	3121D DB-4	00164753	2027-01-08
Directional Antenna	Cobham	FPA3-0.8-6.0R/1329	110367-0003	N/A
Directional Antenna	Cobham	FPA3-0.8-6.0R/1329	80108-0004	N/A
Antenna, Horn, 40 GHz	ETS	3116C	00166155	2026-07-23
Antenna, Horn, 40 GHz	ETS	3116C	00168645	2025-10-06
Preamplifier	ETS	3116C-PA	00168841	2025-07-25
Antenna, Bilog, 30MHz-1GHz	SCHWARZBECK	VULB 9163	750	2026-07-30
Antenna, Bilog, 30MHz-1GHz	SCHWARZBECK	VULB 9163	845	2026-07-30
Antenna, Bilog, 30MHz-1GHz	SCHWARZBECK	VULB 9163	749	2026-08-12
Antenna, Horn, 18 GHz	ETS	3115	00167211	2026-07-17
Antenna, Horn, 18 GHz	ETS	3115	00161451	2026-07-17
Antenna, Horn, 18 GHz	ETS	3117	00168724	2026-07-17
Antenna, Horn, 18 GHz	ETS	3117	00168717	2026-07-17
Communications Test Set	R&S	CMW500	169797	2025-07-23
DC Power Supply	Agilent / HP	E3640A	MY54226395	2025-07-24
Preamplifier, 1000 MHz	Sonoma	310N	341282	2025-07-22
Preamplifier, 1000 MHz	Sonoma	310N	370599	2025-07-22
Preamplifier, 1000 MHz	Sonoma	310N	351741	2025-07-22
Preamplifier, 18 GHz	Miteq	AFS42-00101800-25-S-42	2029169	2025-07-23
Preamplifier, 18 GHz	B&Z Technologies, LLC	BZR-01001800-231040-182020	28451	2025-07-22
Preamplifier, 18 GHz	B&Z Technologies, LLC	BZR-01001800-231040-181515	23576	2025-07-25
Spectrum Analyzer, 44 GHz	Agilent / HP	N9030A	MY54170614	2025-07-24
Spectrum Analyzer, 44 GHz	Agilent / HP	N9030A	MY54490312	2026-01-02
Spectrum Analyzer, 44 GHz	KEYSIGHT	N9030B	MY57143717	2025-07-23
EMI Test Receive, 40 GHz	R&S	ESU40	100439	2025-07-23
EMI Test Receive, 40 GHz	R&S	ESU40	100457	2025-07-22
High Pass Filter 1.2GHz	Micro-Tronics	HPM50108-02	G005	2025-07-23
High Pass Filter 1.2GHz	Micro-Tronics	HPM50108-02	G006	2025-07-23
High Pass Filter 2.8GHz	Micro-Tronics	HPM50111-02	010	2025-07-23
High Pass Filter 2.8GHz	Micro-Tronics	HPM50111-02	011	2025-07-23
High Pass Filter 4GHz	Micro-Tronics	HPM50118-02	G001	2025-07-23
High Pass Filter 4GHz	Micro-Tronics	HPM50118-02	G002	2025-07-23
Attenuator	PASTERNAK	PE7087-10	A009	2025-07-23
Attenuator	PASTERNAK	PE7087-10	A001	2025-07-23
Attenuator	PASTERNAK	PE7087-10	A008	2025-07-23
Attenuator	PASTERNAK	PE7004-10	2	2025-07-23
Attenuator	PASTERNAK	PE7395-10	A011	2025-07-25
Antenna, Loop, 9kHz-30MHz	R&S	HFH2-Z2	100418	2025-09-07
Temperature Chamber	ESPEC	SH-642	93001109	2025-07-23
Power Splitter	MINI-CIRCUITS	WA1534	UL003	2026-01-03
Power Splitter	MINI-CIRCUITS	WA1534	UL004	2026-01-03
UXM 5G Wireless Test Platform	KEYSIGHT	E7515B	MY57510655	2026-01-03
UL Software				
Description	Manufacturer	Model	Version	
Antenna port test software	UL	CLT	Ver 3.4	
Radiated software	UL	UL EMC	Ver 9.5	
Antenna port test software (5G NR FR1)	UL	UL iM	Ver 1.06	

7. SUMMARY TABLE

FCC Part Section	Test Description	Test Limit	Test Condition	Test Results
2.1046	Conducted Output Power	N/A	Conducted	Pass
2.1049	Occupied Bandwidth (99%)	N/A		Pass
27.53(c), 27.53(g), 27.53(h) 27.53(l)(2), 27.53(n)(2)	Conducted Band Edge / Conducted Spurious Emission	-13 dBm		Pass
27.53(m)		-25 dBm		Pass
27.53(a),(m)	Emission Mask	Section 8.4.2		Pass
27.54	Frequency Stability	2.5 ppm		Pass
27.50(b)(10), 27.50(c)(10)	Effective Radiated Power	34.77 dBm	Radiated	Pass
27.50(h)(2)	Effective Isotropic Radiated Power	33 dBm		Pass
27.50(a)(3)		24 dBm		Pass
27.50(d)(4)		30 dBm		Pass
27.53(c), 27.53(g) 27.53(h)	Radiated Spurious Emission	-13 dBm		Pass
27.53(f)		-40 dBm		Pass
27.53(m), 27.53(l)(2), 27.53(n)(2)		-25 dBm		Pass

8. CONDUCTED RESULTS

8.1. CONDUCTED OUTPUT POWER

Test Procedure

Per KDB 971168 D01 Power Meas License Digital Systems v03r01;

The transmitter output was connected to either CMW500 Test Set or E7515B Test set and configured to operate at maximum power.

NOTE

5G NR: All Waveforms (CP-OFDM vs DFT-s_OFDM) and modulations ($\pi/2$ BPSK, QPSK, 16QAM, 64QAM, 256QAM) were investigated to determine the worst case configuration. All Modes of operation were investigated and the worst case configuration results are reported in this section.

RESULTS

See the following pages.

8.1.1. CONDUCTED AVERAGE OUTPUT POWER

WCDMA (ANT A)

Mode		UL Ch No.	Freq. (MHz)	Maximum Average Power (dBm)		
				Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	23.28	N/A	24.0
		1413	1732.6	23.37		
		1513	1752.6	23.60		
HSDPA	Subtest 1	1312	1712.4	22.32	0	23.0
		1413	1732.6	22.37		
		1513	1752.6	22.58		
	Subtest 2	1312	1712.4	22.29	0	23.0
		1413	1732.6	22.37		
		1513	1752.6	22.54		
	Subtest 3	1312	1712.4	21.83	0.5	22.5
		1413	1732.6	21.87		
		1513	1752.6	21.91		
	Subtest 4	1312	1712.4	21.78	0.5	22.5
		1413	1732.6	21.80		
		1513	1752.6	21.83		
HSUPA	Subtest 1	1312	1712.4	22.31	0	23.0
		1413	1732.6	22.30		
		1513	1752.6	22.45		
	Subtest 2	1312	1712.4	20.29	2	21.0
		1413	1732.6	20.31		
		1513	1752.6	20.47		
	Subtest 3	1312	1712.4	21.27	1	22.0
		1413	1732.6	21.29		
		1513	1752.6	21.41		
	Subtest 4	1312	1712.4	20.30	2	21.0
		1413	1732.6	20.31		
		1513	1752.6	20.40		
	Subtest 5	1312	1712.4	21.59	0	23.0
		1413	1732.6	21.88		
		1513	1752.6	22.09		
DC-HSDPA	Subtest 1	1312	1712.4	22.26	0	23.0
		1413	1732.6	22.31		
		1513	1752.6	22.51		
	Subtest 2	1312	1712.4	22.27	0	23.0
		1413	1732.6	22.32		
		1513	1752.6	22.51		
	Subtest 3	1312	1712.4	21.73	0.5	22.5
		1413	1732.6	21.80		
		1513	1752.6	22.00		
	Subtest 4	1312	1712.4	21.78	0.5	22.5
		1413	1732.6	21.79		
		1513	1752.6	22.00		

LTE Band 7 (ANT B)

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)				
				Measured Pwr (dBm)			MPR	Tune-up Limit
				20850	21100	21350		
				2510.00 MHz	2535.00 MHz	2560.00 MHz		
20 MHz	QPSK	1	0	24.00	23.94	23.96	0.0	24.5
		1	49	23.95	23.80	23.94	0.0	24.5
		1	99	23.87	23.74	23.95	0.0	24.5
		50	0	23.10	22.92	22.90	1.0	23.5
		50	24	23.02	22.89	23.02	1.0	23.5
		50	50	22.98	22.92	23.04	1.0	23.5
	16QAM	100	0	22.93	22.90	22.97	1.0	23.5
		1	0	23.46	23.10	23.01	1.0	23.5
		1	49	23.44	23.14	23.16	1.0	23.5
		1	99	23.33	23.24	23.23	1.0	23.5
		50	0	22.08	21.95	21.99	2.0	22.5
		50	24	21.96	21.93	22.06	2.0	22.5
	64QAM	50	50	21.88	21.90	22.01	2.0	22.5
		100	0	21.91	21.90	21.97	2.0	22.5
		1	0	22.32	22.22	22.24	2.0	22.5
		1	49	22.47	22.20	22.38	2.0	22.5
		1	99	22.32	22.13	22.34	2.0	22.5
		50	0	21.20	21.03	21.00	3.0	21.5
	256QAM	50	24	21.08	21.04	21.09	3.0	21.5
		50	50	21.01	21.01	21.10	3.0	21.5
		100	0	21.12	21.06	21.08	3.0	21.5
		1	0	19.25	19.11	19.13	5.0	19.5
		1	49	19.30	19.23	19.26	5.0	19.5
		1	99	19.02	19.23	19.29	5.0	19.5
15 MHz	QPSK	50	0	19.19	19.04	19.01	5.0	19.5
		50	24	19.07	19.06	19.13	5.0	19.5
		50	50	19.06	19.03	19.11	5.0	19.5
		100	0	19.09	19.05	19.05	5.0	19.5
	16QAM	1	0	24.15	23.89	23.93	0.0	24.5
		1	37	23.96	23.79	23.98	0.0	24.5
		1	74	23.88	23.69	24.05	0.0	24.5
		36	0	23.01	22.85	22.86	1.0	23.5
		36	20	22.98	22.91	22.96	1.0	23.5
		36	39	22.93	22.85	22.97	1.0	23.5
	64QAM	75	0	22.96	22.81	22.97	1.0	23.5
		1	0	23.28	23.24	23.22	1.0	23.5
		1	37	23.13	23.16	23.32	1.0	23.5
		1	74	23.09	23.06	23.22	1.0	23.5
		36	0	22.13	21.92	21.91	2.0	22.5
		36	20	22.02	21.87	22.07	2.0	22.5
	256QAM	36	39	21.91	21.86	22.02	2.0	22.5
		75	0	22.08	21.86	21.98	2.0	22.5
		1	0	22.47	22.31	22.30	2.0	22.5
		1	37	22.32	22.22	22.35	2.0	22.5
		1	74	22.37	22.21	22.40	2.0	22.5
		36	0	21.27	20.98	20.99	3.0	21.5
15 MHz	QPSK	36	20	21.24	20.99	21.07	3.0	21.5
		36	39	21.10	21.05	21.08	3.0	21.5
		75	0	21.19	21.02	21.13	3.0	21.5
	16QAM	1	0	19.28	19.24	19.10	5.0	19.5
		1	37	19.30	19.19	19.14	5.0	19.5
		1	74	19.11	19.08	19.30	5.0	19.5
	64QAM	36	0	19.13	18.96	18.98	5.0	19.5
		36	20	19.16	18.97	19.10	5.0	19.5
		36	39	19.16	19.05	19.11	5.0	19.5
		75	0	19.19	18.99	19.06	5.0	19.5

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
				20800	21100	21400		
				2505.00 MHz	2535.00 MHz	2565.00 MHz		
10 MHz	QPSK	1	0	24.10	23.90	23.94	0.0	24.5
		1	25	24.04	23.79	24.00	0.0	24.5
		1	49	23.98	23.64	23.94	0.0	24.5
		25	0	23.00	22.83	22.87	1.0	23.5
		25	12	22.94	22.84	22.97	1.0	23.5
		25	25	22.90	22.83	22.97	1.0	23.5
	16QAM	50	0	22.88	22.82	22.94	1.0	23.5
		1	0	23.35	23.09	23.33	1.0	23.5
		1	25	23.23	22.93	23.24	1.0	23.5
		1	49	23.12	22.80	23.33	1.0	23.5
		25	0	21.97	21.86	22.02	2.0	22.5
		25	12	21.92	21.84	22.05	2.0	22.5
	64QAM	25	25	21.91	21.82	22.02	2.0	22.5
		50	0	21.87	21.83	21.99	2.0	22.5
		1	0	22.33	22.18	22.26	2.0	22.5
		1	25	22.30	22.32	22.30	2.0	22.5
		1	49	22.27	22.20	22.34	2.0	22.5
		25	0	21.15	20.96	20.99	3.0	21.5
	256QAM	25	12	21.20	20.98	21.06	3.0	21.5
		25	25	21.09	21.03	21.15	3.0	21.5
		50	0	21.10	20.98	21.14	3.0	21.5
		1	0	19.29	19.13	19.02	5.0	19.5
		1	25	19.24	19.21	19.24	5.0	19.5
		1	49	19.12	19.13	19.16	5.0	19.5
5 MHz	QPSK	25	0	19.16	18.98	19.01	5.0	19.5
		25	12	19.14	18.92	19.09	5.0	19.5
		25	25	19.08	18.98	19.11	5.0	19.5
		50	0	19.07	19.01	19.10	5.0	19.5
	16QAM	1	0	23.96	23.94	24.10	0.0	24.5
		1	12	24.28	23.94	24.09	0.0	24.5
		1	24	24.13	24.11	24.08	0.0	24.5
		12	0	23.11	22.92	22.94	1.0	23.5
		12	7	23.12	23.02	23.04	1.0	23.5
		12	13	23.02	23.00	23.11	1.0	23.5
	64QAM	25	0	22.96	22.92	23.01	1.0	23.5
		1	0	23.29	23.28	23.36	1.0	23.5
		1	12	23.37	23.14	23.39	1.0	23.5
		1	24	23.32	23.38	23.39	1.0	23.5
		12	0	22.24	21.93	22.07	2.0	22.5
		12	7	22.16	22.01	22.18	2.0	22.5
	256QAM	12	13	22.16	21.94	22.16	2.0	22.5
		25	0	22.04	21.91	22.02	2.0	22.5
		1	0	22.19	22.37	22.26	2.0	22.5
		1	12	22.23	22.24	22.36	2.0	22.5
		1	24	22.29	22.32	22.37	2.0	22.5
		12	0	21.03	20.88	20.91	3.0	21.5
	QPSK	12	7	21.06	20.94	21.08	3.0	21.5
		12	13	21.05	20.97	21.11	3.0	21.5
		25	0	21.03	20.88	21.04	3.0	21.5
		1	0	19.13	19.09	19.12	5.0	19.5
		1	12	19.25	19.30	19.20	5.0	19.5
		1	24	19.09	19.08	19.16	5.0	19.5
	16QAM	12	0	19.06	18.89	18.96	5.0	19.5
		12	7	19.09	18.95	19.09	5.0	19.5
		12	13	19.04	19.03	19.14	5.0	19.5
		25	0	19.02	18.94	19.13	5.0	19.5
		1	0	19.13	19.09	19.12	5.0	19.5
		1	12	19.25	19.30	19.20	5.0	19.5

LTE Band 7 (ANT F)

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)				
				Measured Pwr (dBm)			MPR	Tune-up Limit
				20850	21100	21350		
				2510.00 MHz	2535.00 MHz	2560.00 MHz		
20 MHz	QPSK	1	0	23.81	23.66	23.62	0.0	24.5
		1	49	23.74	23.67	23.65	0.0	24.5
		1	99	23.63	23.68	23.63	0.0	24.5
		50	0	22.82	22.73	22.66	1.0	23.5
		50	24	22.82	22.77	22.73	1.0	23.5
		50	50	22.79	22.76	22.73	1.0	23.5
	16QAM	100	0	22.79	22.75	22.75	1.0	23.5
		1	0	23.05	23.14	22.98	1.0	23.5
		1	49	22.97	23.22	23.04	1.0	23.5
		1	99	22.87	23.16	22.97	1.0	23.5
		50	0	21.84	21.77	21.69	2.0	22.5
		50	24	21.83	21.81	21.79	2.0	22.5
	64QAM	50	50	21.79	21.79	21.73	2.0	22.5
		100	0	21.81	21.79	21.75	2.0	22.5
		1	0	21.98	21.86	21.98	2.0	22.5
		1	49	21.93	21.82	22.05	2.0	22.5
		1	99	21.95	21.89	21.97	2.0	22.5
		50	0	20.83	20.76	20.67	3.0	21.5
	256QAM	50	24	20.84	20.79	20.77	3.0	21.5
		50	50	20.77	20.77	20.72	3.0	21.5
		100	0	20.78	20.78	20.76	3.0	21.5
		1	0	18.77	18.80	18.83	5.0	19.5
		1	49	18.79	18.88	18.92	5.0	19.5
		1	99	18.71	18.81	18.74	5.0	19.5
15 MHz	QPSK	50	0	18.79	18.73	18.63	5.0	19.5
		50	24	18.80	18.75	18.74	5.0	19.5
		50	50	18.77	18.74	18.72	5.0	19.5
		100	0	18.78	18.73	18.72	5.0	19.5
	16QAM	1	0	23.67	23.60	23.67	0.0	24.5
		1	37	23.71	23.56	23.69	0.0	24.5
		1	74	23.70	23.52	23.61	0.0	24.5
		36	0	22.75	22.67	22.59	1.0	23.5
		36	20	22.72	22.68	22.60	1.0	23.5
		36	39	22.68	22.64	22.64	1.0	23.5
	64QAM	75	0	22.72	22.66	22.57	1.0	23.5
		1	0	22.91	22.85	22.82	1.0	23.5
		1	37	22.98	22.89	22.89	1.0	23.5
		1	74	22.94	22.95	22.80	1.0	23.5
		36	0	21.83	21.74	21.65	2.0	22.5
		36	20	21.80	21.74	21.65	2.0	22.5
	256QAM	36	39	21.76	21.73	21.72	2.0	22.5
		75	0	21.78	21.71	21.62	2.0	22.5
		1	0	22.00	21.87	21.95	2.0	22.5
		1	37	22.03	21.86	21.88	2.0	22.5
		1	74	22.00	21.87	21.79	2.0	22.5
		36	0	20.82	20.74	20.63	3.0	21.5
15 MHz	QPSK	36	20	20.82	20.74	20.65	3.0	21.5
		36	39	20.76	20.74	20.68	3.0	21.5
		75	0	20.78	20.72	20.64	3.0	21.5
	16QAM	1	0	18.84	18.83	18.69	5.0	19.5
		1	37	18.83	18.84	18.76	5.0	19.5
		1	74	18.81	18.87	18.74	5.0	19.5
	64QAM	36	0	18.78	18.69	18.62	5.0	19.5
		36	20	18.75	18.70	18.60	5.0	19.5
		36	39	18.76	18.72	18.69	5.0	19.5
		75	0	18.76	18.70	18.61	5.0	19.5
	256QAM	1	0	23.67	23.60	23.67	0.0	24.5
		1	37	23.71	23.56	23.69	0.0	24.5
		1	74	23.70	23.52	23.61	0.0	24.5
		36	0	22.75	22.67	22.59	1.0	23.5
		36	20	22.72	22.68	22.60	1.0	23.5
		36	39	22.68	22.64	22.64	1.0	23.5
15 MHz	QPSK	75	0	22.72	22.66	22.57	1.0	23.5
		1	0	22.91	22.85	22.82	1.0	23.5
		1	37	22.98	22.89	22.89	1.0	23.5
		1	74	22.94	22.95	22.80	1.0	23.5
		36	0	21.83	21.74	21.65	2.0	22.5
		36	20	21.80	21.74	21.65	2.0	22.5
	16QAM	36	39	21.76	21.73	21.72	2.0	22.5
		75	0	21.78	21.71	21.62	2.0	22.5
		1	0	22.00	21.87	21.95	2.0	22.5
		1	37	22.03	21.86	21.88	2.0	22.5
		1	74	22.00	21.87	21.79	2.0	22.5
		36	0	20.82	20.74	20.63	3.0	21.5
	64QAM	36	20	20.82	20.74	20.65	3.0	21.5
		36	39	20.76	20.74	20.68	3.0	21.5
		75	0	20.78	20.72	20.64	3.0	21.5
	256QAM	1	0	18.84	18.83	18.69	5.0	19.5
		1	37	18.83	18.84	18.76	5.0	19.5
		1	74	18.81	18.87	18.74	5.0	19.5
		36	0	18.78	18.69	18.62	5.0	19.5
		36	20	18.75	18.70	18.60	5.0	19.5
		36	39	18.76	18.72	18.69	5.0	19.5
	256QAM	75	0	18.76	18.70	18.61	5.0	19.5

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
				20800	21100	21400		
				2505.00 MHz	2535.00 MHz	2565.00 MHz		
10 MHz	QPSK	1	0	23.73	23.59	23.61	0.0	24.5
		1	25	23.70	23.61	23.62	0.0	24.5
		1	49	23.62	23.47	23.57	0.0	24.5
		25	0	22.79	22.70	22.60	1.0	23.5
		25	12	22.80	22.72	22.63	1.0	23.5
		25	25	22.73	22.72	22.68	1.0	23.5
	16QAM	50	0	22.77	22.69	22.61	1.0	23.5
		1	0	22.96	22.92	22.84	1.0	23.5
		1	25	23.00	23.01	22.96	1.0	23.5
		1	49	22.84	22.87	22.84	1.0	23.5
		25	0	21.78	21.73	21.65	2.0	22.5
		25	12	21.83	21.74	21.64	2.0	22.5
	64QAM	25	25	21.77	21.73	21.68	2.0	22.5
		50	0	21.81	21.74	21.64	2.0	22.5
		1	0	22.03	21.83	21.81	2.0	22.5
		1	25	22.13	22.02	21.90	2.0	22.5
		1	49	21.98	21.94	21.83	2.0	22.5
		25	0	20.84	20.75	20.65	3.0	21.5
	256QAM	25	12	20.88	20.76	20.67	3.0	21.5
		25	25	20.80	20.78	20.73	3.0	21.5
		50	0	20.83	20.74	20.66	3.0	21.5
		1	0	18.92	18.82	18.77	5.0	19.5
		1	25	19.00	18.90	18.86	5.0	19.5
		1	49	18.94	18.87	18.71	5.0	19.5
5 MHz	QPSK	25	0	18.82	18.72	18.65	5.0	19.5
		25	12	18.83	18.77	18.64	5.0	19.5
		25	25	18.76	18.71	18.67	5.0	19.5
		50	0	18.82	18.73	18.62	5.0	19.5
	16QAM	1	0	23.64	23.60	23.59	0.0	24.5
		1	12	23.70	23.62	23.67	0.0	24.5
		1	24	23.64	23.60	23.63	0.0	24.5
		12	0	22.63	22.55	22.46	1.0	23.5
		12	7	22.70	22.61	22.60	1.0	23.5
		12	13	22.67	22.60	22.61	1.0	23.5
	64QAM	25	0	22.66	22.58	22.57	1.0	23.5
		1	0	23.13	23.16	23.04	1.0	23.5
		1	12	23.12	23.17	23.09	1.0	23.5
		1	24	23.16	23.26	23.01	1.0	23.5
		12	0	21.69	21.68	21.52	2.0	22.5
		12	7	21.81	21.76	21.69	2.0	22.5
	256QAM	12	13	21.76	21.69	21.64	2.0	22.5
		25	0	21.73	21.68	21.63	2.0	22.5
		1	0	22.07	22.17	22.02	2.0	22.5
		1	12	22.07	22.14	21.99	2.0	22.5
		1	24	22.03	22.07	21.97	2.0	22.5
		12	0	20.86	20.67	20.64	3.0	21.5
		12	7	20.90	20.74	20.81	3.0	21.5
		12	13	20.90	20.69	20.76	3.0	21.5
		25	0	20.80	20.70	20.68	3.0	21.5
		1	0	18.91	18.82	18.62	5.0	19.5
		1	12	19.01	18.94	18.81	5.0	19.5
		1	24	18.87	18.80	18.68	5.0	19.5
		12	0	18.76	18.67	18.56	5.0	19.5
		12	7	18.86	18.74	18.71	5.0	19.5
		12	13	18.80	18.70	18.65	5.0	19.5
		25	0	18.81	18.67	18.66	5.0	19.5
		1	0	20.75	21.100	21425	MPR	Tune-up Limit
		1	0	20.75	21.100	21425		
		1	0	20.75	21.100	21425		
		1	0	20.75	21.100	21425	MPR	Tune-up Limit
		1	0	20.75	21.100	21425		
		1	0	20.75	21.100	21425		

LTE Band 12 (ANT A)

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)				
				Measured Pwr (dBm)			MPR	Tune-up Limit
				23060	23095	23130		
				704.00 MHz	707.50 MHz	711.00 MHz		
10 MHz	QPSK	1	0	24.22	24.35	24.09	0.0	25.0
		1	25	24.21	24.10	24.13	0.0	25.0
		1	49	24.04	24.11	24.03	0.0	25.0
		25	0	23.15	23.22	23.08	1.0	24.0
		25	12	23.33	23.15	23.21	1.0	24.0
		25	25	23.25	23.17	23.09	1.0	24.0
	16QAM	50	0	23.20	23.20	23.20	1.0	24.0
		1	0	23.60	23.70	23.34	1.0	24.0
		1	25	23.53	23.44	23.43	1.0	24.0
		1	49	23.53	23.01	23.36	1.0	24.0
		25	0	22.12	22.21	22.18	2.0	23.0
		25	12	22.23	22.15	22.22	2.0	23.0
	64QAM	25	25	22.20	22.23	22.23	2.0	23.0
		50	0	22.21	22.12	22.21	2.0	23.0
		1	0	22.33	22.63	22.69	2.0	23.0
		1	25	22.11	22.24	22.12	2.0	23.0
		1	49	22.57	22.33	22.56	2.0	23.0
		25	0	21.13	21.20	21.02	3.0	22.0
	256QAM	25	12	21.30	21.19	21.23	3.0	22.0
		25	25	21.25	21.18	21.21	3.0	22.0
		50	0	21.23	21.20	21.21	3.0	22.0
		1	0	18.57	18.81	18.64	5.0	20.0
		1	25	19.26	19.01	18.70	5.0	20.0
		1	49	19.04	18.85	18.71	5.0	20.0
5 MHz	QPSK	25	0	18.94	18.85	18.89	5.0	20.0
		25	12	19.03	19.02	18.97	5.0	20.0
		25	25	19.05	18.91	19.05	5.0	20.0
		50	0	18.94	18.87	18.98	5.0	20.0
	16QAM	1	0	24.17	24.17	24.08	0.0	25.0
		1	12	24.14	24.22	24.18	0.0	25.0
		1	24	24.24	24.15	24.15	0.0	25.0
		12	0	23.14	23.12	23.10	1.0	24.0
		12	7	23.24	23.23	23.20	1.0	24.0
		12	13	23.16	23.13	23.16	1.0	24.0
	64QAM	25	0	23.23	23.14	23.03	1.0	24.0
		1	0	23.75	23.16	23.12	1.0	24.0
		1	12	23.62	23.64	23.79	1.0	24.0
		1	24	23.53	23.34	23.63	1.0	24.0
		12	0	22.23	22.16	22.21	2.0	23.0
		12	7	22.26	22.32	22.16	2.0	23.0
	256QAM	12	13	22.10	22.30	22.12	2.0	23.0
		25	0	22.19	22.07	22.17	2.0	23.0
		1	0	22.39	22.63	22.68	2.0	23.0
		1	12	22.80	21.77	22.75	2.0	23.0
		1	24	22.44	22.12	22.31	2.0	23.0
		12	0	21.32	21.23	21.24	3.0	22.0
	16QAM	12	7	21.24	21.19	21.15	3.0	22.0
		12	13	21.17	21.13	21.11	3.0	22.0
		25	0	21.28	21.05	21.04	3.0	22.0
	256QAM	1	0	19.01	18.86	19.14	5.0	20.0
		1	12	19.04	19.38	19.15	5.0	20.0
		1	24	19.09	19.09	19.04	5.0	20.0
	64QAM	12	0	18.82	18.98	19.10	5.0	20.0
		12	7	19.06	19.02	19.16	5.0	20.0
		12	13	18.94	19.01	18.96	5.0	20.0
		25	0	18.94	18.91	18.96	5.0	20.0

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
				23025	23095	23165		
				700.50 MHz	707.50 MHz	714.50 MHz		
3 MHz	QPSK	1	0	24.08	23.92	23.97	0.0	25.0
		1	8	24.13	24.17	24.25	0.0	25.0
		1	14	24.06	24.13	24.06	0.0	25.0
		8	0	23.22	23.12	23.09	1.0	24.0
		8	4	23.22	23.17	23.17	1.0	24.0
		8	7	23.13	23.16	23.16	1.0	24.0
	16QAM	15	0	23.21	23.14	23.10	1.0	24.0
		1	0	23.65	23.65	23.37	1.0	24.0
		1	8	23.86	23.47	23.83	1.0	24.0
		1	14	23.61	23.79	23.28	1.0	24.0
		8	0	22.37	22.31	22.32	2.0	23.0
		8	4	22.24	22.27	22.14	2.0	23.0
	64QAM	8	7	22.30	22.18	22.34	2.0	23.0
		15	0	22.27	22.21	22.12	2.0	23.0
		1	0	22.82	22.16	22.22	2.0	23.0
		1	8	22.23	22.77	22.36	2.0	23.0
		1	14	22.36	22.36	22.48	2.0	23.0
		8	0	21.42	21.12	21.13	3.0	22.0
	256QAM	8	4	21.44	21.31	21.08	3.0	22.0
		8	7	21.28	21.09	21.26	3.0	22.0
		15	0	21.39	21.14	21.05	3.0	22.0
		1	0	19.09	18.95	19.02	5.0	20.0
		1	8	19.01	19.03	19.24	5.0	20.0
		1	14	19.02	19.43	19.52	5.0	20.0
1.4 MHz	QPSK	8	0	18.99	18.94	19.15	5.0	20.0
		8	4	19.02	18.91	19.18	5.0	20.0
		8	7	18.91	18.96	19.05	5.0	20.0
		15	0	18.98	19.04	18.90	5.0	20.0
	16QAM	1	0	23.89	23.89	23.92	0.0	25.0
		1	3	23.79	23.77	24.00	0.0	25.0
		1	5	24.04	24.00	23.87	0.0	25.0
		3	0	23.87	23.86	23.98	1.0	24.0
		3	1	23.96	23.78	24.11	1.0	24.0
		3	3	23.78	23.95	23.97	1.0	24.0
	64QAM	6	0	22.88	22.98	22.98	1.0	24.0
		1	0	23.20	23.19	23.25	1.0	24.0
		1	3	23.22	22.91	23.10	1.0	24.0
		1	5	23.23	23.14	23.16	1.0	24.0
		3	0	22.89	22.74	22.85	2.0	23.0
		3	1	22.98	22.85	23.00	2.0	23.0
	256QAM	3	3	22.94	23.10	23.10	2.0	23.0
		6	0	21.95	22.11	22.11	2.0	23.0
		1	0	22.14	22.46	21.94	2.0	23.0
		1	3	21.90	22.24	21.72	2.0	23.0
		1	5	21.89	22.12	22.19	2.0	23.0
		3	0	21.96	21.88	21.95	3.0	22.0
		3	1	21.95	22.22	22.11	3.0	22.0
		3	3	22.07	22.03	21.93	3.0	22.0
		6	0	20.95	21.10	21.12	3.0	22.0
		1	0	19.01	19.10	19.26	5.0	20.0
		1	3	19.29	19.19	18.97	5.0	20.0
		1	5	18.90	18.87	19.17	5.0	20.0
		3	0	19.00	19.04	18.90	5.0	20.0
		3	1	18.98	19.24	19.34	5.0	20.0
		3	3	19.09	18.69	18.85	5.0	20.0
		6	0	18.87	18.97	19.06	5.0	20.0

LTE Band 12 (ANT E)

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)				
				Measured Pwr (dBm)			MPR	Tune-up Limit
				23060	23095	23130		
				704.00 MHz	707.50 MHz	711.00 MHz		
10 MHz	QPSK	1	0	24.07	23.98	23.99	0.0	25.0
		1	25	24.23	24.10	24.09	0.0	25.0
		1	49	24.03	24.03	23.78	0.0	25.0
		25	0	23.06	23.02	23.08	1.0	24.0
		25	12	23.19	23.06	23.13	1.0	24.0
		25	25	23.16	23.08	23.14	1.0	24.0
	16QAM	50	0	23.17	23.03	23.16	1.0	24.0
		1	0	23.07	23.05	23.47	1.0	24.0
		1	25	23.53	22.94	23.35	1.0	24.0
		1	49	23.07	23.22	23.02	1.0	24.0
		25	0	22.08	22.38	22.02	2.0	23.0
		25	12	22.16	22.06	22.08	2.0	23.0
	64QAM	25	25	22.14	21.95	22.04	2.0	23.0
		50	0	22.13	22.08	22.13	2.0	23.0
		1	0	22.21	22.90	22.42	2.0	23.0
		1	25	21.68	22.20	22.03	2.0	23.0
		1	49	21.92	21.98	22.10	2.0	23.0
		25	0	21.14	21.08	21.11	3.0	22.0
	256QAM	25	12	21.17	21.10	21.13	3.0	22.0
		25	25	21.14	21.08	21.05	3.0	22.0
		50	0	21.13	20.98	21.09	3.0	22.0
		1	0	19.23	19.26	19.26	5.0	20.0
		1	25	18.95	19.09	18.95	5.0	20.0
		1	49	18.97	18.66	18.75	5.0	20.0
5 MHz	QPSK	25	0	19.13	19.09	18.97	5.0	20.0
		25	12	19.02	19.13	19.06	5.0	20.0
		25	25	19.07	19.00	18.98	5.0	20.0
		50	0	19.08	18.97	19.12	5.0	20.0
	16QAM	1	0	24.04	24.03	24.08	0.0	25.0
		1	12	24.10	24.07	24.10	0.0	25.0
		1	24	24.00	23.98	24.03	0.0	25.0
		12	0	23.06	23.04	23.06	1.0	24.0
		12	7	23.19	23.19	23.12	1.0	24.0
		12	13	23.13	23.12	23.01	1.0	24.0
	64QAM	25	0	23.14	23.03	22.93	1.0	24.0
		1	0	22.77	23.54	23.01	1.0	24.0
		1	12	23.25	23.25	23.27	1.0	24.0
		1	24	23.28	23.10	23.11	1.0	24.0
		12	0	22.19	22.02	22.02	2.0	23.0
		12	7	22.13	22.13	21.92	2.0	23.0
	256QAM	12	13	22.23	22.15	22.04	2.0	23.0
		25	0	22.14	22.09	21.92	2.0	23.0
		1	0	22.46	22.28	22.19	2.0	23.0
		1	12	22.42	22.38	22.44	2.0	23.0
		1	24	22.31	22.04	22.07	2.0	23.0
		12	0	21.25	20.96	21.04	3.0	22.0
	QPSK	12	7	21.35	21.15	21.02	3.0	22.0
		12	13	20.98	20.99	20.90	3.0	22.0
		25	0	21.18	21.02	20.89	3.0	22.0
		1	0	18.90	18.96	19.27	5.0	20.0
		1	12	19.00	19.13	19.05	5.0	20.0
		1	24	18.97	19.06	19.15	5.0	20.0
	16QAM	12	0	18.96	19.05	19.04	5.0	20.0
		12	7	19.13	19.15	18.85	5.0	20.0
		12	13	19.12	19.17	18.86	5.0	20.0
		25	0	19.06	18.94	19.00	5.0	20.0
	64QAM	1	0	24.04	24.03	24.08	0.0	25.0
		1	12	24.10	24.07	24.10	0.0	25.0
	256QAM	1	0	24.07	23.98	23.99	0.0	25.0
		1	25	24.23	24.10	24.09	0.0	25.0

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
				23025	23095	23165		
				700.50 MHz	707.50 MHz	714.50 MHz		
3 MHz	QPSK	1	0	23.84	23.84	23.77	0.0	25.0
		1	8	24.09	23.97	24.04	0.0	25.0
		1	14	23.93	23.94	23.79	0.0	25.0
		8	0	23.13	22.93	22.91	1.0	24.0
		8	4	23.13	23.09	22.86	1.0	24.0
		8	7	23.05	22.94	22.87	1.0	24.0
	16QAM	15	0	23.05	22.90	22.88	1.0	24.0
		1	0	23.14	23.15	22.96	1.0	24.0
		1	8	23.21	23.07	23.43	1.0	24.0
		1	14	23.19	23.04	22.72	1.0	24.0
		8	0	22.15	22.00	21.93	2.0	23.0
		8	4	22.14	22.13	21.87	2.0	23.0
	64QAM	8	7	22.15	22.09	21.91	2.0	23.0
		15	0	22.06	21.95	21.92	2.0	23.0
		1	0	22.11	21.83	22.22	2.0	23.0
		1	8	22.37	22.49	21.94	2.0	23.0
		1	14	21.91	22.21	21.95	2.0	23.0
		8	0	21.08	21.13	20.78	3.0	22.0
	256QAM	8	4	21.26	20.91	20.83	3.0	22.0
		8	7	20.97	20.97	20.78	3.0	22.0
		15	0	21.00	21.02	20.84	3.0	22.0
		1	0	18.51	18.96	18.81	5.0	20.0
		1	8	19.30	18.68	18.85	5.0	20.0
		1	14	18.61	19.33	19.05	5.0	20.0
1.4 MHz	QPSK	8	0	19.10	19.02	18.94	5.0	20.0
		8	4	19.13	18.83	18.88	5.0	20.0
		8	7	18.94	19.14	18.99	5.0	20.0
		15	0	19.09	18.89	18.83	5.0	20.0
	16QAM	1	0	23.89	23.80	23.97	0.0	25.0
		1	3	23.53	23.81	23.76	0.0	25.0
		1	5	23.76	23.67	23.78	0.0	25.0
		3	0	23.76	23.79	23.91	1.0	24.0
		3	1	23.80	23.73	23.84	1.0	24.0
		3	3	23.86	23.80	23.85	1.0	24.0
	64QAM	6	0	22.82	22.81	22.79	1.0	24.0
		1	0	23.16	22.92	22.78	1.0	24.0
		1	3	23.47	22.64	22.71	1.0	24.0
		1	5	22.99	22.80	22.85	1.0	24.0
		3	0	23.17	22.83	23.23	2.0	23.0
		3	1	22.94	22.88	23.01	2.0	23.0
	256QAM	3	3	22.84	22.96	23.06	2.0	23.0
		6	0	21.87	21.91	22.07	2.0	23.0
		1	0	22.06	21.75	22.33	2.0	23.0
		1	3	21.70	22.31	21.85	2.0	23.0
		1	5	22.23	22.12	22.29	2.0	23.0
		3	0	21.89	22.02	21.85	3.0	22.0
		3	1	21.80	22.09	21.90	3.0	22.0
		3	3	21.59	21.99	21.77	3.0	22.0
		6	0	20.85	20.83	20.99	3.0	22.0
		1	0	18.69	18.68	18.94	5.0	20.0
		1	3	18.70	18.32	19.17	5.0	20.0
		1	5	18.51	18.43	18.85	5.0	20.0
		3	0	19.03	18.76	18.71	5.0	20.0
		3	1	19.06	19.04	19.02	5.0	20.0
		3	3	18.76	19.10	18.79	5.0	20.0
		6	0	18.93	18.89	18.96	5.0	20.0

LTE Band 13 (ANT A)

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)						
				Measured Pwr (dBm)			MPR	Tune-up Limit		
					23230					
				782.00 MHz						
10 MHz	QPSK	1	0		24.12		0.0	25.0		
		1	25		24.07		0.0	25.0		
		1	49		24.01		0.0	25.0		
		25	0		23.05		1.0	24.0		
		25	12		22.93		1.0	24.0		
		25	25		23.04		1.0	24.0		
	16QAM	50	0		22.89		1.0	24.0		
		1	0		23.58		1.0	24.0		
		1	25		23.15		1.0	24.0		
		1	49		23.40		1.0	24.0		
		25	0		21.92		2.0	23.0		
		25	12		21.83		2.0	23.0		
	64QAM	25	25		21.96		2.0	23.0		
		50	0		21.85		2.0	23.0		
		1	0		22.27		2.0	23.0		
		1	25		22.22		2.0	23.0		
		1	49		22.24		2.0	23.0		
		25	0		20.82		3.0	22.0		
	256QAM	25	12		21.05		3.0	22.0		
		25	25		21.03		3.0	22.0		
		50	0		20.75		3.0	22.0		
		1	0		18.77		5.0	20.0		
		1	25		18.92		5.0	20.0		
		1	49		18.13		5.0	20.0		
5 MHz	QPSK	25	0		18.83		5.0	20.0		
		25	12		18.89		5.0	20.0		
		25	25		18.85		5.0	20.0		
		50	0		18.80		5.0	20.0		
		16QAM	1	0		23.76	23.91	23.83	0.0	25.0
			1	12		23.89	23.93	24.11	0.0	25.0
1	24			23.75	24.06	23.98	0.0	25.0		
12	0			22.82	22.92	22.90	1.0	24.0		
12	7			22.89	22.97	23.09	1.0	24.0		
12	13			22.87	22.95	23.03	1.0	24.0		
64QAM	25	0		22.88	22.92	22.99	1.0	24.0		
	1	0		23.39	23.08	23.31	1.0	24.0		
	1	12		23.11	23.16	22.97	1.0	24.0		
	1	24		23.18	23.43	23.28	1.0	24.0		
	12	0		21.98	21.96	22.01	2.0	23.0		
	12	7		22.00	21.97	22.06	2.0	23.0		
256QAM	12	13		21.98	22.07	22.11	2.0	23.0		
	25	0		21.95	21.95	22.02	2.0	23.0		
	1	0		22.31	21.97	22.22	2.0	23.0		
	1	12		21.84	22.27	22.18	2.0	23.0		
	1	24		22.13	22.06	22.43	2.0	23.0		
	12	0		20.91	20.89	21.14	3.0	22.0		
5 MHz	QPSK	12	7		21.02	21.03	21.14	3.0	22.0	
		12	13		20.86	20.98	21.03	3.0	22.0	
		25	0		20.95	20.96	20.93	3.0	22.0	
		1	0		18.82	19.09	19.05	5.0	20.0	
		1	12		19.00	19.02	19.11	5.0	20.0	
		1	24		18.83	18.82	19.19	5.0	20.0	
16QAM	12	0		18.77	18.86	18.98	5.0	20.0		
	12	7		18.86	18.94	18.97	5.0	20.0		
	12	13		18.93	18.97	18.99	5.0	20.0		
	25	0		18.85	18.75	18.92	5.0	20.0		
	64QAM	1	0		23.76	23.91	23.83	0.0	25.0	
		1	12		23.89	23.93	24.11	0.0	25.0	
1		24		23.75	24.06	23.98	0.0	25.0		
12		0		22.82	22.92	22.90	1.0	24.0		
12		7		22.89	22.97	23.09	1.0	24.0		
12		13		22.87	22.95	23.03	1.0	24.0		
256QAM	25	0		22.88	22.92	22.99	1.0	24.0		
	1	0		23.39	23.08	23.31	1.0	24.0		
	1	12		23.11	23.16	22.97	1.0	24.0		
	1	24		23.18	23.43	23.28	1.0	24.0		
	12	0		21.98	21.96	22.01	2.0	23.0		
	12	7		22.00	21.97	22.06	2.0	23.0		
5 MHz	QPSK	12	13		21.98	22.07	22.11	2.0	23.0	
		25	0		21.95	21.95	22.02	2.0	23.0	
		1	0		22.31	21.97	22.22	2.0	23.0	
		1	12		21.84	22.27	22.18	2.0	23.0	
		1	24		22.13	22.06	22.43	2.0	23.0	
		12	0		20.91	20.89	21.14	3.0	22.0	
16QAM	12	7		21.02	21.03	21.14	3.0	22.0		
	12	13		20.86	20.98	21.03	3.0	22.0		
	25	0		20.95	20.96	20.93	3.0	22.0		
	1	0		18.82	19.09	19.05	5.0	20.0		
	1	12		19.00	19.02	19.11	5.0	20.0		
	1	24		18.83	18.82	19.19	5.0	20.0		
64QAM	12	0		18.77	18.86	18.98	5.0	20.0		
	12	7		18.86	18.94	18.97	5.0	20.0		
	12	13		18.93	18.97	18.99	5.0	20.0		
	25	0		18.85	18.75	18.92	5.0	20.0		
	256QAM	1	0		23.76	23.91	23.83	0.0	25.0	
		1	12		23.89	23.93	24.11	0.0	25.0	
1		24		23.75	24.06	23.98	0.0	25.0		
12		0		22.82	22.92	22.90	1.0	24.0		
12		7		22.89	22.97	23.09	1.0	24.0		
12		13		22.87	22.95	23.03	1.0	24.0		
5 MHz	QPSK	25	0		22.88	22.92	22.99	1.0	24.0	
		1	0		23.39	23.08	23.31	1.0	24.0	
		1	12		23.11	23.16	22.97	1.0	24.0	
		1	24		23.18	23.43	23.28	1.0	24.0	
		12	0		21.98	21.96	22.01	2.0	23.0	
		12	7		22.00	21.97	22.06	2.0	23.0	
16QAM	12	13		21.98	22.07	22.11	2.0	23.0		
	25	0		21.95	21.95	22.02	2.0	23.0		
	1	0		22.31	21.97	22.22	2.0	23.0		
	1	12		21.84	22.27	22.18	2.0	23.0		
	1	24		22.13	22.06	22.43	2.0	23.0		
	12	0		20.91	20.89	21.14	3.0	22.0		
64QAM	12	7		21.02	21.03	21.14	3.0	22.0		
	12	13		20.86	20.98	21.03	3.0	22.0		
	25	0		20.95	20.96	20.93	3.0	22.0		
	1	0		18.82	19.09	19.05	5.0	20.0		
	1	12		19.00	19.02	19.11	5.0	20.0		
	1	24		18.83	18.82	19.19	5.0	20.0		
256QAM	12	0		18.77	18.86	18.98	5.0	20.0		
	12	7		18.86	18.94	18.97	5.0	20.0		
	12	13		18.93	18.97	18.99	5.0	20.0		
	25	0		18.85	18.75	18.92	5.0	20.0		
	5 MHz	QPSK	1	0		23.76	23.91	23.83	0.0	25.0
			1	12		23.89	23.93	24.11	0.0	25.0
1			24		23.75	24.06	23.98	0.0	25.0	
12			0		22.82	22.92	22.90	1.0	24.0	
12			7		22.89	22.97	23.09	1.0	24.0	
12			13		22.87	22.95	23.03	1.0	24.0	
16QAM	25	0		22.88	22.92	22.99	1.0	24.0		
	1	0		23.39	23.08	23.31	1.0	24.0		
	1	12		23.11	23.16	22.97	1.0	24.0		
	1	24		23.18	23.43	23.28	1.0	24.0		
	12	0		21.98	21.96	22.01	2.0	23.0		
	12	7		22.00	21.97	22.06	2.0	23.0		
64QAM	12	13		21.98	22.07	22.11	2.0	23.0		
	25	0		21.95	21.95	22.02	2.0	23.0		
	1	0		22.31	21.97	22.22	2.0	23.0		
	1	12		21.84	22.27	22.18	2.0	23.0		
	1	24		22.13	22.06	22.43	2.0	23.0		
	12	0		20.91	20.89	21.14	3.0	22.0		
256QAM	12	7		21.02	21.03	21.14	3.0	22.0		
	12	13		20.86	20.98	21.03	3.0	22.0		
	25	0		20.95	20.96	20.93	3.0	22.0		
	1	0		18.82	19.09	19.05	5.0	20.0		
	1	12		19.00	19.02	19.11	5.0	20.0		
	1	24		18.83	18.82	19.19	5.0	20.0		
5 MHz	QPSK	12	0		18.77	18.86	18.98	5.0	20.0	
		12	7		18.86	18.94	18.97	5.0	20.0	
		12	13		18.93	18.97	18.99	5.0	20.0	
		25	0		18.85	18.75	18.92	5.0	20.0	
		16QAM	1	0		23.76	23.91	23.83	0.0	25.0
			1	12		23.89	23.93	24.11	0.0	25.0
1	24			23.75	24.06	23.98	0.0	25.0		
12	0			22.82	22.92	22.90	1.0	24.0		
12	7			22.89	22.97	23.09	1.0	24.0		
12	13			22.87	22.95	23.03	1.0	24.0		
64QAM	25	0		22.88	22.92	22.99	1.0	24.0		
	1	0		23.39	23.08	23.31	1.0	24.0		
	1	12		23.11	23.16	22.97	1.0	24.0		
	1	24		23.18	23.43	23.28	1.0	24.0		
	12	0		21.98	21.96	22.01	2.0	23.0		
	12	7		22.00	21.97	22.06	2.0	23.0		
256QAM	12	13		21.98	22.07	22.11	2.0	23.0		
	25	0		21.95	21.95	22.02	2.0	23.0		
	1	0		22.31	21.97	22.22	2.0	23.0		
	1	12		21.84	22.27	22.18	2.0	23.0		
	1	24		22.13	22.06	22.43	2.0	23.0		
	12	0		20.91	20.89	21.14	3.0	22.0		
5 MHz	QPSK	12	7		21.02	21.03	21.14	3.0	22.0	
		12	13		20.86	20.98	21.03	3.0	22.0	
		25	0		20.95	20.96	20.93	3.0	22.0	
		1	0		18.82	19.09	19.05	5.0	20.0	
		1	12		19.00	19.02	19.11	5.0	20.0	
		1	24		18.83	18.82	19.19	5.0	20.0	
16QAM	12	0		18.77	18.86	18.98	5.0	20.0		
	12	7		18.86	18.94	18.97	5.0	20.0		
	12	13		18.93	18.97	18.99	5.0	20.0		
	25	0		18.85	18.75	18.92	5.0	20.0		
	64QAM	1	0		23.76	23.91	23.83	0.0	25.0	
		1	12		23.89	23.93	24.11	0.0	25.0	
1		24		23.75	24.06	23.98	0.0	25.0		
12		0		22.82	22.92	22.90	1.0	24.0		
12		7		22.89	22.97	23.09	1.0	24.0		
12		13		22.87	22.95	23.03	1.0	24.0		
256QAM	25	0		22.88	22.92	22.99	1.0	24.0		
	1	0		23.39	23.08	23.31	1.0	24.0		
	1	12		23.11	23.16	22.97	1.0	24.0		
	1	24		23.18	23.43	23.28	1.0	24.0		
	12	0		21.98	21.96	22.01	2.0	23.0		
	12	7	</							

LTE Band 13 (ANT E)

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					
				Measured Pwr (dBm)			MPR	Tune-up Limit	
					23230				
					782.00 MHz				
10 MHz	QPSK	1	0		23.49		0.0	25.0	
		1	25		23.85		0.0	25.0	
		1	49		23.72		0.0	25.0	
		25	0		22.72		1.0	24.0	
		25	12		22.75		1.0	24.0	
		25	25		22.85		1.0	24.0	
	16QAM	50	0		22.81		1.0	24.0	
		1	0		22.76		1.0	24.0	
		1	25		22.90		1.0	24.0	
		1	49		23.01		1.0	24.0	
		25	0		21.63		2.0	23.0	
		25	12		21.68		2.0	23.0	
	64QAM	25	25		21.87		2.0	23.0	
		50	0		21.71		2.0	23.0	
		1	0		22.02		2.0	23.0	
		1	25		21.99		2.0	23.0	
		1	49		21.84		2.0	23.0	
		25	0		20.67		3.0	22.0	
	256QAM	25	12		20.82		3.0	22.0	
		25	25		20.85		3.0	22.0	
		50	0		20.68		3.0	22.0	
		1	0		18.71		5.0	20.0	
		1	25		18.51		5.0	20.0	
		1	49		18.93		5.0	20.0	
	25	0		18.60		5.0	20.0		
	25	12		18.61		5.0	20.0		
	25	25		18.90		5.0	20.0		
	50	0		18.61		5.0	20.0		
	BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					23205	23230	23255		
779.50 MHz					782.00 MHz	784.50 MHz			
5 MHz	QPSK	1	0	23.52	23.65	24.21	0.0	25.0	
		1	12	23.63	23.88	23.84	0.0	25.0	
		1	24	23.68	23.66	23.86	0.0	25.0	
		12	0	22.63	22.64	22.71	1.0	24.0	
		12	7	22.67	22.85	22.82	1.0	24.0	
		12	13	22.61	22.69	22.79	1.0	24.0	
	16QAM	25	0	22.70	22.69	22.71	1.0	24.0	
		1	0	22.85	22.64	23.20	1.0	24.0	
		1	12	22.89	22.55	22.54	1.0	24.0	
		1	24	23.09	22.81	22.76	1.0	24.0	
		12	0	21.69	21.66	21.77	2.0	23.0	
		12	7	21.67	21.72	21.88	2.0	23.0	
	64QAM	12	13	21.79	21.66	21.81	2.0	23.0	
		25	0	21.67	21.64	21.67	2.0	23.0	
		1	0	21.78	21.60	21.87	2.0	23.0	
		1	12	21.60	21.60	22.14	2.0	23.0	
		1	24	21.89	22.12	21.88	2.0	23.0	
		12	0	20.70	20.60	20.77	3.0	22.0	
	256QAM	12	7	20.55	20.80	21.07	3.0	22.0	
		12	13	20.66	20.77	20.87	3.0	22.0	
		25	0	20.67	20.67	20.79	3.0	22.0	
		1	0	18.70	18.65	18.66	5.0	20.0	
		1	12	18.61	18.91	18.81	5.0	20.0	
		1	24	18.70	19.01	18.71	5.0	20.0	
	12	0	19.15	18.56	18.80	5.0	20.0		
	12	7	18.61	18.81	18.69	5.0	20.0		
	12	13	18.49	18.65	18.70	5.0	20.0		
	25	0	18.58	18.53	18.74	5.0	20.0		

LTE Band 30 (ANT A)

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)				
				Measured Pwr (dBm)			MPR	Tune-up Limit
					27710			
				2307.50 MHz	2310.00 MHz	2312.50 MHz		
10 MHz	QPSK	1	0		22.66		0.0	23.5
		1	25		22.78		0.0	23.5
		1	49		22.94		0.0	23.5
		25	0		21.58		1.0	22.5
		25	12		21.68		1.0	22.5
		25	25		21.69		1.0	22.5
	16QAM	50	0		21.67		1.0	22.5
		1	0		21.74		1.0	22.5
		1	25		21.84		1.0	22.5
		1	49		21.91		1.0	22.5
		25	0		20.60		2.0	21.5
		25	12		20.66		2.0	21.5
	64QAM	25	25		20.72		2.0	21.5
		50	0		20.68		2.0	21.5
		1	0		20.73		2.0	21.5
		1	25		20.81		2.0	21.5
		1	49		20.77		2.0	21.5
		25	0		19.53		3.0	20.5
	256QAM	25	12		19.67		3.0	20.5
		25	25		19.66		3.0	20.5
		50	0		19.63		3.0	20.5
		1	0		17.59		5.0	18.5
		1	25		17.79		5.0	18.5
		1	49		17.66		5.0	18.5
5 MHz	QPSK	25	0		17.50		5.0	18.5
		25	12		17.62		5.0	18.5
		25	25		17.57		5.0	18.5
		50	0		17.57		5.0	18.5
	16QAM	1	0	22.60	22.84	22.70	0.0	23.5
		1	12	22.64	23.15	22.80	0.0	23.5
		1	24	22.70	22.96	22.76	0.0	23.5
		12	0	21.73	21.53	21.67	1.0	22.5
		12	7	21.75	21.68	21.77	1.0	22.5
		12	13	21.67	21.61	21.70	1.0	22.5
	64QAM	25	0	21.69	21.59	21.69	1.0	22.5
		1	0	22.14	22.00	22.02	1.0	22.5
		1	12	22.04	21.96	22.07	1.0	22.5
		1	24	22.14	22.04	22.04	1.0	22.5
		12	0	20.77	20.59	20.71	2.0	21.5
		12	7	20.79	20.69	20.81	2.0	21.5
	256QAM	12	13	20.70	20.62	20.79	2.0	21.5
		25	0	20.63	20.63	20.76	2.0	21.5
		1	0	21.32	21.27	21.01	2.0	21.5
		1	12	21.38	21.17	21.05	2.0	21.5
		1	24	21.37	21.00	21.00	2.0	21.5
		12	0	19.62	19.09	19.72	3.0	20.5
	16QAM	12	7	19.68	19.73	19.86	3.0	20.5
		12	13	19.64	19.63	19.80	3.0	20.5
		25	0	19.61	19.72	19.77	3.0	20.5
	256QAM	1	0	17.72	17.72	17.75	5.0	18.5
		1	12	17.84	17.90	17.82	5.0	18.5
		1	24	17.69	17.69	17.72	5.0	18.5
	64QAM	12	0	17.61	17.59	17.63	5.0	18.5
		12	7	17.64	17.70	17.77	5.0	18.5
		12	13	17.60	17.64	17.69	5.0	18.5
		25	0	17.60	17.61	17.71	5.0	18.5

LTE Band 30 (ANT F)

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)				
				Measured Pwr (dBm)			MPR	Tune-up Limit
					27710			
				2307.50 MHz	2310.00 MHz	2312.50 MHz		
10 MHz	QPSK	1	0		21.96		0.0	23.0
		1	25		21.99		0.0	23.0
		1	49		21.88		0.0	23.0
		25	0		20.95		1.0	22.0
		25	12		20.93		1.0	22.0
		25	25		20.93		1.0	22.0
	16QAM	50	0		20.88		1.0	22.0
		1	0		21.16		1.0	22.0
		1	25		21.33		1.0	22.0
		1	49		21.24		1.0	22.0
		25	0		19.99		2.0	21.0
		25	12		19.92		2.0	21.0
	64QAM	25	25		19.93		2.0	21.0
		50	0		19.91		2.0	21.0
		1	0		20.12		2.0	21.0
		1	25		20.20		2.0	21.0
		1	49		20.13		2.0	21.0
		25	0		18.98		3.0	20.0
	256QAM	25	12		18.91		3.0	20.0
		25	25		18.88		3.0	20.0
		50	0		18.89		3.0	20.0
		1	0		17.01		5.0	18.0
		1	25		17.11		5.0	18.0
		1	49		16.87		5.0	18.0
5 MHz	QPSK	25	0		16.99		5.0	18.0
		25	12		16.93		5.0	18.0
		25	25		16.93		5.0	18.0
		50	0		16.90		5.0	18.0
	16QAM							
	64QAM							
	256QAM							

LTE Band 41 (PC3) (ANT B)

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)				
				Measured Pwr (dBm)			MPR	Tune-up Limit
				39750	40620	41490		
				2506.00 MHz	2593.00 MHz	2680.00 MHz		
20 MHz	QPSK	1	0	23.24	23.16	23.17	0.0	25.0
		1	49	23.74	23.08	23.40	0.0	25.0
		1	99	23.78	22.98	23.47	0.0	25.0
		50	0	22.66	22.17	22.27	1.0	24.0
		50	24	22.83	22.19	22.42	1.0	24.0
		50	50	22.75	22.15	22.45	1.0	24.0
	16QAM	100	0	22.67	22.16	22.37	1.0	24.0
		1	0	22.16	22.07	22.40	1.0	24.0
		1	49	22.90	22.37	22.55	1.0	24.0
		1	99	22.66	21.98	22.89	1.0	24.0
		50	0	21.66	21.19	21.30	2.0	23.0
		50	24	21.81	21.26	21.41	2.0	23.0
	64QAM	50	50	21.77	21.14	21.44	2.0	23.0
		100	0	21.72	21.19	21.37	2.0	23.0
		1	0	21.41	21.24	21.31	2.0	23.0
		1	49	21.83	21.33	21.72	2.0	23.0
		1	99	21.75	21.03	21.83	2.0	23.0
		50	0	20.62	20.17	20.28	3.0	22.0
	256QAM	50	24	20.81	20.20	20.40	3.0	22.0
		50	50	20.76	20.13	20.46	3.0	22.0
		100	0	20.65	20.13	20.38	3.0	22.0
		1	0	18.20	18.35	18.49	5.0	20.0
		1	49	19.10	18.31	18.53	5.0	20.0
		1	99	18.78	18.19	18.80	5.0	20.0
15 MHz	QPSK	50	0	18.58	18.13	18.28	5.0	20.0
		50	24	18.75	18.20	18.41	5.0	20.0
		50	50	18.80	18.04	18.42	5.0	20.0
		100	0	18.59	18.16	18.36	5.0	20.0
	16QAM	1	0	23.11	23.05	23.20	0.0	25.0
		1	37	23.56	23.06	23.43	0.0	25.0
		1	74	23.58	22.99	23.40	0.0	25.0
		36	0	22.58	22.08	22.30	1.0	24.0
		36	20	22.66	22.23	22.37	1.0	24.0
		36	39	22.68	22.06	22.42	1.0	24.0
	64QAM	75	0	22.59	22.17	22.33	1.0	24.0
		1	0	22.31	22.15	22.28	1.0	24.0
		1	37	22.97	22.29	22.46	1.0	24.0
		1	74	22.91	22.27	22.62	1.0	24.0
		36	0	21.59	21.17	21.28	2.0	23.0
		36	20	21.68	21.25	21.43	2.0	23.0
	256QAM	36	39	21.67	21.12	21.44	2.0	23.0
		75	0	21.60	21.21	21.40	2.0	23.0
		1	0	21.40	21.38	21.55	2.0	23.0
		1	37	21.75	21.28	21.55	2.0	23.0
		1	74	21.84	21.13	21.67	2.0	23.0
		36	0	20.57	20.20	20.32	3.0	22.0
	16QAM	36	20	20.66	20.22	20.47	3.0	22.0
		36	39	20.71	20.13	20.44	3.0	22.0
		75	0	20.59	20.20	20.40	3.0	22.0
	256QAM	1	0	18.45	18.10	18.30	5.0	20.0
		1	37	18.95	18.24	18.38	5.0	20.0
		1	74	19.08	18.11	18.62	5.0	20.0
	64QAM	36	0	18.49	18.14	18.35	5.0	20.0
		36	20	18.69	18.22	18.36	5.0	20.0
		36	39	18.72	18.06	18.44	5.0	20.0
		75	0	18.57	18.15	18.34	5.0	20.0

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
				39700	40620	41540		
				2501.00 MHz	2593.00 MHz	2685.00 MHz		
10 MHz	QPSK	1	0	23.13	23.20	23.38	0.0	25.0
		1	25	23.72	23.25	23.55	0.0	25.0
		1	49	23.75	23.10	23.60	0.0	25.0
		25	0	22.62	22.30	22.52	1.0	24.0
		25	12	22.74	22.26	22.58	1.0	24.0
		25	25	22.77	22.18	22.65	1.0	24.0
	16QAM	50	0	22.63	22.30	22.55	1.0	24.0
		1	0	22.42	22.26	22.71	1.0	24.0
		1	25	22.98	22.40	22.78	1.0	24.0
		1	49	22.89	22.19	22.78	1.0	24.0
		25	0	21.63	21.22	21.51	2.0	23.0
		25	12	21.73	21.30	21.59	2.0	23.0
	64QAM	25	25	21.78	21.15	21.54	2.0	23.0
		50	0	21.64	21.30	21.60	2.0	23.0
		1	0	21.36	21.53	21.63	2.0	23.0
		1	25	21.79	21.31	21.92	2.0	23.0
		1	49	21.91	21.10	21.82	2.0	23.0
		25	0	20.63	20.30	20.50	3.0	22.0
	256QAM	25	12	20.73	20.34	20.59	3.0	22.0
		25	25	20.73	20.21	20.60	3.0	22.0
		50	0	20.60	20.20	20.58	3.0	22.0
		1	0	18.34	18.37	18.55	5.0	20.0
		1	25	19.04	18.54	18.68	5.0	20.0
		1	49	18.95	18.32	18.84	5.0	20.0
5 MHz	QPSK	25	0	18.63	18.33	18.57	5.0	20.0
		25	12	18.71	18.28	18.58	5.0	20.0
		25	25	18.79	18.16	18.53	5.0	20.0
		50	0	18.60	18.24	18.53	5.0	20.0
	16QAM	1	0	23.18	23.09	23.40	0.0	25.0
		1	12	23.59	23.25	23.66	0.0	25.0
		1	24	23.75	23.14	23.43	0.0	25.0
		12	0	22.46	22.26	22.57	1.0	24.0
		12	7	22.67	22.32	22.61	1.0	24.0
		12	13	22.71	22.23	22.59	1.0	24.0
	64QAM	25	0	22.60	22.28	22.58	1.0	24.0
		1	0	22.06	22.36	22.61	1.0	24.0
		1	12	22.74	22.54	22.64	1.0	24.0
		1	24	22.80	22.36	22.72	1.0	24.0
		12	0	21.47	21.30	21.59	2.0	23.0
		12	7	21.78	21.38	21.69	2.0	23.0
	256QAM	12	13	21.78	21.25	21.64	2.0	23.0
		25	0	21.61	21.29	21.61	2.0	23.0
		1	0	21.27	21.47	21.68	2.0	23.0
		1	12	21.88	21.58	21.69	2.0	23.0
		1	24	21.77	21.47	21.86	2.0	23.0
		12	0	20.47	20.34	20.61	3.0	22.0
	QPSK	12	7	20.75	20.36	20.64	3.0	22.0
		12	13	20.74	20.17	20.65	3.0	22.0
		25	0	20.58	20.32	20.66	3.0	22.0
		1	0	18.21	18.41	18.60	5.0	20.0
		1	12	18.64	18.39	18.88	5.0	20.0
		1	24	18.67	18.22	18.64	5.0	20.0
	16QAM	12	0	18.35	18.25	18.55	5.0	20.0
		12	7	18.65	18.29	18.61	5.0	20.0
		12	13	18.72	18.10	18.62	5.0	20.0
		25	0	18.53	18.22	18.56	5.0	20.0
	64QAM	1	0	23.18	23.09	23.40	0.0	25.0
		1	12	23.59	23.25	23.66	0.0	25.0
	256QAM	1	0	23.75	23.14	23.43	0.0	25.0
		12	0	22.46	22.26	22.57	1.0	24.0

LTE Band 41 (PC3) (ANT F)

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)				
				Measured Pwr (dBm)			MPR	Tune-up Limit
				39750	40620	41490		
				2506.00 MHz	2593.00 MHz	2680.00 MHz		
20 MHz	QPSK	1	0	23.92	23.88	24.08	0.0	25.0
		1	49	24.07	23.98	24.06	0.0	25.0
		1	99	24.03	23.87	23.92	0.0	25.0
		50	0	23.18	23.01	23.04	1.0	24.0
		50	24	23.12	23.15	23.12	1.0	24.0
		50	50	22.96	22.95	22.96	1.0	24.0
	16QAM	100	0	23.01	23.05	22.93	1.0	24.0
		1	0	22.80	22.70	22.92	1.0	24.0
		1	49	23.34	22.71	23.30	1.0	24.0
		1	99	23.06	22.76	23.20	1.0	24.0
		50	0	22.15	22.12	22.02	2.0	23.0
		50	24	22.17	22.10	22.07	2.0	23.0
	64QAM	50	50	21.99	22.09	22.04	2.0	23.0
		100	0	22.07	22.08	22.03	2.0	23.0
		1	0	22.27	22.26	22.13	2.0	23.0
		1	49	22.64	22.49	22.41	2.0	23.0
		1	99	22.07	22.36	21.99	2.0	23.0
		50	0	21.09	21.09	21.04	3.0	22.0
	256QAM	50	24	21.15	21.19	21.14	3.0	22.0
		50	50	21.03	21.05	20.95	3.0	22.0
		100	0	21.10	21.00	21.01	3.0	22.0
		1	0	19.32	19.38	19.67	5.0	20.0
		1	49	19.48	19.34	19.44	5.0	20.0
		1	99	19.23	19.04	19.06	5.0	20.0
15 MHz	QPSK	50	0	18.99	19.09	19.00	5.0	20.0
		50	24	19.06	19.14	19.16	5.0	20.0
		50	50	19.02	19.02	19.00	5.0	20.0
		100	0	19.04	19.02	18.90	5.0	20.0
	16QAM	1	0	23.98	24.10	23.93	0.0	25.0
		1	37	24.00	23.97	24.09	0.0	25.0
		1	74	23.79	23.95	23.88	0.0	25.0
		36	0	23.06	23.08	23.01	1.0	24.0
		36	20	23.06	23.05	22.99	1.0	24.0
		36	39	22.94	23.01	22.89	1.0	24.0
	64QAM	75	0	22.98	23.07	22.95	1.0	24.0
		1	0	22.99	23.33	23.37	1.0	24.0
		1	37	23.10	22.90	23.03	1.0	24.0
		1	74	23.42	23.03	23.01	1.0	24.0
		36	0	22.13	22.14	22.05	2.0	23.0
		36	20	22.04	22.12	22.11	2.0	23.0
	256QAM	36	39	22.08	22.09	21.91	2.0	23.0
		75	0	21.93	22.18	22.02	2.0	23.0
		1	0	22.33	22.22	22.16	2.0	23.0
		1	37	21.89	22.20	22.05	2.0	23.0
		1	74	21.55	22.22	22.13	2.0	23.0
		36	0	21.10	21.19	21.05	3.0	22.0
		36	20	21.09	21.26	21.10	3.0	22.0
		36	39	21.08	21.12	21.00	3.0	22.0
		75	0	21.05	21.03	20.92	3.0	22.0
		1	0	19.00	19.24	19.25	5.0	20.0
		1	37	19.51	19.12	19.44	5.0	20.0
		1	74	19.40	19.06	19.28	5.0	20.0
		36	0	19.06	19.04	19.02	5.0	20.0
		36	20	19.11	19.10	19.16	5.0	20.0
		36	39	19.01	19.01	18.89	5.0	20.0
		75	0	19.06	19.11	19.02	5.0	20.0

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
				39700	40620	41540		
				2501.00 MHz	2593.00 MHz	2685.00 MHz		
10 MHz	QPSK	1	0	23.95	24.08	24.02	0.0	25.0
		1	25	24.14	24.12	24.01	0.0	25.0
		1	49	23.90	24.03	23.89	0.0	25.0
		25	0	23.09	23.15	23.07	1.0	24.0
		25	12	23.12	23.20	23.03	1.0	24.0
		25	25	23.06	23.08	23.06	1.0	24.0
	16QAM	50	0	23.10	23.13	22.98	1.0	24.0
		1	0	23.16	23.35	23.06	1.0	24.0
		1	25	23.20	23.45	23.42	1.0	24.0
		1	49	23.27	23.04	23.05	1.0	24.0
		25	0	22.15	22.17	22.09	2.0	23.0
		25	12	22.12	22.15	22.03	2.0	23.0
	64QAM	25	25	22.04	22.12	22.06	2.0	23.0
		50	0	22.14	22.16	22.04	2.0	23.0
		1	0	22.39	22.40	22.32	2.0	23.0
		1	25	22.32	22.48	22.46	2.0	23.0
		1	49	22.39	22.28	22.27	2.0	23.0
		25	0	21.13	21.19	21.06	3.0	22.0
	256QAM	25	12	21.13	21.21	21.08	3.0	22.0
		25	25	21.14	21.09	21.02	3.0	22.0
		50	0	21.09	21.11	21.01	3.0	22.0
		1	0	19.34	19.24	19.01	5.0	20.0
		1	25	19.44	19.29	19.32	5.0	20.0
		1	49	19.19	19.15	19.18	5.0	20.0
5 MHz	QPSK	25	0	19.09	19.12	19.07	5.0	20.0
		25	12	19.14	19.24	19.04	5.0	20.0
		25	25	19.15	19.09	19.05	5.0	20.0
		50	0	19.12	19.11	18.98	5.0	20.0
	16QAM	1	0	24.12	23.90	23.92	0.0	25.0
		1	12	24.22	24.09	24.03	0.0	25.0
		1	24	23.93	24.04	23.93	0.0	25.0
		12	0	23.14	23.09	23.06	1.0	24.0
		12	7	23.11	23.09	23.05	1.0	24.0
		12	13	23.06	23.13	23.00	1.0	24.0
	64QAM	25	0	23.12	23.10	23.08	1.0	24.0
		1	0	23.08	23.27	23.17	1.0	24.0
		1	12	23.21	23.35	23.39	1.0	24.0
		1	24	23.33	23.16	22.99	1.0	24.0
		12	0	22.18	22.11	22.06	2.0	23.0
		12	7	22.11	22.11	22.13	2.0	23.0
	256QAM	12	13	22.10	22.16	22.08	2.0	23.0
		25	0	22.15	22.10	22.07	2.0	23.0
		1	0	22.22	22.47	22.02	2.0	23.0
		1	12	22.37	22.21	22.17	2.0	23.0
		1	24	22.33	22.04	22.13	2.0	23.0
		12	0	21.16	21.16	21.05	3.0	22.0
	QPSK	12	7	21.21	21.20	21.03	3.0	22.0
		12	13	21.02	21.11	21.07	3.0	22.0
		25	0	21.13	21.14	21.07	3.0	22.0
		1	0	19.09	19.21	19.10	5.0	20.0
		1	12	19.28	19.25	19.17	5.0	20.0
		1	24	19.28	19.26	19.29	5.0	20.0
	16QAM	12	0	19.16	19.12	19.00	5.0	20.0
		12	7	19.08	19.12	19.05	5.0	20.0
		12	13	19.23	19.19	18.95	5.0	20.0
		25	0	19.08	19.09	19.03	5.0	20.0
	64QAM	1	0	24.12	23.90	23.92	0.0	25.0
		1	12	24.22	24.09	24.03	0.0	25.0
	256QAM	1	0	23.08	23.27	23.17	1.0	24.0
		1	12	23.21	23.35	23.39	1.0	24.0

LTE Band 66 (ANT A)

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)				
				Measured Pwr (dBm)			MPR	Tune-up Limit
				132072	132322	132572		
				1720.00 MHz	1745.00 MHz	1770.00 MHz		
20 MHz	QPSK	1	0	23.78	23.79	23.48	0.0	24.5
		1	49	23.72	24.21	23.83	0.0	24.5
		1	99	23.42	23.95	23.69	0.0	24.5
		50	0	22.67	22.94	22.80	1.0	23.5
		50	24	22.74	22.82	22.84	1.0	23.5
		50	50	22.84	22.99	22.81	1.0	23.5
	16QAM	100	0	22.69	22.89	22.81	1.0	23.5
		1	0	22.19	22.89	22.59	1.0	23.5
		1	49	22.59	23.19	22.84	1.0	23.5
		1	99	22.82	22.18	22.92	1.0	23.5
		50	0	21.71	21.89	21.89	2.0	22.5
		50	24	21.78	21.99	21.93	2.0	22.5
	64QAM	50	50	21.82	22.04	21.91	2.0	22.5
		100	0	21.75	21.89	21.82	2.0	22.5
		1	0	21.98	22.01	22.11	2.0	22.5
		1	49	21.89	22.04	22.41	2.0	22.5
		1	99	21.80	21.96	21.83	2.0	22.5
		50	0	20.64	20.88	20.81	3.0	21.5
	256QAM	50	24	20.77	20.96	20.75	3.0	21.5
		50	50	20.79	20.88	20.79	3.0	21.5
		100	0	20.76	20.85	20.75	3.0	21.5
		1	0	18.36	18.85	19.23	5.0	19.5
		1	49	18.38	19.03	18.82	5.0	19.5
		1	99	18.85	18.79	18.76	5.0	19.5
15 MHz	QPSK	50	0	18.66	18.90	18.83	5.0	19.5
		50	24	18.83	18.91	18.81	5.0	19.5
		50	50	18.81	18.87	18.75	5.0	19.5
		100	0	18.73	18.92	18.88	5.0	19.5
	16QAM	1	0	24.22	23.83	23.59	0.0	24.5
		1	37	24.29	24.13	23.63	0.0	24.5
		1	74	24.19	23.62	24.23	0.0	24.5
		36	0	22.65	22.86	22.85	1.0	23.5
		36	20	22.64	22.88	22.87	1.0	23.5
		36	39	22.69	22.95	22.85	1.0	23.5
	64QAM	75	0	22.82	22.86	22.76	1.0	23.5
		1	0	22.85	23.20	23.10	1.0	23.5
		1	37	22.59	22.65	22.87	1.0	23.5
		1	74	23.18	23.09	23.05	1.0	23.5
		36	0	21.56	21.81	21.91	2.0	22.5
		36	20	21.68	21.78	21.91	2.0	22.5
	256QAM	36	39	21.78	21.96	21.77	2.0	22.5
		75	0	21.73	21.89	21.89	2.0	22.5
		1	0	21.78	22.17	21.88	2.0	22.5
		1	37	21.35	21.26	21.46	2.0	22.5
		1	74	22.35	21.51	22.40	2.0	22.5
		36	0	20.66	20.84	20.84	3.0	21.5
	QPSK	36	20	20.66	20.92	20.97	3.0	21.5
		36	39	20.71	20.96	20.80	3.0	21.5
		75	0	20.76	20.93	20.85	3.0	21.5
	16QAM	1	0	18.96	19.06	18.87	5.0	19.5
		1	37	18.57	19.09	18.81	5.0	19.5
		1	74	18.74	19.10	19.19	5.0	19.5
	64QAM	36	0	18.58	18.92	18.81	5.0	19.5
		36	20	18.73	18.94	18.88	5.0	19.5
		36	39	18.66	18.95	18.91	5.0	19.5
		75	0	18.69	18.85	18.79	5.0	19.5

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
				132022	132322	132622		
				1715.00 MHz	1745.00 MHz	1775.00 MHz		
10 MHz	QPSK	1	0	23.56	23.82	23.94	0.0	24.5
		1	25	23.80	23.93	23.65	0.0	24.5
		1	49	23.37	24.04	23.67	0.0	24.5
		25	0	22.62	22.94	22.76	1.0	23.5
		25	12	22.72	22.94	22.99	1.0	23.5
		25	25	22.75	23.06	22.90	1.0	23.5
	16QAM	50	0	22.73	22.96	22.98	1.0	23.5
		1	0	22.75	22.79	22.99	1.0	23.5
		1	25	22.70	22.80	22.76	1.0	23.5
		1	49	22.53	23.38	22.82	1.0	23.5
		25	0	21.71	21.89	21.81	2.0	22.5
		25	12	21.74	21.92	21.82	2.0	22.5
	64QAM	25	25	21.72	21.99	22.02	2.0	22.5
		50	0	21.78	21.91	21.90	2.0	22.5
		1	0	21.59	22.13	22.24	2.0	22.5
		1	25	21.77	22.38	21.85	2.0	22.5
		1	49	21.11	21.92	22.00	2.0	22.5
		25	0	20.57	21.03	20.87	3.0	21.5
	256QAM	25	12	20.81	21.05	20.92	3.0	21.5
		25	25	20.77	21.00	20.81	3.0	21.5
		50	0	20.68	20.94	20.87	3.0	21.5
		1	0	18.78	18.76	18.85	5.0	19.5
		1	25	18.53	19.14	18.83	5.0	19.5
		1	49	19.27	19.12	18.74	5.0	19.5
5 MHz	QPSK	25	0	18.53	18.89	18.70	5.0	19.5
		25	12	18.74	18.84	19.02	5.0	19.5
		25	25	18.67	18.94	18.80	5.0	19.5
		50	0	18.69	18.86	18.76	5.0	19.5
	16QAM	1	0	23.62	23.83	23.79	0.0	24.5
		1	12	23.73	23.76	23.75	0.0	24.5
		1	24	23.46	23.89	23.69	0.0	24.5
		12	0	22.65	22.94	22.79	1.0	23.5
		12	7	22.76	22.98	22.97	1.0	23.5
		12	13	22.73	22.94	22.87	1.0	23.5
	64QAM	25	0	22.65	22.92	22.74	1.0	23.5
		1	0	22.39	23.28	23.00	1.0	23.5
		1	12	22.79	23.19	22.73	1.0	23.5
		1	24	22.57	23.23	22.99	1.0	23.5
		12	0	21.71	22.03	21.81	2.0	22.5
		12	7	21.75	21.95	22.04	2.0	22.5
	256QAM	12	13	21.86	21.94	21.77	2.0	22.5
		25	0	21.67	21.87	21.83	2.0	22.5
		1	0	22.04	22.11	22.03	2.0	22.5
		1	12	21.65	22.13	22.18	2.0	22.5
		1	24	21.59	22.10	21.83	2.0	22.5
		12	0	20.64	21.00	20.93	3.0	21.5
	QPSK	12	7	20.83	20.98	21.09	3.0	21.5
		12	13	20.66	21.08	20.91	3.0	21.5
		25	0	20.66	20.95	20.86	3.0	21.5
		1	0	18.62	18.88	18.84	5.0	19.5
		1	12	18.60	19.17	19.29	5.0	19.5
		1	24	18.74	19.04	19.10	5.0	19.5
	16QAM	12	0	18.70	18.98	18.79	5.0	19.5
		12	7	18.71	18.96	18.87	5.0	19.5
		12	13	18.69	19.06	19.03	5.0	19.5
		25	0	18.77	19.03	18.89	5.0	19.5
	64QAM	1	0	22.04	22.11	22.03	2.0	22.5
		1	12	21.65	22.13	22.18	2.0	22.5
	256QAM	1	0	18.62	18.88	18.84	5.0	19.5
		1	12	18.60	19.17	19.29	5.0	19.5

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
				131987	132322	132657		
				1711.50 MHz	1745.00 MHz	1778.50 MHz		
3 MHz	QPSK	1	0	23.40	23.84	23.62	0.0	24.5
		1	8	23.67	23.90	23.91	0.0	24.5
		1	14	23.47	23.86	23.75	0.0	24.5
		8	0	22.67	22.89	22.83	1.0	23.5
		8	4	22.66	22.80	22.88	1.0	23.5
		8	7	22.62	22.88	22.93	1.0	23.5
	16QAM	15	0	22.69	22.88	22.77	1.0	23.5
		1	0	22.46	23.12	22.81	1.0	23.5
		1	8	22.94	23.21	22.63	1.0	23.5
		1	14	23.09	22.98	23.00	1.0	23.5
		8	0	21.69	21.92	21.98	2.0	22.5
		8	4	21.83	21.88	21.89	2.0	22.5
	64QAM	8	7	21.68	22.09	21.78	2.0	22.5
		15	0	21.80	21.92	21.75	2.0	22.5
		1	0	21.69	22.04	22.08	2.0	22.5
		1	8	21.71	21.72	22.26	2.0	22.5
		1	14	21.68	22.40	21.78	2.0	22.5
		8	0	20.71	20.93	20.77	3.0	21.5
	256QAM	8	4	20.73	20.99	20.83	3.0	21.5
		8	7	20.71	21.01	21.02	3.0	21.5
		15	0	20.81	21.03	20.91	3.0	21.5
		1	0	18.37	18.93	19.15	5.0	19.5
		1	8	18.83	19.34	18.94	5.0	19.5
		1	14	19.12	19.13	18.90	5.0	19.5
1.4 MHz	QPSK	8	0	18.81	18.92	18.88	5.0	19.5
		8	4	18.71	19.00	18.84	5.0	19.5
		8	7	18.55	19.05	18.83	5.0	19.5
		15	0	18.74	18.93	18.81	5.0	19.5
	16QAM	1	0	23.76	23.66	23.72	0.0	24.5
		1	3	23.91	23.76	23.70	0.0	24.5
		1	5	23.80	23.80	23.55	0.0	24.5
		3	0	23.80	23.77	23.85	1.0	23.5
		3	1	23.72	23.82	23.74	1.0	23.5
		3	3	23.82	23.82	23.65	1.0	23.5
	64QAM	6	0	22.82	22.89	22.77	1.0	23.5
		1	0	23.11	23.21	23.23	1.0	23.5
		1	3	23.40	23.18	22.73	1.0	23.5
		1	5	23.25	22.53	22.99	1.0	23.5
		3	0	22.86	23.03	23.11	2.0	22.5
		3	1	22.99	23.17	22.94	2.0	22.5
	256QAM	3	3	22.76	23.03	22.84	2.0	22.5
		6	0	21.89	21.79	21.97	2.0	22.5
		1	0	22.32	22.29	21.87	2.0	22.5
		1	3	21.67	21.99	22.13	2.0	22.5
		1	5	22.15	22.23	21.97	2.0	22.5
		3	0	21.84	22.02	22.03	3.0	21.5
	QPSK	3	1	22.13	22.05	21.83	3.0	21.5
		3	3	21.87	22.07	21.90	3.0	21.5
		6	0	20.79	20.79	20.98	3.0	21.5
	16QAM	1	0	18.98	19.25	19.00	5.0	19.5
		1	3	18.89	18.89	18.59	5.0	19.5
		1	5	19.13	19.42	18.92	5.0	19.5
	64QAM	3	0	19.06	18.86	19.08	5.0	19.5
		3	1	18.71	18.79	19.03	5.0	19.5
		3	3	18.78	19.08	18.91	5.0	19.5
		6	0	18.84	18.98	18.79	5.0	19.5

LTE Band 66 (ANT F)

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)				
				Measured Pwr (dBm)			MPR	Tune-up Limit
				132072	132322	132572		
				1720.00 MHz	1745.00 MHz	1770.00 MHz		
20 MHz	QPSK	1	0	23.40	23.36	23.47	0.0	24.5
		1	49	23.17	23.52	23.34	0.0	24.5
		1	99	23.24	23.57	23.34	0.0	24.5
		50	0	22.26	22.42	22.36	1.0	23.5
		50	24	22.42	22.41	22.42	1.0	23.5
		50	50	22.41	22.48	22.43	1.0	23.5
	16QAM	100	0	22.40	22.44	22.47	1.0	23.5
		1	0	22.98	22.52	22.39	1.0	23.5
		1	49	22.86	22.63	22.56	1.0	23.5
		1	99	22.02	22.63	22.43	1.0	23.5
		50	0	21.38	21.47	21.35	2.0	22.5
		50	24	21.53	21.43	21.51	2.0	22.5
	64QAM	50	50	21.45	21.53	21.46	2.0	22.5
		100	0	21.46	21.47	21.42	2.0	22.5
		1	0	21.58	21.37	21.53	2.0	22.5
		1	49	21.98	21.32	21.52	2.0	22.5
		1	99	21.60	21.77	21.52	2.0	22.5
		50	0	20.36	20.44	20.38	3.0	21.5
	256QAM	50	24	20.48	20.44	20.51	3.0	21.5
		50	50	20.44	20.47	20.41	3.0	21.5
		100	0	20.42	20.42	20.46	3.0	21.5
		1	0	18.77	18.87	18.49	5.0	19.5
		1	49	18.63	18.72	18.50	5.0	19.5
		1	99	18.58	18.88	18.92	5.0	19.5
15 MHz	QPSK	50	0	18.56	18.62	18.69	5.0	19.5
		50	24	18.66	18.59	18.83	5.0	19.5
		50	50	18.67	18.71	18.74	5.0	19.5
		100	0	18.59	18.64	18.73	5.0	19.5
	16QAM	1	0	23.50	23.36	23.43	0.0	24.5
		1	37	23.35	23.44	23.26	0.0	24.5
		1	74	23.12	23.37	23.38	0.0	24.5
		36	0	22.24	22.39	22.32	1.0	23.5
		36	20	22.40	22.43	22.35	1.0	23.5
		36	39	22.37	22.47	22.39	1.0	23.5
	64QAM	75	0	22.39	22.45	22.27	1.0	23.5
		1	0	22.91	22.51	23.00	1.0	23.5
		1	37	22.76	22.76	22.63	1.0	23.5
		1	74	22.44	22.51	22.55	1.0	23.5
		36	0	21.30	21.42	21.42	2.0	22.5
		36	20	21.39	21.45	21.44	2.0	22.5
	256QAM	36	39	21.36	21.56	21.43	2.0	22.5
		75	0	21.36	21.42	21.35	2.0	22.5
		1	0	21.58	21.42	21.77	2.0	22.5
		1	37	21.41	21.84	21.40	2.0	22.5
		1	74	21.54	21.38	21.72	2.0	22.5
		36	0	20.31	20.32	20.35	3.0	21.5
15 MHz	QPSK	36	20	20.38	20.50	20.38	3.0	21.5
		36	39	20.45	20.60	20.34	3.0	21.5
		75	0	20.33	20.41	20.40	3.0	21.5
	16QAM	1	0	18.96	19.07	18.38	5.0	19.5
		1	37	19.01	18.97	18.72	5.0	19.5
		1	74	18.91	18.79	18.92	5.0	19.5
	64QAM	36	0	18.52	18.62	18.61	5.0	19.5
		36	20	18.63	18.64	18.77	5.0	19.5
		36	39	18.63	18.74	18.83	5.0	19.5
		75	0	18.58	18.66	18.70	5.0	19.5

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
				132022	132322	132622		
				1715.00 MHz	1745.00 MHz	1775.00 MHz		
10 MHz	QPSK	1	0	23.29	23.41	23.33	0.0	24.5
		1	25	23.42	23.41	23.30	0.0	24.5
		1	49	23.47	23.33	23.25	0.0	24.5
		25	0	22.30	22.41	22.41	1.0	23.5
		25	12	22.42	22.52	22.41	1.0	23.5
		25	25	22.44	22.53	22.43	1.0	23.5
	16QAM	50	0	22.39	22.42	22.46	1.0	23.5
		1	0	22.43	22.88	22.81	1.0	23.5
		1	25	22.73	22.49	22.82	1.0	23.5
		1	49	22.78	22.28	22.67	1.0	23.5
		25	0	21.30	21.47	21.31	2.0	22.5
		25	12	21.41	21.46	21.48	2.0	22.5
	64QAM	25	25	21.46	21.59	21.54	2.0	22.5
		50	0	21.43	21.35	21.49	2.0	22.5
		1	0	21.28	20.99	21.31	2.0	22.5
		1	25	21.70	22.37	21.70	2.0	22.5
		1	49	21.69	21.87	21.30	2.0	22.5
		25	0	20.31	20.48	20.41	3.0	21.5
	256QAM	25	12	20.40	20.44	20.54	3.0	21.5
		25	25	20.35	20.50	20.41	3.0	21.5
		50	0	20.39	20.42	20.47	3.0	21.5
		1	0	18.28	18.50	18.61	5.0	19.5
		1	25	18.70	18.97	18.90	5.0	19.5
		1	49	18.51	18.77	19.06	5.0	19.5
5 MHz	QPSK	25	0	18.58	18.68	18.85	5.0	19.5
		25	12	18.72	18.79	18.82	5.0	19.5
		25	25	18.62	18.84	18.85	5.0	19.5
		50	0	18.62	18.69	18.78	5.0	19.5
	16QAM	1	0	23.27	23.60	23.22	0.0	24.5
		1	12	23.21	23.56	23.39	0.0	24.5
		1	24	23.42	23.27	23.23	0.0	24.5
		12	0	22.35	22.45	22.43	1.0	23.5
		12	7	22.44	22.48	22.53	1.0	23.5
		12	13	22.31	22.59	22.47	1.0	23.5
	64QAM	25	0	22.41	22.43	22.38	1.0	23.5
		1	0	22.88	22.55	22.72	1.0	23.5
		1	12	22.81	23.01	22.74	1.0	23.5
		1	24	23.10	22.53	22.70	1.0	23.5
		12	0	21.37	21.52	21.46	2.0	22.5
		12	7	21.48	21.62	21.54	2.0	22.5
	256QAM	12	13	21.45	21.59	21.41	2.0	22.5
		25	0	21.44	21.52	21.44	2.0	22.5
		1	0	21.31	21.61	21.21	2.0	22.5
		1	12	21.38	21.61	21.68	2.0	22.5
		1	24	21.16	21.31	21.32	2.0	22.5
		12	0	20.48	20.44	20.46	3.0	21.5
	QPSK	12	7	20.54	20.54	20.58	3.0	21.5
		12	13	20.48	20.56	20.46	3.0	21.5
		25	0	20.33	20.51	20.28	3.0	21.5
	16QAM	1	0	18.46	18.74	19.03	5.0	19.5
		1	12	18.80	18.82	18.10	5.0	19.5
		1	24	18.59	18.99	18.70	5.0	19.5
	64QAM	12	0	18.70	18.56	18.88	5.0	19.5
		12	7	18.74	19.01	18.76	5.0	19.5
		12	13	18.72	18.64	18.84	5.0	19.5
		25	0	18.57	18.59	18.78	5.0	19.5

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
				131987	132322	132657		
				1711.50 MHz	1745.00 MHz	1778.50 MHz		
3 MHz	QPSK	1	0	23.26	23.33	23.31	0.0	24.5
		1	8	23.20	23.67	23.46	0.0	24.5
		1	14	23.24	23.53	23.18	0.0	24.5
		8	0	22.39	22.44	22.51	1.0	23.5
		8	4	22.38	22.55	22.42	1.0	23.5
		8	7	22.28	22.62	22.40	1.0	23.5
	16QAM	15	0	22.35	22.49	22.40	1.0	23.5
		1	0	22.68	22.59	22.86	1.0	23.5
		1	8	22.34	23.04	22.95	1.0	23.5
		1	14	22.46	23.00	22.48	1.0	23.5
		8	0	21.48	21.67	21.37	2.0	22.5
		8	4	21.45	21.62	21.37	2.0	22.5
	64QAM	8	7	21.58	21.77	21.69	2.0	22.5
		15	0	21.43	21.55	21.50	2.0	22.5
		1	0	21.36	21.57	21.68	2.0	22.5
		1	8	21.55	21.82	21.91	2.0	22.5
		1	14	21.33	21.68	21.30	2.0	22.5
		8	0	20.49	20.54	20.44	3.0	21.5
	256QAM	8	4	20.61	20.59	20.40	3.0	21.5
		8	7	20.40	20.54	20.43	3.0	21.5
		15	0	20.43	20.51	20.51	3.0	21.5
		1	0	18.66	18.59	18.75	5.0	19.5
		1	8	19.14	18.87	19.33	5.0	19.5
		1	14	18.17	18.49	18.78	5.0	19.5
1.4 MHz	QPSK	8	0	18.61	18.74	18.78	5.0	19.5
		8	4	18.68	19.03	18.81	5.0	19.5
		8	7	18.56	18.85	18.88	5.0	19.5
		15	0	18.55	18.65	18.79	5.0	19.5
		1	0	23.34	23.57	23.75	0.0	24.5
		1	3	23.46	23.45	23.50	0.0	24.5
	16QAM	1	5	23.37	23.73	23.76	0.0	24.5
		3	0	23.44	23.68	23.76	1.0	23.5
		3	1	23.45	23.61	23.66	1.0	23.5
		3	3	23.48	23.60	23.66	1.0	23.5
		6	0	22.48	22.69	22.72	1.0	23.5
		1	0	23.08	22.52	22.85	1.0	23.5
	64QAM	1	3	23.04	22.56	22.76	1.0	23.5
		1	5	22.38	22.55	22.90	1.0	23.5
		3	0	22.79	22.72	22.75	2.0	22.5
		3	1	22.60	22.82	22.73	2.0	22.5
		3	3	22.48	22.82	22.63	2.0	22.5
		6	0	21.49	21.66	21.89	2.0	22.5
	256QAM	1	0	21.67	21.99	22.01	2.0	22.5
		1	3	21.59	21.74	21.74	2.0	22.5
		1	5	21.57	21.44	21.81	2.0	22.5
		3	0	21.75	21.81	21.70	3.0	21.5
		3	1	21.67	21.87	21.82	3.0	21.5
		3	3	21.70	21.91	22.01	3.0	21.5
		6	0	20.47	20.78	20.80	3.0	21.5
		1	0	18.71	18.58	18.90	5.0	19.5
		1	3	18.37	19.21	18.88	5.0	19.5
		1	5	18.65	18.69	18.99	5.0	19.5
		3	0	18.83	18.66	19.02	5.0	19.5
		3	1	18.68	18.70	18.77	5.0	19.5
		3	3	18.64	18.93	19.05	5.0	19.5
		6	0	18.61	18.62	18.67	5.0	19.5
		1	0	23.34	23.57	23.75	0.0	24.5
		1	3	23.46	23.45	23.50	0.0	24.5
		1	5	23.37	23.73	23.76	0.0	24.5
		3	0	23.44	23.68	23.76	1.0	23.5

LTE Band 71 (ANT A)

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)				
				Measured Pwr (dBm)			MPR	Tune-up Limit
				133222	133297	133372		
				673.00 MHz	680.50 MHz	688.00 MHz		
20 MHz	QPSK	1	0	23.94	24.05	23.99	0.0	25.0
		1	49	23.82	23.94	24.02	0.0	25.0
		1	99	23.80	24.02	23.86	0.0	25.0
		50	0	22.93	23.09	22.95	1.0	24.0
		50	24	22.99	23.07	22.99	1.0	24.0
		50	50	22.89	23.05	23.00	1.0	24.0
	16QAM	100	0	22.95	22.92	23.03	1.0	24.0
		1	0	23.17	23.17	23.28	1.0	24.0
		1	49	22.96	23.41	23.38	1.0	24.0
		1	99	23.24	23.19	22.90	1.0	24.0
		50	0	21.88	22.01	22.04	2.0	23.0
		50	24	21.93	21.95	22.00	2.0	23.0
	64QAM	50	50	21.98	21.99	22.08	2.0	23.0
		100	0	21.92	22.01	22.07	2.0	23.0
		1	0	22.41	22.18	22.32	2.0	23.0
		1	49	21.90	22.21	22.15	2.0	23.0
		1	99	22.00	22.02	21.87	2.0	23.0
		50	0	20.88	20.93	21.03	3.0	22.0
	256QAM	50	24	20.93	21.00	20.96	3.0	22.0
		50	50	21.00	21.00	20.98	3.0	22.0
		100	0	20.90	20.89	20.96	3.0	22.0
		1	0	19.01	19.29	18.75	4.0	21.0
		1	49	18.88	19.18	18.85	4.0	21.0
		1	99	19.19	18.76	18.79	4.0	21.0
15 MHz	QPSK	50	0	18.81	18.81	18.86	5.0	20.0
		50	24	18.79	18.84	18.81	5.0	20.0
		50	50	18.73	18.88	18.93	5.0	20.0
		100	0	18.74	18.79	18.81	5.0	20.0
	16QAM	1	0	23.78	23.89	23.98	0.0	25.0
		1	37	23.87	23.90	23.94	0.0	25.0
		1	74	23.91	23.81	23.92	0.0	25.0
		36	0	22.92	22.96	23.06	1.0	24.0
		36	20	22.89	22.96	23.10	1.0	24.0
		36	39	22.85	22.99	23.06	1.0	24.0
	64QAM	75	0	22.90	22.99	23.03	1.0	24.0
		1	0	23.18	23.15	22.97	1.0	24.0
		1	37	23.25	23.78	23.47	1.0	24.0
		1	74	23.25	22.89	23.51	1.0	24.0
		36	0	21.86	21.98	22.15	2.0	23.0
		36	20	21.83	22.08	22.07	2.0	23.0
	256QAM	36	39	21.82	22.06	22.00	2.0	23.0
		75	0	22.00	22.02	21.98	2.0	23.0
		1	0	22.07	22.02	22.12	2.0	23.0
		1	37	21.86	22.30	22.04	2.0	23.0
		1	74	21.91	21.96	22.23	2.0	23.0
		36	0	20.92	20.86	21.04	3.0	22.0
15 MHz	64QAM	36	20	20.99	20.97	21.03	3.0	22.0
		36	39	20.84	20.95	20.95	3.0	22.0
		75	0	20.94	21.00	20.96	3.0	22.0
	256QAM	1	0	18.69	19.02	18.70	4.0	21.0
		1	37	19.01	18.88	18.98	4.0	21.0
		1	74	18.99	19.04	18.72	4.0	21.0
	256QAM	36	0	18.68	18.68	18.85	5.0	20.0
		36	20	18.78	18.72	18.87	5.0	20.0
		36	39	18.59	18.88	18.76	5.0	20.0
		75	0	18.64	18.79	18.83	5.0	20.0

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
				133172	133297	133422		
				668.00 MHz	680.50 MHz	693.00 MHz		
10 MHz	QPSK	1	0	23.79	24.04	23.94	0.0	25.0
		1	25	23.93	24.08	24.07	0.0	25.0
		1	49	24.00	23.89	24.43	0.0	25.0
		25	0	22.86	22.96	23.14	1.0	24.0
		25	12	22.93	23.00	23.04	1.0	24.0
		25	25	22.89	23.03	23.12	1.0	24.0
	16QAM	50	0	22.97	22.95	23.02	1.0	24.0
		1	0	23.33	23.21	23.47	1.0	24.0
		1	25	23.33	22.97	23.50	1.0	24.0
		1	49	23.22	22.85	23.53	1.0	24.0
		25	0	21.94	22.00	22.09	2.0	23.0
		25	12	21.98	22.11	22.15	2.0	23.0
	64QAM	25	25	21.95	22.16	22.21	2.0	23.0
		50	0	21.88	22.04	22.05	2.0	23.0
		1	0	22.52	22.35	21.99	2.0	23.0
		1	25	22.02	22.60	22.46	2.0	23.0
		1	49	21.88	22.07	21.99	2.0	23.0
		25	0	20.98	21.04	21.10	3.0	22.0
	256QAM	25	12	21.03	21.14	21.10	3.0	22.0
		25	25	21.04	21.15	21.00	3.0	22.0
		50	0	20.96	21.05	21.12	3.0	22.0
		1	0	19.00	18.79	18.81	4.0	21.0
		1	25	18.63	18.88	19.27	4.0	21.0
		1	49	18.77	19.48	18.52	4.0	21.0
5 MHz	QPSK	25	0	18.77	18.81	18.82	5.0	20.0
		25	12	18.76	18.90	18.91	5.0	20.0
		25	25	18.72	18.81	18.94	5.0	20.0
		50	0	18.79	18.87	18.88	5.0	20.0
	16QAM	1	0	23.91	23.98	23.92	0.0	25.0
		1	12	24.10	24.00	24.22	0.0	25.0
		1	24	23.89	23.81	23.90	0.0	25.0
		12	0	22.95	23.00	23.08	1.0	24.0
		12	7	22.89	23.10	23.10	1.0	24.0
		12	13	22.84	23.06	23.06	1.0	24.0
	64QAM	25	0	22.93	23.03	23.02	1.0	24.0
		1	0	23.31	23.42	23.46	1.0	24.0
		1	12	23.08	23.42	23.68	1.0	24.0
		1	24	23.14	23.46	23.44	1.0	24.0
		12	0	22.05	21.79	22.08	2.0	23.0
		12	7	22.05	21.99	22.06	2.0	23.0
	256QAM	12	13	21.94	22.00	22.01	2.0	23.0
		25	0	21.86	22.05	22.05	2.0	23.0
		1	0	22.19	22.46	22.40	2.0	23.0
		1	12	22.20	22.49	22.32	2.0	23.0
		1	24	22.42	21.95	22.21	2.0	23.0
		12	0	20.93	20.94	21.10	3.0	22.0
		12	7	20.97	21.18	21.11	3.0	22.0
		12	13	20.89	20.99	20.99	3.0	22.0
		25	0	20.92	21.06	21.07	3.0	22.0
		1	0	18.84	18.74	19.28	4.0	21.0
		1	12	19.02	18.81	19.18	4.0	21.0
		1	24	18.68	19.18	18.52	4.0	21.0
		12	0	18.70	18.80	18.82	5.0	20.0
		12	7	18.64	18.95	18.88	5.0	20.0
		12	13	18.63	18.73	18.93	5.0	20.0
		25	0	18.67	18.81	18.72	5.0	20.0

LTE Band 71 (ANT E)

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)				
				Measured Pwr (dBm)			MPR	Tune-up Limit
				133222	133297	133372		
				673.00 MHz	680.50 MHz	688.00 MHz		
20 MHz	QPSK	1	0	23.69	23.83	23.65	0.0	25.0
		1	49	23.67	23.90	23.94	0.0	25.0
		1	99	23.57	23.64	23.75	0.0	25.0
		50	0	22.61	22.67	22.71	1.0	24.0
		50	24	22.78	22.71	22.72	1.0	24.0
		50	50	22.69	22.72	22.76	1.0	24.0
	16QAM	100	0	22.67	22.72	22.74	1.0	24.0
		1	0	23.36	22.99	22.76	1.0	24.0
		1	49	22.91	22.98	22.81	1.0	24.0
		1	99	22.71	22.89	23.05	1.0	24.0
		50	0	21.75	21.66	21.74	2.0	23.0
		50	24	21.66	21.85	21.81	2.0	23.0
	64QAM	50	50	21.69	21.75	21.75	2.0	23.0
		100	0	21.73	21.71	21.73	2.0	23.0
		1	0	21.74	21.76	21.73	2.0	23.0
		1	49	22.01	21.86	21.78	2.0	23.0
		1	99	21.73	21.37	21.99	2.0	23.0
		50	0	20.63	20.71	20.75	3.0	22.0
	256QAM	50	24	20.68	20.77	20.69	3.0	22.0
		50	50	20.69	20.72	20.74	3.0	22.0
		100	0	20.64	20.77	20.67	3.0	22.0
		1	0	18.68	18.50	18.80	4.0	21.0
		1	49	18.72	18.88	18.98	4.0	21.0
		1	99	18.99	19.06	19.17	4.0	21.0
15 MHz	QPSK	50	0	19.69	18.74	18.58	5.0	20.0
		50	24	18.56	18.65	18.71	5.0	20.0
		50	50	18.64	18.70	18.79	5.0	20.0
		100	0	18.62	18.66	18.63	5.0	20.0
	16QAM	1	0	23.72	23.66	23.87	0.0	25.0
		1	37	23.65	23.82	23.82	0.0	25.0
		1	74	23.40	23.77	23.56	0.0	25.0
		36	0	22.56	22.72	22.74	1.0	24.0
		36	20	22.66	22.74	22.78	1.0	24.0
		36	39	22.59	22.68	22.75	1.0	24.0
	64QAM	75	0	22.64	22.69	22.75	1.0	24.0
		1	0	22.38	23.09	22.82	1.0	24.0
		1	37	22.61	22.74	22.58	1.0	24.0
		1	74	22.87	22.54	22.75	1.0	24.0
		36	0	21.67	21.70	21.86	2.0	23.0
		36	20	21.68	21.76	21.88	2.0	23.0
	256QAM	36	39	21.66	21.81	21.83	2.0	23.0
		75	0	21.67	21.77	21.75	2.0	23.0
		1	0	22.10	21.74	22.09	2.0	23.0
		1	37	22.01	21.68	22.02	2.0	23.0
		1	74	21.89	21.39	21.89	2.0	23.0
		36	0	20.66	20.72	20.79	3.0	22.0
		36	20	20.64	20.78	20.95	3.0	22.0
		36	39	20.61	20.80	20.82	3.0	22.0
		75	0	20.72	20.67	20.67	3.0	22.0
		1	0	18.92	18.74	18.61	4.0	21.0
		1	37	18.82	18.88	18.89	4.0	21.0
		1	74	18.89	18.33	18.70	4.0	21.0
		36	0	18.54	18.66	18.67	5.0	20.0
		36	20	18.71	18.75	18.84	5.0	20.0
		36	39	18.55	18.67	18.76	5.0	20.0
		75	0	18.66	18.65	18.75	5.0	20.0

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
				133172	133297	133422		
				668.00 MHz	680.50 MHz	693.00 MHz		
10 MHz	QPSK	1	0	23.57	23.72	23.94	0.0	25.0
		1	25	23.52	23.83	23.82	0.0	25.0
		1	49	23.68	23.71	23.79	0.0	25.0
		25	0	22.64	22.76	22.81	1.0	24.0
		25	12	22.69	22.83	22.87	1.0	24.0
		25	25	22.65	22.84	22.86	1.0	24.0
	16QAM	50	0	22.72	22.82	22.83	1.0	24.0
		1	0	22.40	22.95	22.74	1.0	24.0
		1	25	22.82	22.69	23.23	1.0	24.0
		1	49	22.67	22.99	22.64	1.0	24.0
		25	0	21.61	21.84	21.83	2.0	23.0
		25	12	21.69	21.90	21.89	2.0	23.0
	64QAM	25	25	21.64	21.81	21.83	2.0	23.0
		50	0	21.67	21.87	21.82	2.0	23.0
		1	0	22.06	22.20	21.51	2.0	23.0
		1	25	21.92	21.92	21.81	2.0	23.0
		1	49	21.22	22.29	21.91	2.0	23.0
		25	0	20.60	20.88	20.82	3.0	22.0
	256QAM	25	12	20.74	20.81	20.79	3.0	22.0
		25	25	20.76	20.79	20.93	3.0	22.0
		50	0	20.69	20.85	20.87	3.0	22.0
		1	0	18.75	18.50	18.70	4.0	21.0
		1	25	18.97	18.94	18.82	4.0	21.0
		1	49	18.28	18.64	19.10	4.0	21.0
5 MHz	QPSK	25	0	18.60	18.55	18.71	5.0	20.0
		25	12	18.73	18.80	18.79	5.0	20.0
		25	25	18.69	18.73	18.85	5.0	20.0
		50	0	18.70	18.69	18.74	5.0	20.0
	16QAM	1	0	23.67	23.57	23.75	0.0	25.0
		1	12	23.63	23.75	23.67	0.0	25.0
		1	24	23.63	23.74	23.67	0.0	25.0
		12	0	22.65	22.67	22.79	1.0	24.0
		12	7	22.69	22.80	22.84	1.0	24.0
		12	13	22.65	22.80	22.82	1.0	24.0
	64QAM	25	0	22.63	22.68	22.77	1.0	24.0
		1	0	22.94	22.92	23.33	1.0	24.0
		1	12	22.53	22.90	23.08	1.0	24.0
		1	24	22.87	22.74	23.14	1.0	24.0
		12	0	21.75	21.77	21.83	2.0	23.0
		12	7	21.69	21.71	21.91	2.0	23.0
	256QAM	12	13	21.72	21.65	21.87	2.0	23.0
		25	0	21.69	21.77	21.72	2.0	23.0
		1	0	21.84	21.64	22.10	2.0	23.0
		1	12	21.66	21.79	22.18	2.0	23.0
		1	24	21.56	21.92	22.20	2.0	23.0
		12	0	20.74	20.69	20.85	3.0	22.0
5 MHz	QPSK	12	7	20.75	20.70	20.66	3.0	22.0
		12	13	20.71	20.77	20.72	3.0	22.0
		25	0	20.60	20.77	20.74	3.0	22.0
		1	0	18.44	19.05	18.80	4.0	21.0
		1	12	18.67	18.63	19.35	4.0	21.0
		1	24	18.26	18.39	18.64	4.0	21.0
	16QAM	12	0	18.72	18.67	18.71	5.0	20.0
		12	7	18.67	18.76	18.88	5.0	20.0
		12	13	18.67	18.71	18.82	5.0	20.0
		25	0	18.61	18.68	18.77	5.0	20.0
	64QAM	1	0	21.84	21.64	22.10	2.0	23.0
		1	12	21.66	21.79	22.18	2.0	23.0
		1	24	21.56	21.92	22.20	2.0	23.0
		12	0	20.74	20.69	20.85	3.0	22.0
		12	7	20.75	20.70	20.66	3.0	22.0
		12	13	20.71	20.77	20.72	3.0	22.0
	256QAM	25	0	20.60	20.77	20.74	3.0	22.0
		1	0	18.44	19.05	18.80	4.0	21.0
		1	12	18.67	18.63	19.35	4.0	21.0
		1	24	18.26	18.39	18.64	4.0	21.0
		12	0	18.72	18.67	18.71	5.0	20.0
		12	7	18.67	18.76	18.88	5.0	20.0

NR Band n7 (ANT B)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)				
					Measured Pwr (dBm)			MPR	Tune-up Limit
					505000 2525.00 MHz	507000 2535.00 MHz	509000 2545.00 MHz		
50 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.93	22.95	22.98	0.5	24.0
			1	1	24.08	24.09	24.14	0.0	24.5
			1	135	23.98	24.14	23.93	0.0	24.5
			1	268	23.89	23.69	23.83	0.0	24.5
			1	269	22.79	22.81	22.78	0.5	24.0
			135	0	23.70	23.68	23.70	0.5	24.0
			135	68	24.23	24.21	24.07	0.0	24.5
			135	135	23.57	23.51	23.50	0.5	24.0
			270	0	23.69	23.66	23.51	0.5	24.0
		QPSK	1	0	22.45	22.60	22.49	1.0	23.5
			1	1	24.22	23.97	24.05	0.0	24.5
			1	135	24.04	24.03	23.83	0.0	24.5
			1	268	23.77	23.79	23.64	0.0	24.5
			1	269	22.56	22.37	22.43	1.0	23.5
			135	0	23.21	23.15	23.19	1.0	23.5
			135	68	24.14	24.16	24.04	0.0	24.5
			135	135	23.12	23.01	22.96	1.0	23.5
			270	0	23.18	23.13	23.07	1.0	23.5
		16QAM	1	0	21.60	21.54	21.60	2.0	22.5
			1	1	23.22	23.24	23.30	1.0	23.5
			1	135	23.21	23.08	23.21	1.0	23.5
			1	268	23.17	23.27	23.03	1.0	23.5
			1	269	21.56	21.26	21.18	2.0	22.5
			135	0	21.54	21.55	21.58	2.0	22.5
			135	68	22.52	22.57	22.43	1.0	23.5
			135	135	21.39	21.46	21.46	2.0	22.5
			270	0	21.52	21.54	21.49	2.0	22.5
		64QAM	1	1	21.33	21.37	21.19	2.5	22.0
		256QAM	1	1	19.16	19.06	19.05	4.5	20.0
	CP-OFDM	QPSK	1	0	20.56	20.45	20.65	3.0	21.5
			1	1	22.80	22.86	22.94	1.5	23.0
			1	135	22.29	22.04	21.95	1.5	23.0
			1	268	22.04	22.42	22.06	1.5	23.0
			1	269	20.61	20.41	20.95	3.0	21.5
			135	0	20.54	20.53	20.59	3.0	21.5
			135	68	22.17	22.07	22.00	1.5	23.0
			135	135	20.52	20.43	20.46	3.0	21.5
			270	0	20.55	20.46	20.50	3.0	21.5
		16QAM	1	0	20.63	20.58	20.52	3.0	21.5
			1	1	22.32	21.81	21.73	2.0	22.5
			1	135	21.85	21.69	21.31	2.0	22.5
			1	268	21.66	21.96	21.27	2.0	22.5
			1	269	20.80	20.45	20.81	3.0	21.5
			135	0	20.60	20.63	20.55	3.0	21.5
			135	68	21.67	21.66	21.55	2.0	22.5
			135	135	20.77	20.48	20.51	3.0	21.5
			270	0	20.78	20.50	20.50	3.0	21.5
		64QAM	1	1	20.65	20.00	20.35	3.5	21.0
		256QAM	1	1	17.04	17.09	17.05	6.5	18.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					503500	507000	510500		
					2517.50 MHz	2535.00 MHz	2552.50 MHz		
40 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.84	22.85	22.86	0.5	24.0
			1	1	24.08	23.86	23.94	0.0	24.5
			1	107	23.89	23.86	23.77	0.0	24.5
			1	214	23.79	23.66	23.70	0.0	24.5
			1	215	22.80	22.73	22.72	0.5	24.0
			108	0	23.59	23.54	23.55	0.5	24.0
			108	54	24.20	24.11	24.01	0.0	24.5
			108	108	23.59	23.46	23.47	0.5	24.0
			216	0	23.53	23.49	23.37	0.5	24.0
		QPSK	1	0	22.33	22.39	22.34	1.0	23.5
			1	1	24.05	23.84	23.87	0.0	24.5
			1	107	23.88	23.81	23.61	0.0	24.5
			1	214	23.87	23.61	23.66	0.0	24.5
			1	215	22.22	22.24	22.22	1.0	23.5
			108	0	23.12	23.08	23.08	1.0	23.5
			108	54	24.12	24.05	23.91	0.0	24.5
			108	108	23.14	22.92	22.97	1.0	23.5
			216	0	23.10	23.01	22.95	1.0	23.5
		16QAM	1	1	23.02	23.29	23.11	1.0	23.5
			1	107	23.02	23.13	23.08	1.0	23.5
			1	214	23.13	23.09	22.99	1.0	23.5
			1	1	21.17	20.94	21.31	2.5	22.0
		64QAM	1	1	18.99	18.93	18.92	4.5	20.0
		256QAM	1	1	22.51	22.61	22.55	1.5	23.0
	CP-OFDM	QPSK	1	1	22.51	22.61	22.55	1.5	23.0
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					503500	507000	510500		
					2517.50 MHz	2535.00 MHz	2552.50 MHz		
35 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.86	22.84	22.84	0.5	24.0
			1	1	23.94	23.87	23.92	0.0	24.5
			1	93	23.92	23.93	23.90	0.0	24.5
			1	186	23.84	23.72	23.70	0.0	24.5
			1	187	22.77	22.74	22.70	0.5	24.0
			90	0	23.62	23.60	23.50	0.5	24.0
			90	49	24.17	24.17	24.05	0.0	24.5
			90	98	23.53	23.42	23.46	0.5	24.0
			180	0	23.57	23.58	23.42	0.5	24.0
		QPSK	1	0	22.36	22.29	22.30	1.0	23.5
			1	1	23.99	23.79	23.85	0.0	24.5
			1	93	23.86	23.86	23.78	0.0	24.5
			1	186	23.75	23.60	23.66	0.0	24.5
			1	187	22.19	22.14	22.11	1.0	23.5
			90	0	23.08	23.06	22.91	1.0	23.5
			90	49	24.11	24.09	23.96	0.0	24.5
			90	98	23.09	23.18	22.97	1.0	23.5
			180	0	23.03	23.00	22.98	1.0	23.5
		16QAM	1	1	23.08	23.23	23.10	1.0	23.5
			1	93	23.09	23.10	23.08	1.0	23.5
		64QAM	1	186	22.97	23.10	22.98	1.0	23.5
			1	1	21.12	20.99	21.04	2.5	22.0
		256QAM	1	1	18.94	18.90	18.95	4.5	20.0
	CP-OFDM	QPSK	1	1	22.58	22.54	22.55	1.5	23.0
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					503000	507000	511000		
					2515.00 MHz	2535.00 MHz	2555.00 MHz		
30 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.86	22.83	22.84	0.5	24.0
			1	1	24.07	23.89	23.79	0.0	24.5
			1	79	23.89	23.82	23.66	0.0	24.5
			1	158	23.97	23.71	23.66	0.0	24.5
			1	159	22.75	22.82	22.82	0.5	24.0
			80	0	23.64	23.61	23.51	0.5	24.0
			80	40	24.12	24.14	23.95	0.0	24.5
			80	80	23.57	23.58	23.42	0.5	24.0
			160	0	23.55	23.56	23.38	0.5	24.0
		QPSK	1	0	22.33	22.39	22.45	1.0	23.5
			1	1	24.00	23.88	23.85	0.0	24.5
			1	79	23.72	23.71	23.67	0.0	24.5
			1	158	23.88	23.76	23.56	0.0	24.5
			1	159	22.23	22.27	22.26	1.0	23.5
			80	0	23.09	23.11	22.93	1.0	23.5
			80	40	24.00	24.03	23.87	0.0	24.5
			80	80	23.02	23.01	22.86	1.0	23.5
			160	0	23.06	23.02	22.90	1.0	23.5
		16QAM	1	1	23.09	23.15	23.27	1.0	23.5
			1	79	23.04	23.06	23.13	1.0	23.5
		64QAM	1	158	22.98	23.18	23.11	1.0	23.5
			1	1	21.24	21.07	20.95	2.5	22.0
		256QAM	1	1	18.98	18.91	18.91	4.5	20.0
	CP-OFDM	QPSK	1	1	22.59	22.68	22.57	1.5	23.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					502500	507000	511500		
					2512.50 MHz	2535.00 MHz	2557.50 MHz		
25 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.88	22.88	22.89	0.5	24.0
			1	1	24.05	23.94	23.81	0.0	24.5
			1	66	23.97	23.95	23.81	0.0	24.5
			1	131	23.96	23.81	23.73	0.0	24.5
			1	132	22.94	22.96	22.81	0.5	24.0
			64	0	23.64	23.59	23.40	0.5	24.0
			64	34	24.15	24.17	23.93	0.0	24.5
			64	69	23.56	23.56	23.40	0.5	24.0
		128	0	23.60	23.48	23.41	0.5	24.0	
		QPSK	1	0	22.41	22.46	22.38	1.0	23.5
			1	1	24.03	23.89	23.69	0.0	24.5
			1	66	23.88	23.88	23.72	0.0	24.5
			1	131	23.96	23.65	23.65	0.0	24.5
			1	132	22.36	22.28	22.32	1.0	23.5
			64	0	23.15	23.07	22.93	1.0	23.5
			64	34	24.03	24.01	23.83	0.0	24.5
			64	69	23.10	23.04	22.90	1.0	23.5
		128	0	23.09	23.09	22.93	1.0	23.5	
		16QAM	1	1	23.16	23.21	23.20	1.0	23.5
			1	66	23.27	23.17	23.08	1.0	23.5
			1	131	23.37	23.19	23.06	1.0	23.5
			64QAM	1	1	21.39	21.01	20.96	2.5
		256QAM	1	1	19.00	18.90	18.90	4.5	20.0
		CP-OFDM	QPSK	1	1	22.61	22.72	22.59	1.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					502000	507000	512000		
					2510.00 MHz	2535.00 MHz	2560.00 MHz		
20 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.75	22.73	22.80	0.5	24.0
			1	1	24.14	23.74	23.68	0.0	24.5
			1	52	23.81	23.80	23.61	0.0	24.5
			1	104	23.79	23.66	23.72	0.0	24.5
			1	105	22.58	22.72	22.56	0.5	24.0
			50	0	23.46	23.47	23.29	0.5	24.0
			50	28	24.07	24.02	23.88	0.0	24.5
			50	56	23.50	23.47	23.32	0.5	24.0
		100	0	23.56	23.49	23.34	0.5	24.0	
		QPSK	1	0	22.20	22.27	22.22	1.0	23.5
			1	1	24.06	23.70	23.58	0.0	24.5
			1	52	23.72	23.70	23.55	0.0	24.5
			1	104	23.74	23.59	23.77	0.0	24.5
			1	105	21.99	21.99	21.99	1.0	23.5
			50	0	23.03	23.00	22.78	1.0	23.5
			50	28	24.00	23.97	23.85	0.0	24.5
			50	56	22.94	22.94	22.80	1.0	23.5
		100	0	22.98	22.88	22.84	1.0	23.5	
		16QAM	1	1	22.75	23.21	23.16	1.0	23.5
			1	52	23.07	22.98	22.91	1.0	23.5
			1	104	23.27	23.14	22.84	1.0	23.5
			64QAM	1	1	21.01	20.90	20.81	2.5
		256QAM	1	1	18.88	18.83	18.73	4.5	20.0
		CP-OFDM	QPSK	1	1	22.54	22.58	22.54	1.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					501500	507000	512500		
					2507.50 MHz	2535.00 MHz	2562.50 MHz		
15 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.79	22.82	22.71	0.5	24.0
			1	1	24.12	23.83	23.67	0.0	24.5
			1	39	23.89	23.75	23.68	0.0	24.5
			1	77	23.78	23.72	23.82	0.0	24.5
			1	78	22.59	22.65	22.71	0.5	24.0
			36	0	23.44	23.48	23.42	0.5	24.0
			36	21	24.04	24.06	23.97	0.0	24.5
			36	43	23.44	23.41	23.41	0.5	24.0
		75	0	23.46	23.47	23.36	0.5	24.0	
		QPSK	1	0	22.22	22.32	22.17	1.0	23.5
			1	1	24.12	23.73	23.65	0.0	24.5
			1	39	23.83	23.68	23.61	0.0	24.5
			1	77	23.74	23.61	23.75	0.0	24.5
			1	78	22.21	22.16	22.02	1.0	23.5
			36	0	23.02	22.98	22.84	1.0	23.5
			36	21	24.00	23.94	23.89	0.0	24.5
			36	43	22.94	22.99	22.84	1.0	23.5
		75	0	23.01	23.00	22.85	1.0	23.5	
		16QAM	1	1	22.74	23.17	23.04	1.0	23.5
			1	39	23.00	23.02	22.85	1.0	23.5
			1	77	23.08	23.18	22.86	1.0	23.5
			64QAM	1	1	21.05	20.97	20.82	2.5
		256QAM	1	1	19.01	18.94	18.78	4.5	20.0
		CP-OFDM	QPSK	1	1	22.58	22.57	22.54	1.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					501000	507000	513000		
					2505.00 MHz	2535.00 MHz	2565.00 MHz		
10 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.89	22.75	22.74	0.5	24.0
			1	1	24.14	23.88	23.63	0.0	24.5
			1	25	23.96	23.88	23.62	0.0	24.5
			1	50	23.85	23.76	23.61	0.0	24.5
			1	51	22.73	22.70	22.72	0.5	24.0
			25	0	23.49	23.48	23.35	0.5	24.0
			25	13	24.03	23.93	23.87	0.0	24.5
			25	27	23.44	23.43	23.35	0.5	24.0
			50	0	23.53	23.48	23.33	0.5	24.0
		QPSK	1	0	22.30	22.26	22.57	1.0	23.5
			1	1	24.11	23.71	23.64	0.0	24.5
			1	25	23.96	23.70	23.54	0.0	24.5
			1	50	23.79	23.67	23.52	0.0	24.5
			1	51	22.07	22.08	22.77	1.0	23.5
			25	0	23.13	22.96	22.87	1.0	23.5
			25	13	23.95	23.88	23.74	0.0	24.5
			25	27	22.99	22.93	22.82	1.0	23.5
			50	0	22.85	22.96	22.82	1.0	23.5
		16QAM	1	1	22.96	23.16	22.77	1.0	23.5
			1	25	22.77	23.00	22.95	1.0	23.5
			1	50	23.30	23.14	23.03	1.0	23.5
		64QAM	1	1	21.24	20.99	20.84	2.5	22.0
		256QAM	1	1	18.93	18.89	18.69	4.5	20.0
	CP-OFDM	QPSK	1	1	22.65	22.58	22.43	1.5	23.0
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					500500	507000	513500		
					2502.50 MHz	2535.00 MHz	2567.50 MHz		
5 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.89	22.89	22.62	0.5	24.0
			1	1	24.26	23.85	23.79	0.0	24.5
			1	12	24.22	23.89	23.79	0.0	24.5
			1	23	24.14	23.85	23.80	0.0	24.5
			1	24	22.88	22.92	22.81	0.5	24.0
			12	0	23.50	23.40	23.21	0.5	24.0
			12	6	24.25	24.02	23.83	0.0	24.5
			12	13	23.57	23.45	23.28	0.5	24.0
			25	0	23.66	23.52	23.35	0.5	24.0
		QPSK	1	0	22.36	22.30	22.51	1.0	23.5
			1	1	24.26	23.83	23.72	0.0	24.5
			1	12	24.16	23.74	23.72	0.0	24.5
			1	23	24.09	23.76	23.83	0.0	24.5
			1	24	22.09	22.15	22.72	1.0	23.5
			12	0	23.06	22.91	22.75	1.0	23.5
			12	6	24.03	23.76	23.83	0.0	24.5
			12	13	23.14	22.94	22.79	1.0	23.5
			25	0	23.08	22.97	22.83	1.0	23.5
		16QAM	1	1	22.96	23.07	22.71	1.0	23.5
			1	12	23.26	23.17	22.81	1.0	23.5
			1	23	23.11	23.13	22.89	1.0	23.5
		64QAM	1	1	21.36	21.00	20.95	2.5	22.0
		256QAM	1	1	19.01	18.88	18.61	4.5	20.0
	CP-OFDM	QPSK	1	1	22.72	22.57	22.36	1.5	23.0

NR Band n7 (ANT F)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)				
					Measured Pwr (dBm)			MPR	Tune-up Limit
					505000 2525.00 MHz	507000 2535.00 MHz	509000 2545.00 MHz		
50 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.78	22.78	22.70	0.5	23.5
			1	1	23.37	23.42	23.41	0.0	24.0
			1	135	23.14	23.15	23.18	0.0	24.0
			1	268	23.18	23.20	23.17	0.0	24.0
			1	269	22.79	22.88	22.88	0.5	23.5
			135	0	22.73	22.80	22.87	0.5	23.5
			135	68	23.30	23.32	23.34	0.0	24.0
			135	135	22.71	22.65	22.63	0.5	23.5
			270	0	22.72	22.66	22.67	0.5	23.5
		QPSK	1	0	22.42	22.35	22.23	1.0	23.0
			1	1	23.42	23.32	23.34	0.0	24.0
			1	135	23.18	23.09	23.12	0.0	24.0
			1	268	23.18	23.17	23.10	0.0	24.0
			1	269	22.35	22.43	22.48	1.0	23.0
			135	0	22.30	22.32	22.30	1.0	23.0
			135	68	23.31	23.35	23.27	0.0	24.0
			135	135	22.18	22.26	22.16	1.0	23.0
			270	0	22.22	22.28	22.28	1.0	23.0
		16QAM	1	0	21.27	21.05	21.23	2.0	22.0
			1	1	22.56	22.50	22.20	1.0	23.0
			1	135	22.37	22.27	22.51	1.0	23.0
			1	268	22.32	22.33	22.23	1.0	23.0
			1	269	21.16	21.57	21.62	2.0	22.0
			135	0	21.38	21.29	21.32	2.0	22.0
			135	68	22.26	22.32	22.31	1.0	23.0
			135	135	21.24	21.26	21.47	2.0	22.0
			270	0	21.17	21.27	21.37	2.0	22.0
		64QAM	1	1	20.50	20.61	20.39	2.5	21.5
		256QAM	1	1	18.41	18.28	18.31	4.5	19.5
	CP-OFDM	QPSK	1	0	20.31	20.36	20.26	3.0	21.0
			1	1	22.27	22.09	22.05	1.5	22.5
			1	135	21.91	21.73	21.91	1.5	22.5
			1	268	21.90	21.96	22.28	1.5	22.5
			1	269	20.17	20.38	20.44	3.0	21.0
			135	0	20.22	20.24	20.30	3.0	21.0
			135	68	21.82	21.92	21.94	1.5	22.5
			135	135	20.16	20.24	20.40	3.0	21.0
			270	0	20.19	20.27	20.41	3.0	21.0
		16QAM	1	0	20.66	20.04	20.16	3.0	21.0
			1	1	21.54	21.55	21.32	2.0	22.0
			1	135	21.56	21.71	21.09	2.0	22.0
			1	268	21.44	21.35	21.28	2.0	22.0
			1	269	20.57	20.30	20.27	3.0	21.0
			135	0	20.31	20.34	20.34	3.0	21.0
			135	68	21.33	21.48	21.36	2.0	22.0
			135	135	20.24	20.23	20.39	3.0	21.0
			270	0	20.25	20.26	20.38	3.0	21.0
		64QAM	1	1	20.08	19.86	19.69	3.5	20.5
		256QAM	1	1	16.91	17.16	16.85	6.5	17.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					503500	507000	510500		
					2517.50 MHz	2535.00 MHz	2552.50 MHz		
40 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.34	22.36	22.34	0.5	23.5
			1	1	23.09	23.17	23.14	0.0	24.0
			1	107	23.05	22.91	23.03	0.0	24.0
			1	214	23.11	23.00	23.00	0.0	24.0
			1	215	22.18	22.22	22.20	0.5	23.5
			108	0	22.64	22.62	22.64	0.5	23.5
			108	54	23.17	23.19	23.26	0.0	24.0
			108	108	22.68	22.60	22.55	0.5	23.5
			216	0	22.76	22.71	22.70	0.5	23.5
		QPSK	1	0	21.72	21.83	21.78	1.0	23.0
			1	1	23.18	23.09	23.13	0.0	24.0
			1	107	22.98	22.93	22.95	0.0	24.0
			1	214	23.05	22.99	22.97	0.0	24.0
			1	215	21.57	21.72	21.69	1.0	23.0
			108	0	22.16	22.13	22.13	1.0	23.0
			108	54	23.19	23.29	23.24	0.0	24.0
			108	108	22.11	22.15	22.07	1.0	23.0
			216	0	22.25	22.23	22.15	1.0	23.0
		16QAM	1	1	22.25	22.22	22.31	1.0	23.0
			1	107	22.20	22.12	22.10	1.0	23.0
			1	214	22.29	22.13	22.16	1.0	23.0
		64QAM	1	1	20.30	20.48	20.31	2.5	21.5
		256QAM	1	1	18.30	18.19	18.12	4.5	19.5
	CP-OFDM	QPSK	1	1	22.01	21.76	21.86	1.5	22.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					503500	507000	510500		
					2517.50 MHz	2535.00 MHz	2552.50 MHz		
35 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.37	22.34	22.35	0.5	23.5
			1	1	23.07	23.07	22.97	0.0	24.0
			1	93	23.03	23.08	23.15	0.0	24.0
			1	186	22.98	23.00	22.86	0.0	24.0
			1	187	22.07	22.15	22.23	0.5	23.5
			90	0	22.60	22.65	22.66	0.5	23.5
			90	49	23.11	23.22	23.19	0.0	24.0
			90	98	22.59	22.64	22.60	0.5	23.5
			180	0	22.68	22.66	22.66	0.5	23.5
		QPSK	1	0	21.86	21.82	21.80	1.0	23.0
			1	1	23.08	23.06	23.00	0.0	24.0
			1	93	22.98	23.03	23.08	0.0	24.0
			1	186	22.98	22.96	22.93	0.0	24.0
			1	187	21.59	21.69	21.70	1.0	23.0
			90	0	22.19	22.22	22.16	1.0	23.0
			90	49	23.13	23.25	23.25	0.0	24.0
			90	98	22.06	22.13	22.14	1.0	23.0
			180	0	22.11	22.09	22.11	1.0	23.0
		16QAM	1	1	22.27	22.26	22.30	1.0	23.0
			1	93	22.16	22.19	22.23	1.0	23.0
		64QAM	1	186	22.24	22.21	22.21	1.0	23.0
			1	1	20.31	20.29	20.29	2.5	21.5
		256QAM	1	1	18.23	18.13	18.09	4.5	19.5
	CP-OFDM	QPSK	1	1	21.94	21.86	22.03	1.5	22.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					503000	507000	511000		
					2515.00 MHz	2535.00 MHz	2555.00 MHz		
30 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.38	22.38	22.35	0.5	23.5
			1	1	23.13	23.24	23.03	0.0	24.0
			1	79	23.17	23.06	23.05	0.0	24.0
			1	158	23.15	23.11	22.91	0.0	24.0
			1	159	22.26	22.27	22.28	0.5	23.5
			80	0	22.59	22.66	22.62	0.5	23.5
			80	40	23.19	23.23	23.18	0.0	24.0
			80	80	22.60	22.63	22.47	0.5	23.5
			160	0	22.59	22.69	22.56	0.5	23.5
		QPSK	1	0	21.86	21.85	21.86	1.0	23.0
			1	1	23.26	23.19	23.09	0.0	24.0
			1	79	23.04	23.01	23.01	0.0	24.0
			1	158	22.97	23.04	22.94	0.0	24.0
			1	159	21.70	21.72	21.72	1.0	23.0
			80	0	22.17	22.15	22.10	1.0	23.0
			80	40	23.29	23.26	23.10	0.0	24.0
			80	80	22.17	22.10	22.03	1.0	23.0
			160	0	22.18	22.12	22.09	1.0	23.0
		16QAM	1	1	22.19	22.31	22.29	1.0	23.0
			1	79	22.15	22.20	22.12	1.0	23.0
		64QAM	1	158	22.12	22.21	22.07	1.0	23.0
			1	1	20.32	20.69	20.30	2.5	21.5
		256QAM	1	1	18.29	18.21	18.09	4.5	19.5
	CP-OFDM	QPSK	1	1	21.88	22.11	21.92	1.5	22.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	
					502500	507000	511500			
					2512.50 MHz	2535.00 MHz	2557.50 MHz			
25 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.37	22.41	22.36	0.5	23.5	
			1	1	23.31	23.18	23.09	0.0	24.0	
			1	66	23.20	23.05	23.06	0.0	24.0	
			1	131	23.19	23.09	23.00	0.0	24.0	
			1	132	22.23	22.28	22.30	0.5	23.5	
			64	0	22.80	22.67	22.55	0.5	23.5	
			64	34	23.29	23.20	23.15	0.0	24.0	
			64	69	22.70	22.62	22.53	0.5	23.5	
		128	0	22.71	22.56	22.54	0.5	23.5		
		QPSK	1	0	21.82	21.87	21.90	1.0	23.0	
			1	1	23.19	23.15	23.06	0.0	24.0	
			1	66	23.09	23.02	23.02	0.0	24.0	
			1	131	23.18	23.10	22.94	0.0	24.0	
			1	132	21.75	21.79	21.80	1.0	23.0	
			64	0	22.37	22.18	22.14	1.0	23.0	
			64	34	23.25	23.25	23.12	0.0	24.0	
			64	69	22.23	22.12	21.98	1.0	23.0	
		128	0	22.15	22.12	22.11	1.0	23.0		
		16QAM	1	1	22.41	22.26	22.28	1.0	23.0	
			1	66	22.26	22.31	22.17	1.0	23.0	
			1	131	22.26	22.24	22.15	1.0	23.0	
			64QAM	1	1	20.41	20.30	20.25	2.5	21.5
		256QAM	1	1	18.40	18.21	18.16	4.5	19.5	
		CP-OFDM	QPSK	1	1	22.08	21.84	21.97	1.5	22.5
BW (MHz)		Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
						502000	507000	512000		
						2510.00 MHz	2535.00 MHz	2560.00 MHz		
20 MHz		DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.34	22.29	22.29	0.5	23.5
	1			1	23.14	23.03	22.98	0.0	24.0	
	1			52	23.12	22.97	23.10	0.0	24.0	
	1			104	23.16	22.89	22.98	0.0	24.0	
	1			105	22.21	22.21	22.26	0.5	23.5	
	50			0	22.67	22.54	22.54	0.5	23.5	
	50			28	23.30	23.17	23.08	0.0	24.0	
	50			56	22.65	22.50	22.46	0.5	23.5	
	100		0	22.81	22.66	22.63	0.5	23.5		
	QPSK		1	0	21.78	21.67	21.77	1.0	23.0	
			1	1	23.17	23.00	22.98	0.0	24.0	
			1	52	23.20	22.93	22.98	0.0	24.0	
			1	104	23.09	22.95	22.92	0.0	24.0	
			1	105	21.73	21.75	21.71	1.0	23.0	
			50	0	22.24	22.04	22.00	1.0	23.0	
			50	28	23.25	23.12	23.08	0.0	24.0	
			50	56	22.14	22.08	22.04	1.0	23.0	
	100		0	22.30	22.17	22.12	1.0	23.0		
	16QAM		1	1	22.32	22.09	22.13	1.0	23.0	
			1	52	22.27	22.27	21.98	1.0	23.0	
			1	104	22.24	22.00	22.05	1.0	23.0	
			64QAM	1	1	20.34	20.12	20.17	2.5	21.5
	256QAM		1	1	18.19	17.98	18.05	4.5	19.5	
	CP-OFDM		QPSK	1	1	21.82	21.73	21.80	1.5	22.5
BW (MHz)	Modulation		Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
						501500	507000	512500		
						2507.50 MHz	2535.00 MHz	2562.50 MHz		
15 MHz	DFT-s-OFDM		$\pi/2$ BPSK	1	0	22.30	22.39	22.39	0.5	23.5
		1		1	23.18	23.06	23.10	0.0	24.0	
		1		39	23.14	23.00	23.01	0.0	24.0	
		1		77	23.11	23.03	22.99	0.0	24.0	
		1		78	22.24	22.29	22.36	0.5	23.5	
		36		0	22.61	22.51	22.48	0.5	23.5	
		36		21	23.32	23.18	23.04	0.0	24.0	
		36		43	22.58	22.50	22.47	0.5	23.5	
		75	0	22.61	22.54	22.54	0.5	23.5		
		QPSK	1	0	21.80	21.89	21.79	1.0	23.0	
			1	1	23.26	23.11	23.05	0.0	24.0	
			1	39	23.14	22.97	22.96	0.0	24.0	
			1	77	23.13	23.04	22.95	0.0	24.0	
			1	78	21.80	21.77	21.78	1.0	23.0	
			36	0	22.17	22.03	22.06	1.0	23.0	
			36	21	23.33	23.21	23.14	0.0	24.0	
			36	43	22.09	21.98	22.04	1.0	23.0	
		75	0	22.21	22.15	22.02	1.0	23.0		
		16QAM	1	1	22.33	22.18	22.12	1.0	23.0	
			1	39	22.28	22.19	22.08	1.0	23.0	
			1	77	22.22	22.28	22.08	1.0	23.0	
			64QAM	1	1	20.36	20.20	20.18	2.5	21.5
		256QAM	1	1	18.32	18.12	18.05	4.5	19.5	
		CP-OFDM	QPSK	1	1	21.82	21.83	21.73	1.5	22.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					501000	507000	513000		
					2505.00 MHz	2535.00 MHz	2565.00 MHz		
10 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.31	22.38	22.36	0.5	23.5
			1	1	23.24	23.16	22.97	0.0	24.0
			1	25	23.19	23.07	22.96	0.0	24.0
			1	50	23.18	23.02	22.88	0.0	24.0
			1	51	22.38	22.34	22.35	0.5	23.5
			25	0	22.70	22.57	22.51	0.5	23.5
			25	13	23.24	23.14	23.01	0.0	24.0
			25	27	22.63	22.54	22.43	0.5	23.5
			50	0	22.62	22.55	22.43	0.5	23.5
		QPSK	1	0	21.84	21.91	21.95	1.0	23.0
			1	1	23.19	23.09	23.03	0.0	24.0
			1	25	23.18	23.05	22.99	0.0	24.0
			1	50	23.18	23.02	22.96	0.0	24.0
			1	51	21.83	21.75	21.88	1.0	23.0
			25	0	22.17	22.08	21.96	1.0	23.0
			25	13	23.26	23.11	23.11	0.0	24.0
			25	27	22.23	22.04	21.99	1.0	23.0
			50	0	22.20	22.07	22.00	1.0	23.0
		16QAM	1	1	22.34	22.20	22.01	1.0	23.0
			1	25	22.37	22.20	22.08	1.0	23.0
			1	50	22.28	22.20	22.07	1.0	23.0
		64QAM	1	1	20.40	20.20	20.06	2.5	21.5
		256QAM	1	1	18.18	18.04	17.96	4.5	19.5
	CP-OFDM	QPSK	1	1	21.96	21.69	21.77	1.5	22.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					500500	507000	513500		
					2502.50 MHz	2535.00 MHz	2567.50 MHz		
5 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.39	22.36	22.34	0.5	23.5
			1	1	23.28	23.01	22.90	0.0	24.0
			1	12	23.27	23.06	22.92	0.0	24.0
			1	23	23.26	22.99	22.86	0.0	24.0
			1	24	22.34	22.37	22.38	0.5	23.5
			12	0	22.75	22.56	22.43	0.5	23.5
			12	6	23.39	23.13	23.04	0.0	24.0
			12	13	22.78	22.58	22.41	0.5	23.5
			25	0	22.75	22.51	22.42	0.5	23.5
		QPSK	1	0	22.04	22.01	21.94	1.0	23.0
			1	1	23.21	23.00	22.88	0.0	24.0
			1	12	23.28	23.03	23.01	0.0	24.0
			1	23	23.17	22.94	22.97	0.0	24.0
			1	24	21.97	22.00	22.04	1.0	23.0
			12	0	22.28	22.01	21.99	1.0	23.0
			12	6	23.35	23.11	23.06	0.0	24.0
			12	13	22.26	22.11	21.98	1.0	23.0
			25	0	22.25	22.03	22.02	1.0	23.0
		16QAM	1	1	22.36	22.15	22.11	1.0	23.0
			1	12	22.36	22.28	22.17	1.0	23.0
			1	23	22.52	22.29	22.14	1.0	23.0
		64QAM	1	1	20.68	20.23	20.09	2.5	21.5
		256QAM	1	1	18.32	18.11	17.96	4.5	19.5
	CP-OFDM	QPSK	1	1	22.13	21.80	21.73	1.5	22.5

NR Band n12 (ANT A)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)				
					Measured Pwr (dBm)			MPR	Tune-up Limit
					141300	141500	141700		
					706.50 MHz	707.50 MHz	708.50 MHz		
15 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	23.18	23.14	23.07	0.5	24.5
			1	1	23.99	23.78	23.89	0.0	25.0
			1	39	23.75	23.74	23.85	0.0	25.0
			1	76	23.96	23.94	24.02	0.0	25.0
			1	78	23.30	23.23	23.22	0.5	24.5
			36	0	22.88	22.91	22.92	0.5	24.5
			36	21	23.99	24.02	24.02	0.0	25.0
			36	42	22.92	22.90	22.95	0.5	24.5
			75	0	22.84	22.92	22.95	0.5	24.5
		QPSK	1	0	22.84	22.56	22.79	1.0	24.0
			1	1	23.94	24.20	23.89	0.0	25.0
			1	39	23.84	24.07	24.18	0.0	25.0
			1	76	23.93	23.95	23.86	0.0	25.0
			1	78	23.85	22.68	22.76	1.0	24.0
			36	0	22.86	23.18	22.94	1.0	24.0
			36	21	22.91	23.03	23.06	0.0	25.0
			36	42	22.89	22.92	21.98	1.0	24.0
			75	0	22.87	22.95	22.89	1.0	24.0
		16QAM	1	0	22.11	21.84	21.96	2.0	23.0
			1	1	23.05	23.38	23.12	1.0	24.0
			1	39	23.05	23.04	23.08	1.0	24.0
			1	76	23.16	23.02	23.02	1.0	24.0
			1	78	21.96	21.91	21.86	2.0	23.0
			36	0	21.86	21.78	21.92	2.0	23.0
			36	21	22.90	22.89	22.78	1.0	24.0
			36	42	21.94	21.97	21.89	2.0	23.0
			75	0	21.93	21.88	21.90	2.0	23.0
		64QAM	1	1	21.15	21.22	21.16	2.5	22.5
		256QAM	1	1	18.80	18.81	18.84	4.5	20.5
	CP-OFDM	QPSK	1	0	20.64	20.67	20.66	3.0	22.0
			1	1	22.43	22.36	22.27	1.5	23.5
			1	39	22.29	22.26	22.15	1.5	23.5
			1	76	22.24	22.28	22.20	1.5	23.5
			1	78	20.65	20.66	20.59	3.0	22.0
			36	0	20.80	20.66	20.68	3.0	22.0
			36	21	22.37	22.34	22.40	1.5	23.5
			36	42	20.71	20.74	20.79	3.0	22.0
			75	0	20.80	20.79	20.80	3.0	22.0
		16QAM	1	0	20.83	21.11	20.85	3.0	22.0
			1	1	21.86	22.19	21.94	2.0	23.0
			1	39	21.80	22.00	21.88	2.0	23.0
			1	76	21.78	22.12	22.00	2.0	23.0
			1	78	20.79	20.97	20.83	3.0	22.0
			36	0	20.84	20.79	20.85	3.0	22.0
			36	21	21.79	21.78	21.78	2.0	23.0
			36	42	20.86	20.84	20.86	3.0	22.0
			75	0	20.78	20.79	20.81	3.0	22.0
		64QAM	1	1	20.25	20.35	20.22	3.5	21.5
		256QAM	1	1	17.26	17.47	17.20	6.5	18.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					140900	141500	142200		
					704.00 MHz	707.50 MHz	711.00 MHz		
10 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	23.19	23.20	23.21	0.5	24.5
			1	1	23.98	23.89	24.04	0.0	25.0
			1	26	23.90	23.90	23.95	0.0	25.0
			1	49	23.92	24.00	23.95	0.0	25.0
			1	50	23.12	23.14	23.12	0.5	24.5
			25	0	22.95	22.89	22.92	0.5	24.5
			25	13	24.02	23.89	24.10	0.0	25.0
			25	26	23.05	22.96	22.99	0.5	24.5
			50	0	22.92	23.00	23.03	0.5	24.5
		QPSK	1	0	22.80	22.72	22.69	1.0	24.0
			1	1	23.03	23.67	22.98	0.0	25.0
			1	26	23.87	23.68	23.84	0.0	25.0
			1	49	23.85	24.02	23.94	0.0	25.0
			1	50	22.66	22.63	22.68	1.0	24.0
			25	0	23.67	23.58	23.93	1.0	24.0
			25	13	23.05	22.92	23.06	0.0	25.0
			25	26	21.99	21.88	21.93	1.0	24.0
			50	0	21.92	21.98	22.06	1.0	24.0
		16QAM	1	1	23.05	23.42	23.27	1.0	24.0
			1	26	23.06	23.15	23.26	1.0	24.0
			1	49	23.14	23.22	23.29	1.0	24.0
		64QAM	1	1	21.69	21.68	21.04	2.5	22.5
		256QAM	1	1	18.91	18.90	18.93	4.5	20.5
	CP-OFDM	QPSK	1	1	22.04	21.77	21.93	1.5	23.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					140300	141500	142700		
					701.50 MHz	707.50 MHz	713.50 MHz		
5 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	23.20	23.19	23.19	0.5	24.5
			1	1	23.92	23.92	23.98	0.0	25.0
			1	13	24.02	23.87	23.95	0.0	25.0
			1	23	23.89	23.80	23.95	0.0	25.0
			1	24	23.15	23.10	23.13	0.5	24.5
			12	0	22.97	22.98	23.00	0.5	24.5
			12	6	24.00	23.87	24.07	0.0	25.0
			12	13	22.95	22.91	23.01	0.5	24.5
			25	0	22.98	22.95	23.00	0.5	24.5
		QPSK	1	0	22.80	22.81	22.71	1.0	24.0
			1	1	23.00	22.96	23.09	0.0	25.0
			1	13	23.07	22.88	22.96	0.0	25.0
			1	23	22.98	23.00	23.04	0.0	25.0
			1	24	22.67	22.72	22.64	1.0	24.0
			12	0	21.84	21.91	21.98	1.0	24.0
			12	6	22.91	22.94	22.94	0.0	25.0
			12	13	21.95	21.92	21.91	1.0	24.0
			25	0	22.11	21.97	22.04	1.0	24.0
		16QAM	1	1	23.21	23.36	23.37	1.0	24.0
			1	13	23.08	23.13	23.21	1.0	24.0
			1	23	23.23	23.00	23.11	1.0	24.0
		64QAM	1	1	21.02	21.01	21.06	2.5	22.5
		256QAM	1	1	19.05	19.03	19.07	4.5	20.5
	CP-OFDM	QPSK	1	1	22.09	21.91	21.93	1.5	23.5

NR Band n12 (ANT E)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)				
					Measured Pwr (dBm)			MPR	Tune-up Limit
					141300	141500	141700		
					706.50 MHz	707.50 MHz	708.50 MHz		
15 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	23.09	23.14	23.20	0.5	24.5
			1	1	23.92	23.87	23.89	0.0	25.0
			1	39	24.11	24.05	24.03	0.0	25.0
			1	76	24.11	24.11	24.16	0.0	25.0
			1	78	23.06	23.09	23.14	0.5	24.5
			36	0	23.53	23.55	23.58	0.5	24.5
			36	21	24.17	24.22	24.20	0.0	25.0
			36	42	23.63	23.59	23.60	0.5	24.5
			75	0	23.59	23.64	23.61	0.5	24.5
		QPSK	1	0	22.63	22.50	22.63	1.0	24.0
			1	1	24.09	23.96	23.93	0.0	25.0
			1	39	23.71	23.71	23.75	0.0	25.0
			1	76	23.82	23.80	23.80	0.0	25.0
			1	78	22.62	22.61	22.70	1.0	24.0
			36	0	22.81	22.76	22.78	1.0	24.0
			36	21	23.72	23.70	23.67	0.0	25.0
			36	42	22.78	22.81	22.61	1.0	24.0
			75	0	22.72	22.87	22.49	1.0	24.0
		16QAM	1	0	21.90	21.65	21.64	2.0	23.0
			1	1	23.06	23.15	22.77	1.0	24.0
			1	39	23.01	22.98	22.54	1.0	24.0
			1	76	22.94	23.01	22.47	1.0	24.0
			1	78	21.92	21.62	21.75	2.0	23.0
			36	0	21.69	21.63	21.73	2.0	23.0
			36	21	22.75	22.66	22.85	1.0	24.0
			36	42	21.76	21.59	21.74	2.0	23.0
			75	0	21.84	21.73	21.65	2.0	23.0
		64QAM	1	1	21.14	21.04	20.93	2.5	22.5
		256QAM	1	1	19.13	19.09	18.89	4.0	21.0
	CP-OFDM	QPSK	1	0	20.67	20.69	20.61	3.0	22.0
			1	1	22.48	22.38	22.31	1.5	23.5
			1	39	22.34	22.38	22.32	1.5	23.5
			1	76	22.30	22.27	22.22	1.5	23.5
			1	78	20.64	20.67	20.72	3.0	22.0
			36	0	20.71	20.73	20.70	3.0	22.0
			36	21	22.46	22.45	22.53	1.5	23.5
			36	42	20.65	20.66	20.67	3.0	22.0
			75	0	20.80	20.75	20.77	3.0	22.0
		16QAM	1	0	20.76	20.75	21.00	3.0	22.0
			1	1	21.76	21.87	22.20	2.0	23.0
			1	39	21.63	21.82	22.12	2.0	23.0
			1	76	21.69	21.91	22.03	2.0	23.0
			1	78	20.65	20.80	21.05	3.0	22.0
			36	0	20.91	20.80	20.79	3.0	22.0
			36	21	21.90	21.83	21.76	2.0	23.0
			36	42	20.89	20.84	20.77	3.0	22.0
			75	0	20.71	20.81	20.85	3.0	22.0
		64QAM	1	1	19.98	20.18	20.34	3.5	21.5
		256QAM	1	1	17.03	17.28	17.49	6.5	18.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					140900	141500	142200		
					704.00 MHz	707.50 MHz	711.00 MHz		
10 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	23.14	23.15	23.23	0.5	24.5
			1	1	23.86	24.13	23.93	0.0	25.0
			1	26	24.10	23.90	23.84	0.0	25.0
			1	49	24.23	23.89	24.00	0.0	25.0
			1	50	23.12	23.19	23.25	0.5	24.5
			25	0	23.49	23.52	23.40	0.5	24.5
			25	13	24.16	23.98	23.97	0.0	25.0
			25	26	23.48	23.34	23.59	0.5	24.5
			50	0	23.52	23.39	23.60	0.5	24.5
		QPSK	1	0	22.66	22.63	22.68	1.0	24.0
			1	1	23.85	23.56	23.38	0.0	25.0
			1	26	24.27	24.04	24.08	0.0	25.0
			1	49	23.28	23.31	23.51	0.0	25.0
			1	50	22.78	22.67	22.68	1.0	24.0
			25	0	22.57	22.55	22.52	1.0	24.0
			25	13	23.12	23.49	23.39	0.0	25.0
			25	26	22.15	22.40	22.61	1.0	24.0
			50	0	22.23	22.25	22.52	1.0	24.0
		16QAM	1	1	22.87	22.55	22.78	1.0	24.0
			1	26	22.60	22.33	22.60	1.0	24.0
			1	49	22.60	22.22	22.74	1.0	24.0
		64QAM	1	1	21.07	20.86	21.02	2.5	22.5
		256QAM	1	1	19.10	18.77	19.05	4.0	21.0
	CP-OFDM	QPSK	1	1	22.80	22.26	22.36	1.5	23.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					140300	141500	142700		
					701.50 MHz	707.50 MHz	713.50 MHz		
5 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	23.12	23.13	23.20	0.5	24.5
			1	1	23.93	24.11	24.05	0.0	25.0
			1	13	24.15	24.11	24.17	0.0	25.0
			1	23	23.96	23.85	24.15	0.0	25.0
			1	24	23.10	23.15	23.21	0.5	24.5
			12	0	23.47	23.44	23.60	0.5	24.5
			12	6	23.95	24.09	24.20	0.0	25.0
			12	13	23.54	23.32	23.63	0.5	24.5
			25	0	23.55	23.41	23.52	0.5	24.5
		QPSK	1	0	22.68	22.61	22.66	1.0	24.0
			1	1	23.98	23.22	23.50	0.0	25.0
			1	13	23.81	23.40	23.72	0.0	25.0
			1	23	23.56	23.41	23.66	0.0	25.0
			1	24	22.72	22.68	22.69	1.0	24.0
			12	0	23.00	22.61	22.72	1.0	24.0
			12	6	24.01	23.60	23.80	0.0	25.0
			12	13	22.83	22.60	22.79	1.0	24.0
			25	0	22.93	22.64	22.76	1.0	24.0
		16QAM	1	1	23.10	22.79	22.82	1.0	24.0
			1	13	23.14	22.77	23.08	1.0	24.0
			1	23	23.08	22.77	22.96	1.0	24.0
		64QAM	1	1	21.11	20.86	21.02	2.5	22.5
		256QAM	1	1	19.07	18.99	19.06	4.0	21.0
	CP-OFDM	QPSK	1	1	22.83	22.39	22.31	1.5	23.5

NR Band n30 (ANT A)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					
					Measured Pwr (dBm)			MPR	Tune-up Limit	
					462000	2310.00 MHz				
10 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0		21.20		0.5	23.0	
			1	1		22.25		0.0	23.5	
			1	25		22.31		0.0	23.5	
			1	50		22.26		0.0	23.5	
			1	51		21.26		0.5	23.0	
			25	0		21.88		0.5	23.0	
			25	13		22.44		0.0	23.5	
			25	27		21.92		0.5	23.0	
			50	0		21.98		0.5	23.0	
		QPSK	1	0		20.81		1.0	22.5	
			1	1		22.33		0.0	23.5	
			1	25		22.35		0.0	23.5	
			1	50		22.35		0.0	23.5	
			1	51		20.92		1.0	22.5	
			25	0		21.41		1.0	22.5	
			25	13		22.42		0.0	23.5	
			25	27		21.47		1.0	22.5	
			50	0		21.44		1.0	22.5	
		16QAM	1	0		19.88		2.0	21.5	
			1	1		21.61		1.0	22.5	
			1	107		21.63		1.0	22.5	
			1	214		21.56		1.0	22.5	
			1	215		20.09		2.0	21.5	
			108	0		20.11		2.0	21.5	
			108	54		21.14		1.0	22.5	
			108	108		20.04		2.0	21.5	
			216	0		20.13		2.0	21.5	
	64QAM	1	1		19.59		2.5	21.0		
	256QAM	1	1		18.60		4.5	19.0		
	CP-OFDM	QPSK	1	0		18.87		3.0	20.5	
			1	1		21.03		1.5	22.0	
			1	107		20.63		1.5	22.0	
			1	214		20.40		1.5	22.0	
			1	215		19.00		3.0	20.5	
			108	0		19.03		3.0	20.5	
			108	54		20.52		1.5	22.0	
			108	108		19.02		3.0	20.5	
			216	0		19.10		3.0	20.5	
		16QAM	1	0		19.35		3.0	20.5	
			1	1		20.24		2.0	21.5	
			1	107		19.85		2.0	21.5	
			1	214		20.09		2.0	21.5	
			1	215		18.88		3.0	20.5	
			108	0		18.89		3.0	20.5	
			108	54		20.08		2.0	21.5	
			108	108		19.00		3.0	20.5	
			216	0		19.00		3.0	20.5	
		64QAM	1	1		18.43		3.5	20.0	
		256QAM	1	1		15.17		6.5	17.0	
BW (MHz)		Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
						461500	462000	462500		
	2307.50 MHz					2310.00 MHz	2312.50 MHz			
5 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0		21.29	21.30	21.40	0.5	23.0
			1	1		22.37	22.46	22.50	0.0	23.5
			1	12		22.36	22.47	22.48	0.0	23.5
			1	23		22.31	22.43	22.50	0.0	23.5
			1	24		21.16	21.32	21.41	0.5	23.0
			12	0		21.95	22.06	21.97	0.5	23.0
			12	6		22.48	22.56	22.50	0.0	23.5
			12	13		21.95	22.04	22.03	0.5	23.0
			25	0		22.01	22.09	22.01	0.5	23.0
		QPSK	1	0		20.85	21.09	20.98	1.0	22.5
			1	1		22.43	22.51	22.44	0.0	23.5
			1	12		22.42	22.47	22.48	0.0	23.5
			1	23		22.34	22.43	22.45	0.0	23.5
			1	24		21.03	20.91	20.92	1.0	22.5
			12	0		21.51	21.59	21.50	1.0	22.5
			12	6		22.45	22.52	22.53	0.0	23.5
			12	13		21.51	21.45	21.47	1.0	22.5
			25	0		21.49	21.51	21.54	1.0	22.5
		16QAM	1	1		21.47	21.51	21.55	1.0	22.5
			1	12		21.58	21.60	21.56	1.0	22.5
			1	23		21.33	21.54	21.54	1.0	22.5
			64QAM	1	1		19.82	19.74	19.66	2.5
		256QAM	1	1		17.68	18.10	17.66	4.5	19.0
	CP-OFDM	QPSK	1	1		21.12	21.04	21.11	1.5	22.0

NR Band n30 (ANT F)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)				
					Measured Pwr (dBm)			MPR	Tune-up Limit
					462000	2310.00 MHz			
10 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0		20.71		0.5	22.5
			1	1		21.81		0.0	23.0
			1	25		21.86		0.0	23.0
			1	50		21.81		0.0	23.0
			1	51		20.68		0.5	22.5
			25	0		21.25		0.5	22.5
			25	13		21.89		0.0	23.0
			25	27		21.39		0.5	22.5
		50	0		21.33		0.5	22.5	
		QPSK	1	0		20.40		1.0	22.0
			1	1		21.84		0.0	23.0
			1	25		21.75		0.0	23.0
			1	50		21.66		0.0	23.0
			1	51		20.45		1.0	22.0
			25	0		20.82		1.0	22.0
			25	13		21.90		0.0	23.0
			25	27		20.88		1.0	22.0
		50	0		20.81		1.0	22.0	
		16QAM	1	0		19.17		2.0	21.0
			1	1		20.91		1.0	22.0
			1	107		20.97		1.0	22.0
			1	214		20.87		1.0	22.0
			1	215		19.39		2.0	21.0
			108	0		19.39		2.0	21.0
			108	54		20.53		1.0	22.0
			108	108		19.45		2.0	21.0
		216	0		19.26		2.0	21.0	
		64QAM	1	1		19.03		2.5	20.5
		256QAM	1	1		16.84		4.5	18.5
	CP-OFDM	QPSK	1	0		18.35		3.0	20.0
			1	1		20.04		1.5	21.5
			1	107		19.96		1.5	21.5
			1	214		20.09		1.5	21.5
			1	215		18.57		3.0	20.0
			108	0		18.51		3.0	20.0
			108	54		20.01		1.5	21.5
			108	108		18.43		3.0	20.0
		216	0		18.32		3.0	20.0	
		16QAM	1	0		18.29		3.0	20.0
			1	1		19.90		2.0	21.0
			1	107		19.58		2.0	21.0
			1	214		19.35		2.0	21.0
			1	215		18.73		3.0	20.0
			108	0		18.55		3.0	20.0
			108	54		19.50		2.0	21.0
			108	108		18.39		3.0	20.0
		216	0		18.46		3.0	20.0	
		64QAM	1	1		18.12		3.5	19.5
		256QAM	1	1		15.16		6.5	16.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					461500	462000	462500		
					2307.50 MHz	2310.00 MHz	2312.50 MHz		
5 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	20.80	20.78	20.88	0.5	22.5
			1	1	21.78	21.68	21.75	0.0	23.0
			1	12	21.69	21.87	21.90	0.0	23.0
			1	23	21.66	21.76	21.77	0.0	23.0
			1	24	20.73	20.66	20.71	0.5	22.5
			12	0	21.32	21.22	21.31	0.5	22.5
			12	6	21.93	21.88	21.88	0.0	23.0
			12	13	21.19	21.33	21.33	0.5	22.5
		QPSK	25	0	21.14	21.23	21.31	0.5	22.5
			1	0	20.37	20.43	20.44	1.0	22.0
			1	1	21.70	21.70	21.68	0.0	23.0
			1	12	21.68	21.78	21.82	0.0	23.0
			1	23	21.71	21.75	21.62	0.0	23.0
			1	24	20.35	20.42	20.41	1.0	22.0
			12	0	20.86	20.77	20.84	1.0	22.0
			12	6	21.73	21.90	21.96	0.0	23.0
		12	13	20.71	20.81	20.80	1.0	22.0	
		16QAM	25	0	20.67	20.79	20.79	1.0	22.0
			1	1	20.96	20.86	20.98	1.0	22.0
			1	12	20.85	20.91	20.84	1.0	22.0
			1	23	20.75	20.91	20.75	1.0	22.0
		64QAM	1	1	18.98	18.88	18.89	2.5	20.5
		256QAM	1	1	16.83	16.78	16.77	4.5	18.5
	CP-OFDM	QPSK	1	1	20.56	20.60	20.57	1.5	21.5

NR Band n41 (PC2, Switching) (ANT B)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Average POWER (dBm)				
					Measured Pwr (dBm)			MPR	Tune-up Limit
					509202	518598	528000		
					2546.01 MHz	2592.99 MHz	2640.00 MHz		
100 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.59	22.57	22.62	0.5	26.5
			1	1	26.21	26.15	26.20	0.0	27.0
			1	136	26.06	26.00	25.95	0.0	27.0
			1	271	26.35	26.04	26.35	0.0	27.0
			1	272	22.72	22.54	22.77	0.5	26.5
			135	0	25.73	25.64	25.48	0.5	26.5
			135	69	26.17	25.98	25.88	0.0	27.0
			135	138	25.60	25.44	25.55	0.5	26.5
		QPSK	270	0	25.57	25.56	25.59	0.5	26.5
			1	0	22.67	22.59	22.59	1.0	26.0
			1	1	26.31	26.17	26.14	0.0	27.0
			1	136	26.24	25.96	25.84	0.0	27.0
			1	271	26.35	26.05	26.24	0.0	27.0
			1	272	22.83	22.50	22.61	1.0	26.0
			135	0	25.18	25.08	24.95	1.0	26.0
			135	69	26.13	26.04	25.89	0.0	27.0
			135	138	25.10	24.96	24.99	1.0	26.0
			270	0	25.18	25.11	25.03	1.0	26.0
		16QAM	1	0	22.61	22.73	22.46	2.0	25.0
			1	1	25.04	25.18	24.75	1.0	26.0
			1	136	24.96	25.06	24.71	1.0	26.0
			1	271	25.30	25.24	25.08	1.0	26.0
			1	272	22.80	22.61	22.66	2.0	25.0
			135	0	24.12	24.06	23.89	2.0	25.0
			135	69	24.98	24.97	24.85	1.0	26.0
			135	138	23.98	23.89	23.95	2.0	25.0
			270	0	24.11	23.90	23.94	2.0	25.0
		64QAM	1	1	23.50	23.83	23.71	2.5	24.5
		256QAM	1	1	21.77	21.61	21.83	4.5	22.5
	CP-OFDM	QPSK	1	0	22.69	22.80	22.81	3.0	24.0
			1	1	24.88	24.85	24.97	1.5	25.5
			1	137	24.67	24.63	24.48	1.5	25.5
			1	271	25.06	24.72	24.86	1.5	25.5
			1	272	22.92	22.57	22.75	3.0	24.0
			135	0	23.21	23.22	22.86	3.0	24.0
			135	69	24.46	24.40	24.37	1.5	25.5
			135	138	23.04	22.86	22.85	3.0	24.0
			270	0	23.10	22.99	22.94	3.0	24.0
		16QAM	1	0	22.74	22.83	22.72	3.0	24.0
			1	1	24.23	24.23	24.08	2.0	25.0
			1	137	24.28	23.92	23.87	2.0	25.0
			1	271	24.39	24.03	24.21	2.0	25.0
			1	272	22.97	22.62	22.76	3.0	24.0
			135	0	23.02	23.12	23.05	3.0	24.0
			135	69	24.14	24.12	23.96	2.0	25.0
			135	138	23.06	22.95	22.99	3.0	24.0
			270	0	23.10	23.10	23.00	3.0	24.0
		64QAM	1	1	22.68	22.59	22.52	3.5	23.5
		256QAM	1	1	19.73	19.51	19.43	6.5	20.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					508200	518598	528996		
					2541.00 MHz	2592.99 MHz	2644.98 MHz		
90 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.79	22.70	22.62	0.5	26.5
			1	1	26.26	26.29	26.20	0.0	27.0
			1	123	26.20	26.16	26.07	0.0	27.0
			1	243	26.30	26.01	26.18	0.0	27.0
			1	244	22.77	22.52	22.74	0.5	26.5
			120	0	25.74	25.69	25.48	0.5	26.5
			120	62	26.14	26.14	25.98	0.0	27.0
			120	125	25.63	25.44	25.56	0.5	26.5
			243	0	25.59	25.51	25.45	0.5	26.5
		QPSK	1	0	22.73	22.65	22.60	1.0	26.0
			1	1	26.29	26.15	26.07	0.0	27.0
			1	123	26.26	26.01	25.93	0.0	27.0
			1	243	26.34	25.98	26.11	0.0	27.0
			1	244	22.84	22.47	22.62	1.0	26.0
			120	0	25.17	25.03	24.93	1.0	26.0
			120	62	26.20	25.96	25.89	0.0	27.0
			120	125	25.18	24.90	24.97	1.0	26.0
			243	0	25.19	24.98	24.97	1.0	26.0
		16QAM	1	1	25.09	25.28	24.72	1.0	26.0
			1	123	25.02	25.10	24.53	1.0	26.0
			1	243	25.13	25.11	24.79	1.0	26.0
		64QAM	1	1	23.34	23.51	23.60	2.5	24.5
		256QAM	1	1	21.83	21.73	21.54	4.5	22.5
	CP-OFDM	QPSK	1	1	25.29	24.86	24.73	1.5	25.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					507204	518598	529998		
					2536.02 MHz	2592.99 MHz	2649.99 MHz		
80 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.63	22.63	22.48	0.5	26.5
			1	1	26.27	26.20	26.09	0.0	27.0
			1	108	26.21	26.08	26.03	0.0	27.0
			1	215	26.26	25.94	26.17	0.0	27.0
			1	216	22.63	22.31	22.62	0.5	26.5
			108	0	25.67	25.58	25.40	0.5	26.5
			108	54	26.27	26.15	26.03	0.0	27.0
			108	108	25.65	25.42	25.55	0.5	26.5
		QPSK	216	0	25.70	25.60	25.50	0.5	26.5
			1	0	22.56	22.51	22.34	1.0	26.0
			1	1	26.19	26.10	25.98	0.0	27.0
			1	108	26.16	25.96	25.89	0.0	27.0
			1	215	26.30	25.80	26.10	0.0	27.0
			1	216	22.67	22.29	22.52	1.0	26.0
			108	0	25.20	25.13	24.91	1.0	26.0
			108	54	26.19	26.13	25.90	0.0	27.0
			108	109	25.17	24.95	25.03	1.0	26.0
			216	0	25.19	25.06	24.98	1.0	26.0
		16QAM	1	1	24.99	25.23	24.83	1.0	26.0
			1	108	25.00	25.07	24.83	1.0	26.0
			1	215	25.12	24.94	25.03	1.0	26.0
		64QAM	1	1	23.56	23.72	23.55	2.5	24.5
		256QAM	1	1	21.50	21.70	21.53	4.5	22.5
	CP-OFDM	QPSK	1	1	24.77	24.76	24.54	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					506202	518598	531000		
					2531.02 MHz	2592.99 MHz	2655.00 MHz		
70 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.55	22.55	22.39	0.5	26.5
			1	1	26.27	26.17	26.04	0.0	27.0
			1	94	26.11	26.12	26.14	0.0	27.0
			1	187	26.25	25.89	26.16	0.0	27.0
			1	188	22.58	22.40	22.53	0.5	26.5
			90	0	25.63	25.66	25.38	0.5	26.5
			90	49	26.22	26.21	26.10	0.0	27.0
			90	99	25.65	25.46	25.63	0.5	26.5
		QPSK	180	0	25.68	25.56	25.53	0.5	26.5
			1	0	22.56	22.55	22.30	1.0	26.0
			1	1	26.12	26.20	25.87	0.0	27.0
			1	94	26.18	26.00	25.97	0.0	27.0
			1	187	26.25	25.84	26.05	0.0	27.0
			1	188	22.69	22.23	22.44	1.0	26.0
			90	0	25.19	25.06	24.98	1.0	26.0
			90	49	26.10	26.03	26.02	0.0	27.0
			90	99	25.19	24.94	25.09	1.0	26.0
			180	0	25.15	25.11	25.03	1.0	26.0
		16QAM	1	1	25.04	25.20	24.56	1.0	26.0
			1	94	24.97	25.05	24.68	1.0	26.0
			1	187	25.06	24.87	24.71	1.0	26.0
		64QAM	1	1	23.34	23.45	23.31	2.5	24.5
		256QAM	1	1	21.65	21.61	21.31	4.5	22.5
	CP-OFDM	QPSK	1	1	24.83	24.71	24.51	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					505200	518598	513996		
					2526.00 MHz	2592.99 MHz	2659.98 MHz		
60 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.55	22.55	22.39	0.5	26.5
			1	1	26.27	26.17	26.04	0.0	27.0
			1	80	26.11	26.12	26.14	0.0	27.0
			1	160	26.25	25.89	26.16	0.0	27.0
			1	161	22.58	22.40	22.53	0.5	26.5
			81	0	25.63	25.66	25.38	0.5	26.5
			81	40	26.22	26.21	26.10	0.0	27.0
			81	81	25.65	25.46	25.63	0.5	26.5
		QPSK	162	0	25.68	25.56	25.53	0.5	26.5
			1	0	22.56	22.55	22.30	1.0	26.0
			1	1	26.12	26.20	25.87	0.0	27.0
			1	80	26.18	26.00	25.97	0.0	27.0
			1	160	26.25	25.84	26.05	0.0	27.0
			1	161	22.69	22.23	22.44	1.0	26.0
			81	0	25.19	25.06	24.98	1.0	26.0
			81	40	26.10	26.03	26.02	0.0	27.0
			81	81	25.19	24.94	25.09	1.0	26.0
			162	0	25.15	25.11	25.03	1.0	26.0
		16QAM	1	1	25.04	25.20	24.56	1.0	26.0
			1	80	24.97	25.05	24.68	1.0	26.0
			1	160	25.06	24.87	24.71	1.0	26.0
		64QAM	1	1	23.34	23.45	23.31	2.5	24.5
		256QAM	1	1	21.65	21.61	21.31	4.5	22.5
	CP-OFDM	QPSK	1	1	24.83	24.71	24.51	1.5	25.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					504204	518598	532998		
					2521.01 MHz	2592.99 MHz	2665.00 MHz		
50 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.56	22.50	22.51	0.5	26.5
			1	1	26.22	26.12	26.11	0.0	27.0
			1	66	26.35	26.17	26.20	0.0	27.0
			1	131	26.26	26.18	26.29	0.0	27.0
			1	132	22.83	22.46	22.73	0.5	26.5
			64	0	25.80	25.67	25.49	0.5	26.5
			64	34	26.45	26.26	26.19	0.0	27.0
			64	69	25.92	25.69	25.72	0.5	26.5
		QPSK	128	0	25.82	25.73	25.63	0.5	26.5
			1	0	22.62	22.58	22.31	1.0	26.0
			1	1	26.22	26.08	25.89	0.0	27.0
			1	66	26.32	26.12	25.99	0.0	27.0
			1	131	26.31	26.13	26.15	0.0	27.0
			1	132	22.77	22.43	22.58	1.0	26.0
			64	0	25.34	25.17	24.95	1.0	26.0
			64	34	26.46	26.21	26.06	0.0	27.0
			64	69	25.36	25.15	25.18	1.0	26.0
			128	0	25.23	25.15	25.09	1.0	26.0
		16QAM	1	1	25.11	25.10	24.68	1.0	26.0
			1	66	25.19	25.17	24.79	1.0	26.0
			1	131	25.17	25.07	24.87	1.0	26.0
		64QAM	1	1	23.53	23.26	23.23	2.5	24.5
		256QAM	1	1	21.83	21.74	21.33	4.5	22.5
	CP-OFDM	QPSK	1	1	24.77	24.80	24.59	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					503700	518598	533496		
					2518.50 MHz	2592.99 MHz	2667.48 MHz		
45 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.67	22.61	22.56	0.5	26.5
			1	1	26.28	26.19	26.08	0.0	27.0
			1	60	26.15	26.11	26.02	0.0	27.0
			1	117	26.30	25.88	26.15	0.0	27.0
			1	118	22.59	22.28	22.57	0.5	26.5
			60	0	25.69	25.59	25.38	0.5	26.5
			60	29	26.25	26.14	26.01	0.0	27.0
			60	59	25.68	25.41	25.65	0.5	26.5
		QPSK	108	0	25.70	25.56	25.49	0.5	26.5
			1	0	22.63	22.62	22.32	1.0	26.0
			1	1	26.36	26.23	25.97	0.0	27.0
			1	60	26.16	26.09	25.94	0.0	27.0
			1	117	26.28	25.94	26.11	0.0	27.0
			1	118	22.80	22.34	22.52	1.0	26.0
			60	0	25.17	25.12	24.89	1.0	26.0
			60	29	26.24	26.12	25.89	0.0	27.0
			60	59	25.18	24.97	25.08	1.0	26.0
			108	0	25.17	25.03	24.96	1.0	26.0
		16QAM	1	1	25.09	25.19	24.66	1.0	26.0
			1	60	24.98	25.08	24.63	1.0	26.0
			1	117	25.13	24.86	24.78	1.0	26.0
		64QAM	1	1	23.44	23.49	23.42	2.5	24.5
		256QAM	1	1	21.74	21.75	21.30	4.5	22.5
	CP-OFDM	QPSK	1	1	24.91	24.71	24.74	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					503202	518598	534000		
					2516.01 MHz	2592.99 MHz	2670.00 MHz		
40 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.33	22.33	22.25	0.5	26.5
			1	1	26.06	25.92	25.87	0.0	27.0
			1	52	26.26	26.06	26.04	0.0	27.0
			1	104	26.18	25.96	26.11	0.0	27.0
			1	105	22.56	22.38	22.63	0.5	26.5
			50	0	25.69	25.50	25.42	0.5	26.5
			50	28	26.27	26.08	26.07	0.0	27.0
			50	56	25.70	25.55	25.56	0.5	26.5
		QPSK	100	0	25.69	25.58	25.47	0.5	26.5
			1	0	22.49	22.26	22.10	1.0	26.0
			1	1	26.05	25.79	25.71	0.0	27.0
			1	52	26.19	25.92	25.87	0.0	27.0
			1	104	26.20	25.84	25.97	0.0	27.0
			1	105	22.68	22.30	22.41	1.0	26.0
			50	0	25.20	24.99	24.91	1.0	26.0
			50	28	26.22	26.00	25.91	0.0	27.0
			50	56	25.25	25.01	25.09	1.0	26.0
			100	0	25.19	25.01	24.95	1.0	26.0
		16QAM	1	1	25.00	24.80	24.64	1.0	26.0
			1	52	25.16	25.01	24.85	1.0	26.0
			1	104	25.18	25.01	24.92	1.0	26.0
		64QAM	1	1	23.35	23.42	23.21	2.5	24.5
		256QAM	1	1	21.43	21.34	21.34	4.5	22.5
	CP-OFDM	QPSK	1	1	24.54	24.38	24.26	1.5	25.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					507204	518598	534498		
					2513.52 MHz	2592.99 MHz	2672.49 MHz		
35 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.78	22.76	22.73	0.5	26.5
			1	1	26.32	26.27	26.08	0.0	27.0
			1	45	26.25	26.15	26.11	0.0	27.0
			1	90	26.35	26.08	26.25	0.0	27.0
			1	91	22.88	22.57	22.81	0.5	26.5
			45	0	25.61	25.62	25.41	0.5	26.5
			45	23	26.15	26.17	26.01	0.0	27.0
			45	47	25.65	25.49	25.62	0.5	26.5
			90	0	25.60	25.53	25.45	0.5	26.5
		QPSK	1	0	22.77	22.63	22.61	1.0	26.0
			1	1	26.17	26.11	26.04	0.0	27.0
			1	45	26.18	26.05	26.04	0.0	27.0
			1	90	26.37	25.95	26.13	0.0	27.0
			1	91	22.93	22.66	22.69	1.0	26.0
			45	0	25.17	25.06	24.95	1.0	26.0
			45	23	26.19	25.98	25.93	0.0	27.0
			45	47	25.17	24.90	25.03	1.0	26.0
			90	0	25.19	25.00	24.94	1.0	26.0
		16QAM	1	1	25.03	25.33	24.72	1.0	26.0
			1	45	25.05	25.14	24.61	1.0	26.0
			1	90	25.17	25.17	24.85	1.0	26.0
		64QAM	1	1	23.56	23.78	23.46	2.5	24.5
		256QAM	1	1	21.58	21.77	21.66	4.5	22.5
	CP-OFDM	QPSK	1	1	24.73	24.93	24.72	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					502200	518598	534996		
					2511.00 MHz	2592.99 MHz	2675.00 MHz		
30 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.63	22.43	22.42	0.5	26.5
			1	1	26.18	26.06	25.97	0.0	27.0
			1	39	26.14	26.04	26.02	0.0	27.0
			1	76	26.20	26.06	26.23	0.0	27.0
			1	77	22.65	22.49	22.61	0.5	26.5
			36	0	25.67	25.55	25.44	0.5	26.5
			36	21	26.26	26.09	26.00	0.0	27.0
			36	42	25.77	25.56	25.53	0.5	26.5
			75	0	25.71	25.59	25.43	0.5	26.5
		QPSK	1	0	22.63	22.50	22.34	1.0	26.0
			1	1	26.20	26.09	25.89	0.0	27.0
			1	39	26.21	26.03	25.94	0.0	27.0
			1	76	26.32	26.06	26.13	0.0	27.0
			1	77	22.71	22.48	22.56	1.0	26.0
			36	0	25.18	25.04	24.93	1.0	26.0
			36	21	26.26	26.04	26.02	0.0	27.0
			36	42	25.30	25.08	25.07	1.0	26.0
			75	0	25.24	25.01	24.94	1.0	26.0
		16QAM	1	1	25.12	24.90	24.98	1.0	26.0
			1	39	25.15	24.95	25.01	1.0	26.0
			1	76	25.19	25.02	25.20	1.0	26.0
		64QAM	1	1	23.52	23.36	23.08	2.5	24.5
		256QAM	1	1	21.53	21.63	21.53	4.5	22.5
	CP-OFDM	QPSK	1	1	24.56	24.58	24.38	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					501702	518598	534996		
					2508.51 MHz	2592.99 MHz	2675.00 MHz		
25 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.47	22.48	22.44	0.5	26.5
			1	1	26.06	26.05	25.96	0.0	27.0
			1	32	26.27	26.12	26.21	0.0	27.0
			1	63	26.27	26.02	26.20	0.0	27.0
			1	64	22.67	22.48	22.63	0.5	26.5
			32	0	25.63	25.50	25.47	0.5	26.5
			32	16	26.25	26.07	26.05	0.0	27.0
			32	33	25.79	25.55	25.53	0.5	26.5
			64	0	25.73	25.55	25.52	0.5	26.5
		QPSK	1	0	22.63	22.42	22.32	1.0	26.0
			1	1	26.17	25.95	25.92	0.0	27.0
			1	32	26.32	26.00	26.04	0.0	27.0
			1	63	26.29	25.96	26.05	0.0	27.0
			1	64	22.71	22.43	22.57	1.0	26.0
			32	0	25.14	25.04	24.88	1.0	26.0
			32	16	26.17	26.01	25.96	0.0	27.0
			32	33	25.26	25.06	25.05	1.0	26.0
			64	0	25.18	25.05	25.00	1.0	26.0
		16QAM	1	1	25.08	25.11	24.67	1.0	26.0
			1	32	25.09	25.10	24.87	1.0	26.0
			1	63	25.13	25.17	24.99	1.0	26.0
		64QAM	1	1	23.50	23.58	23.42	2.5	24.5
		256QAM	1	1	21.56	21.53	21.49	4.5	22.5
	CP-OFDM	QPSK	1	1	24.68	24.57	24.49	1.5	25.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					501204	518598	535998		
					2506.02 MHz	2592.99 MHz	2679.99 MHz		
20 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.40	22.25	22.24	0.5	26.5
			1	1	26.01	25.88	25.81	0.0	27.0
			1	26	26.14	25.97	26.05	0.0	27.0
			1	49	26.04	25.94	26.18	0.0	27.0
			1	50	22.39	22.25	22.43	0.5	26.5
			25	0	25.47	25.44	25.42	0.5	26.5
			25	13	26.16	26.08	25.99	0.0	27.0
			25	26	25.60	25.53	25.44	0.5	26.5
		QPSK	50	0	25.49	25.45	25.43	0.5	26.5
			1	0	22.46	22.31	22.22	1.0	26.0
			1	1	25.94	25.80	25.75	0.0	27.0
			1	26	26.05	25.87	25.89	0.0	27.0
			1	49	26.13	25.83	25.93	0.0	27.0
			1	50	22.50	22.31	22.32	1.0	26.0
			25	0	24.99	24.91	24.84	1.0	26.0
			25	13	26.05	25.97	25.97	0.0	27.0
			25	26	25.11	24.96	24.97	1.0	26.0
			50	0	24.99	24.90	24.94	1.0	26.0
		16QAM	1	1	24.88	24.94	24.49	1.0	26.0
			1	26	24.89	25.00	24.69	1.0	26.0
			1	49	24.98	24.88	24.69	1.0	26.0
		64QAM	1	1	23.21	23.26	23.19	2.5	24.5
		256QAM	1	1	21.57	21.38	21.24	4.5	22.5
	CP-OFDM	QPSK	1	1	24.55	24.40	24.31	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					500700	518598	536496		
					2503.50 MHz	2592.99 MHz	2682.48 MHz		
15 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.39	22.31	22.39	0.5	26.5
			1	1	26.06	25.93	25.97	0.0	27.0
			1	19	26.12	25.96	26.00	0.0	27.0
			1	36	26.05	25.89	26.05	0.0	27.0
			1	37	22.49	22.43	22.47	0.5	26.5
			18	0	25.42	25.43	25.40	0.5	26.5
			18	10	26.13	25.98	26.05	0.0	27.0
			18	20	25.51	25.33	25.45	0.5	26.5
		QPSK	36	0	25.52	25.41	25.34	0.5	26.5
			1	0	22.44	22.34	22.27	1.0	26.0
			1	1	25.97	25.83	25.82	0.0	27.0
			1	19	26.00	25.80	25.85	0.0	27.0
			1	36	26.11	25.93	26.01	0.0	27.0
			1	37	22.56	22.40	22.44	1.0	26.0
			18	0	24.96	24.93	24.86	1.0	26.0
			18	10	25.92	25.89	25.84	0.0	27.0
			18	20	25.04	24.90	24.93	1.0	26.0
			36	0	25.00	24.93	24.89	1.0	26.0
		16QAM	1	1	24.89	24.96	24.74	1.0	26.0
			1	19	24.83	24.95	24.72	1.0	26.0
			1	36	24.88	24.88	25.00	1.0	26.0
		64QAM	1	1	23.38	23.49	23.36	2.5	24.5
		256QAM	1	1	21.35	21.30	21.26	4.5	22.5
	CP-OFDM	QPSK	1	1	24.59	24.51	24.43	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					500202	518598	537000		
					2501.01 MHz	2592.99 MHz	2685.00 MHz		
10 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.33	22.33	22.42	0.5	26.5
			1	1	26.07	25.98	26.04	0.0	27.0
			1	12	26.09	25.93	26.08	0.0	27.0
			1	22	26.16	25.92	26.20	0.0	27.0
			1	23	22.52	22.29	22.42	0.5	26.5
			12	0	25.46	25.51	25.46	0.5	26.5
			12	6	26.13	25.94	25.96	0.0	27.0
			12	12	25.58	25.55	25.47	0.5	26.5
		QPSK	24	0	25.54	25.51	25.41	0.5	26.5
			1	0	22.43	22.36	22.23	1.0	26.0
			1	1	26.15	25.98	25.84	0.0	27.0
			1	12	26.06	26.04	25.97	0.0	27.0
			1	22	26.12	25.92	25.97	0.0	27.0
			1	23	22.50	22.30	22.44	1.0	26.0
			12	0	24.99	24.97	24.91	1.0	26.0
			12	6	25.96	25.90	25.86	0.0	27.0
			12	12	25.09	24.91	24.93	1.0	26.0
			24	0	25.02	24.94	24.95	1.0	26.0
		16QAM	1	1	25.07	24.82	25.10	1.0	26.0
			1	12	24.92	24.78	25.01	1.0	26.0
			1	22	25.07	24.77	25.11	1.0	26.0
		64QAM	1	1	23.41	23.22	23.52	2.5	24.5
		256QAM	1	1	21.67	21.32	21.55	4.5	22.5
	CP-OFDM	QPSK	1	1	24.66	24.55	24.45	1.5	25.5

NR Band n41 (PC2, Switching) (SRS)

Maximum Average Power (dBm) SRS2				Tune-up Limit	Maximum Average Power (dBm) SRS3				Tune-up Limit	Maximum Average Power (dBm) SRS4				Tune-up Limit
				22.0					22.5					21.5
Measured Pwr (dBm)					Measured Pwr (dBm)					Measured Pwr (dBm)				
100 MHz	509202	518598	528000		100 MHz	509202	518598	528000		100 MHz	509202	518598	528000	
	2546.01 MHz	2592.99 MHz	2640 MHz			2546.01 MHz	2592.99 MHz	2640 MHz			2546.01 MHz	2592.99 MHz	2640 MHz	
	21.63	21.75	21.67			21.95	21.88	21.93			20.21	20.54	20.33	
90 MHz	508200	518598	528996		90 MHz	508200	518598	528996		90 MHz	508200	518598	528996	
	2541 MHz	2592.99 MHz	2644.98 MHz			2541 MHz	2592.99 MHz	2644.98 MHz			2541 MHz	2592.99 MHz	2644.98 MHz	
	21.71	21.49	21.63			21.98	21.85	21.93			20.25	20.41	20.36	
80 MHz	507204	518598	529998		80 MHz	507204	518598	529998		80 MHz	507204	518598	529998	
	2536.02 MHz	2592.99 MHz	2649.99 MHz			2536.02 MHz	2592.99 MHz	2649.99 MHz			2536.02 MHz	2592.99 MHz	2649.99 MHz	
	21.48	20.00	21.58			22.03	21.83	21.87			20.41	20.36	20.31	
70 MHz	506202	518598	531000		70 MHz	506202	518598	531000		70 MHz	506202	518598	531000	
	2531.02 MHz	2592.99 MHz	2655.00 MHz			2531.02 MHz	2592.99 MHz	2655.00 MHz			2531.02 MHz	2592.99 MHz	2655.00 MHz	
	21.31	19.70	21.54			22.01	21.79	21.82			20.33	20.25	20.36	
60 MHz	505200	518598	531996		60 MHz	505200	518598	531996		60 MHz	505200	518598	531996	
	2526 MHz	2592.99 MHz	2659.98 MHz			2526 MHz	2592.99 MHz	2659.98 MHz			2526 MHz	2592.99 MHz	2659.98 MHz	
	21.20	19.60	21.71			21.89	21.73	21.71			20.41	20.13	20.30	
50 MHz	504204	518598	532998		50 MHz	504204	518598	532998		50 MHz	504204	518598	532998	
	2521.01 MHz	2592.99 MHz	2665 MHz			2521.01 MHz	2592.99 MHz	2665 MHz			2521.01 MHz	2592.99 MHz	2665 MHz	
	21.05	19.75	21.25			21.92	21.75	21.93			20.57	20.03	20.29	
45 MHz	503700	518598	533496		45 MHz	503700	518598	533496		45 MHz	503700	518598	533496	
	2518.50 MHz	2592.99 MHz	2667.48 MHz			2518.50 MHz	2592.99 MHz	2667.48 MHz			2518.50 MHz	2592.99 MHz	2667.48 MHz	
	21.10	19.66	21.33			22.26	22.05	22.12			20.41	19.98	20.25	
40 MHz	503202	518598	534000		40 MHz	503202	518598	534000		40 MHz	503202	518598	534000	
	2516.01 MHz	2592.99 MHz	2670 MHz			2516.01 MHz	2592.99 MHz	2670 MHz			2516.01 MHz	2592.99 MHz	2670 MHz	
	20.98	19.66	21.38			22.13	22.02	22.08			20.39	20.01	20.21	
35 MHz	507204	518598	534498		35 MHz	507204	518598	534498		35 MHz	507204	518598	534498	
	2513.52 MHz	2592.99 MHz	2672.49 MHz			2513.52 MHz	2592.99 MHz	2672.49 MHz			2513.52 MHz	2592.99 MHz	2672.49 MHz	
	20.98	20.06	21.51			22.01	21.87	21.95			20.31	19.91	20.13	
30 MHz	502200	518598	534996		30 MHz	502200	518598	534996		30 MHz	502200	518598	534996	
	2511 MHz	2592.99 MHz	2675.0 MHz			2511 MHz	2592.99 MHz	2675.0 MHz			2511 MHz	2592.99 MHz	2675.0 MHz	
	21.03	20.35	21.33			21.98	21.93	21.95			20.24	19.85	20.09	
25 MHz	501702	518598	535500		25 MHz	501702	518598	535500		25 MHz	501702	518598	535500	
	2508.51 MHz	2592.99 MHz	2677.50 MHz			2508.51 MHz	2592.99 MHz	2677.50 MHz			2508.51 MHz	2592.99 MHz	2677.50 MHz	
	20.87	20.22	21.14			22.10	21.92	22.05			20.21	19.64	20.03	
20 MHz	501204	518598	535998		20 MHz	501204	518598	535998		20 MHz	501204	518598	535998	
	2506.02 MHz	2592.99 MHz	2679.99 MHz			2506.02 MHz	2592.99 MHz	2679.99 MHz			2506.02 MHz	2592.99 MHz	2679.99 MHz	
	20.86	20.14	21.52			22.05	21.83	22.01			20.15	19.52	19.96	
15 MHz	500700	518598	536496		15 MHz	500700	518598	536496		15 MHz	500700	518598	536496	
	2503.5 MHz	2592.99 MHz	2682.48MHz			2503.5 MHz	2592.99 MHz	2682.48MHz			2503.5 MHz	2592.99 MHz	2682.48MHz	
	21.15	20.96	21.23			22.11	21.77	21.93			20.08	19.33	19.92	
10 MHz	500202	518598	537000		10 MHz	500202	518598	537000		10 MHz	500202	518598	537000	
	2501.01 MHz	2592.99 MHz	2685 MHz			2501.01 MHz	2592.99 MHz	2685 MHz			2501.01 MHz	2592.99 MHz	2685 MHz	
	20.96	20.46	21.18			22.05	21.82	21.95			20.05	19.15	19.89	

NR Band n41 (PC2) (ANT F)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Average POWER (dBm)				
					Measured Pwr (dBm)			MPR	Tune-up Limit
					509202	518598	528000		
					2546.01 MHz	2592.99 MHz	2640.00 MHz		
100 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.32	22.41	22.29	0.5	26.5
			1	1	25.80	25.86	25.76	0.0	27.0
			1	136	25.62	25.59	25.59	0.0	27.0
			1	271	25.76	25.69	25.69	0.0	27.0
			1	272	22.22	22.23	22.18	0.5	26.5
			135	0	25.31	25.33	25.13	0.5	26.5
			135	69	25.71	25.70	25.56	0.0	27.0
			135	138	25.23	25.15	25.01	0.5	26.5
		QPSK	270	0	25.24	25.21	25.10	0.5	26.5
			1	0	22.36	22.28	22.21	1.0	26.0
			1	1	25.83	25.75	25.66	0.0	27.0
			1	136	25.67	25.48	25.41	0.0	27.0
			1	271	25.80	25.64	25.54	0.0	27.0
			1	272	22.33	22.17	22.17	1.0	26.0
			135	0	24.74	24.71	24.62	1.0	26.0
			135	69	25.69	25.62	25.52	0.0	27.0
			135	138	24.66	24.60	24.46	1.0	26.0
			270	0	24.74	24.68	24.58	1.0	26.0
		16QAM	1	0	22.25	22.46	22.15	2.0	25.0
			1	1	24.82	25.05	24.55	1.0	26.0
			1	136	24.67	24.75	24.50	1.0	26.0
			1	271	24.73	24.88	24.55	1.0	26.0
			1	272	22.19	22.29	21.90	2.0	25.0
			135	0	23.71	23.76	23.56	2.0	25.0
			135	69	24.69	24.60	24.54	1.0	26.0
			135	138	23.74	23.59	23.54	2.0	25.0
			270	0	23.71	23.73	23.51	2.0	25.0
		64QAM	1	1	23.15	23.36	23.20	2.5	24.5
		256QAM	1	1	21.32	21.36	21.16	4.5	22.5
	CP-OFDM	QPSK	1	0	22.28	22.35	22.15	3.0	24.0
			1	1	24.41	24.49	24.33	1.5	25.5
			1	137	24.29	24.24	24.14	1.5	25.5
			1	271	24.38	24.35	24.22	1.5	25.5
			1	272	22.20	22.15	22.11	3.0	24.0
			135	0	22.75	22.62	22.52	3.0	24.0
			135	69	24.14	24.13	23.92	1.5	25.5
			135	138	22.68	22.58	22.50	3.0	24.0
			270	0	22.65	22.71	22.50	3.0	24.0
		16QAM	1	0	22.38	22.35	22.10	3.0	24.0
			1	1	23.91	23.89	23.71	2.0	25.0
			1	137	23.75	23.47	23.65	2.0	25.0
			1	271	23.77	23.85	23.74	2.0	25.0
			1	272	22.38	22.23	22.07	3.0	24.0
			135	0	22.75	22.69	22.53	3.0	24.0
			135	69	23.71	23.66	23.63	2.0	25.0
			135	138	22.64	22.54	22.47	3.0	24.0
			270	0	22.64	22.70	22.55	3.0	24.0
		64QAM	1	1	22.39	22.26	22.09	3.5	23.5
		256QAM	1	1	19.56	19.21	19.24	6.5	20.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					508200	518598	528996		
					2541.00 MHz	2592.99 MHz	2644.98 MHz		
90 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.27	22.39	22.33	0.5	26.5
			1	1	26.04	26.00	25.94	0.0	27.0
			1	123	25.78	25.66	25.76	0.0	27.0
			1	243	25.84	25.81	25.84	0.0	27.0
			1	244	22.22	22.22	22.23	0.5	26.5
			120	0	25.30	25.26	25.09	0.5	26.5
			120	62	25.83	25.82	25.73	0.0	27.0
			120	125	25.26	25.21	25.14	0.5	26.5
		QPSK	243	0	25.35	25.33	25.27	0.5	26.5
			1	0	22.42	22.39	22.26	1.0	26.0
			1	1	26.04	26.00	25.86	0.0	27.0
			1	123	25.88	25.71	25.76	0.0	27.0
			1	243	25.93	25.76	25.69	0.0	27.0
			1	244	22.32	22.18	22.14	1.0	26.0
			120	0	24.83	24.81	24.71	1.0	26.0
			120	62	25.84	25.77	25.69	0.0	27.0
			120	125	24.80	24.71	24.67	1.0	26.0
			243	0	24.87	24.83	24.71	1.0	26.0
		16QAM	1	1	25.09	24.74	24.77	1.0	26.0
			1	123	24.97	24.48	24.63	1.0	26.0
			1	243	24.89	24.48	24.64	1.0	26.0
		64QAM	1	1	23.39	23.52	23.28	2.5	24.5
		256QAM	1	1	21.56	21.30	21.41	4.5	22.5
	CP-OFDM	QPSK	1	1	24.60	24.64	24.37	1.5	25.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					507204	518598	529998		
					2536.02 MHz	2592.99 MHz	2649.99 MHz		
80 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.32	22.42	22.25	0.5	26.5
			1	1	25.94	26.02	25.84	0.0	27.0
			1	108	25.77	25.70	25.68	0.0	27.0
			1	215	25.88	25.79	25.76	0.0	27.0
			1	216	22.26	22.19	22.18	0.5	26.5
			108	0	25.33	25.34	25.17	0.5	26.5
			108	54	25.94	25.82	25.70	0.0	27.0
			108	108	25.30	25.22	25.13	0.5	26.5
			216	0	25.49	25.39	25.23	0.5	26.5
		QPSK	1	0	22.36	22.24	22.18	1.0	26.0
			1	1	25.97	25.82	25.70	0.0	27.0
			1	108	25.77	25.52	25.55	0.0	27.0
			1	215	25.81	25.61	25.66	0.0	27.0
			1	216	22.27	22.05	22.10	1.0	26.0
			108	0	24.89	24.76	24.67	1.0	26.0
			108	54	25.91	25.69	25.65	0.0	27.0
			108	109	24.87	24.63	24.62	1.0	26.0
			216	0	24.90	24.85	24.76	1.0	26.0
		16QAM	1	1	24.84	25.04	24.42	1.0	26.0
			1	108	24.76	24.81	24.28	1.0	26.0
			1	215	24.76	24.80	24.27	1.0	26.0
		64QAM	1	1	23.09	23.22	23.25	2.5	24.5
		256QAM	1	1	21.48	21.36	21.24	4.5	22.5
	CP-OFDM	QPSK	1	1	24.70	24.56	24.38	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					506202	518598	531000		
					2531.02 MHz	2592.99 MHz	2655.00 MHz		
70 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.40	22.30	22.12	0.5	26.5
			1	1	25.65	25.80	25.64	0.0	27.0
			1	94	25.65	25.60	25.62	0.0	27.0
			1	187	25.74	25.64	25.58	0.0	27.0
			1	188	22.19	22.10	22.03	0.5	26.5
			90	0	25.35	25.31	25.15	0.5	26.5
			90	49	25.87	25.75	25.71	0.0	27.0
			90	99	25.24	25.16	25.14	0.5	26.5
			180	0	25.31	25.23	25.13	0.5	26.5
		QPSK	1	0	22.38	22.31	22.10	1.0	26.0
			1	1	25.84	25.75	25.55	0.0	27.0
			1	94	25.73	25.57	25.55	0.0	27.0
			1	187	25.74	25.56	25.46	0.0	27.0
			1	188	22.18	22.09	21.97	1.0	26.0
			90	0	24.87	24.80	24.64	1.0	26.0
			90	49	25.82	25.74	25.73	0.0	27.0
			90	99	24.83	24.70	24.54	1.0	26.0
			180	0	24.77	24.71	24.63	1.0	26.0
		16QAM	1	1	24.80	25.00	24.38	1.0	26.0
			1	94	24.71	24.83	24.36	1.0	26.0
			1	187	24.73	24.72	24.31	1.0	26.0
		64QAM	1	1	23.04	23.18	23.13	2.5	24.5
		256QAM	1	1	21.47	21.31	21.13	4.5	22.5
	CP-OFDM	QPSK	1	1	24.54	24.47	24.21	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					505200	518598	513996		
					2526.00 MHz	2592.99 MHz	2659.98 MHz		
60 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.27	22.09	22.02	0.5	26.5
			1	1	25.66	25.70	25.63	0.0	27.0
			1	80	25.58	25.61	25.48	0.0	27.0
			1	160	25.64	25.62	25.51	0.0	27.0
			1	161	22.06	22.05	22.02	0.5	26.5
			81	0	25.23	25.11	25.09	0.5	26.5
			81	40	25.76	25.74	25.55	0.0	27.0
			81	81	25.17	25.07	24.96	0.5	26.5
			162	0	25.27	25.20	25.07	0.5	26.5
		QPSK	1	0	22.18	22.06	21.93	1.0	26.0
			1	1	25.85	25.62	25.51	0.0	27.0
			1	80	25.69	25.50	25.37	0.0	27.0
			1	160	25.78	25.61	25.55	0.0	27.0
			1	161	22.17	22.01	21.91	1.0	26.0
			81	0	24.77	24.63	24.54	1.0	26.0
			81	40	25.86	25.75	25.54	0.0	27.0
			81	81	24.73	24.60	24.47	1.0	26.0
			162	0	24.83	24.77	24.59	1.0	26.0
		16QAM	1	1	24.61	24.82	24.23	1.0	26.0
			1	80	24.57	24.69	24.19	1.0	26.0
			1	160	24.65	24.75	24.17	1.0	26.0
		64QAM	1	1	22.87	22.98	23.01	2.5	24.5
		256QAM	1	1	21.30	21.08	20.98	4.5	22.5
	CP-OFDM	QPSK	1	1	24.48	24.39	24.44	1.5	25.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					504204	518598	532998		
					2521.01 MHz	2592.99 MHz	2665.00 MHz		
50 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.26	22.28	22.28	0.5	26.5
			1	1	25.87	25.87	25.84	0.0	27.0
			1	66	25.80	25.80	25.77	0.0	27.0
			1	131	25.81	25.96	25.90	0.0	27.0
			1	132	22.33	22.31	22.31	0.5	26.5
			64	0	25.40	25.32	25.21	0.5	26.5
			64	34	25.98	25.96	25.80	0.0	27.0
			64	69	25.35	25.29	25.20	0.5	26.5
		QPSK	128	0	25.32	25.41	25.19	0.5	26.5
			1	0	22.39	22.21	22.19	1.0	26.0
			1	1	25.98	25.84	25.78	0.0	27.0
			1	66	25.91	25.75	25.70	0.0	27.0
			1	131	25.92	25.86	25.81	0.0	27.0
			1	132	22.32	22.27	22.16	1.0	26.0
			64	0	24.94	24.83	24.74	1.0	26.0
			64	34	26.00	26.02	25.82	0.0	27.0
			64	69	24.87	24.83	24.73	1.0	26.0
			128	0	24.86	24.92	24.66	1.0	26.0
		16QAM	1	1	24.77	24.99	24.42	1.0	26.0
			1	66	24.78	24.95	24.42	1.0	26.0
			1	131	24.78	24.95	24.37	1.0	26.0
		64QAM	1	1	23.29	22.91	23.17	2.5	24.5
		256QAM	1	1	21.54	21.49	21.23	4.5	22.5
	CP-OFDM	QPSK	1	1	24.46	24.54	24.40	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					503700	518598	533496		
					2518.50 MHz	2592.99 MHz	2667.48 MHz		
45 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.29	22.40	22.29	0.5	26.5
			1	1	25.92	26.00	25.88	0.0	27.0
			1	60	25.70	25.68	25.71	0.0	27.0
			1	117	25.86	25.76	25.74	0.0	27.0
			1	118	22.21	22.12	22.10	0.5	26.5
			60	0	25.40	25.33	25.14	0.5	26.5
			60	29	25.94	25.79	25.67	0.0	27.0
			60	59	25.30	25.18	25.16	0.5	26.5
		QPSK	108	0	25.41	25.33	25.19	0.5	26.5
			1	0	22.42	22.41	22.24	1.0	26.0
			1	1	26.01	25.94	25.79	0.0	27.0
			1	60	25.72	25.65	25.60	0.0	27.0
			1	117	25.83	25.71	25.63	0.0	27.0
			1	118	22.22	22.17	22.07	1.0	26.0
			60	0	24.84	24.83	24.61	1.0	26.0
			60	29	25.92	25.79	25.61	0.0	27.0
			60	59	24.77	24.72	24.69	1.0	26.0
			108	0	24.97	24.89	24.69	1.0	26.0
		16QAM	1	1	24.90	25.05	24.66	1.0	26.0
			1	60	24.77	24.83	24.54	1.0	26.0
			1	117	24.71	24.86	24.54	1.0	26.0
		64QAM	1	1	23.35	23.42	23.24	2.5	24.5
		256QAM	1	1	21.37	21.43	21.36	4.5	22.5
	CP-OFDM	QPSK	1	1	24.61	24.55	24.42	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					503202	518598	534000		
					2516.01 MHz	2592.99 MHz	2670.00 MHz		
40 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.08	22.08	22.08	0.5	26.5
			1	1	25.67	25.66	25.66	0.0	27.0
			1	52	25.68	25.71	25.66	0.0	27.0
			1	104	25.74	25.63	25.72	0.0	27.0
			1	105	22.14	22.18	22.13	0.5	26.5
			50	0	25.21	25.17	25.06	0.5	26.5
			50	28	25.80	25.80	25.75	0.0	27.0
			50	56	25.24	25.21	25.10	0.5	26.5
		QPSK	100	0	25.29	25.40	25.21	0.5	26.5
			1	0	22.20	22.13	21.97	1.0	26.0
			1	1	25.80	25.72	25.49	0.0	27.0
			1	52	25.79	25.69	25.59	0.0	27.0
			1	104	25.76	25.68	25.61	0.0	27.0
			1	105	22.11	22.07	22.02	1.0	26.0
			50	0	24.82	24.70	24.57	1.0	26.0
			50	28	25.88	25.78	25.60	0.0	27.0
			50	56	24.80	24.69	24.57	1.0	26.0
			100	0	24.87	24.87	24.76	1.0	26.0
		16QAM	1	1	24.65	24.77	24.27	1.0	26.0
			1	52	24.80	24.84	24.46	1.0	26.0
			1	104	24.61	24.72	24.45	1.0	26.0
		64QAM	1	1	23.11	23.14	23.02	2.5	24.5
		256QAM	1	1	21.15	21.14	21.12	4.5	22.5
	CP-OFDM	QPSK	1	1	24.40	24.30	24.10	1.5	25.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					507204	518598	534498		
					2513.52 MHz	2592.99 MHz	2672.49 MHz		
35 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.41	22.45	22.27	0.5	26.5
			1	1	26.05	26.04	25.92	0.0	27.0
			1	45	25.84	25.77	25.73	0.0	27.0
			1	90	25.89	25.75	25.78	0.0	27.0
			1	91	22.28	22.16	22.18	0.5	26.5
			45	0	25.37	25.34	25.19	0.5	26.5
			45	23	25.89	25.83	25.70	0.0	27.0
			45	47	25.33	25.21	25.13	0.5	26.5
			90	0	25.40	25.30	25.22	0.5	26.5
		QPSK	1	0	22.40	22.24	22.31	1.0	26.0
			1	1	26.06	25.95	25.75	0.0	27.0
			1	45	25.95	25.72	25.73	0.0	27.0
			1	90	26.01	25.73	25.70	0.0	27.0
			1	91	22.35	22.15	22.06	1.0	26.0
			45	0	24.86	24.86	24.72	1.0	26.0
			45	23	25.94	25.78	25.69	0.0	27.0
			45	47	24.79	24.69	24.65	1.0	26.0
			90	0	24.98	24.79	24.73	1.0	26.0
		16QAM	1	1	24.93	25.10	24.51	1.0	26.0
			1	45	24.81	24.83	24.34	1.0	26.0
			1	90	24.92	24.86	24.42	1.0	26.0
		64QAM	1	1	23.38	23.37	23.17	2.5	24.5
		256QAM	1	1	21.62	21.66	21.23	4.5	22.5
	CP-OFDM	QPSK	1	1	24.65	24.75	24.48	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					502200	518598	534996		
					2511.00 MHz	2592.99 MHz	2675.00 MHz		
30 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.22	22.16	22.17	0.5	26.5
			1	1	25.83	25.80	25.78	0.0	27.0
			1	39	25.78	25.79	25.75	0.0	27.0
			1	76	25.76	25.73	25.79	0.0	27.0
			1	77	22.18	22.19	22.18	0.5	26.5
			36	0	25.24	25.19	25.02	0.5	26.5
			36	21	25.86	25.75	25.63	0.0	27.0
			36	42	25.27	25.25	25.07	0.5	26.5
			75	0	25.25	25.26	25.11	0.5	26.5
		QPSK	1	0	22.27	22.23	22.11	1.0	26.0
			1	1	25.90	25.74	25.64	0.0	27.0
			1	39	25.90	25.77	25.68	0.0	27.0
			1	76	25.86	25.72	25.75	0.0	27.0
			1	77	22.31	22.15	22.17	1.0	26.0
			36	0	24.82	24.66	24.58	1.0	26.0
			36	21	25.87	25.83	25.69	0.0	27.0
			36	42	24.80	24.76	24.63	1.0	26.0
			75	0	24.81	24.80	24.64	1.0	26.0
		16QAM	1	1	24.81	24.88	24.34	1.0	26.0
			1	39	24.76	24.83	24.41	1.0	26.0
			1	76	24.75	24.90	24.46	1.0	26.0
		64QAM	1	1	23.04	23.07	23.12	2.5	24.5
		256QAM	1	1	21.39	21.31	20.95	4.5	22.5
	CP-OFDM	QPSK	1	1	24.44	24.42	24.21	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					501702	518598	534996		
					2508.51 MHz	2592.99 MHz	2675.00 MHz		
25 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.25	22.20	22.19	0.5	26.5
			1	1	25.83	25.79	25.66	0.0	27.0
			1	32	25.82	25.84	25.68	0.0	27.0
			1	63	25.84	25.80	25.80	0.0	27.0
			1	64	22.24	22.20	22.21	0.5	26.5
			32	0	25.26	25.25	25.03	0.5	26.5
			32	16	25.86	25.69	25.62	0.0	27.0
			32	33	25.32	25.20	25.05	0.5	26.5
			64	0	25.26	25.15	25.06	0.5	26.5
		QPSK	1	0	22.35	22.24	22.11	1.0	26.0
			1	1	25.97	25.75	25.63	0.0	27.0
			1	32	25.91	25.78	25.59	0.0	27.0
			1	63	25.91	25.73	25.68	0.0	27.0
			1	64	22.36	22.18	22.10	1.0	26.0
			32	0	24.83	24.76	24.56	1.0	26.0
			32	16	25.91	25.82	25.60	0.0	27.0
			32	33	24.88	24.73	24.57	1.0	26.0
			64	0	24.83	24.67	24.53	1.0	26.0
		16QAM	1	1	24.81	24.87	24.35	1.0	26.0
			1	32	24.81	24.82	24.27	1.0	26.0
			1	63	24.81	24.94	24.29	1.0	26.0
		64QAM	1	1	23.24	23.04	22.94	2.5	24.5
		256QAM	1	1	21.51	21.35	21.22	4.5	22.5
	CP-OFDM	QPSK	1	1	24.53	24.40	24.28	1.5	25.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					501204	518598	535998		
					2506.02 MHz	2592.99 MHz	2679.99 MHz		
20 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.29	21.96	21.97	0.5	26.5
			1	1	25.36	25.73	25.59	0.0	27.0
			1	26	25.79	25.79	25.67	0.0	27.0
			1	49	25.69	25.69	25.57	0.0	27.0
			1	50	22.06	22.05	22.00	0.5	26.5
			25	0	25.13	25.19	24.97	0.5	26.5
			25	13	25.77	25.79	25.57	0.0	27.0
			25	26	25.18	25.18	24.96	0.5	26.5
			50	0	25.22	25.28	25.09	0.5	26.5
		QPSK	1	0	22.02	22.05	21.90	1.0	26.0
			1	1	25.71	25.61	25.46	0.0	27.0
			1	26	25.82	25.72	25.57	0.0	27.0
			1	49	25.79	25.68	25.52	0.0	27.0
			1	50	22.12	22.03	21.91	1.0	26.0
			25	0	24.71	24.68	24.51	1.0	26.0
			25	13	25.80	25.66	25.56	0.0	27.0
			25	26	24.70	24.64	24.51	1.0	26.0
			50	0	24.83	24.79	24.59	1.0	26.0
		16QAM	1	1	24.51	24.67	24.26	1.0	26.0
			1	26	24.68	24.74	24.46	1.0	26.0
			1	49	24.67	24.79	24.46	1.0	26.0
		64QAM	1	1	23.03	23.11	23.01	2.5	24.5
		256QAM	1	1	21.09	21.10	21.08	4.5	22.5
	CP-OFDM	QPSK	1	1	24.32	24.29	24.06	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					500700	518598	536496		
					2503.50 MHz	2592.99 MHz	2682.48 MHz		
15 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.04	22.15	22.02	0.5	26.5
			1	1	25.72	25.78	25.62	0.0	27.0
			1	19	25.72	25.78	25.60	0.0	27.0
			1	36	25.69	25.77	25.74	0.0	27.0
			1	37	22.17	22.15	22.13	0.5	26.5
			18	0	25.14	25.08	24.99	0.5	26.5
			18	10	25.80	25.82	25.63	0.0	27.0
			18	20	25.21	25.16	25.02	0.5	26.5
			36	0	25.20	25.14	24.96	0.5	26.5
		QPSK	1	0	22.24	22.14	21.96	1.0	26.0
			1	1	25.83	25.72	25.54	0.0	27.0
			1	19	25.71	25.71	25.53	0.0	27.0
			1	36	25.75	25.69	25.65	0.0	27.0
			1	37	22.24	22.17	22.12	1.0	26.0
			18	0	24.66	24.73	24.48	1.0	26.0
			18	10	25.90	25.86	25.64	0.0	27.0
			18	20	24.72	24.72	24.51	1.0	26.0
			36	0	24.73	24.69	24.47	1.0	26.0
		16QAM	1	1	24.59	24.77	24.25	1.0	26.0
			1	19	24.71	24.74	24.40	1.0	26.0
			1	36	24.75	24.88	24.54	1.0	26.0
		64QAM	1	1	23.12	23.10	22.95	2.5	24.5
		256QAM	1	1	21.20	21.13	21.13	4.5	22.5
	CP-OFDM	QPSK	1	1	24.41	24.47	24.07	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					500202	518598	537000		
					2501.01 MHz	2592.99 MHz	2685.00 MHz		
10 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.35	22.16	22.01	0.5	26.5
			1	1	25.75	25.78	25.68	0.0	27.0
			1	12	25.71	25.75	25.67	0.0	27.0
			1	22	25.80	25.75	25.70	0.0	27.0
			1	23	22.11	22.15	22.04	0.5	26.5
			12	0	25.19	25.08	24.95	0.5	26.5
			12	6	25.78	25.79	25.58	0.0	27.0
			12	12	25.24	25.18	24.99	0.5	26.5
			24	0	25.22	25.17	24.95	0.5	26.5
		QPSK	1	0	22.20	22.08	21.95	1.0	26.0
			1	1	25.84	25.71	25.56	0.0	27.0
			1	12	25.86	25.72	25.50	0.0	27.0
			1	22	25.91	25.74	25.57	0.0	27.0
			1	23	22.22	22.13	21.96	1.0	26.0
			12	0	24.71	24.67	24.47	1.0	26.0
			12	6	25.81	25.79	25.58	0.0	27.0
			12	12	24.78	24.71	24.49	1.0	26.0
			24	0	24.76	24.70	24.50	1.0	26.0
		16QAM	1	1	24.61	24.77	24.23	1.0	26.0
			1	12	24.74	24.74	24.24	1.0	26.0
			1	22	24.78	24.88	24.29	1.0	26.0
		64QAM	1	1	23.14	22.93	22.83	2.5	24.5
		256QAM	1	1	21.36	21.35	20.96	4.5	22.5
	CP-OFDM	QPSK	1	1	24.42	24.48	24.10	1.5	25.5

NR Band n41 (PC2, SRS)

Maximum Average Power (dBm) SRS2				Tune-up Limit	Maximum Average Power (dBm) SRS3				Tune-up Limit	Maximum Average Power (dBm) SRS4				Tune-up Limit
				25.0					24.5					21.5
Measured Pwr (dBm)					Measured Pwr (dBm)					Measured Pwr (dBm)				
100 MHz	509202	518598	528000		100 MHz	509202	518598	528000		100 MHz	509202	518598	528000	
	2546.01 MHz	2592.99 MHz	2640 MHz			2546.01 MHz	2592.99 MHz	2640 MHz			2546.01 MHz	2592.99 MHz	2640 MHz	
	24.19	24.89	23.87			23.85	24.41	24.22			21.42	21.42	19.38	
90 MHz	508200	518598	528996		90 MHz	508200	518598	528996		90 MHz	508200	518598	528996	
	2541 MHz	2592.99 MHz	2644.98 MHz			2541 MHz	2592.99 MHz	2644.98 MHz			2541 MHz	2592.99 MHz	2644.98 MHz	
	24.08	24.95	23.92			23.63	24.45	23.25			21.36	21.43	19.25	
80 MHz	507204	518598	529998		80 MHz	507204	518598	529998		80 MHz	507204	518598	529998	
	2536.02 MHz	2592.99 MHz	2649.99 MHz			2536.02 MHz	2592.99 MHz	2649.99 MHz			2536.02 MHz	2592.99 MHz	2649.99 MHz	
	23.97	24.98	22.88			23.57	24.48	22.71			21.15	21.48	19.05	
70 MHz	506202	518598	531000		70 MHz	506202	518598	531000		70 MHz	506202	518598	531000	
	2531.02 MHz	2592.99 MHz	2655.00 MHz			2531.02 MHz	2592.99 MHz	2655.00 MHz			2531.02 MHz	2592.99 MHz	2655.00 MHz	
	23.82	24.85	22.97			23.52	24.42	22.63			21.13	21.33	19.95	
60 MHz	505200	518598	531996		60 MHz	505200	518598	531996		60 MHz	505200	518598	531996	
	2526 MHz	2592.99 MHz	2659.98 MHz			2526 MHz	2592.99 MHz	2659.98 MHz			2526 MHz	2592.99 MHz	2659.98 MHz	
	23.62	24.79	23.07			23.45	24.45	22.41			21.05	21.28	20.25	
50 MHz	504204	518598	532998		50 MHz	504204	518598	532998		50 MHz	504204	518598	532998	
	2521.01 MHz	2592.99 MHz	2665 MHz			2521.01 MHz	2592.99 MHz	2665 MHz			2521.01 MHz	2592.99 MHz	2665 MHz	
	23.65	24.72	23.30			23.38	24.48	22.39			20.96	20.85	21.22	
45 MHz	503700	518598	533496		45 MHz	503700	518598	533496		45 MHz	503700	518598	533496	
	2518.50 MHz	2592.99 MHz	2667.48 MHz			2518.50 MHz	2592.99 MHz	2667.48 MHz			2518.50 MHz	2592.99 MHz	2667.48 MHz	
	23.59	23.55	23.52			23.33	24.49	22.35			20.92	20.53	21.38	
40 MHz	503202	518598	534000		40 MHz	503202	518598	534000		40 MHz	503202	518598	534000	
	2516.01 MHz	2592.99 MHz	2670 MHz			2516.01 MHz	2592.99 MHz	2670 MHz			2516.01 MHz	2592.99 MHz	2670 MHz	
	23.65	23.62	23.63			23.68	24.41	22.65			20.84	20.25	21.25	
35 MHz	507204	518598	534498		35 MHz	507204	518598	534498		35 MHz	507204	518598	534498	
	2513.52 MHz	2592.99 MHz	2672.49 MHz			2513.52 MHz	2592.99 MHz	2672.49 MHz			2513.52 MHz	2592.99 MHz	2672.49 MHz	
	23.82	23.75	23.80			23.72	24.47	22.95			19.75	19.85	21.11	
30 MHz	502200	518598	534996		30 MHz	502200	518598	534996		30 MHz	502200	518598	534996	
	2511 MHz	2592.99 MHz	2675.0 MHz			2511 MHz	2592.99 MHz	2675.0 MHz			2511 MHz	2592.99 MHz	2675.0 MHz	
	23.65	23.62	23.73			23.55	24.41	23.61			20.91	19.65	20.72	
25 MHz	501702	518598	535500		25 MHz	501702	518598	535500		25 MHz	501702	518598	535500	
	2508.51 MHz	2592.99 MHz	2677.50 MHz			2508.51 MHz	2592.99 MHz	2677.50 MHz			2508.51 MHz	2592.99 MHz	2677.50 MHz	
	23.42	23.62	23.72			23.15	24.45	23.65			20.75	19.35	20.13	
20 MHz	501204	518598	535998		20 MHz	501204	518598	535998		20 MHz	501204	518598	535998	
	2506.02 MHz	2592.99 MHz	2679.99 MHz			2506.02 MHz	2592.99 MHz	2679.99 MHz			2506.02 MHz	2592.99 MHz	2679.99 MHz	
	23.48	23.41	23.41			23.12	24.23	23.58			20.70	19.03	19.31	
15 MHz	500700	518598	536496		15 MHz	500700	518598	536496		15 MHz	500700	518598	536496	
	2503.5 MHz	2592.99 MHz	2682.48MHz			2503.5 MHz	2592.99 MHz	2682.48MHz			2503.5 MHz	2592.99 MHz	2682.48MHz	
	23.42	23.22	22.82			23.10	24.08	23.61			20.79	19.08	19.11	
10 MHz	500202	518598	537000		10 MHz	500202	518598	537000		10 MHz	500202	518598	537000	
	2501.01 MHz	2592.99 MHz	2685 MHz			2501.01 MHz	2592.99 MHz	2685 MHz			2501.01 MHz	2592.99 MHz	2685 MHz	
	23.35	23.03	22.77			22.95	23.82	23.25			20.72	19.08	19.05	

NR Band n66 (ANT A)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)				
					Measured Pwr (dBm)			MPR	Tune-up Limit
					346500	349000	351500		
					1732.50 MHz	1745.00 MHz	1757.50 MHz		
45 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.66	22.65	22.71	0.5	24.0
			1	1	23.77	23.80	23.96	0.0	24.5
			1	121	23.91	24.01	23.82	0.0	24.5
			1	240	23.96	24.08	24.07	0.0	24.5
			1	241	22.86	22.90	22.97	0.5	24.0
			120	0	23.38	23.57	23.72	0.5	24.0
			120	61	23.99	24.03	24.06	0.0	24.5
			120	122	23.53	23.63	23.64	0.5	24.0
			240	0	23.56	23.55	23.62	0.5	24.0
		QPSK	1	0	22.19	22.18	22.29	1.0	23.5
			1	1	23.53	24.02	23.89	0.0	24.5
			1	121	23.80	23.96	23.83	0.0	24.5
			1	240	23.89	23.88	24.01	0.0	24.5
			1	241	22.43	22.43	22.48	1.0	23.5
			120	0	22.90	23.07	23.20	1.0	23.5
			120	61	23.93	24.01	23.98	0.0	24.5
			120	122	23.02	23.08	23.15	1.0	23.5
			240	0	23.04	23.03	23.12	1.0	23.5
		16QAM	1	0	21.63	21.26	21.34	2.0	22.5
			1	1	22.73	22.90	23.15	1.0	23.5
			1	121	22.98	23.08	23.05	1.0	23.5
			1	240	23.14	23.25	22.91	1.0	23.5
			1	241	21.86	21.46	21.60	2.0	22.5
			120	0	21.43	21.30	21.25	2.0	22.5
			120	61	22.44	22.36	22.28	1.0	23.5
			120	122	21.46	21.47	21.40	2.0	22.5
			240	0	21.36	21.38	21.34	2.0	22.5
		64QAM	1	1	20.72	20.66	20.83	2.5	22.0
		256QAM	1	1	18.92	19.21	19.36	4.5	20.0
	CP-OFDM	QPSK	1	0	20.36	20.33	20.34	3.0	21.5
			1	1	22.41	22.67	22.77	1.5	23.0
			1	121	21.93	22.05	21.97	1.5	23.0
			1	240	22.14	22.13	22.01	1.5	23.0
			1	241	20.61	20.48	20.44	3.0	21.5
			121	0	20.21	20.27	20.25	3.0	21.5
			121	60	21.75	21.82	21.82	1.5	23.0
			121	121	20.37	20.39	20.40	3.0	21.5
			242	0	20.39	20.37	20.36	3.0	21.5
		16QAM	1	0	20.30	20.32	20.98	3.0	21.5
			1	1	21.37	21.31	22.01	2.0	22.5
			1	121	21.49	21.56	21.89	2.0	22.5
			1	240	21.57	21.41	21.45	2.0	22.5
			1	241	20.51	20.56	20.55	3.0	21.5
			121	0	20.30	20.35	20.33	3.0	21.5
			121	60	21.39	21.44	21.42	2.0	22.5
			121	121	20.47	20.54	20.43	3.0	21.5
			242	0	20.37	20.47	20.26	3.0	21.5
		64QAM	1	1	19.62	19.29	19.88	3.5	21.0
		256QAM	1	1	16.58	16.56	16.59	6.5	18.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					346000	349000	352000		
					1730.00 MHz	1745.00 MHz	1760.00 MHz		
40 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.77	22.84	22.95	0.5	24.0
			1	1	23.56	23.70	23.91	0.0	24.5
			1	107	23.70	23.93	23.87	0.0	24.5
			1	214	23.85	23.90	23.79	0.0	24.5
			1	215	23.03	23.02	23.02	0.5	24.0
			108	0	23.26	23.40	23.50	0.5	24.0
			108	54	23.96	24.09	24.04	0.0	24.5
			108	108	23.46	23.48	23.49	0.5	24.0
		QPSK	216	0	23.30	23.41	23.39	0.5	24.0
			1	0	22.34	22.33	22.24	1.0	23.5
			1	1	23.46	23.85	23.84	0.0	24.5
			1	107	23.66	23.74	23.74	0.0	24.5
			1	214	23.81	23.77	23.69	0.0	24.5
			1	215	22.65	22.47	22.33	1.0	23.5
			108	0	22.75	22.84	23.00	1.0	23.5
			108	54	23.80	24.09	23.97	0.0	24.5
			108	108	22.96	22.99	22.98	1.0	23.5
			216	0	22.74	22.91	22.88	1.0	23.5
		16QAM	1	1	22.73	22.92	22.99	1.0	23.5
			1	107	22.79	22.94	22.95	1.0	23.5
			1	214	23.09	23.08	22.90	1.0	23.5
		64QAM	1	1	20.40	20.63	20.96	2.5	22.0
		256QAM	1	1	18.66	18.69	18.86	4.5	20.0
	CP-OFDM	QPSK	1	1	22.20	22.48	22.84	1.5	23.0
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					345500	349000	352500		
					1727.50 MHz	1745.00 MHz	1762.50 MHz		
35 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.81	22.78	22.79	0.5	24.0
			1	1	23.57	23.68	23.91	0.0	24.5
			1	93	23.82	24.01	24.01	0.0	24.5
			1	186	23.95	23.91	23.94	0.0	24.5
			1	187	22.82	22.73	22.81	0.5	24.0
			90	0	23.26	23.35	23.50	0.5	24.0
			90	49	23.94	24.16	24.06	0.0	24.5
			90	98	23.41	23.54	23.44	0.5	24.0
			180	0	23.39	23.44	23.39	0.5	24.0
		QPSK	1	0	22.24	22.08	22.16	1.0	23.5
			1	1	23.46	23.63	23.88	0.0	24.5
			1	93	23.78	23.98	23.84	0.0	24.5
			1	186	23.86	23.82	23.66	0.0	24.5
			1	187	22.31	22.34	22.30	1.0	23.5
			90	0	22.76	22.84	22.94	1.0	23.5
			90	49	23.57	24.11	24.02	0.0	24.5
			90	98	22.98	23.06	23.00	1.0	23.5
			180	0	22.82	22.94	22.89	1.0	23.5
		16QAM	1	1	22.55	22.87	22.92	1.0	23.5
			1	93	22.74	23.12	22.93	1.0	23.5
			1	186	22.96	23.32	22.88	1.0	23.5
		64QAM	1	1	20.42	20.66	20.94	2.5	22.0
		256QAM	1	1	18.52	18.72	18.92	4.5	20.0
	CP-OFDM	QPSK	1	1	22.24	22.49	22.77	1.5	23.0
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					345000	349000	353000		
					1725.00 MHz	1745.00 MHz	1765.00 MHz		
30 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.72	22.72	22.81	0.5	24.0
			1	1	23.64	23.75	24.02	0.0	24.5
			1	79	23.63	24.01	23.77	0.0	24.5
			1	158	23.87	24.28	23.96	0.0	24.5
			1	159	22.84	22.75	22.79	0.5	24.0
			80	0	23.11	23.10	23.04	0.5	24.0
			80	40	24.15	24.16	24.17	0.0	24.5
			80	80	22.95	23.08	23.11	0.5	24.0
			160	0	22.86	23.04	23.14	0.5	24.0
		QPSK	1	0	22.15	22.09	22.24	1.0	23.5
			1	1	22.53	23.09	23.10	0.0	24.5
			1	79	22.79	22.97	23.21	0.0	24.5
			1	158	23.04	23.31	23.15	0.0	24.5
			1	159	22.32	22.26	22.33	1.0	23.5
			80	0	21.52	21.88	21.87	1.0	23.5
			80	40	22.66	23.01	22.99	0.0	24.5
			80	80	21.83	21.99	21.98	1.0	23.5
			160	0	21.76	22.01	22.02	1.0	23.5
		16QAM	1	1	22.75	22.90	23.08	1.0	23.5
			1	79	22.87	22.94	22.90	1.0	23.5
			1	158	22.99	22.87	22.99	1.0	23.5
		64QAM	1	1	20.60	20.53	20.72	2.5	22.0
		256QAM	1	1	18.45	18.91	19.04	4.5	20.0
	CP-OFDM	QPSK	1	1	22.60	22.76	22.94	1.5	23.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					344500	349000	353500		
					1722.50 MHz	1745.00 MHz	1767.50 MHz		
25 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.71	22.74	22.86	0.5	24.0
			1	1	23.70	23.91	24.07	0.0	24.5
			1	66	23.58	24.12	23.84	0.0	24.5
			1	131	23.84	23.97	23.89	0.0	24.5
			1	132	22.86	22.81	22.81	0.5	24.0
			64	0	22.69	23.00	23.15	0.5	24.0
			64	34	23.66	24.19	24.12	0.0	24.5
			64	69	22.83	23.19	23.13	0.5	24.0
			128	0	22.73	22.98	23.11	0.5	24.0
		QPSK	1	0	22.24	22.13	22.25	1.0	23.5
			1	1	22.61	23.05	23.22	0.0	24.5
			1	66	22.47	23.05	23.18	0.0	24.5
			1	131	22.98	23.14	23.16	0.0	24.5
			1	132	22.39	22.14	22.26	1.0	23.5
			64	0	21.44	21.91	21.99	1.0	23.5
			64	34	22.53	23.05	22.99	0.0	24.5
			64	69	21.71	22.03	22.06	1.0	23.5
			128	0	21.63	22.00	22.04	1.0	23.5
		16QAM	1	1	22.89	22.97	23.15	1.0	23.5
			1	66	22.58	23.00	23.16	1.0	23.5
			1	131	22.77	23.06	23.30	1.0	23.5
		64QAM	1	1	20.39	20.65	20.88	2.5	22.0
		256QAM	1	1	18.61	18.83	18.96	4.5	20.0
	CP-OFDM	QPSK	1	1	21.70	22.00	22.34	1.5	23.0
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					344000	349000	354000		
					1720.00 MHz	1745.00 MHz	1770.00 MHz		
20 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.48	22.55	22.56	0.5	24.0
			1	1	23.55	23.95	23.94	0.0	24.5
			1	52	23.53	23.85	23.79	0.0	24.5
			1	104	23.68	23.94	23.89	0.0	24.5
			1	105	22.60	22.67	22.66	0.5	24.0
			50	0	22.53	22.96	23.02	0.5	24.0
			50	28	23.65	24.01	24.01	0.0	24.5
			50	56	22.75	23.01	23.13	0.5	24.0
			100	0	22.63	22.96	22.93	0.5	24.0
		QPSK	1	0	21.98	21.89	21.89	1.0	23.5
			1	1	22.64	23.05	23.24	0.0	24.5
			1	52	22.79	22.95	22.84	0.0	24.5
			1	104	23.05	23.22	22.86	0.0	24.5
			1	105	22.16	22.04	22.07	1.0	23.5
			50	0	21.42	21.82	21.79	1.0	23.5
			50	28	22.45	22.87	22.74	0.0	24.5
			50	56	21.27	21.87	21.94	1.0	23.5
			100	0	21.49	21.92	21.91	1.0	23.5
		16QAM	1	1	22.52	22.97	22.86	1.0	23.5
			1	52	22.39	22.88	23.04	1.0	23.5
			1	104	22.49	22.77	23.01	1.0	23.5
		64QAM	1	1	20.27	20.61	20.72	2.5	22.0
		256QAM	1	1	18.52	18.83	18.94	4.5	20.0
	CP-OFDM	QPSK	1	1	21.53	21.94	22.03	1.5	23.0
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					343500	349000	354500		
					1717.50 MHz	1745.00 MHz	1772.50 MHz		
15 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.68	22.71	22.82	0.5	24.0
			1	1	23.56	24.08	23.92	0.0	24.5
			1	39	23.30	23.80	23.93	0.0	24.5
			1	77	23.38	23.91	23.92	0.0	24.5
			1	78	22.64	22.78	22.79	0.5	24.0
			36	0	22.52	23.00	22.95	0.5	24.0
			36	21	23.63	24.01	24.06	0.0	24.5
			36	43	22.66	23.03	23.09	0.5	24.0
			75	0	22.67	22.97	22.95	0.5	24.0
		QPSK	1	0	22.20	22.10	22.18	1.0	23.5
			1	1	22.73	22.95	23.01	0.0	24.5
			1	39	22.65	22.88	22.89	0.0	24.5
			1	77	22.94	23.16	22.83	0.0	24.5
			1	78	22.29	22.10	22.10	1.0	23.5
			36	0	21.39	21.85	21.74	1.0	23.5
			36	21	22.43	22.77	22.80	0.0	24.5
			36	43	21.53	21.85	21.95	1.0	23.5
			75	0	21.53	21.90	21.84	1.0	23.5
		16QAM	1	1	22.74	23.16	23.15	1.0	23.5
			1	39	22.76	22.79	23.04	1.0	23.5
			1	77	22.69	22.89	22.95	1.0	23.5
		64QAM	1	1	20.53	20.65	20.84	2.5	22.0
		256QAM	1	1	18.56	18.92	18.97	4.5	20.0
	CP-OFDM	QPSK	1	1	21.62	22.03	22.12	1.5	23.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					343000	349000	355000		
					1715.00 MHz	1745.00 MHz	1775.00 MHz		
10 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.48	22.54	22.61	0.5	24.0
			1	1	23.54	24.08	23.71	0.0	24.5
			1	25	23.50	24.06	23.66	0.0	24.5
			1	50	23.48	23.95	23.91	0.0	24.5
			1	51	22.53	22.53	22.62	0.5	24.0
			25	0	22.57	23.02	22.92	0.5	24.0
			25	13	23.58	23.93	23.92	0.0	24.5
			25	27	22.68	23.11	22.99	0.5	24.0
			50	0	22.65	23.02	22.92	0.5	24.0
		QPSK	1	0	22.20	22.08	22.12	1.0	23.5
			1	1	22.70	23.03	23.11	0.0	24.5
			1	25	22.56	23.10	22.88	0.0	24.5
			1	50	22.77	23.20	22.60	0.0	24.5
			1	51	22.11	22.10	22.10	1.0	23.5
			25	0	21.40	21.85	21.65	1.0	23.5
			25	13	22.59	22.89	22.76	0.0	24.5
			25	27	21.58	22.09	21.85	1.0	23.5
			50	0	21.55	21.88	21.79	1.0	23.5
		16QAM	1	1	22.91	23.12	22.99	1.0	23.5
			1	25	22.68	23.01	22.92	1.0	23.5
			1	50	22.64	22.90	22.75	1.0	23.5
		64QAM	1	1	20.44	20.78	20.78	2.5	22.0
		256QAM	1	1	18.43	18.88	18.79	4.5	20.0
	CP-OFDM	QPSK	1	1	21.65	22.16	21.89	1.5	23.0
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					342500	349000	355500		
					1712.50 MHz	1745.00 MHz	1777.50 MHz		
5 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.60	22.68	22.73	0.5	24.0
			1	1	23.50	24.03	23.83	0.0	24.5
			1	13	23.55	24.17	23.92	0.0	24.5
			1	23	23.49	24.14	23.97	0.0	24.5
			1	24	22.58	22.67	22.72	0.5	24.0
			12	0	22.53	22.99	22.93	0.5	24.0
			12	6	23.50	24.12	23.95	0.0	24.5
			12	13	22.62	23.06	22.92	0.5	24.0
			25	0	22.54	23.06	22.96	0.5	24.0
		QPSK	1	0	22.20	22.09	22.12	1.0	23.5
			1	1	22.63	23.13	23.01	0.0	24.5
			1	13	22.57	23.13	22.93	0.0	24.5
			1	23	22.63	23.09	22.73	0.0	24.5
			1	24	22.10	22.08	22.09	1.0	23.5
			12	0	21.35	21.78	21.73	1.0	23.5
			12	6	22.33	23.05	22.79	0.0	24.5
			12	13	21.48	22.04	21.95	1.0	23.5
			25	0	21.45	22.02	21.92	1.0	23.5
		16QAM	1	1	22.72	23.19	23.40	1.0	23.5
			1	13	22.60	23.11	23.27	1.0	23.5
			1	23	22.59	22.94	22.86	1.0	23.5
		64QAM	1	1	20.46	20.80	20.90	2.5	22.0
		256QAM	1	1	18.42	18.81	18.86	4.5	20.0
	CP-OFDM	QPSK	1	1	21.53	22.03	22.02	1.5	23.0

NR Band n66 (ANT F)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)				
					Measured Pwr (dBm)			MPR	Tune-up Limit
					346500	349000	351500		
					1732.50 MHz	1745.00 MHz	1757.50 MHz		
45 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.84	23.01	23.05	0.5	24.0
			1	1	23.59	23.71	23.63	0.0	24.5
			1	121	23.68	23.67	23.58	0.0	24.5
			1	240	23.70	23.71	23.72	0.0	24.5
			1	241	23.00	23.10	23.08	0.5	24.0
			120	0	23.05	23.15	23.25	0.5	24.0
			120	61	23.59	23.75	23.61	0.0	24.5
			120	122	23.09	23.22	23.10	0.5	24.0
		QPSK	240	0	23.02	23.13	23.20	0.5	24.0
			1	0	21.93	22.09	22.19	1.0	23.5
			1	1	23.62	23.66	23.60	0.0	24.5
			1	121	23.50	23.65	23.54	0.0	24.5
			1	240	23.61	23.65	23.60	0.0	24.5
			1	241	22.25	22.41	22.25	1.0	23.5
			120	0	22.51	22.74	22.79	1.0	23.5
			120	61	23.53	23.67	23.63	0.0	24.5
			120	122	22.66	22.69	22.66	1.0	23.5
		16QAM	240	0	22.60	22.69	22.67	1.0	23.5
			1	0	21.29	21.03	21.43	2.0	22.5
			1	1	22.56	22.66	22.79	1.0	23.5
			1	121	22.77	22.91	22.92	1.0	23.5
			1	240	22.78	23.00	22.64	1.0	23.5
			1	241	21.33	21.33	21.35	2.0	22.5
			120	0	21.22	21.27	21.27	2.0	22.5
			120	61	22.29	22.35	22.29	1.0	23.5
			120	122	21.37	21.35	21.26	2.0	22.5
		64QAM	240	0	21.28	21.55	21.09	2.0	22.5
			1	1	20.52	20.43	21.08	2.5	22.0
		256QAM	1	1	18.50	18.38	19.05	4.5	20.0
	CP-OFDM	QPSK	1	0	19.91	19.94	20.46	3.0	21.5
			1	1	22.03	22.13	22.63	1.5	23.0
			1	121	21.91	22.05	21.96	1.5	23.0
			1	240	22.09	22.09	21.94	1.5	23.0
			1	241	20.29	20.27	20.18	3.0	21.5
			121	0	20.11	20.26	20.28	3.0	21.5
			121	60	21.81	21.96	21.96	1.5	23.0
			121	121	20.25	20.33	20.17	3.0	21.5
		16QAM	242	0	20.26	20.26	20.20	3.0	21.5
			1	0	20.10	20.45	20.48	3.0	21.5
			1	1	21.25	21.60	21.35	2.0	22.5
			1	121	21.01	21.72	21.22	2.0	22.5
			1	240	21.23	21.45	21.19	2.0	22.5
			1	241	20.89	20.53	19.97	3.0	21.5
			121	0	20.08	20.26	20.24	3.0	21.5
			121	60	21.25	21.36	21.44	2.0	22.5
			121	121	20.23	20.34	20.26	3.0	21.5
			242	0	20.26	20.33	20.27	3.0	21.5
		64QAM	1	1	19.32	19.16	19.60	3.5	21.0
		256QAM	1	1	16.77	17.00	17.32	6.5	18.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					346000	349000	352000		
					1730.00 MHz	1745.00 MHz	1760.00 MHz		
40 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.39	22.38	22.36	0.5	24.0
			1	1	23.43	23.46	23.57	0.0	24.5
			1	107	23.37	23.47	23.42	0.0	24.5
			1	214	23.75	23.65	23.57	0.0	24.5
			1	215	22.45	22.38	22.45	0.5	24.0
			108	0	22.86	23.08	23.04	0.5	24.0
			108	54	23.54	23.75	23.56	0.0	24.5
			108	108	23.01	23.08	22.91	0.5	24.0
		QPSK	216	0	23.06	23.16	23.01	0.5	24.0
			1	0	21.78	21.73	21.91	1.0	23.5
			1	1	23.32	23.45	23.63	0.0	24.5
			1	107	23.34	23.49	23.37	0.0	24.5
			1	214	23.64	23.57	23.44	0.0	24.5
			1	215	21.90	21.96	21.89	1.0	23.5
			108	0	22.42	22.53	22.52	1.0	23.5
			108	54	23.53	23.59	23.63	0.0	24.5
			108	108	22.47	22.55	22.41	1.0	23.5
			216	0	22.53	22.64	22.65	1.0	23.5
		16QAM	1	1	22.45	22.41	22.52	1.0	23.5
			1	107	22.41	22.79	22.54	1.0	23.5
			1	214	22.85	22.84	22.02	1.0	23.5
		64QAM	1	1	20.47	20.50	20.64	2.5	22.0
		256QAM	1	1	18.46	18.49	18.59	4.5	20.0
	CP-OFDM	QPSK	1	1	21.87	22.12	22.10	1.5	23.0
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					345500	349000	352500		
					1727.50 MHz	1745.00 MHz	1762.50 MHz		
35 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.38	22.41	22.41	0.5	24.0
			1	1	23.33	23.50	23.44	0.0	24.5
			1	93	23.44	23.70	23.38	0.0	24.5
			1	186	23.57	23.63	23.50	0.0	24.5
			1	187	22.56	22.55	22.50	0.5	24.0
			90	0	22.86	23.06	23.06	0.5	24.0
			90	49	23.59	23.69	23.59	0.0	24.5
			90	98	23.06	23.09	22.93	0.5	24.0
			180	0	23.00	23.02	23.02	0.5	24.0
		QPSK	1	0	21.92	22.00	21.95	1.0	23.5
			1	1	23.30	23.52	23.39	0.0	24.5
			1	93	23.43	23.62	23.31	0.0	24.5
			1	186	23.50	23.57	23.40	0.0	24.5
			1	187	22.04	22.01	21.98	1.0	23.5
			90	0	22.44	22.53	22.53	1.0	23.5
			90	49	23.53	23.73	23.63	0.0	24.5
			90	98	22.53	22.58	22.49	1.0	23.5
			180	0	22.49	22.50	22.49	1.0	23.5
		16QAM	1	1	22.37	22.69	22.88	1.0	23.5
			1	93	22.43	22.82	22.54	1.0	23.5
			1	186	22.68	22.80	22.55	1.0	23.5
		64QAM	1	1	20.51	20.77	20.72	2.5	22.0
		256QAM	1	1	18.48	18.75	18.68	4.5	20.0
	CP-OFDM	QPSK	1	1	22.03	22.34	22.30	1.5	23.0
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					345000	349000	353000		
					1725.00 MHz	1745.00 MHz	1765.00 MHz		
30 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.31	22.38	22.42	0.5	24.0
			1	1	23.47	23.57	23.82	0.0	24.5
			1	79	23.41	23.67	23.57	0.0	24.5
			1	158	23.63	23.67	23.61	0.0	24.5
			1	159	22.57	22.53	22.53	0.5	24.0
			80	0	22.89	23.02	23.11	0.5	24.0
			80	40	23.56	23.68	23.71	0.0	24.5
			80	80	22.96	23.10	23.02	0.5	24.0
			160	0	22.96	23.01	23.02	0.5	24.0
		QPSK	1	0	21.86	21.94	21.90	1.0	23.5
			1	1	23.26	23.58	23.85	0.0	24.5
			1	79	23.42	23.58	23.53	0.0	24.5
			1	158	23.65	23.69	23.54	0.0	24.5
			1	159	22.07	22.03	21.97	1.0	23.5
			80	0	22.45	22.60	22.59	1.0	23.5
			80	40	23.60	23.62	23.68	0.0	24.5
			80	80	22.43	22.58	22.50	1.0	23.5
			160	0	22.54	22.61	22.60	1.0	23.5
		16QAM	1	1	22.51	22.59	22.80	1.0	23.5
			1	79	22.63	22.80	22.61	1.0	23.5
			1	158	22.70	22.69	22.67	1.0	23.5
		64QAM	1	1	20.51	20.62	20.62	2.5	22.0
		256QAM	1	1	18.47	18.59	18.61	4.5	20.0
	CP-OFDM	QPSK	1	1	22.28	22.33	22.28	1.5	23.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					344500	349000	353500		
					1722.50 MHz	1745.00 MHz	1767.50 MHz		
25 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.38	22.41	22.34	0.5	24.0
			1	1	23.44	23.62	23.72	0.0	24.5
			1	66	23.44	23.62	23.52	0.0	24.5
			1	131	23.48	23.66	23.47	0.0	24.5
			1	132	22.43	22.40	22.45	0.5	24.0
			64	0	22.83	23.03	23.07	0.5	24.0
			64	34	23.52	23.78	23.65	0.0	24.5
			64	69	22.93	23.10	22.99	0.5	24.0
		QPSK	128	0	22.86	23.01	23.02	0.5	24.0
			1	0	21.93	21.91	21.92	1.0	23.5
			1	1	23.30	23.61	23.69	0.0	24.5
			1	66	23.36	23.64	23.54	0.0	24.5
			1	131	23.48	23.61	23.49	0.0	24.5
			1	132	21.89	21.93	21.91	1.0	23.5
			64	0	22.39	22.51	22.55	1.0	23.5
			64	34	23.44	23.72	23.60	0.0	24.5
			64	69	22.39	22.57	22.47	1.0	23.5
			128	0	22.34	22.51	22.52	1.0	23.5
		16QAM	1	1	22.46	22.84	22.82	1.0	23.5
			1	66	22.64	22.80	22.53	1.0	23.5
			1	131	22.46	22.55	22.58	1.0	23.5
		64QAM	1	1	20.49	20.79	20.91	2.5	22.0
		256QAM	1	1	18.48	18.77	18.90	4.5	20.0
	CP-OFDM	QPSK	1	1	22.61	22.45	22.47	1.5	23.0
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					344000	349000	354000		
					1720.00 MHz	1745.00 MHz	1770.00 MHz		
20 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.08	22.11	22.10	0.5	24.0
			1	1	23.23	23.57	23.43	0.0	24.5
			1	52	23.52	23.54	23.37	0.0	24.5
			1	104	23.19	23.35	23.40	0.0	24.5
			1	105	22.20	22.26	22.13	0.5	24.0
			50	0	22.80	23.02	22.95	0.5	24.0
			50	28	23.33	23.59	23.39	0.0	24.5
			50	56	22.79	22.91	22.86	0.5	24.0
		QPSK	100	0	22.91	23.05	22.90	0.5	24.0
			1	0	21.65	21.61	21.65	1.0	23.5
			1	1	23.29	23.49	23.44	0.0	24.5
			1	52	23.48	23.53	23.45	0.0	24.5
			1	104	23.22	23.40	23.31	0.0	24.5
			1	105	21.73	21.71	21.69	1.0	23.5
			50	0	22.31	22.49	22.42	1.0	23.5
			50	28	23.42	23.56	23.47	0.0	24.5
			50	56	22.32	22.52	22.35	1.0	23.5
			100	0	22.46	22.65	22.40	1.0	23.5
		16QAM	1	1	22.39	22.58	22.48	1.0	23.5
			1	52	22.19	22.72	22.45	1.0	23.5
			1	104	22.42	22.51	22.38	1.0	23.5
		64QAM	1	1	20.42	20.71	20.57	2.5	22.0
		256QAM	1	1	18.39	18.67	18.52	4.5	20.0
	CP-OFDM	QPSK	1	1	22.02	22.26	22.14	1.5	23.0
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					343500	349000	354500		
					1717.50 MHz	1745.00 MHz	1772.50 MHz		
15 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.23	22.16	22.20	0.5	24.0
			1	1	23.40	23.44	23.54	0.0	24.5
			1	39	23.34	23.50	23.37	0.0	24.5
			1	77	23.51	23.48	23.44	0.0	24.5
			1	78	22.15	22.14	22.31	0.5	24.0
			36	0	22.83	23.07	22.91	0.5	24.0
			36	21	23.35	23.61	23.39	0.0	24.5
			36	43	22.85	23.01	22.80	0.5	24.0
		QPSK	75	0	22.78	23.04	22.88	0.5	24.0
			1	0	21.69	21.76	21.63	1.0	23.5
			1	1	23.40	23.46	23.47	0.0	24.5
			1	39	23.32	23.53	23.30	0.0	24.5
			1	77	23.66	23.50	23.35	0.0	24.5
			1	78	21.72	21.70	21.75	1.0	23.5
			36	0	22.30	22.48	22.37	1.0	23.5
			36	21	23.40	23.58	23.44	0.0	24.5
			36	43	22.44	22.57	22.28	1.0	23.5
		16QAM	75	0	22.27	22.52	22.33	1.0	23.5
			1	1	22.56	22.81	22.56	1.0	23.5
			1	39	22.39	22.79	22.51	1.0	23.5
		64QAM	1	77	22.54	22.73	22.51	1.0	23.5
			1	1	20.46	20.84	20.51	2.5	22.0
		256QAM	1	1	18.45	18.80	18.48	4.5	20.0
	CP-OFDM	QPSK	1	1	22.01	22.39	22.26	1.5	23.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					343000	349000	355000		
					1715.00 MHz	1745.00 MHz	1775.00 MHz		
10 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.11	22.13	22.12	0.5	24.0
			1	1	23.33	23.42	23.48	0.0	24.5
			1	25	23.23	23.51	23.48	0.0	24.5
			1	50	23.54	23.56	23.41	0.0	24.5
			1	51	22.19	22.23	22.21	0.5	24.0
			25	0	22.88	22.93	22.86	0.5	24.0
			25	13	23.41	23.47	23.46	0.0	24.5
			25	27	22.81	22.92	22.91	0.5	24.0
			50	0	22.84	22.88	22.85	0.5	24.0
		QPSK	1	0	21.69	21.62	21.69	1.0	23.5
			1	1	23.24	23.30	23.42	0.0	24.5
			1	25	23.35	23.45	23.38	0.0	24.5
			1	50	23.46	23.48	23.30	0.0	24.5
			1	51	21.82	21.66	21.74	1.0	23.5
			25	0	22.33	22.41	22.46	1.0	23.5
			25	13	23.45	23.43	23.42	0.0	24.5
			25	27	22.30	22.40	22.42	1.0	23.5
			50	0	22.33	22.37	22.38	1.0	23.5
		16QAM	1	1	22.45	22.56	22.66	1.0	23.5
			1	25	22.33	22.51	22.65	1.0	23.5
			1	50	22.54	22.67	22.38	1.0	23.5
		64QAM	1	1	20.51	20.64	20.64	2.5	22.0
		256QAM	1	1	18.49	18.61	18.59	4.5	20.0
	CP-OFDM	QPSK	1	1	22.19	22.08	22.02	1.5	23.0
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					342500	349000	355500		
					1712.50 MHz	1745.00 MHz	1777.50 MHz		
5 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.56	22.95	22.90	0.5	24.0
			1	1	23.20	23.36	23.32	0.0	24.5
			1	13	23.23	23.58	23.46	0.0	24.5
			1	23	23.17	23.50	23.33	0.0	24.5
			1	24	22.58	22.94	22.57	0.5	24.0
			12	0	22.77	22.93	22.84	0.5	24.0
			12	6	23.34	23.57	23.47	0.0	24.5
			12	13	22.70	23.00	22.83	0.5	24.0
		QPSK	25	0	22.75	22.97	22.84	0.5	24.0
			1	0	22.18	22.16	22.39	1.0	23.5
			1	1	23.17	23.34	23.30	0.0	24.5
			1	13	23.21	23.51	23.41	0.0	24.5
			1	23	23.15	23.40	23.30	0.0	24.5
			1	24	22.12	22.30	22.35	1.0	23.5
			12	0	22.31	22.47	22.37	1.0	23.5
			12	6	23.42	23.57	23.38	0.0	24.5
			12	13	22.21	22.44	22.36	1.0	23.5
		16QAM	25	0	22.25	22.47	22.38	1.0	23.5
			1	1	22.48	22.52	22.52	1.0	23.5
			1	13	22.49	22.62	22.51	1.0	23.5
			1	23	22.49	22.67	22.29	1.0	23.5
		64QAM	1	1	20.44	20.65	20.55	2.5	22.0
		256QAM	1	1	18.41	18.62	18.54	4.5	20.0
	CP-OFDM	QPSK	1	1	22.12	22.17	22.19	1.5	23.0

NR Band n70 (ANT A)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)				
					Measured Pwr (dBm)		MPR	Tune-up Limit	
					340500	1702.50 MHz			
15 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0		22.70		0.5	24.0
			1	1		23.56		0.0	24.5
			1	39		23.68		0.0	24.5
			1	77		23.78		0.0	24.5
			1	78		22.80		0.5	24.0
			36	0		23.19		0.5	24.0
			36	21		23.85		0.0	24.5
			36	43		23.26		0.5	24.0
			75	0		23.27		0.5	24.0
		QPSK	1	0		22.27		1.0	23.5
			1	1		23.67		0.0	24.5
			1	39		23.62		0.0	24.5
			1	77		23.53		0.0	24.5
			1	78		22.28		1.0	23.5
			36	0		22.69		1.0	23.5
			36	21		23.79		0.0	24.5
			36	43		22.76		1.0	23.5
			75	0		22.79		1.0	23.5
		16QAM	1	0		21.29		2.0	22.5
			1	1		22.72		1.0	23.5
			1	39		22.62		1.0	23.5
			1	77		22.65		1.0	23.5
			1	78		21.22		2.0	22.5
			36	0		21.26		2.0	22.5
			36	21		22.21		1.0	23.5
			36	43		21.23		2.0	22.5
			75	0		21.25		2.0	22.5
		64QAM	1	1		20.41		2.5	22.0
		256QAM	1	1		18.58		4.5	20.0
	CP-OFDM	QPSK	1	0		20.40		3.0	21.5
			1	1		22.45		1.5	23.0
			1	39		21.88		1.5	23.0
			1	77		21.89		1.5	23.0
			1	78		20.32		3.0	21.5
			36	0		20.31		3.0	21.5
			36	21		21.73		1.5	23.0
			36	43		20.37		3.0	21.5
			75	0		20.27		3.0	21.5
		16QAM	1	0		20.79		3.0	21.5
			1	1		21.88		2.0	22.5
			1	39		21.93		2.0	22.5
			1	77		21.93		2.0	22.5
			1	78		20.94		3.0	21.5
			36	0		20.32		3.0	21.5
			36	21		21.37		2.0	22.5
			36	43		20.31		3.0	21.5
			75	0		20.26		3.0	21.5
		64QAM	1	1		19.43		3.5	21.0
		256QAM	1	1		17.00		6.5	18.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					340000	340500	341000		
					1700.00 MHz	1702.50 MHz	1705.00 MHz		
10 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.74	22.78	22.86	0.5	24.0
			1	1	23.55	23.51	23.71	0.0	24.5
			1	25	23.64	23.68	23.80	0.0	24.5
			1	50	23.74	23.75	23.75	0.0	24.5
			1	51	22.79	22.73	22.83	0.5	24.0
			25	0	23.18	23.34	23.30	0.5	24.0
			25	13	23.83	23.82	23.76	0.0	24.5
			25	27	23.34	23.34	23.32	0.5	24.0
			50	0	23.33	23.28	23.36	0.5	24.0
		QPSK	1	0	22.23	22.22	22.29	1.0	23.5
			1	1	23.49	23.49	23.48	0.0	24.5
			1	25	23.62	23.65	23.69	0.0	24.5
			1	50	23.64	23.71	23.62	0.0	24.5
			1	51	22.33	22.27	22.24	1.0	23.5
			25	0	22.73	22.67	22.85	1.0	23.5
			25	13	23.68	23.70	23.72	0.0	24.5
			25	27	22.79	22.81	22.86	1.0	23.5
			50	0	22.76	22.80	22.79	1.0	23.5
		16QAM	1	1	22.78	22.80	22.79	1.0	23.5
			1	25	22.72	22.69	22.64	1.0	23.5
			1	50	22.74	22.66	22.70	1.0	23.5
		64QAM	1	1	20.38	20.49	20.51	2.5	22.0
		256QAM	1	1	18.68	18.56	18.76	4.5	20.0
	CP-OFDM	QPSK	1	1	22.34	22.43	22.48	1.5	23.0
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					339500	340500	341500		
					1697.50 MHz	1702.50 MHz	1707.50 MHz		
5 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.78	22.78	22.91	0.5	24.0
			1	1	23.66	23.69	23.82	0.0	24.5
			1	12	23.64	23.68	23.75	0.0	24.5
			1	23	23.85	23.75	23.81	0.0	24.5
			1	24	22.85	22.85	22.91	0.5	24.0
			12	0	23.05	23.16	23.22	0.5	24.0
			12	6	23.74	23.73	23.84	0.0	24.5
			12	13	23.25	23.23	23.32	0.5	24.0
			25	0	23.21	23.26	23.35	0.5	24.0
		QPSK	1	0	22.31	22.26	22.30	1.0	23.5
			1	1	23.60	23.70	23.71	0.0	24.5
			1	12	23.53	23.67	23.70	0.0	24.5
			1	23	23.68	23.71	23.73	0.0	24.5
			1	24	22.34	22.31	22.28	1.0	23.5
			12	0	22.57	22.64	22.74	1.0	23.5
			12	6	23.75	23.80	23.74	0.0	24.5
			12	13	22.65	22.73	22.74	1.0	23.5
			25	0	22.75	22.77	22.78	1.0	23.5
		16QAM	1	1	22.87	22.65	22.84	1.0	23.5
			1	12	22.64	22.79	22.66	1.0	23.5
			1	23	22.92	22.70	22.79	1.0	23.5
		64QAM	1	1	20.54	20.68	20.63	2.5	22.0
		256QAM	1	1	18.62	18.66	18.65	4.5	20.0
	CP-OFDM	QPSK	1	1	22.56	22.46	22.45	1.5	23.0

NR Band n70 (ANT F)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)				
					Measured Pwr (dBm)		MPR	Tune-up Limit	
					340500	1702.50 MHz			
15 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0		22.50		0.5	24.0
			1	1		23.61		0.0	24.5
			1	39		23.68		0.0	24.5
			1	77		23.46		0.0	24.5
			1	78		22.52		0.5	24.0
			36	0		23.01		0.5	24.0
			36	21		23.74		0.0	24.5
			36	43		23.06		0.5	24.0
			75	0		23.04		0.5	24.0
		QPSK	1	0		21.78		1.0	23.5
			1	1		23.67		0.0	24.5
			1	39		23.61		0.0	24.5
			1	77		23.44		0.0	24.5
			1	78		22.02		1.0	23.5
			36	0		22.55		1.0	23.5
			36	21		23.84		0.0	24.5
			36	43		22.52		1.0	23.5
			75	0		22.52		1.0	23.5
		16QAM	1	0		20.87		2.0	22.5
			1	1		22.32		1.0	23.5
			1	39		22.77		1.0	23.5
			1	77		22.47		1.0	23.5
			1	78		20.83		2.0	22.5
			36	0		21.02		2.0	22.5
			36	21		21.98		1.0	23.5
			36	43		20.96		2.0	22.5
			75	0		20.98		2.0	22.5
		64QAM	1	1		20.71		2.5	22.0
		256QAM	1	1		18.68		4.5	20.0
	CP-OFDM	QPSK	1	0		19.70		3.0	21.5
			1	1		22.47		1.5	23.0
			1	39		21.52		1.5	23.0
			1	77		21.52		1.5	23.0
			1	78		19.94		3.0	21.5
			36	0		19.99		3.0	21.5
			36	21		21.72		1.5	23.0
			36	43		20.01		3.0	21.5
			75	0		20.02		3.0	21.5
		16QAM	1	0		19.43		3.0	21.5
			1	1		21.02		2.0	22.5
			1	39		21.06		2.0	22.5
			1	77		21.10		2.0	22.5
			1	78		20.00		3.0	21.5
			36	0		20.19		3.0	21.5
			36	21		21.20		2.0	22.5
			36	43		20.11		3.0	21.5
			75	0		20.07		3.0	21.5
		64QAM	1	1		19.54		3.5	21.0
		256QAM	1	1		16.41		6.5	18.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					340000	340500	341000		
					1700.00 MHz	1702.50 MHz	1705.00 MHz		
10 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.47	22.37	22.31	0.5	24.0
			1	1	23.61	23.57	23.57	0.0	24.5
			1	25	23.73	23.56	23.64	0.0	24.5
			1	50	23.57	23.56	23.56	0.0	24.5
			1	51	22.37	22.43	22.39	0.5	24.0
			25	0	23.14	23.11	23.13	0.5	24.0
			25	13	23.66	23.66	23.65	0.0	24.5
			25	27	23.14	23.00	23.14	0.5	24.0
			50	0	23.10	23.10	23.09	0.5	24.0
		QPSK	1	0	21.89	21.85	21.97	1.0	23.5
			1	1	23.53	23.58	23.54	0.0	24.5
			1	25	23.64	23.49	23.51	0.0	24.5
			1	50	23.50	23.52	23.49	0.0	24.5
			1	51	21.89	22.08	22.26	1.0	23.5
			25	0	22.63	22.57	22.60	1.0	23.5
			25	13	23.71	23.59	23.68	0.0	24.5
			25	27	22.60	22.58	22.61	1.0	23.5
			50	0	22.58	22.51	22.58	1.0	23.5
		16QAM	1	1	22.72	22.66	22.68	1.0	23.5
			1	25	22.85	22.68	22.57	1.0	23.5
			1	50	22.70	22.64	22.59	1.0	23.5
		64QAM	1	1	20.93	20.67	20.84	2.5	22.0
		256QAM	1	1	18.90	18.64	18.83	4.5	20.0
	CP-OFDM	QPSK	1	1	22.49	22.40	22.51	1.5	23.0
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					339500	340500	341500		
					1697.50 MHz	1702.50 MHz	1707.50 MHz		
5 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.30	22.29	22.50	0.5	24.0
			1	1	23.53	23.51	23.51	0.0	24.5
			1	12	23.64	23.51	23.73	0.0	24.5
			1	23	23.62	23.49	23.46	0.0	24.5
			1	24	22.40	22.51	22.30	0.5	24.0
			12	0	23.16	23.02	23.06	0.5	24.0
			12	6	23.66	23.67	23.67	0.0	24.5
			12	13	23.11	23.05	23.11	0.5	24.0
			25	0	23.08	23.03	23.05	0.5	24.0
		QPSK	1	0	21.87	21.84	22.11	1.0	23.5
			1	1	23.49	23.53	23.51	0.0	24.5
			1	12	23.49	23.54	23.74	0.0	24.5
			1	23	23.60	23.51	23.39	0.0	24.5
			1	24	22.21	21.90	21.92	1.0	23.5
			12	0	22.62	22.59	22.56	1.0	23.5
			12	6	23.68	23.68	23.71	0.0	24.5
			12	13	22.68	22.62	22.51	1.0	23.5
			25	0	22.65	22.52	22.53	1.0	23.5
		16QAM	1	1	22.77	22.86	22.69	1.0	23.5
			1	12	22.69	22.80	22.81	1.0	23.5
			1	23	22.86	22.81	22.61	1.0	23.5
		64QAM	1	1	20.87	20.93	20.88	2.5	22.0
		256QAM	1	1	18.84	18.88	18.86	4.5	20.0
	CP-OFDM	QPSK	1	1	22.51	22.46	22.45	1.5	23.0

NR Band n71 (ANT A)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)				
					Measured Pwr (dBm)		MPR	Tune-up Limit	
					136100	680.50 MHz			
35 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.73		0.5	24.5	
			1	1	23.65		0.0	25.0	
			1	93	23.80		0.0	25.0	
			1	186	23.89		0.0	25.0	
			1	187	23.25		0.5	24.5	
			90	0	22.79		0.5	24.5	
			90	49	23.91		0.0	25.0	
			90	98	22.94		0.5	24.5	
			180	0	22.84		0.5	24.5	
		QPSK	1	0	22.27		1.0	24.0	
			1	1	22.92		0.0	25.0	
			1	93	22.99		0.0	25.0	
			1	186	22.92		0.0	25.0	
			1	187	22.81		1.0	24.0	
			90	0	21.76		1.0	24.0	
			90	49	22.84		0.0	25.0	
			90	98	21.93		1.0	24.0	
			180	0	21.79		1.0	24.0	
		16QAM	1	0	21.59		2.0	23.0	
			1	1	22.22		1.0	24.0	
			1	93	22.55		1.0	24.0	
			1	186	22.31		1.0	24.0	
			1	187	22.04		2.0	23.0	
			90	0	21.64		2.0	23.0	
			90	49	22.77		1.0	24.0	
			90	98	21.77		2.0	23.0	
			180	0	21.67		2.0	23.0	
		64QAM	1	1	20.15		2.5	22.5	
		256QAM	1	1	18.90		4.5	20.5	
	CP-OFDM	QPSK	1	0	20.21		3.0	22.0	
			1	1	21.68		1.5	23.5	
			1	93	22.14		1.5	23.5	
			1	186	22.26		1.5	23.5	
			1	187	20.47		3.0	22.0	
			94	0	20.59		3.0	22.0	
			94	49	20.67		1.5	23.5	
			94	94	20.82		3.0	22.0	
			188	0	20.71		3.0	22.0	
		16QAM	1	0	20.35		3.0	22.0	
			1	1	21.70		2.0	23.0	
			1	93	22.05		2.0	23.0	
			1	186	20.81		2.0	23.0	
			1	187	20.62		3.0	22.0	
			94	0	20.48		3.0	22.0	
			94	49	20.57		2.0	23.0	
			94	94	20.71		3.0	22.0	
			188	0	20.66		3.0	22.0	
		64QAM	1	1	20.35		3.5	21.5	
		256QAM	1	1	17.37		6.5	18.5	

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					134600	136100	136600		
					678.00 MHz	680.50 MHz	683.00 MHz		
30 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.55	22.52	22.25	0.5	24.5
			1	1	23.61	23.77	23.48	0.0	25.0
			1	79	23.88	23.92	23.71	0.0	25.0
			1	158	24.06	24.04	24.00	0.0	25.0
			1	159	23.08	23.25	23.04	0.5	24.5
			80	0	23.13	22.77	23.13	0.5	24.5
			80	40	23.75	23.99	23.78	0.0	25.0
			80	80	23.25	22.83	23.36	0.5	24.5
		QPSK	160	0	23.10	22.89	23.19	0.5	24.5
			1	0	22.40	21.93	21.67	1.0	24.0
			1	1	22.80	22.87	23.20	0.0	25.0
			1	79	24.17	22.85	23.48	0.0	25.0
			1	158	24.31	23.04	23.55	0.0	25.0
			1	159	23.09	22.95	22.23	1.0	24.0
			80	0	22.70	21.76	22.56	1.0	24.0
			80	40	23.77	22.84	23.95	0.0	25.0
			80	80	22.91	21.93	22.84	1.0	24.0
			160	0	22.66	21.80	22.65	1.0	24.0
		16QAM	1	1	22.52	22.28	22.61	1.0	24.0
			1	79	22.81	22.32	22.89	1.0	24.0
			1	158	22.85	22.46	23.01	1.0	24.0
		64QAM	1	1	21.21	20.11	21.81	2.5	22.5
		256QAM	1	1	18.53	18.87	19.19	4.5	20.5
	CP-OFDM	QPSK	1	1	21.81	21.82	22.23	1.5	23.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					134600	136100	136600		
					678.00 MHz	680.50 MHz	683.00 MHz		
25 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.76	22.41	22.88	0.5	24.5
			1	1	23.84	23.84	23.74	0.0	25.0
			1	66	23.98	23.88	24.04	0.0	25.0
			1	131	23.92	23.93	23.85	0.0	25.0
			1	132	23.27	22.96	23.18	0.5	24.5
			64	0	23.14	22.74	23.40	0.5	24.5
			64	34	23.77	23.91	24.08	0.0	25.0
			64	69	23.36	22.87	23.47	0.5	24.5
		QPSK	128	0	23.17	22.82	23.40	0.5	24.5
			1	0	21.83	22.08	21.98	1.0	24.0
			1	1	23.51	22.98	23.57	0.0	25.0
			1	66	23.62	22.96	23.74	0.0	25.0
			1	131	23.92	22.86	23.65	0.0	25.0
			1	132	22.60	22.74	22.35	1.0	24.0
			64	0	22.65	21.74	22.89	1.0	24.0
			64	34	23.75	22.84	24.09	0.0	25.0
			64	69	22.77	21.89	23.02	1.0	24.0
			128	0	22.54	21.82	22.81	1.0	24.0
		16QAM	1	1	22.78	22.33	23.09	1.0	24.0
			1	66	22.95	22.36	23.39	1.0	24.0
			1	131	23.07	22.39	23.36	1.0	24.0
		64QAM	1	1	21.47	20.42	20.97	2.5	22.5
		256QAM	1	1	19.02	18.87	19.53	4.5	20.5
	CP-OFDM	QPSK	1	1	22.57	21.97	22.74	1.5	23.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					134600	136100	137600		
					673.00 MHz	680.50 MHz	688.00 MHz		
20 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	23.04	23.07	23.19	0.5	24.5
			1	1	23.80	23.82	23.79	0.0	25.0
			1	52	23.76	23.81	23.87	0.0	25.0
			1	104	23.80	23.81	23.72	0.0	25.0
			1	105	22.98	23.07	23.19	0.5	24.5
			50	0	22.71	22.82	22.92	0.5	24.5
			50	28	23.85	24.00	24.04	0.0	25.0
			50	56	22.82	22.90	22.81	0.5	24.5
		QPSK	100	0	22.95	22.94	23.13	0.5	24.5
			1	0	22.59	22.51	22.61	1.0	24.0
			1	1	22.75	22.69	22.91	0.0	25.0
			1	52	22.78	22.82	23.04	0.0	25.0
			1	104	22.89	22.91	22.87	0.0	25.0
			1	105	22.55	22.47	22.58	1.0	24.0
			50	0	21.67	21.88	21.94	1.0	24.0
			50	28	22.80	22.89	22.99	0.0	25.0
			50	56	21.81	21.87	21.80	1.0	24.0
		16QAM	100	0	21.81	21.94	22.06	1.0	24.0
			1	1	22.89	22.92	23.12	1.0	24.0
			1	52	22.84	22.97	23.10	1.0	24.0
		64QAM	1	104	23.18	22.92	22.87	1.0	24.0
		256QAM	1	1	20.54	20.60	20.62	2.5	22.5
	CP-OFDM	QPSK	1	1	18.60	18.54	18.74	4.5	20.5
			1	1	21.62	21.69	21.76	1.5	23.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					134100	136100	138100		
					670.50 MHz	680.50 MHz	690.50 MHz		
15 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	23.11	23.13	23.20	0.5	24.5
			1	1	23.80	23.83	24.10	0.0	25.0
			1	39	23.56	23.92	23.75	0.0	25.0
			1	76	23.78	23.98	23.78	0.0	25.0
			1	77	23.05	23.09	23.19	0.5	24.5
			36	0	22.63	22.82	22.86	0.5	24.5
			36	21	23.84	23.92	23.99	0.0	25.0
			36	42	22.72	22.92	22.79	0.5	24.5
		QPSK	75	0	22.81	22.95	22.99	0.5	24.5
			1	0	22.67	22.58	22.63	1.0	24.0
			1	1	22.63	22.72	23.00	0.0	25.0
			1	39	22.72	22.93	22.95	0.0	25.0
			1	76	22.78	23.08	22.78	0.0	25.0
			1	77	22.61	22.52	22.69	1.0	24.0
			36	0	21.68	21.82	21.92	1.0	24.0
			36	21	22.71	22.95	22.85	0.0	25.0
			36	43	21.72	21.97	21.78	1.0	24.0
			75	0	21.81	21.94	22.00	1.0	24.0
		16QAM	1	1	22.85	23.00	23.17	1.0	24.0
			1	39	22.84	22.97	22.99	1.0	24.0
			1	77	22.91	22.94	22.97	1.0	24.0
		64QAM	1	1	20.86	20.91	21.07	2.5	22.5
		256QAM	1	1	18.86	18.94	19.08	4.5	20.5
	CP-OFDM	QPSK	1	1	21.52	21.72	21.74	1.5	23.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					133600	136100	138600		
					668.00 MHz	680.50 MHz	693.00 MHz		
10 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.91	23.09	23.25	0.5	24.5
			1	1	23.72	23.76	23.79	0.0	25.0
			1	26	23.55	23.77	23.74	0.0	25.0
			1	49	23.67	23.91	23.73	0.0	25.0
			1	50	22.91	22.98	23.13	0.5	24.5
			25	0	22.68	22.90	22.80	0.5	24.5
			25	13	23.78	23.99	23.91	0.0	25.0
			25	26	22.69	22.92	22.75	0.5	24.5
		QPSK	50	0	22.73	22.97	22.91	0.5	24.5
			1	0	22.51	22.52	22.68	1.0	24.0
			1	1	22.80	22.74	22.81	0.0	25.0
			1	26	22.75	22.85	22.83	0.0	25.0
			1	49	22.67	22.95	22.88	0.0	25.0
			1	50	22.49	22.39	22.62	1.0	24.0
			25	0	21.65	21.91	21.82	1.0	24.0
			25	13	22.74	22.91	22.86	0.0	25.0
			25	26	21.72	21.95	21.87	1.0	24.0
			50	0	21.72	21.88	21.93	1.0	24.0
		16QAM	1	1	22.78	22.97	22.91	1.0	24.0
			1	26	22.74	22.97	22.90	1.0	24.0
			1	49	22.72	22.91	22.89	1.0	24.0
		64QAM	1	1	20.53	20.67	20.73	2.5	22.5
		256QAM	1	1	18.56	18.72	18.71	4.5	20.5
	CP-OFDM	QPSK	1	1	21.67	21.74	21.92	1.5	23.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					133100	136100	139100		
					665.50 MHz	680.50 MHz	695.50 MHz		
5 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.93	23.04	23.20	0.5	24.5
			1	1	23.67	23.86	23.92	0.0	25.0
			1	13	23.65	23.93	23.81	0.0	25.0
			1	23	23.70	24.13	23.79	0.0	25.0
			1	24	22.90	22.95	23.01	0.5	24.5
			12	0	22.68	22.94	22.97	0.5	24.5
			12	6	23.73	23.83	24.04	0.0	25.0
			12	13	22.60	22.99	22.96	0.5	24.5
		QPSK	25	0	22.74	22.98	22.89	0.5	24.5
			1	0	22.53	22.54	22.72	1.0	24.0
			1	1	22.85	23.18	22.99	0.0	25.0
			1	13	22.73	22.84	22.96	0.0	25.0
			1	23	22.88	24.13	23.02	0.0	25.0
			1	24	22.51	22.42	22.60	1.0	24.0
			12	0	21.69	21.97	21.89	1.0	24.0
			12	6	22.72	22.84	22.93	0.0	25.0
			12	13	21.67	22.11	21.96	1.0	24.0
			25	0	21.73	22.00	21.99	1.0	24.0
		16QAM	1	1	22.82	23.17	23.06	1.0	24.0
			1	13	22.78	22.94	22.94	1.0	24.0
			1	23	22.82	23.15	23.02	1.0	24.0
		64QAM	1	1	20.85	20.92	20.96	2.5	22.5
		256QAM	1	1	18.83	19.05	19.00	4.5	20.5
	CP-OFDM	QPSK	1	1	21.51	21.93	21.96	1.5	23.5

NR Band n71 (ANT E)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)				
					Measured Pwr (dBm)		MPR	Tune-up Limit	
					136100	680.50 MHz			
35 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.94		0.5	24.5	
			1	1	23.80		0.0	25.0	
			1	93	24.01		0.0	25.0	
			1	186	23.98		0.0	25.0	
			1	187	23.27		0.5	24.5	
			90	0	23.32		0.5	24.5	
			90	49	23.94		0.0	25.0	
			90	98	23.58		0.5	24.5	
			180	0	23.42		0.5	24.5	
		QPSK	1	0	22.69		1.0	24.0	
			1	1	23.08		0.0	25.0	
			1	93	23.87		0.0	25.0	
			1	186	23.55		0.0	25.0	
			1	187	22.85		1.0	24.0	
			90	0	22.86		1.0	24.0	
			90	49	23.99		0.0	25.0	
			90	98	22.97		1.0	24.0	
			180	0	22.91		1.0	24.0	
		16QAM	1	0	21.49		2.0	23.0	
			1	1	22.50		1.0	24.0	
			1	93	23.27		1.0	24.0	
			1	186	23.02		1.0	24.0	
			1	187	21.88		2.0	23.0	
			90	0	21.97		2.0	23.0	
			90	49	22.86		1.0	24.0	
			90	98	22.14		2.0	23.0	
			180	0	21.85		2.0	23.0	
		64QAM	1	1	21.36		2.5	22.5	
		256QAM	1	1	19.32		4.5	20.5	
	CP-OFDM	QPSK	1	0	20.50		3.0	22.0	
			1	1	21.89		1.5	23.5	
			1	93	22.32		1.5	23.5	
			1	186	23.00		1.5	23.5	
			1	187	20.56		3.0	22.0	
			94	0	20.57		3.0	22.0	
			94	49	20.79		1.5	23.5	
			94	94	21.00		3.0	22.0	
			188	0	20.69		3.0	22.0	
		16QAM	1	0	20.05		3.0	22.0	
			1	1	21.33		2.0	23.0	
			1	93	21.36		2.0	23.0	
			1	186	21.68		2.0	23.0	
			1	187	20.14		3.0	22.0	
			94	0	20.67		3.0	22.0	
			94	49	20.77		2.0	23.0	
			94	94	20.93		3.0	22.0	
			188	0	20.69		3.0	22.0	
		64QAM	1	1	20.15		3.5	21.5	
		256QAM	1	1	17.18		6.5	18.5	

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					134600	136100	136600		
					678.00 MHz	680.50 MHz	683.00 MHz		
30 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.70	22.66	22.46	0.5	24.5
			1	1	23.77	23.88	23.43	0.0	25.0
			1	79	23.95	24.03	23.63	0.0	25.0
			1	158	24.08	24.26	23.94	0.0	25.0
			1	159	23.20	23.19	22.85	0.5	24.5
			80	0	23.23	23.45	23.26	0.5	24.5
			80	40	23.90	23.98	23.86	0.0	25.0
			80	80	23.45	23.53	23.29	0.5	24.5
			160	0	23.33	23.50	23.29	0.5	24.5
		QPSK	1	0	22.57	22.29	21.99	1.0	24.0
			1	1	24.12	23.60	23.57	0.0	25.0
			1	79	24.33	23.96	23.69	0.0	25.0
			1	158	24.51	23.82	23.84	0.0	25.0
			1	159	23.09	22.90	22.43	1.0	24.0
			80	0	22.71	22.92	22.62	1.0	24.0
			80	40	23.92	24.27	23.81	0.0	25.0
			80	80	23.03	23.00	22.84	1.0	24.0
			160	0	22.82	22.89	22.76	1.0	24.0
		16QAM	1	1	23.49	22.67	22.00	1.0	24.0
			1	79	23.52	23.12	22.23	1.0	24.0
			1	158	23.76	22.94	22.21	1.0	24.0
		64QAM	1	1	20.56	20.93	21.34	2.5	22.5
		256QAM	1	1	19.19	18.93	18.87	4.5	20.5
	CP-OFDM	QPSK	1	1	22.37	22.15	22.09	1.5	23.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					134600	136100	136600		
					678.00 MHz	680.50 MHz	683.00 MHz		
25 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.74	22.65	22.80	0.5	24.5
			1	1	23.91	24.05	23.87	0.0	25.0
			1	66	23.94	23.97	23.91	0.0	25.0
			1	131	24.10	24.06	23.87	0.0	25.0
			1	132	23.41	23.45	23.08	0.5	24.5
			64	0	23.17	23.34	23.35	0.5	24.5
			64	34	23.73	24.02	23.94	0.0	25.0
			64	69	23.27	23.51	23.36	0.5	24.5
			128	0	23.11	23.45	23.40	0.5	24.5
		QPSK	1	0	21.72	22.64	22.06	1.0	24.0
			1	1	23.37	23.58	23.62	0.0	25.0
			1	66	23.47	23.95	23.67	0.0	25.0
			1	131	23.85	23.96	23.74	0.0	25.0
			1	132	22.73	23.17	22.40	1.0	24.0
			64	0	22.60	22.85	22.84	1.0	24.0
			64	34	23.66	23.97	24.05	0.0	25.0
			64	69	22.77	23.08	22.96	1.0	24.0
			128	0	22.60	22.84	22.94	1.0	24.0
		16QAM	1	1	22.21	22.98	22.56	1.0	24.0
			1	66	22.59	23.19	22.63	1.0	24.0
			1	131	22.87	23.22	22.60	1.0	24.0
		64QAM	1	1	21.00	21.02	20.95	2.5	22.5
		256QAM	1	1	19.13	19.21	19.49	4.5	20.5
	CP-OFDM	QPSK	1	1	21.82	22.64	22.46	1.5	23.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					134600	136100	137600		
					673.00 MHz	680.50 MHz	688.00 MHz		
20 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	23.04	23.07	23.19	0.5	24.5
			1	1	23.73	23.72	23.79	0.0	25.0
			1	52	23.82	23.95	23.86	0.0	25.0
			1	104	23.92	24.01	23.96	0.0	25.0
			1	105	22.98	23.07	23.19	0.5	24.5
			50	0	23.37	23.51	23.43	0.5	24.5
			50	28	23.94	24.07	24.04	0.0	25.0
			50	56	23.49	23.62	23.50	0.5	24.5
			100	0	23.53	23.67	23.64	0.5	24.5
		QPSK	1	0	22.59	22.51	22.61	1.0	24.0
			1	1	23.08	23.56	23.69	0.0	25.0
			1	52	23.78	23.83	23.82	0.0	25.0
			1	104	23.75	23.86	23.69	0.0	25.0
			1	105	22.55	22.47	22.58	1.0	24.0
			50	0	22.63	22.93	22.98	1.0	24.0
			50	28	23.90	24.09	24.13	0.0	25.0
			50	56	22.79	22.99	22.98	1.0	24.0
			100	0	22.92	23.10	23.13	1.0	24.0
		16QAM	1	1	22.48	22.79	22.91	1.0	24.0
			1	52	22.90	23.00	23.10	1.0	24.0
			1	104	23.06	23.01	23.04	1.0	24.0
		64QAM	1	1	20.84	20.93	20.92	2.5	22.5
		256QAM	1	1	18.86	18.93	18.98	4.5	20.5
	CP-OFDM	QPSK	1	1	22.15	22.55	22.43	1.5	23.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					134100	136100	138100		
					670.50 MHz	680.50 MHz	690.50 MHz		
15 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	23.11	23.13	23.20	0.5	24.5
			1	1	23.73	23.98	23.82	0.0	25.0
			1	39	23.67	23.97	23.94	0.0	25.0
			1	76	23.89	24.13	23.96	0.0	25.0
			1	77	23.05	23.09	23.19	0.5	24.5
			36	0	23.27	23.43	23.53	0.5	24.5
			36	21	23.93	24.22	24.15	0.0	25.0
			36	42	23.30	23.46	23.39	0.5	24.5
		QPSK	75	0	23.30	23.45	23.63	0.5	24.5
			1	0	22.61	22.68	22.61	1.0	24.0
			1	1	23.40	23.88	23.80	0.0	25.0
			1	39	23.64	23.86	23.85	0.0	25.0
			1	76	23.66	23.85	23.81	0.0	25.0
			1	77	22.61	22.52	22.69	1.0	24.0
			36	0	22.74	22.91	22.93	1.0	24.0
			36	21	23.85	24.08	24.08	0.0	25.0
			36	43	22.77	22.92	22.88	1.0	24.0
			75	0	22.85	23.03	23.05	1.0	24.0
		16QAM	1	1	22.92	22.95	23.00	1.0	24.0
			1	39	22.76	23.11	23.08	1.0	24.0
			1	77	22.97	23.11	22.91	1.0	24.0
		64QAM	1	1	20.82	20.93	20.98	2.5	22.5
		256QAM	1	1	18.85	19.00	18.95	4.5	20.5
	CP-OFDM	QPSK	1	1	22.38	22.49	22.66	1.5	23.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					133600	136100	138600		
					668.00 MHz	680.50 MHz	693.00 MHz		
10 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.91	23.09	23.25	0.5	24.5
			1	1	23.80	23.88	23.91	0.0	25.0
			1	26	23.75	23.74	23.88	0.0	25.0
			1	49	23.82	23.93	23.96	0.0	25.0
			1	50	22.91	22.98	23.13	0.5	24.5
			25	0	23.30	23.43	23.51	0.5	24.5
			25	13	24.01	23.97	24.08	0.0	25.0
			25	26	23.36	23.48	23.51	0.5	24.5
			50	0	23.41	23.49	23.56	0.5	24.5
		QPSK	1	0	22.51	22.52	22.68	1.0	24.0
			1	1	23.01	23.80	23.78	0.0	25.0
			1	26	23.47	24.00	23.82	0.0	25.0
			1	49	23.48	23.81	23.23	0.0	25.0
			1	50	22.49	22.39	22.62	1.0	24.0
			25	0	22.41	22.88	22.79	1.0	24.0
			25	13	23.46	23.93	24.01	0.0	25.0
			25	26	22.67	22.89	22.78	1.0	24.0
			50	0	22.45	22.99	22.89	1.0	24.0
		16QAM	1	1	22.29	22.92	22.96	1.0	24.0
			1	26	22.59	22.99	23.03	1.0	24.0
			1	49	22.97	22.85	22.97	1.0	24.0
		64QAM	1	1	20.74	20.96	20.99	2.5	22.5
		256QAM	1	1	18.72	18.86	19.08	4.5	20.5
	CP-OFDM	QPSK	1	1	22.06	22.39	22.40	1.5	23.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					133100	136100	139100		
					665.50 MHz	680.50 MHz	695.50 MHz		
5 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.93	23.04	23.20	0.5	24.5
			1	1	23.79	24.00	24.11	0.0	25.0
			1	13	23.73	23.97	24.01	0.0	25.0
			1	23	23.71	23.96	24.03	0.0	25.0
			1	24	22.90	22.95	23.01	0.5	24.5
			12	0	23.39	23.60	23.63	0.5	24.5
			12	6	23.98	24.13	24.10	0.0	25.0
			12	13	23.36	23.54	23.55	0.5	24.5
			25	0	23.35	23.62	23.60	0.5	24.5
		QPSK	1	0	22.53	22.54	22.72	1.0	24.0
			1	1	23.37	23.90	23.83	0.0	25.0
			1	13	23.64	23.82	23.70	0.0	25.0
			1	23	23.64	23.92	23.09	0.0	25.0
			1	24	22.51	22.42	22.60	1.0	24.0
			12	0	22.67	23.02	22.90	1.0	24.0
			12	6	23.68	24.10	23.95	0.0	25.0
			12	13	22.81	23.02	22.83	1.0	24.0
			25	0	22.80	23.03	23.12	1.0	24.0
		16QAM	1	1	22.68	23.17	23.17	1.0	24.0
			1	13	23.15	22.96	23.18	1.0	24.0
			1	23	22.91	23.22	22.85	1.0	24.0
		64QAM	1	1	20.98	21.18	21.23	2.5	22.5
		256QAM	1	1	18.92	19.07	19.18	4.5	20.5
	CP-OFDM	QPSK	1	1	22.26	22.69	22.92	1.5	23.5

NR Band n77(PC2, 3450-3550 MHz) (ANT F)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Average POWER (dBm)				
					Measured Pwr (dBm)		MPR	Tune-up Limit	
					633332	3499.98 MHz			
100 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0		23.06		0.5	26.5
			1	1		26.83		0.0	27.0
			1	136		26.46		0.0	27.0
			1	271		26.78		0.0	27.0
			1	272		23.13		0.5	26.5
			135	0		26.27		0.5	26.5
			135	69		26.61		0.0	27.0
			135	138		26.20		0.5	26.5
		QPSK	270	0		26.15		0.5	26.5
			1	0		23.10		1.0	26.0
			1	1		26.73		0.0	27.0
			1	136		26.36		0.0	27.0
			1	271		26.70		0.0	27.0
			1	272		23.10		1.0	26.0
			135	0		25.71		1.0	26.0
			135	69		26.55		0.0	27.0
			135	138		25.78		1.0	26.0
		16QAM	270	0		25.64		1.0	26.0
			1	0		22.96		2.0	25.0
			1	1		25.35		1.0	26.0
			1	136		25.37		1.0	26.0
			1	271		25.42		1.0	26.0
			1	272		23.11		2.0	25.0
			135	0		24.66		2.0	25.0
			135	69		25.48		1.0	26.0
			135	138		24.63		2.0	25.0
		64QAM	270	0		24.55		2.0	25.0
			1	1		23.91		2.5	24.5
		256QAM	1	1		22.05		4.5	22.5
			1	0		23.19		3.0	24.0
			1	1		25.44		1.5	25.5
			1	136		25.11		1.5	25.5
			1	271		25.31		1.5	25.5
			1	272		23.31		3.0	24.0
		QPSK	135	0		23.64		3.0	24.0
			135	69		24.76		1.5	25.5
			135	138		23.86		3.0	24.0
			270	0		23.73		3.0	24.0
		16QAM	1	0		23.23		3.0	24.0
			1	1		24.59		2.0	25.0
			1	136		24.43		2.0	25.0
			1	271		24.77		2.0	25.0
			1	272		23.27		3.0	24.0
			135	0		23.91		3.0	24.0
			135	69		24.55		2.0	25.0
			135	138		23.57		3.0	24.0
		64QAM	270	0		23.82		3.0	24.0
			1	1		22.98		3.5	23.5
		256QAM	1	1		19.87		6.5	20.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					633000	633332	633666		
					3495.00 MHz	3499.98 MHz	3504.99MHz		
90 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	23.28	23.31	23.26	0.5	26.5
			1	1	26.71	26.75	26.74	0.0	27.0
			1	123	26.48	26.78	26.69	0.0	27.0
			1	243	26.68	26.79	26.75	0.0	27.0
			1	244	23.24	23.25	23.25	0.5	26.5
			120	0	26.27	26.25	26.27	0.5	26.5
			120	63	26.71	26.69	26.74	0.0	27.0
			120	125	26.21	26.22	26.25	0.5	26.5
			243	0	26.10	26.23	26.17	0.5	26.5
		QPSK	1	0	23.17	23.12	23.20	1.0	26.0
			1	1	26.66	26.51	26.72	0.0	27.0
			1	123	26.42	26.53	26.58	0.0	27.0
			1	243	26.60	26.63	26.68	0.0	27.0
			1	244	23.22	23.19	23.28	1.0	26.0
			120	0	25.69	25.79	25.70	1.0	26.0
			120	63	26.52	26.59	26.58	0.0	27.0
			120	125	25.65	25.66	25.66	1.0	26.0
			243	0	25.55	25.59	25.80	1.0	26.0
		16QAM	1	1	25.97	25.41	25.66	1.0	26.0
			1	123	25.54	25.04	25.47	1.0	26.0
			1	243	25.83	25.39	25.61	1.0	26.0
		64QAM	1	1	24.09	24.10	24.20	2.5	24.5
		256QAM	1	1	22.03	22.18	22.30	4.5	22.5
	CP-OFDM	QPSK	1	1	25.35	25.40	25.31	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					632668	633332	634000		
					3490.02 MHz	3499.98 MHz	3510.00 MHz		
80 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	23.12	23.15	23.18	0.5	26.5
			1	1	26.83	26.72	26.81	0.0	27.0
			1	108	26.60	26.61	26.54	0.0	27.0
			1	215	26.67	26.67	26.76	0.0	27.0
			1	216	23.04	23.08	23.14	0.5	26.5
			108	0	26.30	26.26	26.30	0.5	26.5
			108	54	26.75	26.68	26.85	0.0	27.0
			108	108	26.26	26.18	26.23	0.5	26.5
			216	0	26.21	26.17	26.21	0.5	26.5
		QPSK	1	0	23.20	23.06	23.04	1.0	26.0
			1	1	26.76	26.64	26.56	0.0	27.0
			1	108	26.52	26.41	26.43	0.0	27.0
			1	215	26.69	26.63	26.67	0.0	27.0
			1	216	23.12	23.05	23.06	1.0	26.0
			108	0	25.78	25.75	25.76	1.0	26.0
			108	54	26.64	26.65	26.69	0.0	27.0
			108	109	25.66	25.68	25.77	1.0	26.0
			216	0	25.63	25.63	25.75	1.0	26.0
		16QAM	1	1	25.69	25.88	25.63	1.0	26.0
			1	108	25.40	25.62	25.36	1.0	26.0
			1	215	25.67	25.76	25.53	1.0	26.0
		64QAM	1	1	24.02	24.12	24.21	2.5	24.5
		256QAM	1	1	21.99	22.23	22.23	4.5	22.5
	CP-OFDM	QPSK	1	1	25.24	25.29	25.26	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					632334	633332	634332		
					3485.01 MHz	3499.98 MHz	3514.98 MHz		
70 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	23.09	23.03	23.13	0.5	26.5
			1	1	26.73	26.76	26.67	0.0	27.0
			1	94	26.61	26.60	26.54	0.0	27.0
			1	187	26.54	26.59	26.65	0.0	27.0
			1	188	22.98	23.00	23.04	0.5	26.5
			90	0	26.25	26.26	26.22	0.5	26.5
			90	49	26.70	26.67	26.70	0.0	27.0
			90	99	26.19	26.20	26.14	0.5	26.5
			180	0	26.20	26.20	26.24	0.5	26.5
		QPSK	1	0	23.09	22.93	22.96	1.0	26.0
			1	1	26.69	26.62	26.64	0.0	27.0
			1	94	26.48	26.42	26.45	0.0	27.0
			1	187	26.60	26.58	26.57	0.0	27.0
			1	188	23.13	22.93	22.91	1.0	26.0
			90	0	25.87	25.67	25.67	1.0	26.0
			90	49	26.62	26.65	26.64	0.0	27.0
			90	99	25.68	25.64	25.62	1.0	26.0
			180	0	25.73	25.80	25.67	1.0	26.0
		16QAM	1	1	25.64	25.79	25.36	1.0	26.0
			1	94	25.44	25.46	25.20	1.0	26.0
			1	187	25.54	25.76	25.25	1.0	26.0
		64QAM	1	1	23.99	23.98	24.09	2.5	24.5
		256QAM	1	1	22.20	22.04	22.08	4.5	22.5
	CP-OFDM	QPSK	1	1	25.19	25.24	25.26	1.5	25.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					632000	633332	634666		
					3480.00 MHz	3499.98 MHz	3519.99 MHz		
60 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.99	23.01	23.06	0.5	26.5
			1	1	26.65	26.57	26.58	0.0	27.0
			1	80	26.56	26.49	26.45	0.0	27.0
			1	160	26.51	26.59	26.48	0.0	27.0
			1	161	22.84	22.91	23.00	0.5	26.5
			81	0	26.18	26.17	26.05	0.5	26.5
			81	40	26.59	26.50	26.49	0.0	27.0
			81	81	26.09	26.03	26.03	0.5	26.5
		QPSK	162	0	26.11	26.13	26.03	0.5	26.5
			1	0	22.96	22.99	22.81	1.0	26.0
			1	1	26.49	26.62	26.41	0.0	27.0
			1	80	26.47	26.47	26.31	0.0	27.0
			1	160	26.42	26.46	26.45	0.0	27.0
			1	161	22.96	22.90	22.90	1.0	26.0
			81	0	25.71	25.65	25.53	1.0	26.0
			81	40	26.52	26.49	26.36	0.0	27.0
			81	81	25.60	25.57	25.51	1.0	26.0
			162	0	25.62	25.52	25.48	1.0	26.0
		16QAM	1	1	25.31	25.55	25.60	1.0	26.0
			1	80	25.40	25.41	25.41	1.0	26.0
			1	160	25.39	25.39	25.46	1.0	26.0
		64QAM	1	1	23.82	23.83	23.74	2.5	24.5
		256QAM	1	1	22.08	22.15	21.84	4.5	22.5
	CP-OFDM	QPSK	1	1	25.10	25.40	25.04	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					631668	633332	635000		
					3475.02 MHz	3499.98 MHz	3525.00 MHz		
50 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	23.03	23.12	23.13	0.5	26.5
			1	1	26.71	26.71	26.69	0.0	27.0
			1	66	26.83	26.79	26.75	0.0	27.0
			1	131	26.78	26.74	26.81	0.0	27.0
			1	132	23.12	23.06	23.17	0.5	26.5
			64	0	26.46	26.38	26.27	0.5	26.5
			64	34	26.90	26.89	26.81	0.0	27.0
			64	69	26.35	26.26	26.33	0.5	26.5
		QPSK	128	0	26.37	26.35	26.28	0.5	26.5
			1	0	23.14	22.98	22.98	1.0	26.0
			1	1	26.78	26.59	26.48	0.0	27.0
			1	66	26.70	26.70	26.64	0.0	27.0
			1	131	26.73	26.63	26.62	0.0	27.0
			1	132	23.17	23.04	23.05	1.0	26.0
			64	0	25.88	25.83	25.75	1.0	26.0
			64	34	26.91	26.80	26.86	0.0	27.0
			64	69	25.82	25.84	25.75	1.0	26.0
			128	0	25.85	25.72	25.83	1.0	26.0
		16QAM	1	1	25.89	25.77	25.26	1.0	26.0
			1	66	25.74	25.81	25.39	1.0	26.0
			1	131	25.80	25.86	25.34	1.0	26.0
		64QAM	1	1	24.06	23.96	23.96	2.5	24.5
		256QAM	1	1	22.34	22.25	21.99	4.5	22.5
	CP-OFDM	QPSK	1	1	25.44	25.41	25.35	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					631334	633332	635332		
					3470.01 MHz	3499.98 MHz	3529.98 MHz		
40 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.97	22.96	22.96	0.5	26.5
			1	1	26.69	26.61	26.55	0.0	27.0
			1	52	26.64	26.74	26.69	0.0	27.0
			1	104	26.61	26.45	26.65	0.0	27.0
			1	105	23.03	22.96	23.04	0.5	26.5
			50	0	26.17	26.15	26.21	0.5	26.5
			50	28	26.61	26.88	26.78	0.0	27.0
			50	56	26.22	26.23	26.19	0.5	26.5
		QPSK	100	0	26.20	26.15	26.19	0.5	26.5
			1	0	23.06	22.97	22.91	1.0	26.0
			1	1	26.66	26.50	26.41	0.0	27.0
			1	52	26.68	26.57	26.57	0.0	27.0
			1	104	26.59	26.44	26.41	0.0	27.0
			1	105	23.04	22.88	22.89	1.0	26.0
			50	0	25.80	25.69	25.65	1.0	26.0
			50	28	26.67	26.70	26.60	0.0	27.0
			50	56	25.69	25.74	25.69	1.0	26.0
			100	0	25.64	25.71	25.69	1.0	26.0
		16QAM	1	1	25.57	25.59	25.17	1.0	26.0
			1	52	25.60	25.74	25.32	1.0	26.0
			1	104	25.54	25.67	25.21	1.0	26.0
		64QAM	1	1	23.84	23.84	23.74	2.5	24.5
		256QAM	1	1	22.17	22.10	21.95	4.5	22.5
	CP-OFDM	QPSK	1	1	25.10	25.21	25.12	1.5	25.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					631000	633332	635668		
					3465.00 MHz	3499.98 MHz	3535.02 MHz		
30 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.99	22.96	23.09	0.5	26.5
			1	1	26.73	26.59	26.62	0.0	27.0
			1	39	26.69	26.67	26.66	0.0	27.0
			1	76	26.65	26.67	26.73	0.0	27.0
			1	77	23.03	23.01	23.05	0.5	26.5
			36	0	26.26	26.17	26.14	0.5	26.5
			36	21	26.64	26.70	26.71	0.0	27.0
			36	42	26.06	26.25	26.14	0.5	26.5
			75	0	26.22	26.19	26.17	0.5	26.5
		QPSK	1	0	23.09	23.03	22.94	1.0	26.0
			1	1	26.72	26.62	26.47	0.0	27.0
			1	39	26.62	26.52	26.50	0.0	27.0
			1	76	26.65	26.53	26.53	0.0	27.0
			1	77	23.13	22.97	22.98	1.0	26.0
			36	0	25.64	25.62	25.65	1.0	26.0
			36	21	26.74	26.62	26.62	0.0	27.0
			36	42	25.74	25.62	25.78	1.0	26.0
			75	0	25.71	25.65	25.61	1.0	26.0
		16QAM	1	1	25.66	25.65	25.24	1.0	26.0
			1	39	25.56	25.62	25.44	1.0	26.0
			1	76	25.63	25.68	25.48	1.0	26.0
		64QAM	1	1	23.89	23.93	24.08	2.5	24.5
		256QAM	1	1	22.02	22.19	22.15	4.5	22.5
	CP-OFDM	QPSK	1	1	25.18	25.23	25.21	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					630834	633332	635832		
					3462.51 MHz	3499.98 MHz	3537.48 MHz		
25 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	23.11	22.99	23.09	0.5	26.5
			1	1	26.68	26.63	26.78	0.0	27.0
			1	32	26.79	26.75	26.79	0.0	27.0
			1	63	26.69	26.65	26.74	0.0	27.0
			1	64	23.05	23.06	23.12	0.5	26.5
			32	0	26.21	26.12	26.18	0.5	26.5
			32	16	26.45	26.75	26.70	0.0	27.0
			32	33	25.91	26.16	26.20	0.5	26.5
			64	0	25.93	26.21	26.20	0.5	26.5
		QPSK	1	0	23.11	23.06	22.95	1.0	26.0
			1	1	26.62	26.57	26.54	0.0	27.0
			1	32	26.67	26.59	26.58	0.0	27.0
			1	63	26.64	26.54	26.64	0.0	27.0
			1	64	23.14	23.01	23.06	1.0	26.0
			32	0	25.75	25.71	25.62	1.0	26.0
			32	16	26.73	26.69	26.62	0.0	27.0
			32	33	25.68	25.74	25.78	1.0	26.0
			64	0	25.75	25.71	25.66	1.0	26.0
		16QAM	1	1	25.61	25.67	25.43	1.0	26.0
			1	32	25.55	25.69	25.44	1.0	26.0
			1	63	25.61	25.68	25.51	1.0	26.0
		64QAM	1	1	23.99	24.11	23.96	2.5	24.5
		256QAM	1	1	21.99	22.05	22.18	4.5	22.5
	CP-OFDM	QPSK	1	1	25.20	25.42	25.10	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					630668	633332	636000		
					3460.02 MHz	3499.98 MHz	3540.00 MHz		
20 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.84	22.92	22.93	0.5	26.5
			1	1	26.62	26.52	26.58	0.0	27.0
			1	26	26.58	26.54	26.57	0.0	27.0
			1	49	26.68	26.53	26.59	0.0	27.0
			1	50	23.00	22.89	23.01	0.5	26.5
			25	0	26.13	26.10	26.02	0.5	26.5
			25	13	26.71	26.70	26.61	0.0	27.0
			25	26	26.17	26.14	26.08	0.5	26.5
			50	0	26.04	26.07	26.02	0.5	26.5
		QPSK	1	0	23.03	22.88	22.81	1.0	26.0
			1	1	26.56	26.42	26.32	0.0	27.0
			1	26	26.48	26.44	26.40	0.0	27.0
			1	49	26.64	26.45	26.48	0.0	27.0
			1	50	23.01	22.85	22.96	1.0	26.0
			25	0	25.64	25.57	25.52	1.0	26.0
			25	13	26.61	26.59	26.58	0.0	27.0
			25	26	25.62	25.60	25.56	1.0	26.0
			50	0	25.63	25.58	25.52	1.0	26.0
		16QAM	1	1	25.45	25.60	25.14	1.0	26.0
			1	26	25.44	25.57	25.30	1.0	26.0
			1	49	25.55	25.57	25.32	1.0	26.0
		64QAM	1	1	23.85	23.95	23.83	2.5	24.5
		256QAM	1	1	22.12	21.85	22.10	4.5	22.5
	CP-OFDM	QPSK	1	1	25.05	25.04	24.86	1.5	25.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					630500	633332	636168		
					3457.50 MHz	3499.98 MHz	3542.52 MHz		
15 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	23.00	22.94	22.94	0.5	26.5
			1	1	26.58	26.56	26.47	0.0	27.0
			1	19	26.56	26.48	26.52	0.0	27.0
			1	36	26.62	26.41	26.59	0.0	27.0
			1	37	23.03	22.93	23.09	0.5	26.5
			18	0	26.04	26.06	26.05	0.5	26.5
			18	10	26.54	26.64	26.66	0.0	27.0
			18	20	26.13	26.10	26.06	0.5	26.5
		QPSK	36	0	26.14	26.08	26.00	0.5	26.5
			1	0	23.03	22.86	22.77	1.0	26.0
			1	1	26.52	26.39	26.39	0.0	27.0
			1	19	26.49	26.36	26.37	0.0	27.0
			1	36	26.50	26.42	26.44	0.0	27.0
			1	37	23.01	22.88	22.90	1.0	26.0
			18	0	25.56	25.56	25.49	1.0	26.0
			18	10	26.54	26.51	26.47	0.0	27.0
			18	20	25.63	25.57	25.53	1.0	26.0
			36	0	25.58	25.56	25.48	1.0	26.0
		16QAM	1	1	25.41	25.39	25.27	1.0	26.0
			1	19	25.41	25.47	25.36	1.0	26.0
			1	36	25.62	25.54	25.46	1.0	26.0
		64QAM	1	1	23.76	23.93	23.94	2.5	24.5
		256QAM	1	1	21.86	22.07	21.73	4.5	22.5
	CP-OFDM	QPSK	1	1	25.00	24.99	24.95	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					630334	633332	636332		
					3455.01 MHz	3499.98 MHz	3544.98 MHz		
10 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	23.03	22.93	22.98	0.5	26.5
			1	1	26.68	26.56	26.68	0.0	27.0
			1	12	26.56	26.49	26.62	0.0	27.0
			1	22	26.66	26.63	26.67	0.0	27.0
			1	23	23.02	22.91	23.07	0.5	26.5
			12	0	26.14	26.12	26.06	0.5	26.5
			12	6	26.71	26.64	26.52	0.0	27.0
			12	12	26.14	26.13	26.09	0.5	26.5
		QPSK	24	0	26.22	26.11	26.00	0.5	26.5
			1	0	23.01	22.88	22.84	1.0	26.0
			1	1	26.59	26.44	26.49	0.0	27.0
			1	12	26.65	26.41	26.51	0.0	27.0
			1	22	26.65	26.48	26.54	0.0	27.0
			1	23	23.13	22.88	23.01	1.0	26.0
			12	0	25.62	25.59	25.62	1.0	26.0
			12	6	26.61	26.55	26.43	0.0	27.0
			12	12	25.62	25.60	25.65	1.0	26.0
			24	0	25.60	25.59	25.66	1.0	26.0
		16QAM	1	1	25.58	25.62	25.29	1.0	26.0
			1	12	25.49	25.48	25.14	1.0	26.0
			1	22	25.60	25.63	25.51	1.0	26.0
		64QAM	1	1	23.94	23.95	23.87	2.5	24.5
		256QAM	1	1	22.01	22.01	22.03	4.5	22.5
	CP-OFDM	QPSK	1	1	25.22	25.13	25.16	1.5	25.5

NR Band n77 (PC2, 3450-3550 MHz, SRS)

Maximum Average Power (dBm) SRS2				Tune-up Limit	Maximum Average Power (dBm) SRS3				Tune-up Limit	Maximum Average Power (dBm) SRS4				Tune-up Limit
				22.5					26.5					21.5
100 MHz		633332			100 MHz		633332			100 MHz		633332		
		3499.98 MHz					3499.98 MHz					3499.98 MHz		
		21.62					25.03					19.35		
90 MHz	633000	633332	633666		90 MHz	633000	633332	633666		90 MHz	633000	633332	633666	
	3495 MHz	3499.98 MHz	3504.99 MHz			3495 MHz	3499.98 MHz	3504.99 MHz			3495 MHz	3499.98 MHz	3504.99 MHz	
	21.55	21.43	21.46			24.93	24.94	24.92			19.25	19.22	19.18	
80 MHz	632668	633332	634000		80 MHz	632668	633332	634000		80 MHz	632668	633332	634000	
	3490.02 MHz	3499.98 MHz	3510 MHz			3490.02 MHz	3499.98 MHz	3510 MHz			3490.02 MHz	3499.98 MHz	3510 MHz	
	21.56	21.38	21.33			24.89	24.82	24.72			19.18	19.21	19.15	
70 MHz	632334	633332	634332		70 MHz	632334	633332	634332		70 MHz	632334	633332	634332	
	3485.01 MHz	3499.98 MHz	3514.98 MHz			3485.01 MHz	3499.98 MHz	3514.98 MHz			3485.01 MHz	3499.98 MHz	3514.98 MHz	
	21.59	21.33	21.05			24.91	24.78	24.55			19.09	19.13	19.13	
60 MHz	632000	633332	634666		60 MHz	632000	633332	634666		60 MHz	632000	633332	634666	
	3480 MHz	3499.98 MHz	3519.99 MHz			3480 MHz	3499.98 MHz	3519.99 MHz			3480 MHz	3499.98 MHz	3519.99 MHz	
	21.58	21.31	21.01			24.95	24.82	24.60			19.04	19.07	19.12	
50 MHz	631668	633332	635000		50 MHz	631668	633332	635000		50 MHz	631668	633332	635000	
	3475.02 MHz	3499.98 MHz	3525 MHz			3475.02 MHz	3499.98 MHz	3525 MHz			3475.02 MHz	3499.98 MHz	3525 MHz	
	21.55	21.25	20.96			24.98	24.88	24.62			19.02	19.13	19.15	
40 MHz	631334	633332	635332		40 MHz	631334	633332	635332		40 MHz	631334	633332	635332	
	3470.01 MHz	3499.98 MHz	3529.98 MHz			3470.01 MHz	3499.98 MHz	3529.98 MHz			3470.01 MHz	3499.98 MHz	3529.98 MHz	
	21.48	21.08	20.86			24.85	24.72	24.56			19.06	19.15	19.20	
30 MHz	631000	633332	635666		30 MHz	631000	633332	635666		30 MHz	631000	633332	635666	
	3465 MHz	3499.98 MHz	3534.99 MHz			3465 MHz	3499.98 MHz	3534.99 MHz			3465 MHz	3499.98 MHz	3534.99 MHz	
	21.42	20.95	20.79			24.79	24.61	24.52			19.16	19.13	19.21	
25 MHz	630834	633332	635832		25 MHz	630834	633332	635832		25 MHz	630834	633332	635832	
	3462.51 MHz	3499.98 MHz	3537.48 MHz			3462.51 MHz	3499.98 MHz	3537.48 MHz			3462.51 MHz	3499.98 MHz	3537.48 MHz	
	21.38	20.81	20.74			24.74	24.47	24.48			19.12	19.09	19.16	
20 MHz	630668	633332	636000		20 MHz	630668	633332	636000		20 MHz	630668	633332	636000	
	3460.02 MHz	3499.98 MHz	3540 MHz			3460.02 MHz	3499.98 MHz	3540 MHz			3460.02 MHz	3499.98 MHz	3540 MHz	
	21.33	20.73	20.55			24.61	24.26	24.31			19.13	19.19	19.11	
15 MHz	630500	633332	636166		15 MHz	630500	633332	636166		15 MHz	630500	633332	636166	
	3457.50 MHz	3499.98 MHz	3542.49 MHz			3457.50 MHz	3499.98 MHz	3542.49 MHz			3457.50 MHz	3499.98 MHz	3542.49 MHz	
	21.15	20.52	20.36			24.52	24.15	24.28			19.12	19.08	19.22	
10 MHz	630334	633332	636332		10 MHz	630334	633332	636332		10 MHz	630334	633332	636332	
	3455.01 MHz	3499.98 MHz	3544.98 MHz			3455.01 MHz	3499.98 MHz	3544.98 MHz			3455.01 MHz	3499.98 MHz	3544.98 MHz	
	21.23	20.43	20.25			24.45	24.08	24.15			19.15	19.02	19.13	

NR Band n77 (PC2, 3700-3980 MHz) (ANT F)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Average POWER (dBm)				
					Measured Pwr (dBm)			MPR	Tune-up Limit
					650000	656000	662000		
					3750.00 MHz	3840.00 MHz	3930.00 MHz		
100 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.97	23.00	22.90	0.5	26.5
			1	1	26.47	26.71	26.46	0.0	27.0
			1	136	26.40	26.32	26.28	0.0	27.0
			1	271	26.46	26.53	26.45	0.0	27.0
			1	272	22.73	22.93	22.87	0.5	26.5
			135	0	26.09	26.00	25.91	0.5	26.5
			135	69	26.37	26.47	26.39	0.0	27.0
			135	138	25.91	25.84	25.91	0.5	26.5
		QPSK	270	0	26.02	25.97	25.90	0.5	26.5
			1	0	22.87	22.91	22.87	1.0	26.0
			1	1	26.47	26.59	26.51	0.0	27.0
			1	136	26.23	26.24	26.32	0.0	27.0
			1	271	26.38	26.40	26.66	0.0	27.0
			1	272	22.92	22.80	22.94	1.0	26.0
			135	0	25.43	25.49	25.49	1.0	26.0
			135	69	26.33	26.33	26.28	0.0	27.0
			135	138	25.41	25.34	25.39	1.0	26.0
		16QAM	270	0	25.43	25.47	25.39	1.0	26.0
			1	0	22.89	22.86	22.94	2.0	25.0
			1	1	25.36	25.49	25.46	1.0	26.0
			1	136	25.06	25.30	25.07	1.0	26.0
			1	271	25.27	25.39	25.55	1.0	26.0
			1	272	22.82	22.78	22.94	2.0	25.0
			135	0	24.46	24.43	24.42	2.0	25.0
			135	69	25.25	25.36	25.24	1.0	26.0
			135	138	24.36	24.26	24.33	2.0	25.0
		64QAM	270	0	24.41	24.37	24.25	2.0	25.0
			1	1	23.73	23.85	23.99	2.5	24.5
		256QAM	1	1	21.87	22.10	21.83	4.5	22.5
	CP-OFDM	QPSK	1	0	23.07	23.04	23.08	3.0	24.0
			1	1	25.12	25.14	25.09	1.5	25.5
			1	136	24.63	24.79	24.86	1.5	25.5
			1	271	25.18	25.19	25.10	1.5	25.5
			1	272	23.21	22.82	23.07	3.0	24.0
			135	0	23.39	23.44	23.38	3.0	24.0
			135	69	24.79	24.60	24.77	1.5	25.5
			135	138	23.46	23.27	23.46	3.0	24.0
		16QAM	270	0	23.52	23.34	23.30	3.0	24.0
			1	0	23.06	22.73	22.99	3.0	24.0
			1	1	24.46	24.15	24.67	2.0	25.0
			1	136	23.82	24.25	24.41	2.0	25.0
			1	271	24.25	24.26	24.29	2.0	25.0
			1	272	23.03	22.80	23.11	3.0	24.0
			135	0	23.47	23.40	23.42	3.0	24.0
			135	69	24.46	24.55	24.30	2.0	25.0
			135	138	23.43	23.31	23.24	3.0	24.0
		64QAM	270	0	23.37	23.48	23.61	3.0	24.0
			1	1	22.80	22.70	22.57	3.5	23.5
		256QAM	1	1	19.95	19.81	19.61	6.5	20.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					649666	656000	662332		
					3744.99MHz	3840.00 MHz	3934.98MHz		
90 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.98	23.04	23.06	0.5	26.5
			1	1	26.70	26.54	26.56	0.0	27.0
			1	123	26.60	26.43	26.35	0.0	27.0
			1	243	26.54	26.43	26.53	0.0	27.0
			1	244	23.07	22.88	22.98	0.5	26.5
			120	0	26.02	26.05	26.04	0.5	26.5
			120	63	26.47	26.54	26.55	0.0	27.0
			120	125	25.98	25.90	25.94	0.5	26.5
			243	0	25.99	26.00	25.96	0.5	26.5
		QPSK	1	0	23.17	22.89	22.82	1.0	26.0
			1	1	26.52	26.43	26.30	0.0	27.0
			1	123	26.49	26.33	26.34	0.0	27.0
			1	243	26.65	26.14	26.34	0.0	27.0
			1	244	23.23	22.92	22.87	1.0	26.0
			120	0	25.57	25.53	25.41	1.0	26.0
			120	63	26.51	26.38	26.37	0.0	27.0
			120	125	25.56	25.37	25.41	1.0	26.0
			243	0	25.52	25.48	25.35	1.0	26.0
		16QAM	1	1	25.52	25.58	25.11	1.0	26.0
			1	123	25.48	25.47	25.15	1.0	26.0
			1	243	25.58	25.58	25.31	1.0	26.0
		64QAM	1	1	23.91	23.90	23.97	2.5	24.5
		256QAM	1	1	21.84	22.02	21.85	4.5	22.5
	CP-OFDM	QPSK	1	1	25.30	24.91	25.30	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					649334	656000	662666		
					3740.01 MHz	3840.00 MHz	3939.99 MHz		
80 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.81	22.89	22.86	0.5	26.5
			1	1	26.71	26.47	26.40	0.0	27.0
			1	108	26.47	26.25	26.36	0.0	27.0
			1	215	26.33	26.38	26.51	0.0	27.0
			1	216	22.73	22.77	22.95	0.5	26.5
			108	0	26.05	26.02	25.99	0.5	26.5
			108	54	26.60	26.56	26.47	0.0	27.0
			108	108	25.99	25.86	25.97	0.5	26.5
			216	0	26.07	26.04	25.94	0.5	26.5
		QPSK	1	0	22.92	22.79	22.64	1.0	26.0
			1	1	26.51	26.41	26.25	0.0	27.0
			1	108	26.43	26.24	26.14	0.0	27.0
			1	215	26.42	26.28	26.29	0.0	27.0
			1	216	22.85	22.72	22.62	1.0	26.0
			108	0	25.56	25.54	25.44	1.0	26.0
			108	54	26.69	26.47	26.28	0.0	27.0
			108	109	25.41	25.38	25.39	1.0	26.0
			216	0	25.52	25.49	25.39	1.0	26.0
		16QAM	1	1	25.58	25.52	25.13	1.0	26.0
			1	108	25.43	25.45	25.10	1.0	26.0
			1	215	25.46	25.35	25.33	1.0	26.0
		64QAM	1	1	23.88	23.86	23.84	2.5	24.5
		256QAM	1	1	21.59	21.90	21.90	4.5	22.5
	CP-OFDM	QPSK	1	1	25.02	24.91	24.96	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					649000	656000	663000		
					3735.00 MHz	3840.00 MHz	3945.00 MHz		
70 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.84	22.86	22.90	0.5	26.5
			1	1	26.55	26.54	26.47	0.0	27.0
			1	94	26.42	26.31	26.36	0.0	27.0
			1	187	26.39	26.39	26.45	0.0	27.0
			1	188	22.67	22.69	22.82	0.5	26.5
			90	0	26.06	26.23	25.93	0.5	26.5
			90	49	26.53	26.56	26.53	0.0	27.0
			90	99	25.98	25.91	25.97	0.5	26.5
			180	0	26.07	25.95	25.97	0.5	26.5
		QPSK	1	0	22.87	22.81	22.65	1.0	26.0
			1	1	26.60	26.48	26.21	0.0	27.0
			1	94	26.41	26.25	26.17	0.0	27.0
			1	187	26.33	26.34	26.35	0.0	27.0
			1	188	22.82	22.65	22.69	1.0	26.0
			90	0	25.47	25.53	25.45	1.0	26.0
			90	49	26.42	26.38	26.56	0.0	27.0
			90	99	25.39	25.31	25.51	1.0	26.0
			180	0	25.48	25.48	25.43	1.0	26.0
		16QAM	1	1	25.49	25.50	25.08	1.0	26.0
			1	94	25.36	25.44	24.97	1.0	26.0
			1	187	25.40	25.33	25.02	1.0	26.0
		64QAM	1	1	23.73	23.77	23.92	2.5	24.5
		256QAM	1	1	22.06	22.23	22.26	4.5	22.5
	CP-OFDM	QPSK	1	1	25.06	24.83	25.00	1.5	25.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					648668	656000	663332		
					3730.02 MHz	3840.00 MHz	3949.98 MHz		
60 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.64	22.69	22.85	0.5	26.5
			1	1	26.30	26.27	26.39	0.0	27.0
			1	80	26.47	26.28	26.53	0.0	27.0
			1	160	26.45	26.17	26.50	0.0	27.0
			1	161	22.85	22.58	22.90	0.5	26.5
			81	0	25.97	25.82	25.89	0.5	26.5
			81	40	26.36	26.24	26.35	0.0	27.0
			81	81	25.94	25.72	25.88	0.5	26.5
		QPSK	162	0	25.95	25.87	25.87	0.5	26.5
			1	0	22.76	22.60	22.61	1.0	26.0
			1	1	26.35	26.13	26.28	0.0	27.0
			1	80	26.33	26.08	26.29	0.0	27.0
			1	160	26.41	26.23	26.38	0.0	27.0
			1	161	22.78	22.50	22.70	1.0	26.0
			81	0	25.46	25.32	25.34	1.0	26.0
			81	40	26.32	26.18	26.26	0.0	27.0
			81	81	25.45	25.31	25.38	1.0	26.0
			162	0	25.33	25.29	25.42	1.0	26.0
		16QAM	1	1	25.31	25.34	25.18	1.0	26.0
			1	80	25.30	25.31	25.25	1.0	26.0
			1	160	25.41	25.25	25.23	1.0	26.0
		64QAM	1	1	23.59	23.71	23.77	2.5	24.5
		256QAM	1	1	21.85	21.58	21.87	4.5	22.5
	CP-OFDM	QPSK	1	1	24.92	24.79	24.85	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					648334	656000	663666		
					3725.01 MHz	3840.00 MHz	3954.99 MHz		
50 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.95	22.83	23.00	0.5	26.5
			1	1	26.57	26.43	26.48	0.0	27.0
			1	66	26.57	26.59	26.64	0.0	27.0
			1	131	26.52	26.35	26.51	0.0	27.0
			1	132	22.90	22.78	22.81	0.5	26.5
			64	0	26.22	26.00	26.05	0.5	26.5
			64	34	26.74	26.63	26.66	0.0	27.0
			64	69	26.24	26.00	26.01	0.5	26.5
		QPSK	128	0	26.13	26.11	26.05	0.5	26.5
			1	0	22.94	22.88	22.80	1.0	26.0
			1	1	26.48	26.43	26.34	0.0	27.0
			1	66	26.58	26.52	26.34	0.0	27.0
			1	131	26.54	26.33	26.27	0.0	27.0
			1	132	23.07	22.72	22.68	1.0	26.0
			64	0	25.63	25.53	25.52	1.0	26.0
			64	34	26.75	26.60	26.51	0.0	27.0
			64	69	25.69	25.58	25.46	1.0	26.0
			128	0	25.65	25.56	25.50	1.0	26.0
		16QAM	1	1	25.67	25.52	25.12	1.0	26.0
			1	66	25.71	25.64	25.17	1.0	26.0
			1	131	25.60	25.51	24.94	1.0	26.0
		64QAM	1	1	23.81	23.99	23.79	2.5	24.5
		256QAM	1	1	22.09	21.73	22.02	4.5	22.5
	CP-OFDM	QPSK	1	1	25.05	24.84	25.04	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					648000	656000	664000		
					3720.02 MHz	3840.00 MHz	3960.00 MHz		
40 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.79	22.59	22.79	0.5	26.5
			1	1	26.44	26.10	26.29	0.0	27.0
			1	52	26.56	26.26	26.22	0.0	27.0
			1	104	26.34	26.15	26.17	0.0	27.0
			1	105	22.86	22.60	22.55	0.5	26.5
			50	0	26.00	25.93	25.95	0.5	26.5
			50	28	26.57	26.48	26.45	0.0	27.0
			50	56	26.02	25.77	25.81	0.5	26.5
		QPSK	100	0	25.97	25.94	25.82	0.5	26.5
			1	0	22.78	22.49	22.50	1.0	26.0
			1	1	26.54	26.05	26.14	0.0	27.0
			1	52	26.41	26.17	26.19	0.0	27.0
			1	104	26.51	26.11	26.18	0.0	27.0
			1	105	22.87	22.55	22.51	1.0	26.0
			50	0	25.51	25.44	25.32	1.0	26.0
			50	28	26.43	26.31	26.31	0.0	27.0
			50	56	25.51	25.33	25.32	1.0	26.0
			100	0	25.41	25.33	25.35	1.0	26.0
		16QAM	1	1	25.38	25.15	25.15	1.0	26.0
			1	52	25.44	25.23	25.03	1.0	26.0
			1	104	25.47	25.17	25.03	1.0	26.0
		64QAM	1	1	23.80	23.60	23.71	2.5	24.5
		256QAM	1	1	21.69	21.76	21.56	4.5	22.5
	CP-OFDM	QPSK	1	1	25.07	24.82	24.82	1.5	25.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					647668	656000	664332		
					3715.02 MHz	3840.00 MHz	3964.98 MHz		
30 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.85	22.71	22.80	0.5	26.5
			1	1	26.46	26.35	26.48	0.0	27.0
			1	39	26.58	26.31	26.36	0.0	27.0
			1	76	26.48	26.46	26.35	0.0	27.0
			1	77	22.88	22.75	22.78	0.5	26.5
			36	0	26.04	25.97	25.84	0.5	26.5
			36	21	26.64	26.49	26.36	0.0	27.0
			36	42	26.03	26.06	25.84	0.5	26.5
		QPSK	75	0	26.04	25.99	25.84	0.5	26.5
			1	0	22.94	22.58	22.55	1.0	26.0
			1	1	26.52	26.29	26.16	0.0	27.0
			1	39	26.45	26.18	26.18	0.0	27.0
			1	76	26.47	26.29	26.27	0.0	27.0
			1	77	23.09	22.67	22.60	1.0	26.0
			36	0	25.55	25.44	25.35	1.0	26.0
			36	21	26.52	26.39	26.33	0.0	27.0
			36	42	25.52	25.49	25.35	1.0	26.0
			75	0	25.48	25.40	25.35	1.0	26.0
		16QAM	1	1	25.45	25.40	24.95	1.0	26.0
			1	39	25.50	25.39	24.94	1.0	26.0
			1	76	25.56	25.45	24.96	1.0	26.0
		64QAM	1	1	23.72	23.56	23.63	2.5	24.5
		256QAM	1	1	22.05	21.90	21.51	4.5	22.5
	CP-OFDM	QPSK	1	1	25.05	24.92	24.88	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					647500	656000	664500		
					3712.5 MHz	3840.00 MHz	3967.5 MHz		
25 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.79	22.77	22.78	0.5	26.5
			1	1	26.50	26.32	26.29	0.0	27.0
			1	32	26.47	26.35	26.30	0.0	27.0
			1	63	26.47	26.40	26.22	0.0	27.0
			1	64	22.84	22.67	22.65	0.5	26.5
			32	0	26.01	25.89	25.79	0.5	26.5
			32	16	26.60	26.42	26.29	0.0	27.0
			32	33	25.97	25.97	25.80	0.5	26.5
		QPSK	64	0	26.01	25.86	25.81	0.5	26.5
			1	0	22.88	22.64	22.57	1.0	26.0
			1	1	26.48	26.27	26.15	0.0	27.0
			1	32	26.56	26.18	26.12	0.0	27.0
			1	63	26.35	26.24	26.07	0.0	27.0
			1	64	23.07	22.65	22.56	1.0	26.0
			32	0	25.53	25.41	25.27	1.0	26.0
			32	16	26.50	26.23	26.18	0.0	27.0
			32	33	25.49	25.35	25.24	1.0	26.0
			64	0	25.49	25.31	25.22	1.0	26.0
		16QAM	1	1	25.40	25.41	24.98	1.0	26.0
			1	32	25.40	25.20	24.87	1.0	26.0
			1	63	25.46	25.40	24.90	1.0	26.0
		64QAM	1	1	23.59	23.62	23.76	2.5	24.5
		256QAM	1	1	21.95	21.63	21.81	4.5	22.5
	CP-OFDM	QPSK	1	1	25.19	24.80	24.82	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					647334	656000	664666		
					3710.01 MHz	3840.00 MHz	3969.99 MHz		
20 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.66	22.56	22.60	0.5	26.5
			1	1	26.34	26.22	26.37	0.0	27.0
			1	26	26.42	26.24	26.36	0.0	27.0
			1	49	26.43	26.26	26.19	0.0	27.0
			1	50	22.75	22.59	22.55	0.5	26.5
			25	0	25.89	25.83	25.69	0.5	26.5
			25	13	26.49	26.41	26.25	0.0	27.0
			25	26	25.96	25.90	25.70	0.5	26.5
		QPSK	50	0	25.86	25.80	25.69	0.5	26.5
			1	0	22.75	22.59	22.51	1.0	26.0
			1	1	26.34	26.01	26.15	0.0	27.0
			1	26	26.27	26.10	26.15	0.0	27.0
			1	49	26.39	26.18	26.21	0.0	27.0
			1	50	22.80	22.56	22.49	1.0	26.0
			25	0	25.41	25.29	25.15	1.0	26.0
			25	13	26.35	26.34	26.14	0.0	27.0
			25	26	25.40	25.37	25.29	1.0	26.0
			50	0	25.40	25.25	25.22	1.0	26.0
		16QAM	1	1	25.23	25.20	24.91	1.0	26.0
			1	26	25.25	25.19	24.82	1.0	26.0
			1	49	25.36	25.33	24.91	1.0	26.0
		64QAM	1	1	23.41	23.50	23.57	2.5	24.5
		256QAM	1	1	21.79	21.47	21.75	4.5	22.5
	CP-OFDM	QPSK	1	1	24.90	24.59	24.86	1.5	25.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					647168	656000	664832		
					3709.52 MHz	3840.00 MHz	3972.48 MHz		
15 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.33	22.64	22.62	0.5	26.5
			1	1	26.40	26.26	26.26	0.0	27.0
			1	19	26.39	26.21	26.13	0.0	27.0
			1	36	26.52	26.34	26.27	0.0	27.0
			1	37	22.85	22.71	22.61	0.5	26.5
			18	0	25.88	25.75	25.67	0.5	26.5
			18	10	26.40	26.41	26.26	0.0	27.0
			18	20	25.92	25.88	25.70	0.5	26.5
		QPSK	36	0	25.91	25.77	25.62	0.5	26.5
			1	0	22.84	22.65	22.50	1.0	26.0
			1	1	26.40	26.11	26.06	0.0	27.0
			1	19	26.30	26.01	26.19	0.0	27.0
			1	36	26.51	26.25	26.28	0.0	27.0
			1	37	22.94	22.71	22.54	1.0	26.0
			18	0	25.40	25.21	25.15	1.0	26.0
			18	10	26.30	26.18	26.11	0.0	27.0
			18	20	25.42	25.35	25.14	1.0	26.0
			36	0	25.42	25.47	25.11	1.0	26.0
		16QAM	1	1	25.33	25.30	24.84	1.0	26.0
			1	19	25.24	25.23	24.85	1.0	26.0
			1	36	25.37	25.29	24.90	1.0	26.0
		64QAM	1	1	23.66	23.50	23.59	2.5	24.5
		256QAM	1	1	21.83	21.54	21.82	4.5	22.5
	CP-OFDM	QPSK	1	1	24.87	24.70	24.35	1.5	25.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					647000	656000	665000		
					3705.00 MHz	3840.00 MHz	3975.00 MHz		
10 MHz	DFT-s-OFDM	$\pi/2$ BPSK	1	0	22.74	22.72	22.74	0.5	26.5
			1	1	26.43	26.41	26.29	0.0	27.0
			1	12	26.53	26.41	26.27	0.0	27.0
			1	22	26.51	26.45	26.33	0.0	27.0
			1	23	22.86	22.71	22.75	0.5	26.5
			12	0	25.91	25.79	25.68	0.5	26.5
			12	6	26.45	26.39	26.34	0.0	27.0
			12	12	26.11	25.96	25.85	0.5	26.5
		QPSK	24	0	25.94	25.92	25.75	0.5	26.5
			1	0	22.86	22.61	22.49	1.0	26.0
			1	1	26.49	26.29	26.16	0.0	27.0
			1	12	26.45	26.29	26.12	0.0	27.0
			1	22	26.63	26.31	26.20	0.0	27.0
			1	23	22.94	22.66	22.61	1.0	26.0
			12	0	25.46	25.35	25.31	1.0	26.0
			12	6	26.37	26.31	26.23	0.0	27.0
			12	12	25.49	25.45	25.41	1.0	26.0
			24	0	25.46	25.39	25.19	1.0	26.0
		16QAM	1	1	25.31	25.30	24.97	1.0	26.0
			1	12	25.27	25.38	24.95	1.0	26.0
			1	22	25.40	25.36	25.06	1.0	26.0
		64QAM	1	1	23.78	23.91	23.55	2.5	24.5
		256QAM	1	1	21.92	21.61	21.80	4.5	22.5
	CP-OFDM	QPSK	1	1	24.82	24.73	24.55	1.5	25.5

NR Band n77 (PC2, 3700-3980 MHz, SRS)

Maximum Average Power (dBm) SRS2				Tune-up Limit	Maximum Average Power (dBm) SRS3				Tune-up Limit	Maximum Average Power (dBm) SRS4				Tune-up Limit
				22.5					26.5					21.5
100 MHz	650000	656000	662000		100 MHz	650000	656000	662000		100 MHz	650000	656000	662000	
	3750 MHz	3840 MHz	3930 MHz			3750 MHz	3840 MHz	3930 MHz			3750 MHz	3840 MHz	3930 MHz	
	21.95	21.92	21.25			25.42	25.33	25.13			20.48	20.82	20.84	
90 MHz	649668	656000	662332		90 MHz	649668	656000	662332		90 MHz	649668	656000	662332	
	3745.02 MHz	3840 MHz	3934.98MHz			3745.02 MHz	3840 MHz	3934.98MHz			3745.02 MHz	3840 MHz	3934.98MHz	
	21.82	21.91	21.36			25.38	25.29	25.05			20.42	20.76	20.81	
80 MHz	649334	656000	662666		80 MHz	649334	656000	662666		80 MHz	649334	656000	662666	
	3740.01 MHz	3840 MHz	3939.99 MHz			3740.01 MHz	3840 MHz	3939.99 MHz			3740.01 MHz	3840 MHz	3939.99 MHz	
	21.89	21.93	21.41			25.31	25.18	24.95			20.35	20.72	20.68	
70 MHz	649000	656000	663000		70 MHz	649000	656000	663000		70 MHz	649000	656000	663000	
	3735MHz	3840 MHz	3945MHz			3735MHz	3840 MHz	3945MHz			3735MHz	3840 MHz	3945MHz	
	21.76	21.89	21.48			25.25	25.11	24.88			20.32	20.65	20.61	
60 MHz	648668	656000	663332		60 MHz	648668	656000	663332		60 MHz	648668	656000	663332	
	3730.02 MHz	3840 MHz	3949.98 MHz			3730.02 MHz	3840 MHz	3949.98 MHz			3730.02 MHz	3840 MHz	3949.98 MHz	
	21.82	21.94	21.55			25.20	25.16	24.81			20.28	20.59	20.45	
50 MHz	648334	656000	663666		50 MHz	648334	656000	663666		50 MHz	648334	656000	663666	
	3725.01 MHz	3840 MHz	3954.99 MHz			3725.01 MHz	3840 MHz	3954.99 MHz			3725.01 MHz	3840 MHz	3954.99 MHz	
	21.77	21.83	21.52			25.19	25.18	24.75			20.22	20.52	20.25	
40 MHz	648000	656000	664000		40 MHz	648000	656000	664000		40 MHz	648000	656000	664000	
	3720.02 MHz	3840 MHz	3960 MHz			3720.02 MHz	3840 MHz	3960 MHz			3720.02 MHz	3840 MHz	3960 MHz	
	21.79	21.85	21.38			25.20	25.16	24.70			20.12	20.56	20.18	
30 MHz	647668	656000	664332		30 MHz	647668	656000	664332		30 MHz	647668	656000	664332	
	3715.02 MHz	3840 MHz	3964.98 MHz			3715.02 MHz	3840 MHz	3964.98 MHz			3715.02 MHz	3840 MHz	3964.98 MHz	
	21.69	21.79	21.25			25.22	25.13	24.60			20.18	20.55	20.15	
25 MHz	647500	656000	664500		25 MHz	647500	656000	664500		25 MHz	647500	656000	664500	
	3712.5 MHz	3840 MHz	3967.5 MHz			3712.5 MHz	3840 MHz	3967.5 MHz			3712.5 MHz	3840 MHz	3967.5 MHz	
	21.82	21.77	21.13			25.16	25.10	24.59			20.13	20.41	20.12	
20 MHz	647334	656000	664666		20 MHz	647334	656000	664666		20 MHz	647334	656000	664666	
	3710.01 MHz	3840 MHz	3969.99 MHz			3710.01 MHz	3840 MHz	3969.99 MHz			3710.01 MHz	3840 MHz	3969.99 MHz	
	21.85	21.89	21.16			25.15	25.05	24.52			20.12	20.49	20.08	
15 MHz	647168	656000	664832		15 MHz	647168	656000	664832		15 MHz	647168	656000	664832	
	3707.52 MHz	3840 MHz	3972.48 MHz			3707.52 MHz	3840 MHz	3972.48 MHz			3707.52 MHz	3840 MHz	3972.48 MHz	
	21.91	21.83	21.12			25.10	25.09	24.48			20.10	20.58	20.03	
10 MHz	647000	656000	665000		10 MHz	647000	656000	665000		10 MHz	647000	656000	665000	
	3705 MHz	3840 MHz	3975 MHz			3705 MHz	3840 MHz	3975 MHz			3705 MHz	3840 MHz	3975 MHz	
	21.92	21.90	21.10			25.14	25.03	24.41			20.13	20.61	19.92	

8.2. PEAK TO AVERAGE RATIO

Test Procedure

Per KDB 971168 D01 Power Meas License Digital Systems v03r01;

The transmitter output was connected to either CMW500 Test Set or E7515B Test set and configured to operate at maximum power. The PAR were measured on the Spectrum Analyzer.

Test Spec

In addition, when the transmitter power is measured in terms of average value, the peak-to-average ratio of the power shall not exceed 13 dB.

NOTE

LTE: It was all modulations and worst modulations(QPSK, 256QAM) is reported.

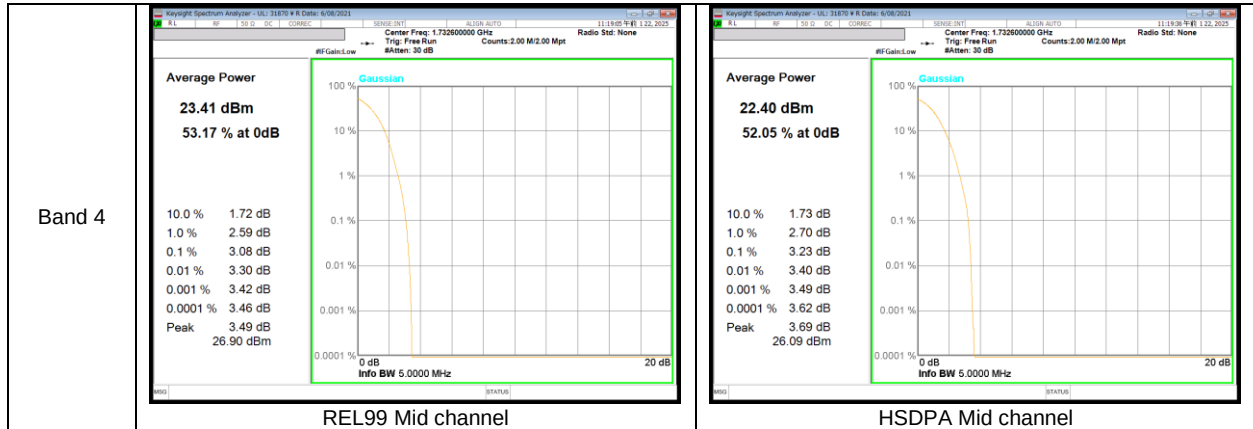
5G NR: All Waveforms (CP-OFDM vs DFT-s_OFDM) and modulations ($\pi/2$ BPSK, QPSK, 16QAM, 64QAM, 256QAM) were investigated to determine the worst case configuration. All Modes of operation were investigated and the worst case configuration results are reported in this section.

RESULTS

See the following pages.

8.2.1. CONDUCTED PEAK TO AVERAGE RESULT

WCDMA (ANT A)



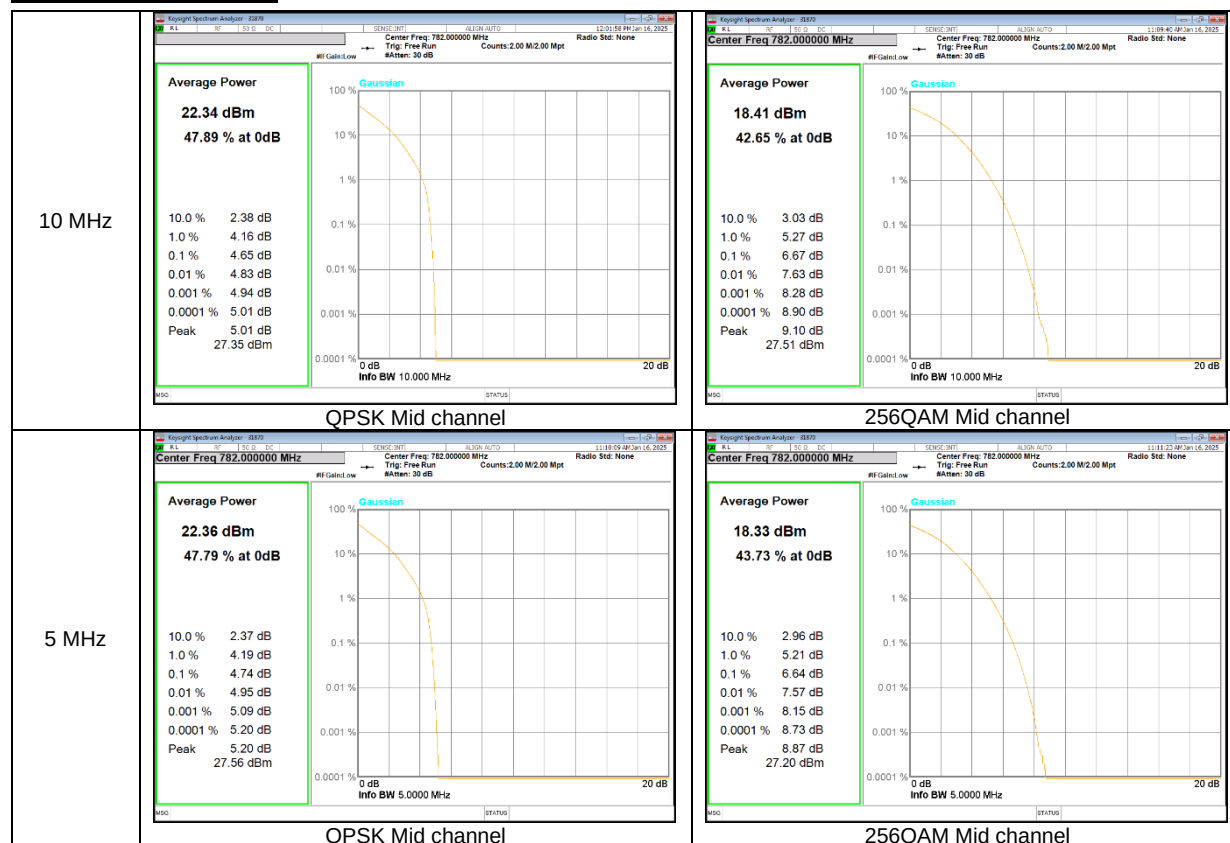
LTE Band 7 (ANT B)



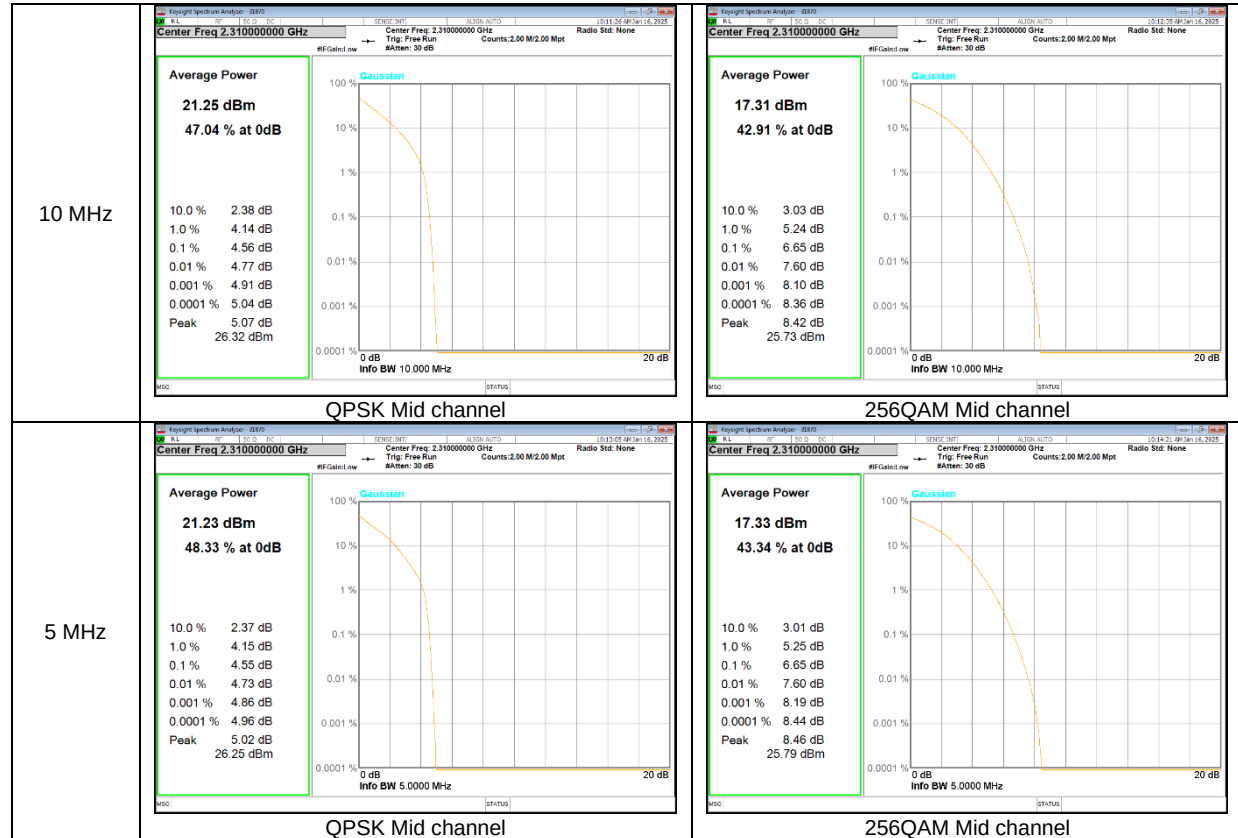
LTE Band 12 (ANT A)



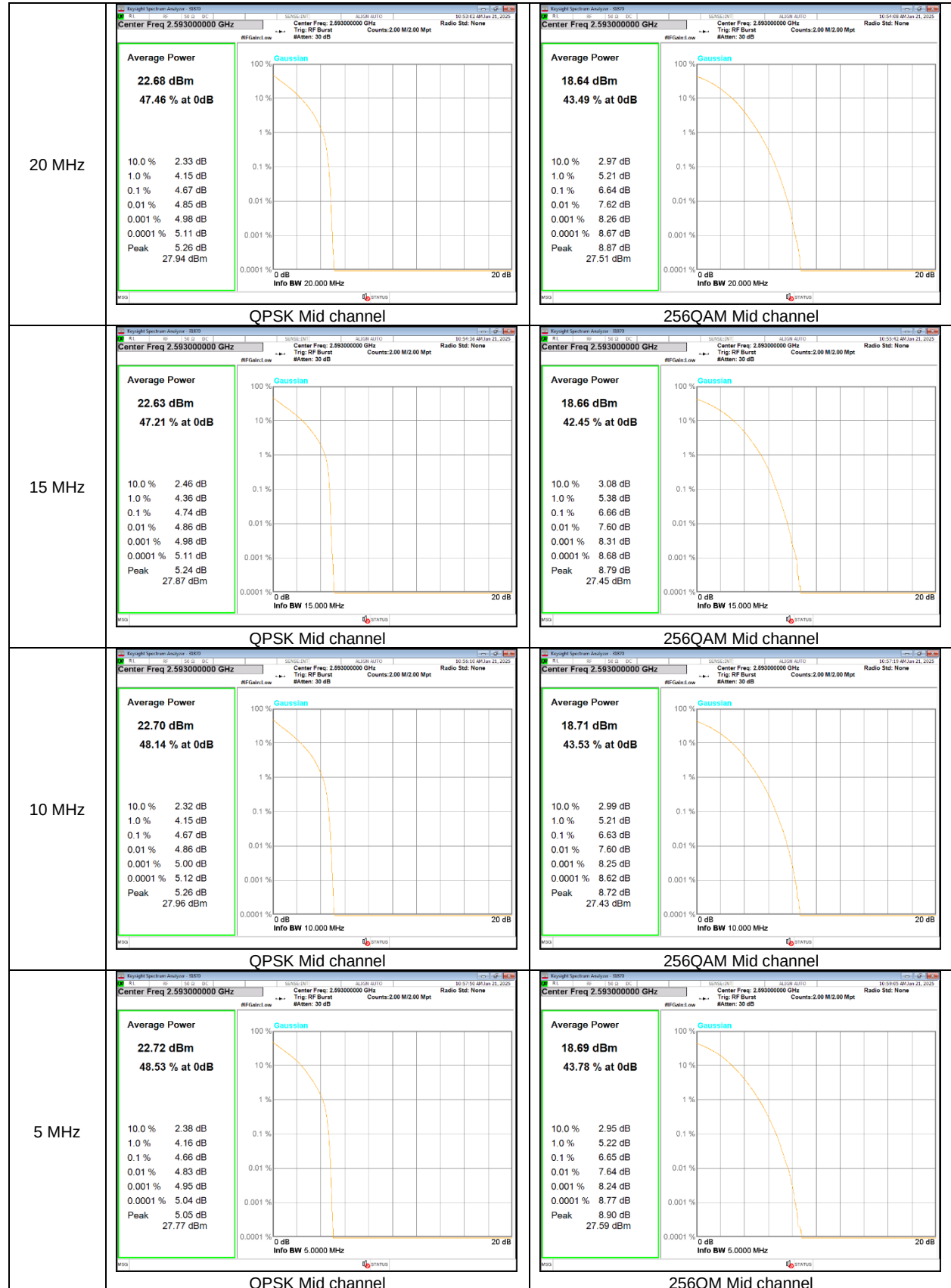
LTE Band 13 (ANT E)



LTE Band 30 (ANT A)

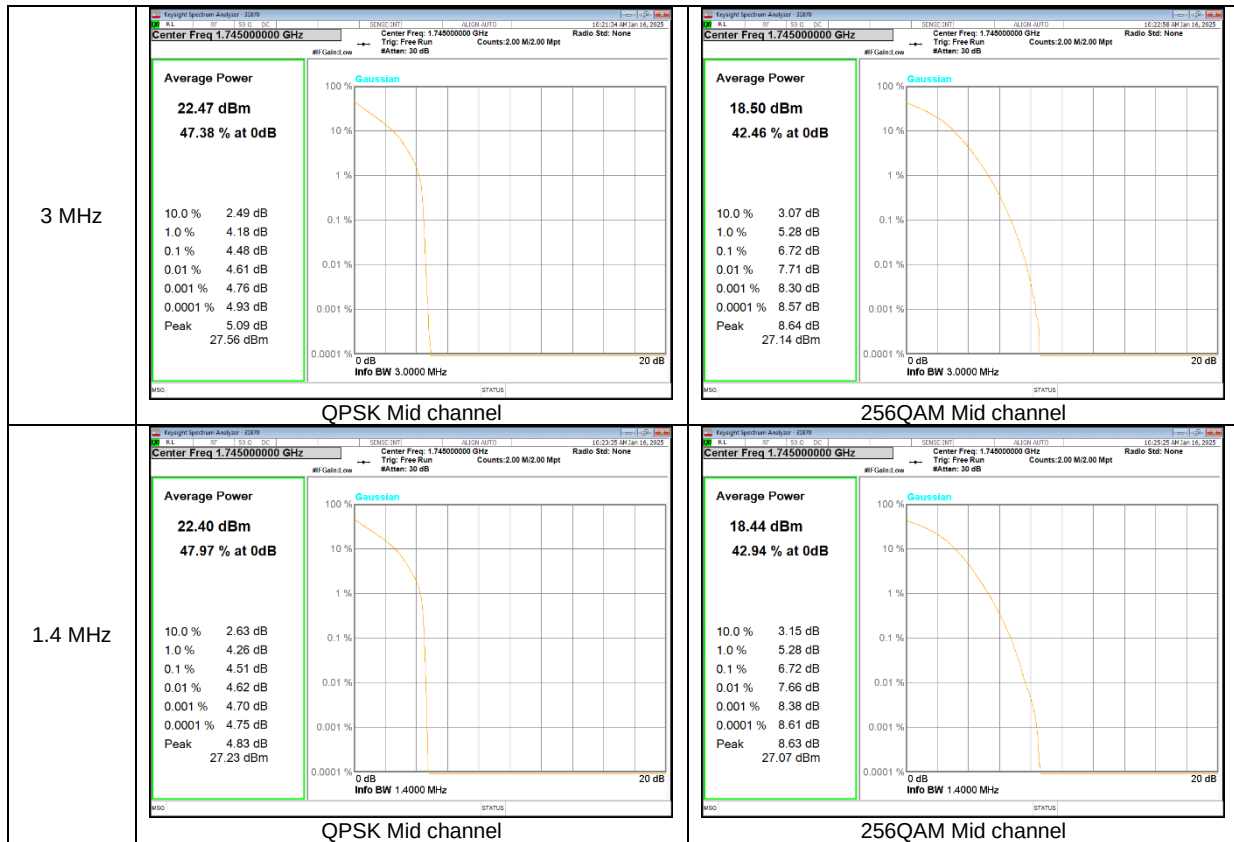


LTE Band 41 (PC3) (ANT F)



LTE Band 66 (ANT A)

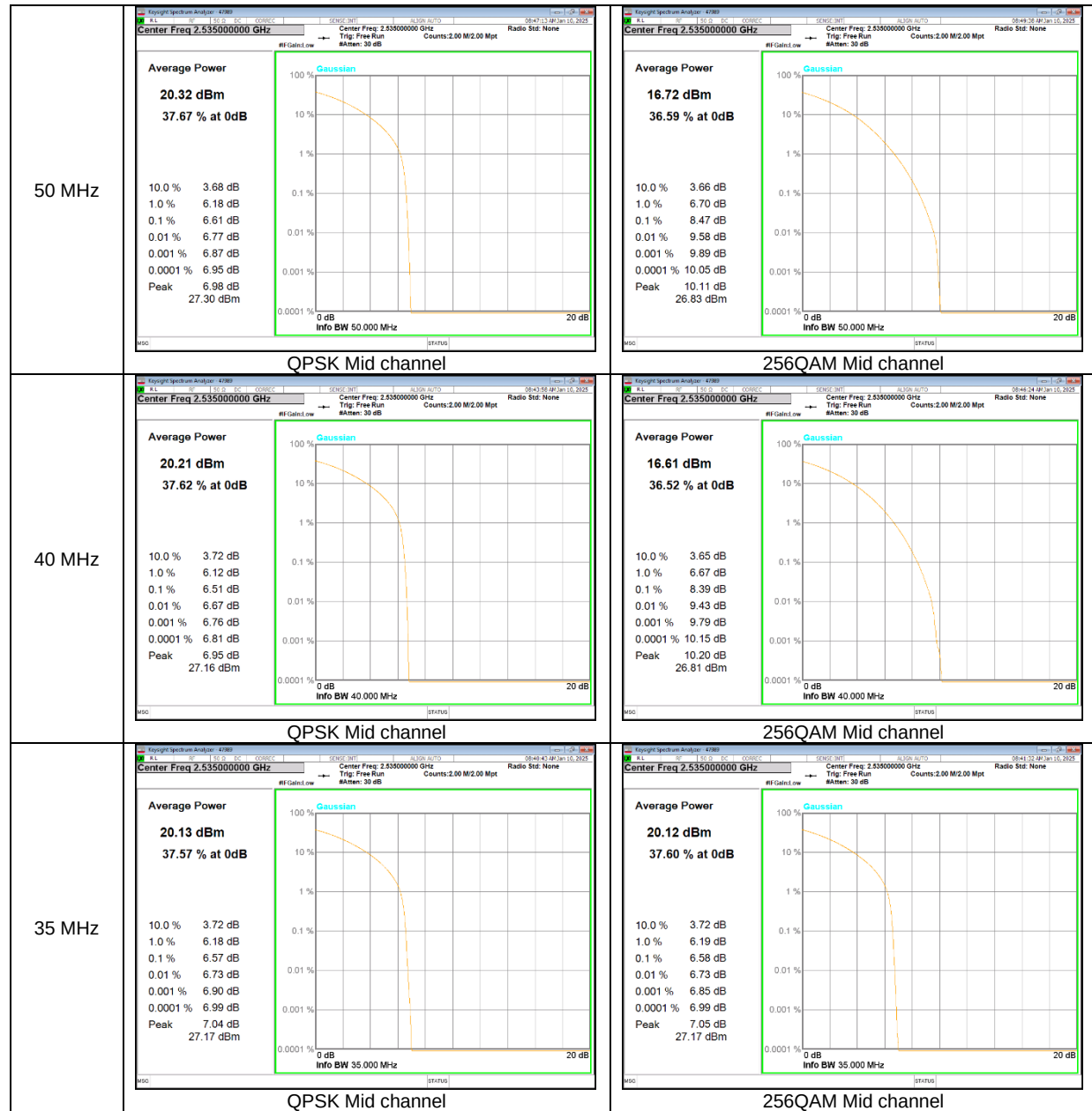


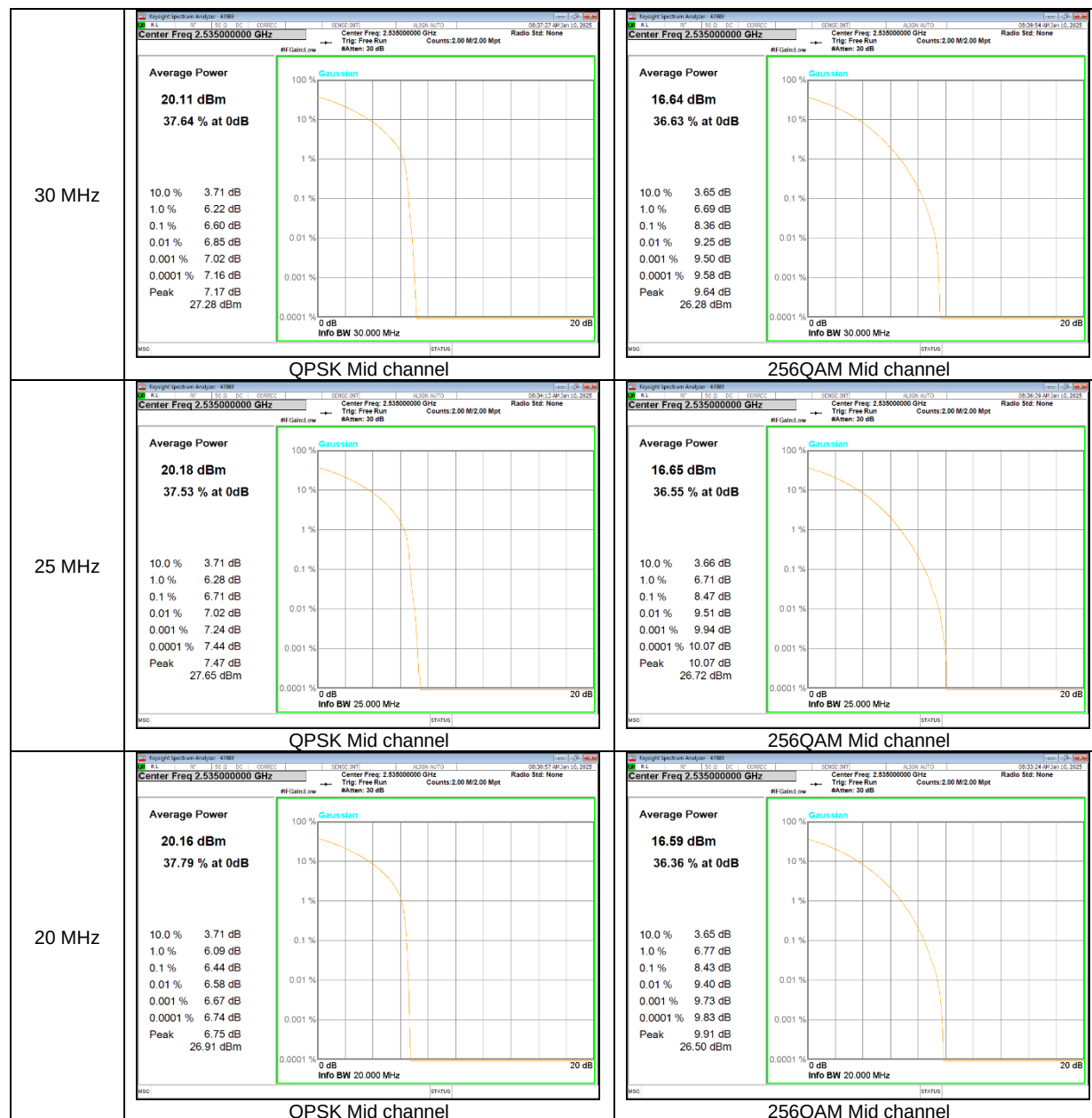


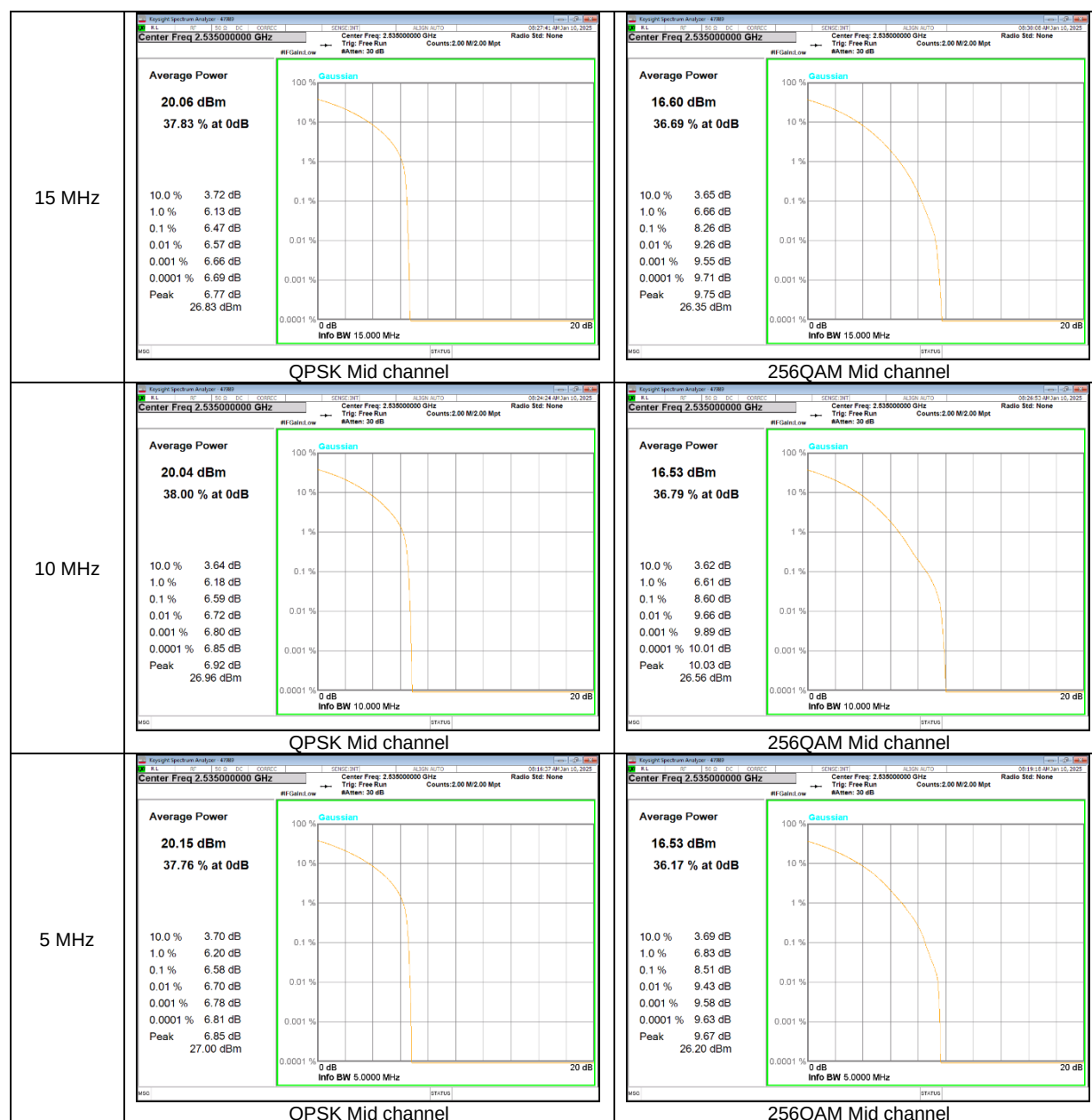
LTE Band 71 (ANT A)



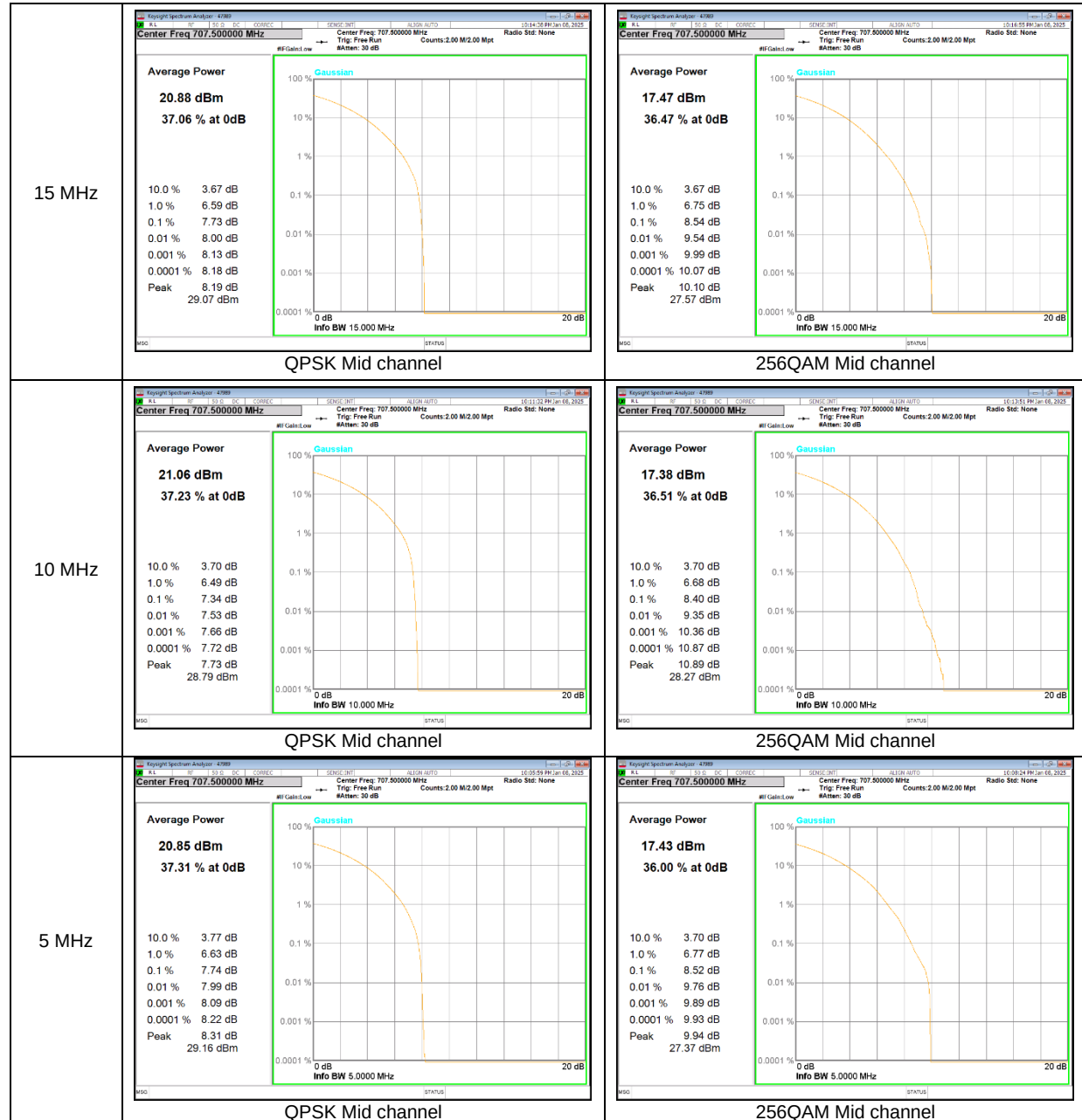
NR Band n7 CP-OFDM (ANT B)



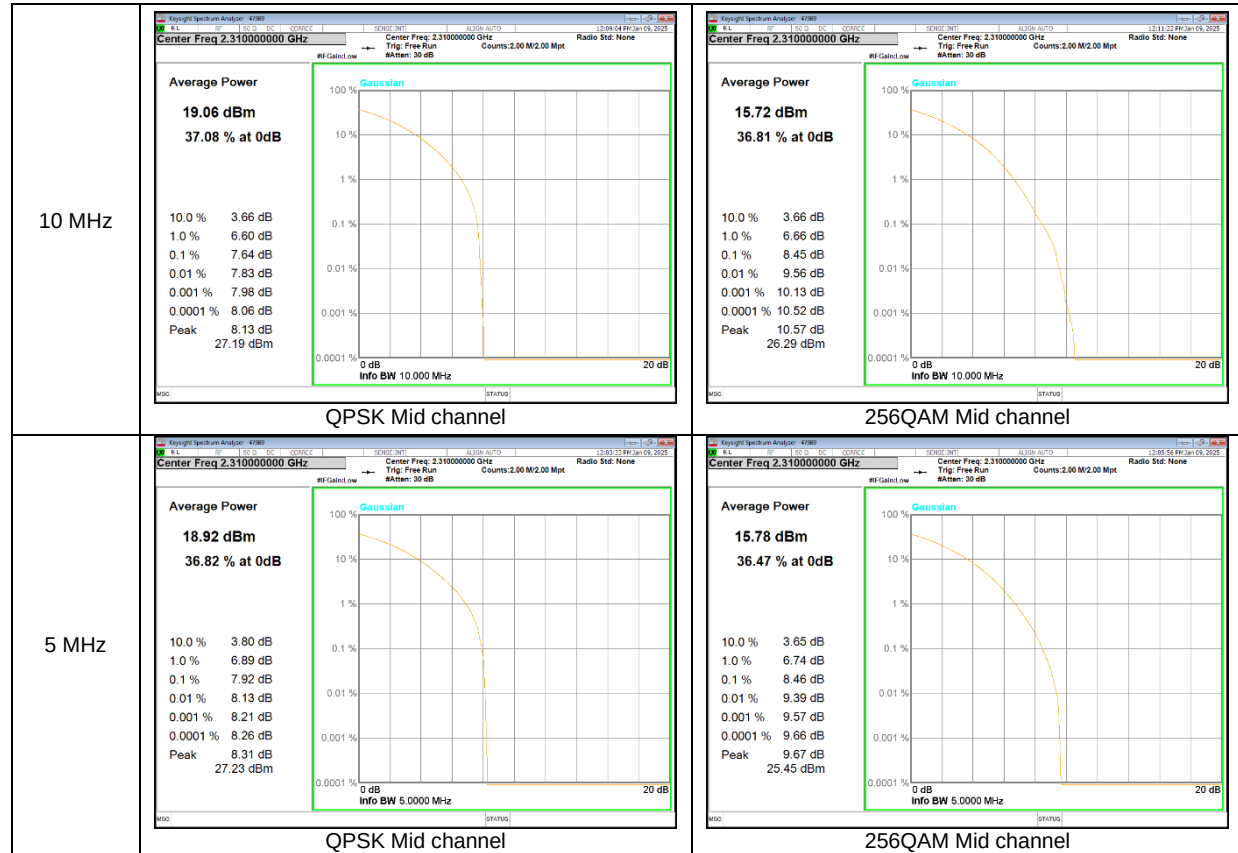




NR Band n12 CP-OFDM (ANT E)



NR Band n30 CP-OFDM (ANT A)



NR Band n41 CP-OFDM (ANT B)

