



FCC RADIO TEST REPORT

FCC ID : IHDT56AY1
Equipment : Mobile Cellular Phone
Brand Name : Motorola
Model Name : XT2701-1, XT2701-2
Applicant : Motorola Mobility LLC
222 W. Merchandise Mart Plaza, Chicago, IL 60654, USA
Manufacturer : Motorola Mobility LLC
222 W. Merchandise Mart Plaza, Chicago, IL 60654, USA
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(R), Part 90(S)

The product was received on Aug. 13, 2026 and testing was performed from Aug. 14, 2026 to Sep. 18, 2026. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	6
1.1 Product Feature of Equipment Under Test.....	6
1.2 Modification of EUT	9
1.3 Testing Location	9
1.4 Applicable Standards.....	9
2 Test Configuration of Equipment Under Test	10
2.1 Test Mode.....	10
2.2 Connection Diagram of Test System.....	11
2.3 Support Unit used in test configuration and system	11
2.4 Frequency List of Low/Middle/High Channels	12
3 Conducted Test Items.....	24
3.1 Measuring Instruments	24
3.2 Conducted Output Power and ERP/EIRP	25
3.3 Peak-to-Average Ratio	26
3.4 Occupied Bandwidth.....	27
3.5 Conducted Band Edge	28
3.6 Emission Mask.....	31
3.7 Conducted Spurious Emission	33
3.8 Frequency Stability	34
4 Radiated Test Items	35
4.1 Measuring Instruments	35
4.2 Radiated Spurious Emission Measurement	37
5 List of Measuring Equipment.....	39
6 Measurement Uncertainty	41
Appendix A. Test Results of Conducted Test	
Appendix B. Test Results of Radiated Test	



History of this test report

Report No.	Version	Description	Issue Date
FG672113B	01	Initial issue of report	Sep. 23, 2026



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Pass	Note
	§22.913 (a)(5) §90.635	Effective Radiated Power (Band 5) (Band 26)	Pass	
	§27.50 (b)(10) §27.50 (c)(10)	Effective Radiated Power (Band 12) (Band 13) (Band 17) (Band 71)		
	§24.232(c) §27.50(h)(2)	Equivalent Isotropic Radiated Power (Band 2) (Band 25) (Band 7) (Band 38) (Band 41)		
	§27.50 (d)(4)	Equivalent Isotropic Radiated Power (Band 4) (Band 66)		
	§27.50 (k)(3)	Equivalent Isotropic Radiated Power (Band 42)		
	§90.542 (a)(7)	Effective Radiated Power (Band 14)		
3.3	§24.232 (d) §27.50 (d)(5) §27.50 (k)(4)	Peak-to-Average Ratio	Pass	Note
3.4	§2.1049	Occupied Bandwidth	Pass	Note
3.5	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2)(4) §27.53 (g) §27.53 (h)	Conducted Band Edge Measurement (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	Pass	Note
	§2.1051 §27.53 (m)(4)	Conducted Band Edge Measurement (Band 7) (Band 38) (Band 41)		
	§2.1051 §27.53 (n)(2)	Conducted Band Edge Measurement (Band 42)		
	§2.1051 §90.543 (e)(2)	Conducted Band Edge Measuremen (Band 14)		
3.6	§2.1051 §90.210 (n)	Emission Mask (Band 14)	Pass	Note
	§2.1051 §90.691	Emission masks (Band 26)		
3.7	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (g) §27.53 (h) §90.691	Conducted Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	Pass	Note
	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (Band 7) (Band 38) (Band 41)		
	§2.1051 §27.53 (n)(2)	Conducted Spurious Emission (Band 42)		
	§2.1051 §90.543 (e)(2)	Conducted Spurious Emission (Band 14)		



Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.8	§2.1055 §22.355 §24.235 §27.54 §90.539 (e) §90.213	Frequency Stability Temperature & Voltage	Pass	Note
4.2	§2.1053 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (f) §27.53 (g) §27.53 (h) §90.691	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	Pass	Note
	§2.1053 §27.53 (m)(4)	Radiated Spurious Emission (Band 7) (Band 38) (Band 41)		
	§2.1053 §27.53 (n)(2)	Radiated Spurious Emission (Band 42)		
	§2.1053 §90.543 (e)(3) §90.543 (f)	Radiated Spurious Emission (Band 14)		

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Keven Cheng**Report Producer: Freda Wu**



1 General Description

1.1 Product Feature of Equipment Under Test

Product Specification subject to this standard	
General Specs	GSM/WCDMA/LTE/5G NR, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ax/be, Wi-Fi 5GHz 802.11a/n/ac/ax/be, Wi-Fi 6GHz 802.11a/ax/be, NFC, WPT, UWB and GNSS.
Antenna Type	WWAN: PIFA Antenna
Sample 1	P+E-SIM
Sample 2	P+P-SIM

Support band and evaluated information	
Supported band	B2,B4,B5,B7,B12,B13,B14,B17,B25,B26,B38,B41,B42,B66,B71, B2C,B7C, B38C,B41C,B42C,B66C
Evaluated and Tested band	B2,B4,B5,B7,B12,B13,B14,B17,B25,B26,B38,B41,B42,B66,B71, B2C,B7C, B38C,B41C,B42C,B66C

FDD/TDD band Power Class				
	SISO PC3	SISO PC2		
B2,B25,B2C	V			
B4,B66,B66C	V			
B5,B26	V			
B7,B7C	V			
B12	V			
B13	V			
B14	V			
B17	V			
B38/B38C	V			
B41/B41C	V	V		
B42/B42C	V			
B71	V			



	Max Antenna Gain information(dBi)						
Band	Ant 0	Ant 1	Ant 2	Ant 5	Ant 6	Ant 7	Main Ant. #
B2,B25		-1.7	-3.3		-2.7		2
B4,B66		-2.0	-3.2		-3.0		2
B5,B26	-5.2	-4.8					0
B7		-2.0	-1.3		-3.2		2
B12	-4.5	-6.0					0
B13	-4.6	-5.3					0
B14	-4.6	-5.3					0
B17	-4.5	-6.0					0
B38		-2.0	-1.3		-3.2		2
B41		-2.0	-1.3		-3.2		2
B42				-3.7		-0.3	7
B71	-6.8	-7.5					0

Remark:

1. The above EUT's information was declared by manufacturer. Please refer to Disclaimer in report summary.
2. All test items were performed with Sample 1.

EUT Information List	
IMEI	Performed Test Item
353070500008690	Conducted Measurement ERP/EIRP
353070500007790	Radiated Spurious Emission



Specification of Accessory				
AC Adapter 1(US)	Brand Name	Motorola (Salcomp)	Model Name	MC-901
AC Adapter 1(EU)	Brand Name	Motorola (Salcomp)	Model Name	MC-902
AC Adapter 1(UK)	Brand Name	Motorola (Salcomp)	Model Name	MC-903
AC Adapter 1(AR)	Brand Name	Motorola (Salcomp)	Model Name	MC-906
AC Adapter 1(BR)	Brand Name	Motorola (Salcomp)	Model Name	MC-907
AC Adapter 1(CHILE)	Brand Name	Motorola (Salcomp)	Model Name	MC-909
AC Adapter 2(IN)	Brand Name	Motorola (Salcomp)	Model Name	MC-904
AC Adapter 2(IN Local)	Brand Name	Motorola (Salcomp)	Model Name	MC-904
AC Adapter 3(US)	Brand Name	Motorola (AOHAI)	Model Name	MC-901
AC Adapter 3(EU)	Brand Name	Motorola (AOHAI)	Model Name	MC-902
AC Adapter 3(UK)	Brand Name	Motorola (AOHAI)	Model Name	MC-903
AC Adapter 3(AR)	Brand Name	Motorola (AOHAI)	Model Name	MC-906
AC Adapter 3(BR)	Brand Name	Motorola (AOHAI)	Model Name	MC-907
AC Adapter 3(CHILE)	Brand Name	Motorola (AOHAI)	Model Name	MC-909
AC Adapter 4(IN)	Brand Name	Motorola (AOHAI)	Model Name	MC-904
AC Adapter 4(IN Local)	Brand Name	Motorola (XIHI)	Model Name	MC-904
Battery	Brand Name	Motorola (ATL)	Model Name	TZ70
USB Cable 1	Brand Name	Motorola (Saibao)	Model Name	SC18D86731
USB Cable 2	Brand Name	Motorola (Luxshare)	Model Name	SC18E08103
USB Cable 3	Brand Name	Motorola (Saibao)	Model Name	SC18D71644
USB Cable 4	Brand Name	Motorola (Luxshare)	Model Name	SC18E08104
Protective case	Brand Name	Motorola (Techson)	Model Name	SS68F43462



1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

Test Site	Sporton International Inc. Wensan Laboratory	
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010 TEL: +886-3-327-0868 FAX: +886-3-327-0855	
Test Site No.	Sporton Site No.	
	TH05-HY	03CH21-HY
Test Engineer	Wei Shun Hung	Nick Ou,Jack Cheng,Ray Lung
Temperature (°C)	24.0-25.6	20.3~24.1
Relative Humidity (%)	59.7-60.4	59.8~67.2

Note: The test site complies with ANSI C63.4 2014 requirement.

FCC Designation No.: TW3786

1.4 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ ANSI C63.26-2015
- ♦ FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(R), Part 90(S)
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.
- ♦ FCC KDB 484596 D01 Referencing Test Data v03

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.



2 Test Configuration of Equipment Under Test

2.1 Test Mode

Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 with maximum output power.

For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape) and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and only the worst case emissions were reported in this report..

The detailed test modes associated with the referenced data are provided in the referenced reports.

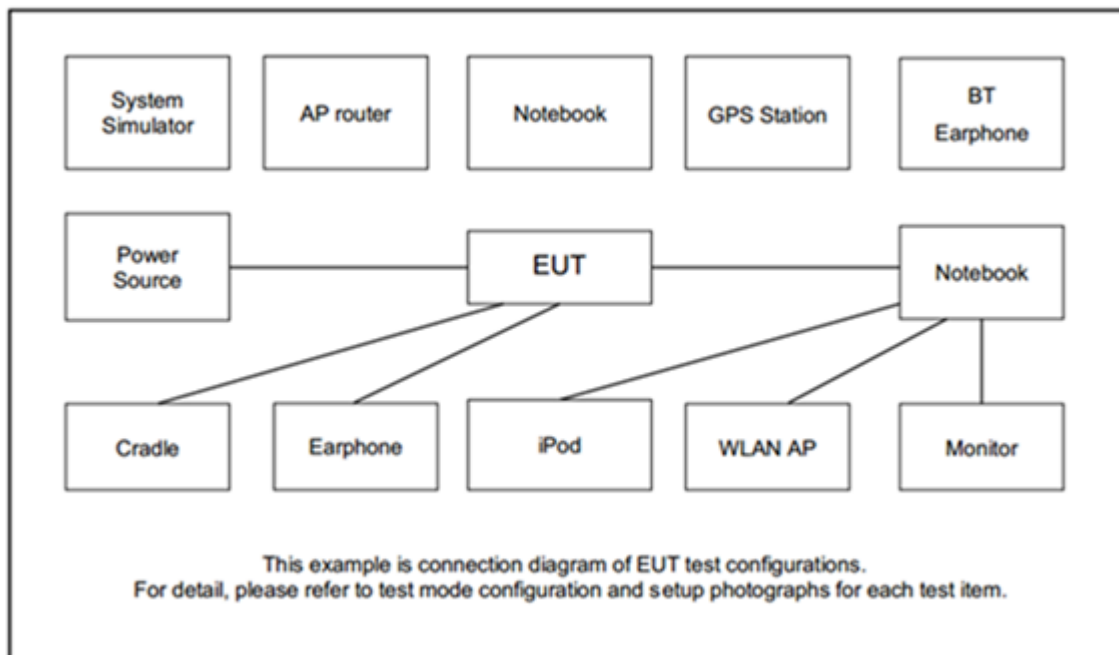
In this report, the conducted output power was measured and compared with the referenced report to confirm consistency. Since the verification results met the acceptance criteria, please refer to the referenced report for the remaining conducted-related test results.

Radiated spurious emission measurements were performed as specified in the ECR document, and the detailed radiated test modes and test results are shown in Appendix A.

Modulation Type	Modulation
A	QPSK
B	16QAM
C	64QAM
D	256QAM

Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B, C,D	All	1, Half, Full	L, M, H
RSE	A	Max	1RB	M

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	Base Station	Anritsu	MT8820	N/A	N/A	N/A
2.	Base Station	Anritsu	MT8821C	N/A	N/A	N/A
3.	Base Station	Anritsu	MT8000A	N/A	N/A	N/A



2.4 Frequency List of Low/Middle/High Channels

LTE Band 2 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	18700	18900	19100
	Frequency	1860	1880	1900
15	Channel	18675	18900	19125
	Frequency	1857.5	1880	1902.5
10	Channel	18650	18900	19150
	Frequency	1855	1880	1905
5	Channel	18625	18900	19175
	Frequency	1852.5	1880	1907.5
3	Channel	18615	18900	19185
	Frequency	1851.5	1880	1908.5
1.4	Channel	18607	18900	19193
	Frequency	1850.7	1880	1909.3

LTE Band 4 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	20050	20175	20300
	Frequency	1720	1732.5	1745
15	Channel	20025	20175	20325
	Frequency	1717.5	1732.5	1747.5
10	Channel	20000	20175	20350
	Frequency	1715	1732.5	1750
5	Channel	19975	20175	20375
	Frequency	1712.5	1732.5	1752.5
3	Channel	19965	20175	20385
	Frequency	1711.5	1732.5	1753.5
1.4	Channel	19957	20175	20393
	Frequency	1710.7	1732.5	1754.3



LTE Band 5 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	20450	20525	20600
	Frequency	829	836.5	844
5	Channel	20425	20525	20625
	Frequency	826.5	836.5	846.5
3	Channel	20415	20525	20635
	Frequency	825.5	836.5	847.5
1.4	Channel	20407	20525	20643
	Frequency	824.7	836.5	848.3

LTE Band 7 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	20850	21100	21350
	Frequency	2510	2535	2560
15	Channel	20825	21100	21375
	Frequency	2507.5	2535	2562.5
10	Channel	20800	21100	21400
	Frequency	2505	2535	2565
5	Channel	20775	21100	21425
	Frequency	2502.5	2535	2567.5

LTE Band 12 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	23060	23095	23130
	Frequency	704	707.5	711
5	Channel	23035	23095	23155
	Frequency	701.5	707.5	713.5
3	Channel	23025	23095	23165
	Frequency	700.5	707.5	714.5
1.4	Channel	23017	23095	23173
	Frequency	699.7	707.5	715.3



LTE Band 13 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	23230	-
	Frequency	-	782	-
5	Channel	23205	23230	23255
	Frequency	779.5	782	784.5
LTE Band 14 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	23330	-
	Frequency	-	793	-
5	Channel	23305	23330	23355
	Frequency	790.5	793	795.5
LTE Band 17 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	23780	23790	23800
	Frequency	709	710	711
5	Channel	23755	23790	23825
	Frequency	706.5	710	713.5
LTE Band 25 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	26140	26340	26590
	Frequency	1860	1880	1905
15	Channel	26115	26340	26615
	Frequency	1857.5	1880	1907.5
10	Channel	26090	26340	26640
	Frequency	1855	1880	1910
5	Channel	26065	26340	26665
	Frequency	1852.5	1880	1912.5
3	Channel	26055	26340	26675
	Frequency	1851.5	1880	1913.5
1.4	Channel	26047	26340	26683
	Frequency	1850.7	1880	1914.3



LTE Band 26 Channel and Frequency List (Part22H)				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
15	Channel	26865	26915	26965
	Frequency	831.5	836.5	841.5
10	Channel	26840	26915	26990
	Frequency	829.0	836.5	844.0
5	Channel	26815	26915	27015
	Frequency	826.5	836.5	846.5
3	Channel	26805	26915	27025
	Frequency	825.5	836.5	847.5
1.4	Channel	26797	26915	27033
	Frequency	824.7	836.5	848.3

LTE Band 26 Channel and Frequency List (Part90 S)				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	26740	-
	Frequency	-	819	-
5	Channel	26715	26740	26765
	Frequency	816.5	819	821.5
3	Channel	26705	26740	26775
	Frequency	815.5	819	822.5
1.4	Channel	26697	26740	26783
	Frequency	814.7	819	823.3

LTE Band 26 Channel and Frequency List (Part90 S)				
BW [MHz]	Channel/Frequency(MHz)	cross-rule channels		
15	Channel	26765	26790	-
	Frequency	821.5	824	-
10	Channel	-	26790	-
	Frequency	-	824	-
5	Channel	-	26790	-
	Frequency	-	824	-
3	Channel	-	26790	-
	Frequency	-	824	-
1.4	Channel	-	26790	-
	Frequency	-	824	-



LTE Band 66 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	132072	132322	132572
	Frequency	1720	1745	1770
15	Channel	132047	132322	132597
	Frequency	1717.5	1745	1772.5
10	Channel	132022	132322	132622
	Frequency	1715	1745	1775
5	Channel	131997	132322	132647
	Frequency	1712.5	1745	1777.5
3	Channel	131987	132322	132657
	Frequency	1711.5	1745	1778.5
1.4	Channel	131979	132322	132665
	Frequency	1710.7	1745	1779.3

LTE Band 38 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	37850	38000	38150
	Frequency	2580.0	2595.0	2610.0
15	Channel	37825	38000	38175
	Frequency	2577.5	2595.0	2612.5
10	Channel	37800	38000	38200
	Frequency	2575.0	2595.0	2615.0
5	Channel	37775	38000	38225
	Frequency	2572.5	2595.0	2617.5

LTE Band 41 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	39750	40620	41490
	Frequency	2506.0	2593.0	2680.0
15	Channel	39725	40620	41515
	Frequency	2503.5	2593.0	2682.5
10	Channel	39700	40620	41540
	Frequency	2501.0	2593.0	2685.0
5	Channel	39675	40620	41565
	Frequency	2498.5	2593.0	2687.5



LTE Band 42 Channel and Frequency List (Part27Q)				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	42190	42590	42990
	Frequency	3460	3500	3540
15	Channel	42165	42590	43015
	Frequency	3457.5	3500	3542.5
10	Channel	42140	42590	43040
	Frequency	3455	3500	3545
5	Channel	42115	42590	43065
	Frequency	3452.5	3500	3547.5

LTE Band 71 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	133222	133297	133372
	Frequency	673.0	680.5	688.0
15	Channel	133197	133297	133397
	Frequency	670.5	680.5	690.5
10	Channel	133172	133297	133422
	Frequency	668.0	680.5	693.0
5	Channel	133147	133297	133447
	Frequency	665.5	680.5	695.5



LTE Band 2C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
10 + 15	PCC	Channel	18653	18829	19005
		Frequency	1855.3	1872.9	1890.5
	SCC	Channel	18773	18949	19125
		Frequency	1867.3	1884.9	1902.5
15 + 10	PCC	Channel	18675	18851	19027
		Frequency	1857.5	1875.1	1892.7
	SCC	Channel	18795	18971	19147
		Frequency	1869.5	1887.1	1904.7
10 + 20	PCC	Channel	18655	18806	18956
		Frequency	1855.5	1870.6	1885.6
	SCC	Channel	18799	18950	19100
		Frequency	1869.9	1885	1900
20 + 10	PCC	Channel	18700	18551	19001
		Frequency	1860	1875.1	1890.1
	SCC	Channel	18844	18995	19145
		Frequency	1874.4	1889.5	1904.5
15 + 15	PCC	Channel	18675	18825	18975
		Frequency	1857.5	1872.5	1887.5
	SCC	Channel	18825	18975	19125
		Frequency	1872.5	1887.5	1902.5
15 + 20	PCC	Channel	18678	18803	18929
		Frequency	1857.8	1870.3	1882.9
	SCC	Channel	18849	18974	19100
		Frequency	1874.9	1887.4	1900
20 + 20	PCC	Channel	18700	18801	18902
		Frequency	1860	1870.1	1880.2
	SCC	Channel	18898	18999	19100
		Frequency	1879.8	1889.9	1900
20 + 15	PCC	Channel	18700	18826	18951
		Frequency	1860	1872.6	1885.1
	SCC	Channel	18871	18997	19122
		Frequency	1877.1	1889.7	1902.2



LTE Band 2C Channel and Frequency List_CA					
20 + 5	PCC	Channel	18700	18875	19050
		Frequency	1860	1877.5	1895
	SCC	Channel	18817	18992	19167
		Frequency	1871.7	1889.2	1906.7
5 + 20	PCC	Channel	18633	18808	18983
		Frequency	1853.3	1870.8	1888.3
	SCC	Channel	18750	18925	19100
		Frequency	1865	1882.5	1900

LTE Band 7C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	20850	21001	21152
		Frequency	2510.0	2525.1	2540.2
	SCC	Channel	21048	21199	21350
		Frequency	2529.8	2544.9	2560.0
20 + 15	PCC	Channel	20850	21026	21201
		Frequency	2510.0	2527.6	2545.1
	SCC	Channel	21021	21197	21372
		Frequency	2527.1	2544.7	2562.2
15 + 20	PCC	Channel	20828	21003	21179
		Frequency	2507.8	2525.3	2542.9
	SCC	Channel	20999	21174	21350
		Frequency	2524.9	2542.4	2560.0
20 + 10	PCC	Channel	20850	21051	21251
		Frequency	2510.0	2530.1	2550.1
	SCC	Channel	20994	21195	21395
		Frequency	2524.4	2544.5	2564.5
10 + 20	PCC	Channel	20805	21006	21206
		Frequency	2505.5	2525.6	2545.6
	SCC	Channel	20949	21150	21350
		Frequency	2519.9	2540.0	2560.0
15 + 15	PCC	Channel	20825	21025	21225
		Frequency	2507.5	2527.5	2547.5
	SCC	Channel	20975	21175	21375



		Frequency	2522.5	2542.5	2562.5
15 + 10	PCC	Channel	20825	21051	21277
		Frequency	2507.5	2530.1	2552.7
	SCC	Channel	20945	21171	21397
		Frequency	2519.5	2542.1	2564.7

LTE Band 66C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
10 + 15	PCC	Channel	132025	132351	132477
		Frequency	1715.3	1747.9	1760.5
	SCC	Channel	132145	133371	132597
		Frequency	1727.3	1759.9	1772.5
15 + 10	PCC	Channel	132047	132373	132499
		Frequency	1717.5	1750.1	1762.7
	SCC	Channel	132167	132493	132619
		Frequency	1729.5	1762.1	1774.7
10 + 20	PCC	Channel	132027	132328	132428
		Frequency	1715.5	1745.6	1755.6
	SCC	Channel	131171	133372	132572
		Frequency	1729.9	1760.0	1770.0
20 + 10	PCC	Channel	132072	132373	132473
		Frequency	1720.0	1750.1	1760.1
	SCC	Channel	132216	133417	132617
		Frequency	1734.4	1764.5	1774.5
15 + 15	PCC	Channel	132047	132347	132447
		Frequency	1717.5	1747.5	1757.5
	SCC	Channel	132197	133397	132597
		Frequency	1732.5	1762.5	1772.5
15 + 20	PCC	Channel	132050	132325	132401
		Frequency	1717.8	1745.3	1752.9
	SCC	Channel	132221	133396	132572
		Frequency	1734.9	1762.4	1770.0
20 + 15	PCC	Channel	132072	132348	132423
		Frequency	1720.0	1747.6	1755.1
	SCC	Channel	132243	133419	132594
		Frequency	1737.1	1764.7	1772.2



20 + 5	PCC	Channel	132072	132397	132522
		Frequency	1720.0	1752.5	1765.0
	SCC	Channel	132189	133414	132639
		Frequency	1731.7	1764.2	1776.7

LTE Band 66C Channel and Frequency List_CA					
5 + 20	PCC	Channel	132005	132330	132455
		Frequency	1713.3	1745.8	1758.3
	SCC	Channel	132122	132447	132572
		Frequency	1725.0	1757.5	1770.0
20 + 20	PCC	Channel	132072	132323	132374
		Frequency	1720.0	1745.1	1750.2
	SCC	Channel	132270	133421	132572
		Frequency	1739.8	1764.9	1770.0

LTE Band 38C_CA Channel and Frequency List					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	37850	37901	37952
		Frequency	2580.0	2585.1	2590.2
	SCC	Channel	38048	38099	38150
		Frequency	2599.8	2604.9	2610.0
15+ 15	PCC	Channel	37825	37925	38025
		Frequency	2577.5	2587.5	2597.5
	SCC	Channel	37975	38075	38175
		Frequency	2592.5	2602.5	2612.5

LTE Band 41C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	39750	40521	41292
		Frequency	2506.0	2583.1	2660.2
	SCC	Channel	39948	40719	41490
		Frequency	2525.8	2602.9	2680.0
20 + 15	PCC	Channel	39750	40546	41341
		Frequency	2506.0	2585.6	2665.1
	SCC	Channel	39921	40717	41512
		Frequency	2523.1	2602.7	2682.2
15 + 20	PCC	Channel	39728	40523	41319



	SCC	Frequency	2503.8	2593.3	2662.9
		Channel	39899	40694	41490
20 + 10	PCC	Frequency	2520.9	2600.4	2680.0
		Channel	39750	40571	41391
	SCC	Frequency	2506.0	2588.1	2670.1
		Channel	39894	40715	41535
10 + 20	PCC	Frequency	2520.4	2602.5	2684.5
		Channel	39705	40526	41346
	SCC	Frequency	2501.5	2583.6	2665.6
		Channel	39849	40670	41490
		Frequency	2515.9	2598.0	2680.0

LTE Band 41C Channel and Frequency List_CA					
20 + 5	PCC	Channel	39750	40595	41440
		Frequency	2506.0	2590.5	2675.0
	SCC	Channel	39867	40712	41557
		Frequency	2517.7	2602.2	2686.7
5 + 20	PCC	Channel	39683	40528	41373
		Frequency	2499.3	2583.8	2668.3
	SCC	Channel	39800	40645	41490
		Frequency	2511.0	2595.5	2680.0
15 + 15	PCC	Channel	39725	40545	41365
		Frequency	2503.5	2585.5	2667.5
	SCC	Channel	39875	40695	41515
		Frequency	2518.5	2600.5	2682.5
10 + 15	PCC	Channel	39703	40549	41395
		Frequency	2501.3	2585.9	2670.5
	SCC	Channel	39823	40669	41515
		Frequency	2513.3	2597.9	2682.5
15 + 10	PCC	Channel	39725	40571	41417
		Frequency	2503.5	2588.1	2672.7
	SCC	Channel	39845	40691	41537
		Frequency	2515.5	2600.1	2684.7



LTE Band 42C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	42190	42491	42791
		Frequency	3460	3490.1	3520.1
	SCC	Channel	42388	42689	42990
		Frequency	3479.8	3509.9	3540
20 + 15	PCC	Channel	42190	42517	42844
		Frequency	3460	3492.7	3525.4
	SCC	Channel	42361	42688	43015
		Frequency	3477.1	3509.8	3542.5
15 + 20	PCC	Channel	42165	42492	42819
		Frequency	3457.5	3490.2	3522.9
	SCC	Channel	42336	42663	42990
		Frequency	3474.6	3507.3	3540
20 + 10	PCC	Channel	42190	42543	42896
		Frequency	3460	3495.3	3530.6
	SCC	Channel	42334	42687	43040
		Frequency	3474.4	3509.7	3545
10 + 20	PCC	Channel	42140	42493	42846
		Frequency	3455	3490.3	3525.6
	SCC	Channel	42284	42637	42990
		Frequency	3469.4	3504.7	3540
20 + 5	PCC	Channel	42190	42569	42948
		Frequency	3460	3497.9	3535.8
	SCC	Channel	42307	42686	43065
		Frequency	3471.7	3509.6	3547.5
5 + 20	PCC	Channel	42115	42494	42873
		Frequency	3452.5	3490.4	3528.3
	SCC	Channel	42232	42611	42990
		Frequency	3464.2	3502.1	3540

3 Conducted Test Items

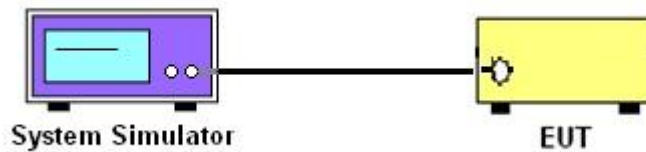
Conducted Test Items

3.1 Measuring Instruments

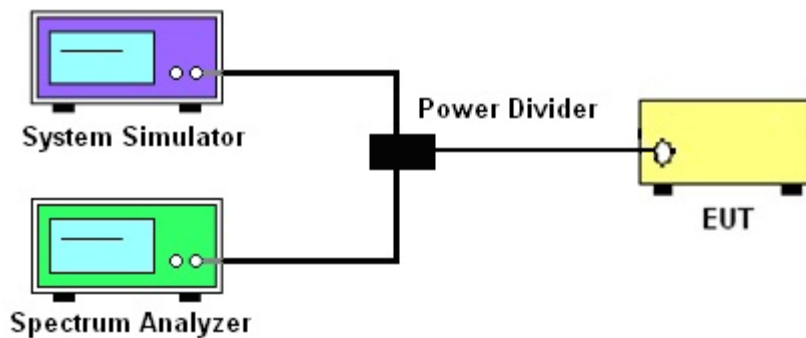
See list of measuring instruments of this test report.

3.1.1 Test Setup

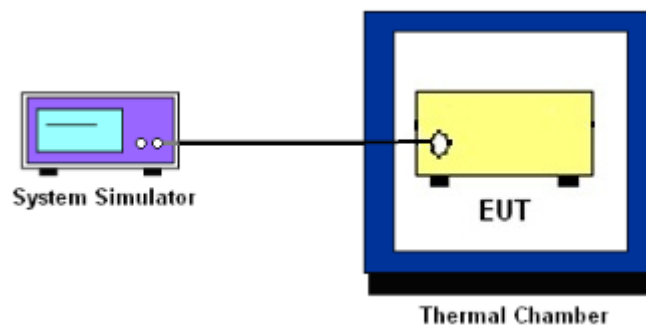
3.1.2 Conducted Output Power



3.1.3 Peak-to-Average Ratio, Occupied Bandwidth ,Conducted Band-Edge, Emission Mask and Conducted Spurious Emission



3.1.4 Frequency Stability



3.1.5 Test Result of Conducted Test

Please refer to Appendix A.

3.2 Conducted Output Power and ERP/EIRP

3.2.1 Description of the Conducted Output Power Measurement and ERP/EIRP Measurement

A system simulator was used to establish communication with the EUT. Its parameters were set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

The ERP of mobile transmitters must not exceed 7 Watts for LTE Band 5, Band 26 (Part 22H)

The ERP of mobile transmitters must not exceed 3 Watts for LTE Band 12, Band 13, Band 14, Band 17, Band 71

The EIRP of mobile transmitters must not exceed 2 Watts for LTE Band 2, Band 25, Band 7, Band 38, Band 41

The EIRP of mobile transmitters must not exceed 1 Watts for LTE Band 4, Band 66, Band 42

According to KDB 412172 D01 Power Approach,

$\text{EIRP} = P_T + G_T - L_C$, $\text{ERP} = \text{EIRP} - 2.15$, where

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

L_C = signal attenuation in the connecting cable between the transmitter and antenna in dB

3.2.2 Test Procedures

1. The transmitter output port was connected to the system simulator.
2. Set EUT at maximum power through the system simulator.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure and record the power level from the system simulator.



3.3 Peak-to-Average Ratio

3.3.1 Description of the PAR Measurement

Power Complementary Cumulative Distribution Function (CCDF) curves provide a means for characterizing the power peaks of a digitally modulated signal on a statistical basis. A CCDF curve depicts the probability of the peak signal amplitude exceeding the average power level. Most contemporary measurement instrumentation include the capability to produce CCDF curves for an input signal provided that the instrument's resolution bandwidth can be set wide enough to accommodate the entire input signal bandwidth. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

3.3.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.2.6

1. The EUT was connected to spectrum and system simulator via a power divider.
2. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
3. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1 %.
4. Record the deviation as Peak to Average Ratio.



3.4 Occupied Bandwidth

3.4.1 Description of Occupied Bandwidth Measurement

The occupied bandwidth is the width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean transmitted power.

The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

3.4.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.4.3 (26dB) and Section 5.4.4 (99OB)

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be between two and five times the anticipated OBW.
3. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
4. Set the detection mode to peak, and the trace mode to max hold.
5. Determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace.
(this is the reference value)
6. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
7. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “-X dB down amplitude” determined in step 6. If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.
8. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.



3.5 Conducted Band Edge

3.5.1 Description of Conducted Band Edge Measurement

22.917(a)

For operations in the 824 – 849 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 100kHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

24.238 (a)

For operations in the 1850-1910 and 1930-1990 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

27.53 (c)

For operations in the 776-788 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 100 kHz bandwidth. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed. In addition, the power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least $65 + 10 \log_{10} p(\text{watts})$, dB, for mobile and portable equipment.

27.53 (g)

For operations in the 600MHz band and 698-746 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 100 kHz bandwidth. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

27.53 (h)

For operations in the 1710 – 1755 MHz band, 1755-1780 MHz, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 1 MHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

**27.53(m)(4)**

For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

27.53(n)(2)

For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. Compliance with this paragraph (n)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed, but limited to a maximum of 200 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

90.543(e)

- (1) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than $76 + 10 \log (P)$ dB in a 6.25 kHz band segment, for base and fixed stations.
- (2) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than $65 + 10 \log (P)$ dB in a 6.25 kHz band segment, for mobile and portable stations.
- (3) On any frequency between 775-788 MHz, above 805 MHz, and below 758 MHz, by at least $43 + 10 \log (P)$ dB.



3.5.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The band edges of low and high channels for the highest RF powers were measured.
3. Set RBW $\geq$ 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
4. Beyond the 1 MHz band from the band edge, RBW=1MHz was used.
5. Set spectrum analyzer with RMS detector.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. Checked that all the results comply with the emission limit line.



3.6 Emission Mask

3.6.1 Description of Emissions Mask Measurement

For LTE Band 14

Transmitters designed must meet the emission mask comply with the emission mask provisions of FCC Part 90.210(n).

For LTE Band 26

Equipment used in this licensed to EA or non-EA systems shall comply with the emission mask provisions of FCC Part 90.691

(a) Out-of-band emission requirement shall apply only to the "outer" channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $116 \log_{10}(f/6.1)$ decibels or $50 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.



3.6.2 Test Procedures

For LTE Band 14

The testing follows FCC KDB 971168 D01 v03r01 Section 6.0.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The power of the modulated signal was measured on a spectrum analyzer using an RMS and 10 second sweep time in order to maximize the level.
3. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

For LTE Band 26

1. The EUT was connected to spectrum analyzer and base station via power divider.
2. The emissions mask of low and high channels for the highest RF powers were measured.
3. Set RBW and VBW 3 times of RBW to make the measurement with the spectrum analyzer's, and according to KDB 971168 D02 Misc Rev Approve License Devices v02r01 standards, set RBW = 300 Hz to make offsets less than 37.5 kHz from a channel edge , RBW = 100 kHz to make offsets greater than 37.5 kHz, that is allowed.
4. The test results were shown below plots with a correction offset factor including cable loss, insertion loss of power divider.

3.7 Conducted Spurious Emission

3.7.1 Description of Conducted Spurious Emission Measurement

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

For LTE Band 7, 38, 41

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

3.7.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.
The path loss was compensated to the results for each measurement.
3. The conducted spurious emission for the whole frequency range was taken.
4. Make the measurement with the spectrum analyzer's RBW = 100 kHz if the authorized frequency band/block is at or below 1 GHz and 1 MHz if the authorized frequency band/block is above 1 GHz, VBW = 3 * RBW.
5. Set spectrum analyzer with RMS detector.
6. Taking the record of maximum spurious emission.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.



3.8 Frequency Stability

3.8.1 Description of Frequency Stability Measurement

22.355

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within $\pm 0.00025\%$ ($\pm 2.5\text{ppm}$) of the center frequency.

24.235 & 27.54

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

§90.213

The frequency stability shall be sufficient to ensure that the fundamental emissions remain within the authorized frequency block. The frequency stability shall be maintained within the applicable frequency tolerance specified in §90.213.

3.8.2 Test Procedures for Temperature Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was set up in the thermal chamber and connected with the system simulator.
2. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
3. With power OFF, the temperature was raised in 10°C step up to 50°C . The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

3.8.3 Test Procedures for Voltage Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was placed in a temperature chamber at $20 \pm 5^{\circ}\text{C}$ and connected with the system simulator.
2. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.
3. The variation in frequency was measured for the worst case.

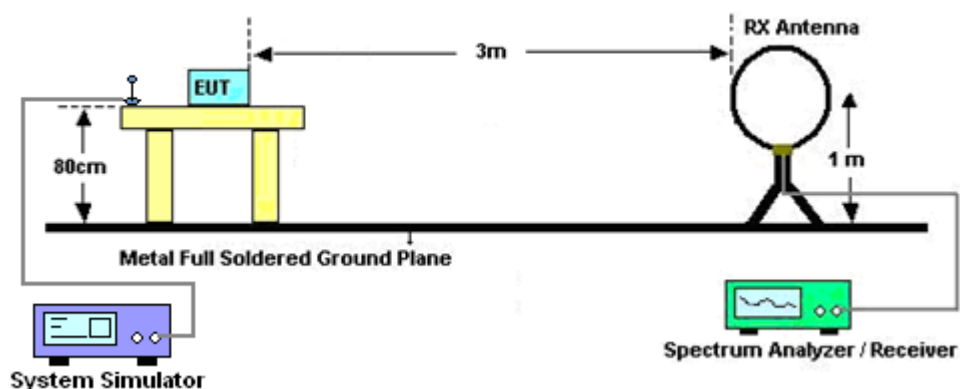
4 Radiated Test Items

4.1 Measuring Instruments

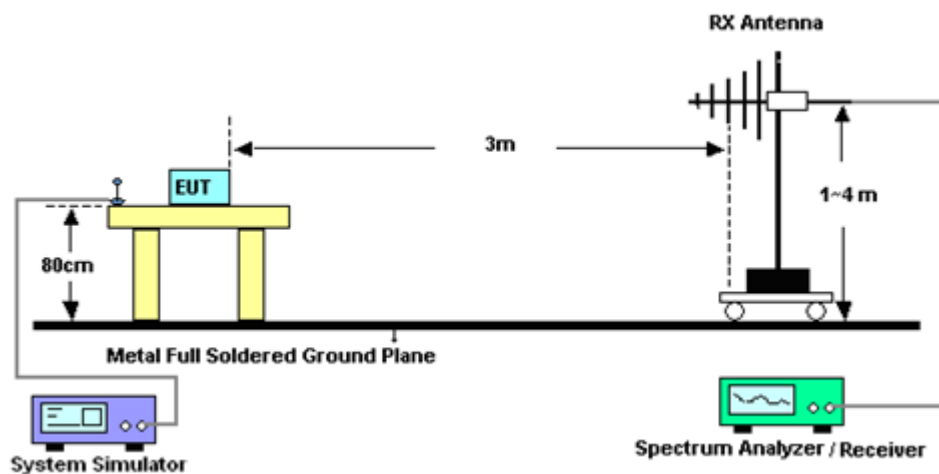
See list of measuring instruments of this test report.

4.1.1 Test Setup

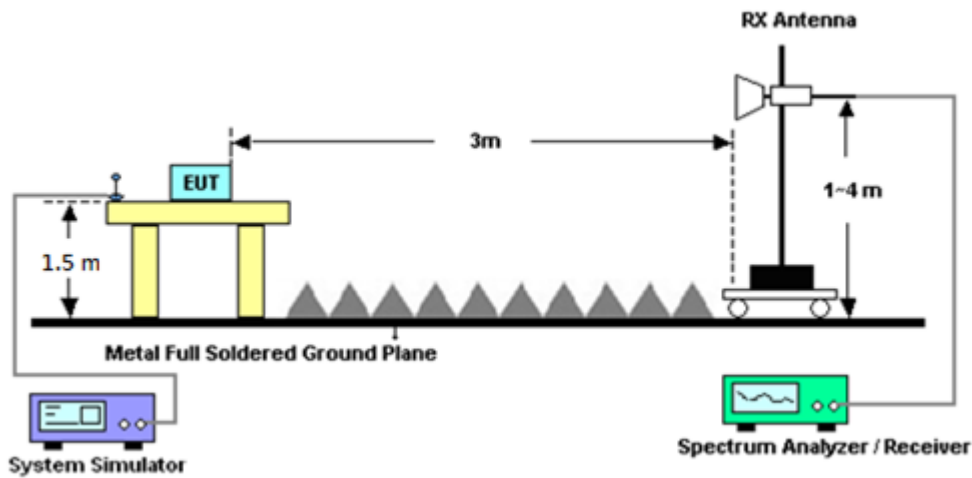
For radiated test below 30MHz



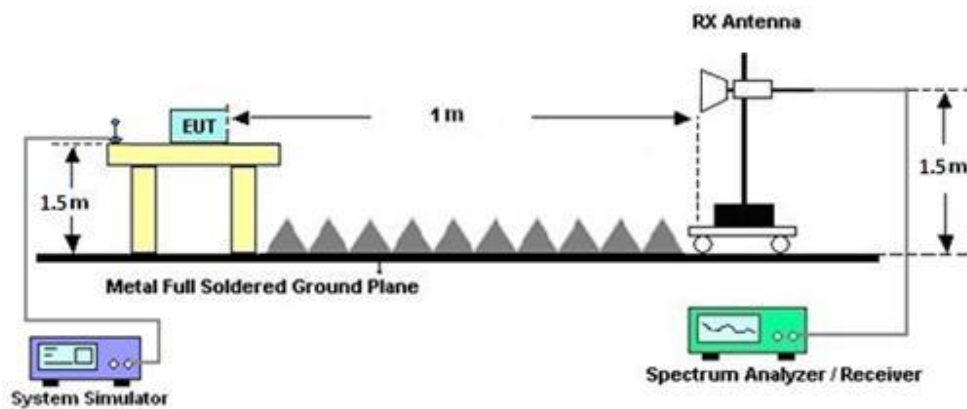
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



4.1.2 Test Result of Radiated Test

Please refer to Appendix A.

Note:

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.



4.2 Radiated Spurious Emission Measurement

4.2.1 Description of Radiated Spurious Emission Measurement

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

For LTE Band 7, 38, 41

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB.

For LTE Band 13

For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.

For LTE Band 14

For operations in the 758-775 MHz and 788-805 MHz bands, all emissions including harmonics in the band 1559–1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.



4.2.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 7 and ANSI C63.26-2015 section 5.5.4 Radiated measurement using the field strength method.

1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
6. To convert spectrum reading E(dBuV/m) to EIRP(dBm)
$$\text{EIRP(dBm)} = \text{Level (dBuV/m)} + 20\log(d) - 104.77,$$
where d is the distance at which field strength limit is specified in the rules
7.
$$\text{Field Strength Level (dBm)} = \text{Spectrum Reading (dBm)} + \text{Antenna Factor} + \text{Cable Loss} + \text{Read Level} - \text{Preamp Factor}.$$
8.
$$\text{ERP (dBm)} = \text{EIRP (dBm)} - 2.15$$



5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
LOOP Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Mar. 16, 2026	Aug. 14, 2026~ Sep. 18, 2026	Mar. 15, 2027	Radiation (03CH21-HY)
Bilog Antenna	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	63303 & 001	30MHz~1GHz	Nov. 26, 2025	Aug. 14, 2026~ Sep. 18, 2026	Nov. 25, 2026	Radiation (03CH21-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	DU2F13 A18ES	1GHz~18GHz	May 28, 2026	Aug. 14, 2026~ Sep. 18, 2026	May 27, 2027	Radiation (03CH21-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C03 A18EN	1GHz~18GHz	Aug. 12, 2026	Aug. 14, 2026~ Sep. 18, 2026	Aug. 11, 2027	Radiation (03CH21-HY)
SHF-EHF Horn Antenna	SCHWARZBEC K	BBHA 9170	1450	18GHz~40GHz	May 28, 2026	Aug. 14, 2026~ Sep. 18, 2026	May 27, 2027	Radiation (03CH21-HY)
Amplifier	SONOMA	310N	371607	30MHz~1GHz	Jun. 29, 2026	Aug. 14, 2026~ Sep. 18, 2026	Jun. 28, 2027	Radiation (03CH21-HY)
Amplifier	EMEC	EM01G18GA	060876	1GHz~18GHz	Sep. 26, 2025	Aug. 14, 2026~ Sep. 18, 2026	Sep. 25, 2026	Radiation (03CH21-HY)
Preamplifier	EMEC	EM18G40G	060872	18GHz~40GHz	Dec. 02, 2025	Aug. 14, 2026~ Sep. 18, 2026	Dec. 01, 2026	Radiation (03CH21-HY)
EXA Signal Analyzer	Keysight	N9010B	MY6217 0358	10Hz~44GHz	Sep. 09, 2025	Aug. 14, 2026~ Sep. 18, 2026	Sep. 08, 2026	Radiation (03CH21-HY)
EXA Signal Analyzer	Keysight	N9010B	MY6217 0358	10Hz~44GHz	Sep. 08, 2026	Jun. 23, 2026 ~ Jul. 30, 2026	Sep. 07, 2027	Radiation (03CH21-HY)
EXA Signal Analyzer	Keysight	N9010B	MY6024 1055	10Hz~44GHz	Aug. 11, 2026	Aug. 14, 2026~ Sep. 18, 2026	Aug. 10, 2027	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/ 2	9kHz~30MHz	Mar. 04, 2026	Aug. 14, 2026~ Sep. 18, 2026	Mar. 03, 2027	Radiation (03CH21-HY)
RF Cable	HUBER+SUHNER,EMCI	SUCOFLEX 102,EMC101Y(K M-KM-500)	803954/ 2,80461 2/2,251 04234,2 510423 5	30MHz~40GHz	Dec. 19, 2025	Aug. 14, 2026~ Sep. 18, 2026	Dec. 18, 2026	Radiation (03CH21-HY)
Hygrometer	TECPEL	DTM-303A	TP2115 68	N/A	Oct. 21, 2025	Aug. 14, 2026~ Sep. 18, 2026	Oct. 20, 2026	Radiation (03CH21-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Aug. 14, 2026~ Sep. 18, 2026	N/A	Radiation (03CH21-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Aug. 14, 2026~ Sep. 18, 2026	N/A	Radiation (03CH21-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Aug. 14, 2026~ Sep. 18, 2026	N/A	Radiation (03CH21-HY)
Radio Communication Analyzer	Anritsu	MT8821C	620166 4755	LTE FDD/TDD(with 4), LTE-4CC DLCA/2CC ULCA, CatM1/NB1/NB 2	Jul. 14, 2026	Aug. 18, 2026~ Sep. 17, 2026	Jul. 13, 2027	Conducted (TH05-HY)
DC Power Supply	GW Instek	GPE-2323	GET861 546	0V~64V ; 0A~6A	Jun. 04, 2026	Aug. 18, 2026~ Sep. 17, 2026	Jun. 03, 2027	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101906	10Hz~40GHz	Jul. 30, 2026	Aug. 18, 2026~ Sep. 17, 2026	Jul. 29, 2027	Conducted (TH05-HY)
Thermal Chamber	ESPEC	SU-241	920037 13	-30°C ~95°C	Feb. 23, 2026	Aug. 18, 2026~ Sep. 17, 2026	Feb. 22, 2027	Conducted (TH05-HY)



Power divider	MVE	MVE8283	#Z	0.009MHz-18G Hz	Oct. 16, 2025	Aug. 18, 2026~ Sep. 17, 2026	Oct. 15, 2026	Conducted (TH05-HY)
Power Divider	MVE	MVE8283	F20191 8	9KHz~40GHz	Dec. 31, 2025	Aug. 18, 2026~ Sep. 17, 2026	Dec. 30, 2026	Conducted (TH05-HY)
Software	Sporton	LTE Conducted Test Tools	N/A	Conducted Test Item	N/A	Aug. 18, 2026~ Sep. 17, 2026	N/A	Conducted (TH05-HY)
Hygrometer	TECPEL	DTM-303B	TP2008 86	-10 ~ 50°C / 20 ~ 95%RH	Mar. 04, 2026	Aug. 18, 2026~ Sep. 17, 2026	Mar. 03, 2027	Conducted (TH05-HY)



6 Measurement Uncertainty

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.40 dB
---	---------

Uncertainty of Radiated Emission Measurement (1 GHz ~ 6 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.80 dB
---	---------

Uncertainty of Radiated Emission Measurement (6 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.80 dB
---	---------

Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.30 dB
---	---------

Band 5 ANT0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	ERP(W)		
Channel									
Frequency (MHz)									
20450 20450 20450									
10	QPSK	1	0	23.09	23.07	22.90	0.0375	0.0373	0.0369
10	QPSK	1	49	22.89	22.84	22.60	0.0362	0.0364	0.0355
10	QPSK	80	0	22.83	22.80	22.58	0.0353	0.0359	0.0353
10	16QAM	1	0	22.98	23.09	22.80	0.0366	0.0375	0.0361
10	64QAM	1	0	22.87	22.96	22.67	0.0356	0.0364	0.0340
10	256QAM	1	0	18.83	18.88	18.69	0.0377	0.0379	0.0373
Channel									
Frequency (MHz)									
20455 20455 20455									
5	QPSK	1	0	22.97	23.00	22.63	0.0365	0.0367	0.0353
5	16QAM	1	0	22.84	23.04	22.75	0.0354	0.0371	0.0347
Channel									
Frequency (MHz)									
20455 20455 20455									
3	QPSK	1	0	23.02	23.02	22.77	0.0369	0.0369	0.0348
3	16QAM	1	0	22.98	23.06	22.70	0.0357	0.0364	0.0343
Channel									
Frequency (MHz)									
20467 20467 20467									
1.4	QPSK	1	0	23.02	23.06	22.76	0.0369	0.0372	0.0348
1.4	16QAM	1	0	22.94	23.06	22.66	0.0354	0.0372	0.0340

Band 12_ANT0										IC Layouts	30
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	ERP(W)				
Channel											
Frequency (MHz)											
10	QPSK	1	0	22.02	22.22	22.07	0.0434	0.0454	0.0439		
10	QPSK	1	49	22.81	22.87	22.62	0.0384	0.0419	0.0395		
10	QPSK	56	0	22.89	22.92	22.69	0.0402	0.0424	0.0402		
10	16QAM	1	0	22.89	23.15	22.89	0.0421	0.0447	0.0421		
10	64QAM	1	0	22.58	22.87	22.62	0.0392	0.0419	0.0395		
10	256QAM	1	0	22.42	22.68	22.40	0.0395	0.0419	0.0392		
Channel											
Frequency (MHz)											
5	QPSK	1	0	22.89	23.06	22.95	0.0421	0.0438	0.0427		
5	16QAM	1	0	22.85	23.11	22.84	0.0417	0.0443	0.0416		
Channel											
Frequency (MHz)											
3	QPSK	1	0	22.95	23.17	23.02	0.0427	0.0449	0.0434		
3	16QAM	1	0	22.77	23.05	22.86	0.0400	0.0440	0.0418		
Channel											
Frequency (MHz)											
1.4	QPSK	1	0	22.82	23.16	22.99	0.0415	0.0448	0.0431		
1.4	16QAM	1	0	22.77	23.02	22.80	0.0409	0.0434	0.0412		

Band 13_ANT0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	ICLAWERS		
							ERP (W)		
							30		
							30		
Channel									
2300									
Frequency (MHz)									
10	QPSK	1	0		22.93			0.0415	
10	QPSK	1	49		22.46			0.0372	
10	QPSK	50	0		22.76			0.0399	
10	16QAM	1	0		22.89			0.0411	
10	64QAM	1	0		22.48			0.0374	
10	256QAM	1	0		22.76			0.0382	
Channel									
2300 2300 2300									
Frequency (MHz)									
				728.5		244.5	L	M	M
5	QPSK	1	0	22.79	22.85	22.83	0.0402	0.0407	0.0405
5	16QAM	1	0	22.71	22.79	22.72	0.0394	0.0402	0.0395

Band 14_ANT0							IC LAMPDU	3
							HCC	
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	ERP(W)	
Channel				23330				
Frequency (MHz)								
10	QPSK	1	0	22.84			0.0406	M
10	QPSK	1	40	22.61			0.0389	
10	QPSK	16	0	22.63			0.0387	
10	16QAM	1	0	22.76			0.0389	
10	16QAM	1	0	22.47			0.0373	
10	25QAM	1	0	19.45			0.0346	
Channel				23305				
Frequency (MHz)								
5	QPSK	1	0	22.79	22.80	22.83	0.0402	L M
5	16QAM	1	0	22.70	22.71	22.72	0.0394	0.0396 0.0378

Band 17_ANT0								IC LAMPDU	30
								HCC	
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	ERP(W)		
Channel									
Frequency (MHz)									
				23760	23790	23805	L	M	
10	QPSK	1	0	22.97	23.19	22.87	0.0429	0.0451	0.0410
10	QPSK	1	40	22.94	22.81	22.38	0.0388	0.0413	0.0314
10	QPSK	50	0	22.59	22.95	22.46	0.0383	0.0427	0.0385
10	16QAM	1	0	22.81	23.01	22.82	0.0413	0.0433	0.0434
10	16QAM	1	0	22.17	22.56	22.10	0.0356	0.0390	0.0353
10	16QAM	1	0	19.41	19.71	19.36	0.0326	0.0352	0.0327
Channel									
				23765	23790	23825	L	M	
Frequency (MHz)									
5	QPSK	1	0	22.85	22.86	22.76	0.0417	0.0428	0.0408
5	16QAM	1	0	22.72	22.74	22.75	0.0405	0.0406	0.0407

Band 26_ANT0										
IC LAMPDU HCC										
30										
3										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Middle Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	ERP(W)		
Channel										
Frequency (MHz)										
26790										
26805										
26820										
15	QPSK	1	0	22.79	23.16	22.73	22.74	0.0360	0.0381	0.0346
15	QPSK	1	74	22.47	22.78	22.38	22.49	0.0325	0.0349	0.0324
15	QPSK	75	0	22.65	22.75	22.40	22.37	0.0339	0.0347	0.0340
15	16QAM	1	0	22.73	22.95	22.80	22.60	0.0345	0.0363	0.0336
15	16QAM	1	0	22.41	22.74	22.34	22.31	0.0321	0.0346	0.0316
15	16QAM	1	0	19.51	19.70	19.33	19.30	0.0324	0.0312	0.0317
Channel										
26790										
Frequency (MHz)										
10	QPSK	1	0	22.57	22.63	22.30	22.61	0.0323	0.0329	0.0326
10	16QAM	1	0	22.55	22.54	22.34	22.53	0.0322	0.0324	0.0324
Channel										
26790										
Frequency (MHz)										
5	QPSK	1	0	22.67	22.62	22.36	22.66	0.0340	0.0337	0.0340
5	16QAM	1	0	22.49	22.47	22.33	22.58	0.0327	0.0325	0.0324
Channel										
26790										
Frequency (MHz)										
3	QPSK	1	0	22.79	22.72	22.88	22.71	0.0360	0.0347	0.0344
3	16QAM	1	0	22.36	22.45	22.31	22.49	0.0317	0.0324	0.0327
Channel										
26790										
Frequency (MHz)										
1.4	QPSK	1	0	22.79	22.67	23.02	22.80	0.0359	0.0340	0.0335
1.4	16QAM	1	0	22.63	22.57	22.87	22.47	0.0337	0.0333	0.0325

Band 26_90s_ANT0						
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq
Channel						
26740						
Frequency (MHz)						
815						
10	QPSK	1	0	22.87		
10	QPSK	1	40	22.89		
10	QPSK	10	0	22.47		
10	16QAM	1	0	22.78		
10	16QAM	1	0	22.13		
10	256QAM	1	0	19.15		
Channel						
26715-26740-26765						
Frequency (MHz)						
814.5-815-815.5						
5	QPSK	1	0	22.86	22.84	22.86
5	16QAM	1	0	22.57	22.51	22.59
Channel						
26705-26740-26775						
Frequency (MHz)						
815.5-816-815.5						
3	QPSK	1	0	22.72	22.68	22.82
5	16QAM	1	0	22.31	22.25	22.29
Channel						
26697-26740-26783						
Frequency (MHz)						
814.7-815-815.3						
1.4	QPSK	1	0	22.81	22.76	22.83
1.4	16QAM	1	0	22.33	22.26	22.27

Band 71_ANT0							IC LWR(W)	3
							ECI LWR(W)	1
BW (Hz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	ERP(W)	
Channel								
				133322	133322	133372		
Frequency (MHz)								
20	QPSK	1	0	22.98	22.25	23.04	0.0293	0.0269
20	QPSK	1	99	22.46	22.84	22.53	0.0224	0.0245
20	QPSK	150	0	22.80	22.98	22.63	0.0232	0.0253
20	16QAM	1	0	22.86	22.20	22.94	0.0246	0.0266
20	64QAM	1	0	22.45	22.82	22.58	0.0224	0.0244
20	256QAM	1	0	19.85	19.95	19.72	0.0117	0.0126
				133397	133397	133417	ERP(W)	
Frequency (MHz)								
15	QPSK	1	0	22.93	22.11	22.99	0.0250	0.0251
15	16QAM	1	0	22.84	22.05	22.88	0.0245	0.0257
Channel								
				133472	133472	133422	ERP(W)	
Frequency (MHz)								
10	QPSK	1	0	22.83	22.11	22.91	0.0244	0.0251
10	16QAM	1	1	22.74	22.13	22.84	0.0239	0.0255
Channel								
				133447	133447	133447	ERP(W)	
Frequency (MHz)								
5	QPSK	1	0	22.83	22.08	22.90	0.0244	0.0244
5	16QAM	1	0	22.77	22.18	22.82	0.0241	0.0250

Band 2_ANT1							IC Limits		1		
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. F (W)	Power Middle Ch. F (W)	Power High Ch. F (W)	ERP(W)				
Channel											
Frequency (MHz)				18800	18900	19100					
20	QPSK	1	0	22.95	23.21	23.11	0.1334	0.1416	0.1384		
20	QPSK	1	80	22.47	22.82	22.66	0.1184	0.1204	0.1247		
20	QPSK	100	0	22.48	22.77	22.53	0.1197	0.1279	0.1211		
20	16QAM	1	0	22.74	23.11	23.00	0.1271	0.1384	0.1349		
20	16QAM	1	0	22.50	22.85	22.61	0.1300	0.1300	0.1253		
20	256QAM	1	0	19.30	19.44	19.34	0.0562	0.0594	0.0581		
Channel							ERP(W)				
Frequency (MHz)				18675	18900	19125					
15	QPSK	1	0	22.85	23.19	23.07	0.1303	0.1409	0.1371		
15	16QAM	1	0	22.65	23.07	22.94	0.1245	0.1371	0.1330		
Channel											
Frequency (MHz)				18920	18960	19150					
10	QPSK	1	0	22.85	23.16	23.03	0.1303	0.1400	0.1358		
10	16QAM	1	0	22.64	23.03	22.92	0.1242	0.1358	0.1324		
Channel											
Frequency (MHz)				18925	18960	19175					
10	QPSK	1	0	22.85	23.16	23.03	0.1303	0.1400	0.1358		
5	16QAM	1	0	22.68	23.01	22.95	0.1253	0.1352	0.1334		
Channel											
Frequency (MHz)				18915	18970	19145					
3	QPSK	1	0	22.82	23.06	23.02	0.1294	0.1368	0.1355		
3	16QAM	1	0	22.62	23.07	22.89	0.1236	0.1371	0.1315		
Channel											
Frequency (MHz)				18907	18960	19193					
1.4	QPSK	1	0	22.80	23.17	23.04	0.1315	0.1403	0.1361		
1.4	16QAM	1	0	22.60	22.97	22.98	0.1230	0.1340	0.1343		

Band 4_ANT1							IC Limits		F		
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. F (W)	Power Middle Ch. F (W)	Power High Ch. F (W)	ERP(W)				
Channel											
Frequency (MHz)				20950	20975	20980					
20	QPSK	1	0	22.47	22.51	22.49	0.1114	0.1125	0.1119		
20	QPSK	1	80	22.00	22.22	22.07	0.1000	0.1052	0.1031		
20	QPSK	100	0	22.00	22.17	22.07	0.1000	0.1040	0.1018		
20	16QAM	1	0	22.35	22.48	22.38	0.1084	0.1119	0.1091		
20	16QAM	1	0	21.87	22.21	22.16	0.0983	0.1054	0.1038		
20	256QAM	1	0	18.68	18.84	18.77	0.0466	0.0483	0.0475		
Channel											
Frequency (MHz)				20925	20975	20975	ERP(W)				
15	QPSK	1	0	22.44	22.45	22.47	0.1107	0.1117	0.1114		
15	16QAM	1	0	22.21	22.35	22.30	0.1050	0.1084	0.1070		
Channel											
Frequency (MHz)				20900	20975	20950	ERP(W)				
10	QPSK	1	0	22.39	22.50	22.49	0.1094	0.1122	0.1110		
10	16QAM	1	0	22.23	22.47	22.31	0.1054	0.1114	0.1074		
Channel											
Frequency (MHz)				20975	20975	20975	ERP(W)				
5	QPSK	1	0	22.47	22.51	22.48	0.1114	0.1125	0.1117		
5	16QAM	1	0	22.31	22.47	22.31	0.1074	0.1114	0.1074		
Channel											
Frequency (MHz)				20953	20975	20955	ERP(W)				
3	QPSK	1	0	22.40	22.49	22.46	0.1096	0.1119	0.1117		
3	16QAM	1	0	22.31	22.48	22.31	0.1074	0.1112	0.1070		
Channel											
Frequency (MHz)				20950	20975	20980	ERP(W)				
1.4	QPSK	1	0	22.44	22.51	22.48	0.1107	0.1125	0.1111		
1.4	16QAM	1	0	22.24	22.38	22.29	0.1057	0.1086	0.1067		

Band 5_ANT1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. (W)	Power Middle Ch. Freq. (W)	Power High Ch. Freq. (W)	ERP(W)		
Channel									
Frequency (MHz)				20450	20525	20500			
10	QPSK	1	0	23.41	23.64	23.32	0.0443	0.0467	0.0434
10	QPSK	1	40	22.96	23.17	23.02	0.0390	0.0419	0.0386
10	QPSK	50	0	22.89	23.13	22.80	0.0390	0.0415	0.0385
10	16QAM	1	0	23.17	23.46	23.01	0.0419	0.0448	0.0404
10	16QAM	1	0	23.00	23.24	22.85	0.0405	0.0426	0.0389
10	256QAM	1	0	19.44	19.76	19.48	0.0177	0.0191	0.0179
Channel									
Frequency (MHz)				20425	20525	20505	ERP(W)		
5	QPSK	1	0	23.28	23.61	23.18	0.0430	0.0463	0.0420
5	16QAM	1	0	23.10	23.36	22.96	0.0412	0.0438	0.0399
Channel									
Frequency (MHz)				20415	20525	20500	ERP(W)		
3	QPSK	1	0	23.37	23.51	23.21	0.0439	0.0453	0.0423
3	16QAM	1	0	23.06	23.42	22.89	0.0408	0.0444	0.0393
Channel									
Frequency (MHz)				20407	20525	20505	ERP(W)		
1.4	QPSK	1	0	23.33	23.56	23.19	0.0435	0.0458	0.0421
1.4	16QAM	1	0	23.06	23.42	22.93	0.0408	0.0444	0.0396

Band 7_ANT1							IC LUREM	2
							FCC	2
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	ERP (W)	
Channel								
Frequency (MHz)								
20	QPSK	1	0	22.63	22.74	22.89	0.1156	0.1172
20	QPSK	1	96	22.09	22.22	22.36	0.1021	0.1014
20	QPSK	160	0	22.42	22.65	22.51	0.1102	0.1125
20	16QAM	1	0	22.25	22.52	22.45	0.1079	0.1109
20	16QAM	1	0	22.26	22.27	22.29	0.1024	0.1021
20	256QAM	1	0	18.58	18.91	18.81	0.0468	0.0480
Channel								
Frequency (MHz)								
15	QPSK	1	0	22.50	22.68	22.59	0.1122	0.1143
15	16QAM	1	0	22.19	22.40	22.39	0.1045	0.1094
Channel								
Frequency (MHz)								
10	QPSK	1	0	22.50	22.63	22.55	0.1148	0.1155
10	16QAM	1	0	22.24	22.49	22.37	0.1057	0.1099
Channel								
Frequency (MHz)								
5	QPSK	1	0	22.51	22.70	22.67	0.1125	0.1157
5	16QAM	1	0	22.32	22.49	22.39	0.1076	0.1094

Band 12_ANT1							IC LUREM	FCC	3G
									0
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	ERP(W)		
Channel									
Frequency (MHz)									
10	QPSK	1	0	23.44	23.35	23.39	0.0338	0.0331	0.0334
10	QPSK	1	46	23.03	23.00	22.97	0.0302	0.0305	0.0303
10	QPSK	50	0	22.94	22.91	22.91	0.0301	0.0299	0.0299
10	16QAM	1	0	23.23	23.29	23.22	0.0322	0.0327	0.0321
10	16QAM	1	0	23.04	23.08	23.06	0.0305	0.0311	0.0303
10	256QAM	1	0	19.64	19.60	19.52	0.0141	0.0142	0.0139
Channel									
Frequency (MHz)									
5	QPSK	1	0	23.37	23.34	23.31	0.0333	0.0330	0.0330
5	16QAM	1	0	23.11	23.18	23.14	0.0313	0.0318	0.0316
Channel									
Frequency (MHz)									
3	QPSK	1	0	23.38	23.30	23.29	0.0333	0.0327	0.0327
3	16QAM	1	0	23.16	23.15	23.15	0.0317	0.0316	0.0316
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	23.37	23.32	23.34	0.0333	0.0321	0.0330
1.4	16QAM	1	0	23.20	23.24	23.19	0.0320	0.0323	0.0319

Band 13_ANT1							ICLUREM FCC	30 dB
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	ERP(W)	
Channel							23230	
Frequency (MHz)							23	
10	QPSK	1	0	23.16			0.0372	
10	QPSK	1	46	22.80			0.0350	
10	QPSK	50	0	22.87			0.0333	
10	16QAM	1	0	23.04			0.0362	
10	16QAM	1	0	22.75			0.0340	
10	256QAM	1	0	19.33			0.0154	
Channel							23235	
Frequency (MHz)							23235	
5	QPSK	1	0	22.93	23.01	22.91	0.0353	0.0350
5	16QAM	1	0	22.91	23.01	22.88	0.0352	0.0360

Band 14_ANT1							C_LNB00	3
							FCC	3
SW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	ERP(W)	
Channel								
23330								
Frequency (MHz)								
10	QPSK	1	0	23.25			M	
10	QPSK	1	48	23.29				
10	QPSK	56	0	23.80			0.0343	
10	16QAM	1	0	23.15			0.0372	
10	16QAM	1	0	23.30			0.0351	
10	256QAM	1	0	19.52			0.0161	
Channel								
23305								
Frequency (MHz)								
5	QPSK	1	0	23.10	23.17	23.14	0.0367	0.0373
5	16QAM	1	0	22.96	23.13	22.99	0.0356	0.0370

Band 17_ANT1							IC LNB00	30
							FCC	3
SW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)	
Channel				23790	23790	23800		
Frequency (MHz)				10	10	11		
5	QPSK	1	0	23.35	23.39	23.23	0.0331	0.0334
5	QPSK	1	48	23.02	23.08	23.01	0.0307	0.0311
5	QPSK	56	0	22.86	22.94	22.87	0.0296	0.0301
5	16QAM	1	0	23.27	23.38	23.30	0.0325	0.0333
5	16QAM	1	0	23.02	23.06	22.89	0.0300	0.0303
5	256QAM	1	0	19.54	19.71	19.57	0.0138	0.0143
Channel				23755	23750	23825		
Frequency (MHz)				10	10	11		
5	QPSK	1	0	23.23	23.34	23.20	0.0322	0.0330
5	16QAM	1	0	23.14	23.28	23.25	0.0316	0.0326

Band 25_ANT1							IC LNB00 FCC		2
SW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	ERP(W)		
Channel									
26140									
Frequency (MHz)									
20	QPSK	1	0	22.58	22.61	22.60	0.1225	0.1233	0.1230
20	QPSK	1	56	22.01	22.13	22.00	0.1074	0.1104	0.1092
20	QPSK	100	0	22.00	22.06	22.00	0.1072	0.1086	0.1072
20	16QAM	1	0	22.40	22.46	22.41	0.1175	0.1191	0.1178
20	16QAM	1	0	22.03	22.18	22.13	0.1070	0.1117	0.1104
20	256QAM	1	0	18.70	18.77	18.61	0.0501	0.0509	0.0499
Channel									
26115									
Frequency (MHz)									
15	QPSK	1	0	22.52	22.56	22.48	0.1208	0.1219	0.1197
15	16QAM	1	0	22.36	22.32	22.38	0.1164	0.1153	0.1169
Channel									
26090									
Frequency (MHz)									
10	QPSK	1	0	22.47	22.51	22.49	0.1194	0.1205	0.1196
10	16QAM	1	0	22.33	22.41	22.39	0.1159	0.1178	0.1172
Channel									
26065									
Frequency (MHz)									
5	QPSK	1	0	22.52	22.50	22.55	0.1208	0.1200	0.1216
5	16QAM	1	0	22.25	22.43	22.36	0.1135	0.1183	0.1164
Channel									
26040									
Frequency (MHz)									
5	QPSK	1	0	22.46	22.54	22.56	0.1191	0.1213	0.1219
5	16QAM	1	0	22.28	22.41	22.30	0.1160	0.1181	0.1148
Channel									
26015									
Frequency (MHz)									
1.4	QPSK	1	0	22.44	22.56	22.45	0.1180	0.1219	0.1189
1.4	16QAM	1	0	22.30	22.43	22.38	0.1140	0.1180	0.1169

Band 26_ANT1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				26760	26860	26815	26965			
Frequency (MHz)				824	831.5	836.5	841.5	1mWatt	L	M
15	QPSK	1	0	23.52	23.53	23.53	23.54	0.0455	0.0471	0.0455
15	QPSK	1	14	23.33	23.30	23.32	23.32	0.0433	0.0432	0.0434
15	QPSK	15	0	23.30	23.22	23.12	22.93	0.0432	0.0424	0.0395
15	16QAM	1	0	23.55	23.56	23.57	23.59	0.0457	0.0458	0.0439
15	16QAM	1	0	23.33	23.36	23.34	23.34	0.0432	0.0438	0.0425
15	256QAM	1	0	23.52	23.52	23.78	23.61	0.0339	0.0338	0.0325
Channel				26760	26860	26815	26960	EIRP(W)		
Frequency (MHz)				824	829	836.5	844	1mWatt	L	M
10	QPSK	1	0	23.50	23.58	23.55	23.44	0.0451	0.0450	0.0457
10	16QAM	1	0	23.38	23.48	23.28	23.07	0.0438	0.0450	0.0430
Channel				26760	26815	26815	27015	EIRP(W)		
Frequency (MHz)				824	826.5	826.5	846.5	1mWatt	L	M
5	QPSK	1	0	23.52	23.63	23.64	23.40	0.0459	0.0466	0.0467
5	16QAM	1	0	23.50	23.35	23.44	23.11	0.0435	0.0437	0.0446
Channel				26760	26815	26815	27025	EIRP(W)		
Frequency (MHz)				824	826.5	826.5	847.5	1mWatt	L	M
3	QPSK	1	0	23.52	23.52	23.56	23.41	0.0457	0.0454	0.0458
3	16QAM	1	0	23.52	23.37	23.50	23.07	0.0434	0.0439	0.0452
Channel				26760	26770	26715	26823	EIRP(W)		
Frequency (MHz)				824	824.7	836.5	846.3	1mWatt	L	M
1.4	QPSK	1	0	23.60	23.62	23.59	23.39	0.0462	0.0465	0.0461
1.4	16QAM	1	0	23.27	23.35	23.44	23.08	0.0420	0.0437	0.0446

Band 26_90s_ANT1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.				
Channel				26760	26860	26760				
Frequency (MHz)				819	819	819				
10	QPSK	1	0	23.22	23.22	23.22				
10	QPSK	1	48	23.01	23.01	23.01				
10	QPSK	80	0	22.84	22.84	22.84				
10	16QAM	1	0	23.14	23.14	23.14				
10	64QAM	1	0	22.92	22.92	22.92				
10	256QAM	1	0	10.52	10.52	10.52				
Channel				26735	26740	26765				
Frequency (MHz)				816.5	817	821.5				
5	QPSK	1	0	23.14	23.28	23.25				
5	16QAM	1	0	22.39	22.53	22.34				
Channel				26765	26760	26775				
Frequency (MHz)				816.5	819	821.5				
3	QPSK	1	0	23.13	23.20	23.00				
3	16QAM	1	0	22.78	22.87	22.84				
Channel				26801	26760	26768				
Frequency (MHz)				814.7	819	821.3				
1.4	QPSK	1	0	23.02	23.13	23.09				
1.4	16QAM	1	0	22.86	22.91	22.96				

Band 66_ANT1							E-UTRA		FDD		
RF (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 1 / Power	Power Middle Ch. 1 / Power	Power High Ch. 1 / Power	ERP(W)				
Channel							Frequency (MHz)				
20	QPSK	1	0	22.80	22.56	22.53	0.1072	0.1138	0.1130		
20	QPSK	1	80	22.80	22.42	22.53	0.1024	0.1102	0.1054		
20	QPSK	100	0	21.50	21.05	21.07	0.0891	0.0968	0.0927		
20	16QAM	1	0	22.00	22.27	22.06	0.1000	0.1064	0.1014		
20	16QAM	1	0	21.67	22.00	21.48	0.0907	0.1000	0.0953		
20	256QAM	1	0	18.50	18.59	18.45	0.0432	0.0468	0.0442		
Channel							Frequency (MHz)				
15	QPSK	1	0	22.25	22.46	22.30	0.1059	0.1112	0.1072		
15	16QAM	1	0	22.00	22.17	22.00	0.1002	0.1040	0.1000		
Channel							Frequency (MHz)				
10	QPSK	1	0	22.57	22.51	22.97	0.1040	0.1125	0.1089		
10	16QAM	1	0	22.00	22.17	22.05	0.1000	0.1040	0.1012		
Channel							Frequency (MHz)				
5	QPSK	1	0	22.50	22.44	22.31	0.1069	0.1107	0.1074		
5	16QAM	1	0	22.00	22.20	22.04	0.1000	0.1047	0.1009		
Channel							Frequency (MHz)				
3	QPSK	1	0	22.16	22.08	22.33	0.1038	0.1091	0.1079		
3	16QAM	1	0	22.00	22.14	22.03	0.1005	0.1033	0.1007		
Channel							Frequency (MHz)				
1.4	QPSK	1	0	22.22	22.45	22.34	0.1052	0.1100	0.1061		
1.4	16QAM	1	0	22.00	22.21	22.00	0.1000	0.1050	0.1000		

Band 71_ANT1							LCI (MHz)	3
							PCF (MHz)	8
RF (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 1 / Ch. 2	Power Middle Ch. 1 / Ch. 2	Power High Ch. 1 / Ch. 2	ERP(W)	
Channel								
Frequency (MHz)								
20	QPSK	1	0	23.40	23.48	23.44	0.0237	0.0242
20	QPSK	1	80	22.88	23.03	22.85	0.0211	0.0218
20	QPSK	100	0	22.83	23.04	22.95	0.0208	0.0218
20	16QAM	1	0	23.13	23.34	23.27	0.0223	0.0234
20	16QAM	1	0	22.86	23.05	22.88	0.0210	0.0218
20	256QAM	1	0	19.46	19.68	19.50	0.0096	0.0101
Channel								
Frequency (MHz)								
15	QPSK	1	0	23.30	23.47	23.32	0.0232	0.0241
15	16QAM	1	0	23.07	23.51	23.21	0.0220	0.0232
Channel								
Frequency (MHz)								
10	QPSK	1	0	23.35	23.45	23.38	0.0234	0.0239
10	16QAM	1	0	23.05	23.26	23.15	0.0219	0.0230
Channel								
Frequency (MHz)								
5	QPSK	1	0	23.28	23.41	23.36	0.0231	0.0238
5	16QAM	1	0	23.01	23.26	23.17	0.0217	0.0230

Band 38_ANT1							IC Limit(W)	2	
							FCC Limit(W)	2	
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610	L	M	H
20	QPSK	1	0	22.64	22.72	22.70	0.1159	0.1180	0.1175
20	QPSK	1	99	22.24	22.38	22.23	0.1057	0.1091	0.1054
20	QPSK	100	0	21.41	21.56	21.44	0.0873	0.0904	0.0879
20	16QAM	1	0	21.44	21.62	21.53	0.0879	0.0916	0.0897
20	64QAM	1	0	20.59	20.71	20.68	0.0723	0.0743	0.0738
20	256QAM	1	0	17.51	17.64	17.50	0.0356	0.0366	0.0355
Channel				37825	38000	38175	EIRP(W)		
Frequency (MHz)				2577.5	2595	2612.5	L	M	H
15	QPSK	1	0	22.54	22.64	22.67	0.1132	0.1159	0.1167
15	16QAM	1	0	21.42	21.49	21.51	0.0875	0.0889	0.0893
Channel				37800	38000	38200	EIRP(W)		
Frequency (MHz)				2575	2595	2615	L	M	H
10	QPSK	1	0	22.59	22.61	22.68	0.1146	0.1151	0.1169
10	16QAM	1	0	21.36	21.48	21.39	0.0863	0.0887	0.0869
Channel				37775	38000	38225	EIRP(W)		
Frequency (MHz)				2572.5	2595	2617.5	L	M	H
5	QPSK	1	0	22.56	22.71	22.63	0.1138	0.1178	0.1156
5	16QAM	1	0	21.30	21.52	21.48	0.0851	0.0895	0.0887

Band 41(Full Band)_ANT1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				39750	40620	41490			
Frequency (MHz)				2506	2593	2680	L	M	H
20	QPSK	1	0	25.68	25.75	25.61	0.2333	0.2371	0.2296
20	QPSK	1	99	25.24	25.36	25.16	0.2109	0.2168	0.2070
20	QPSK	100	0	24.33	24.44	24.26	0.1710	0.1754	0.1683
20	16QAM	1	0	24.41	24.51	24.30	0.1742	0.1782	0.1698
20	64QAM	1	0	23.57	23.65	23.40	0.1435	0.1462	0.1380
20	256QAM	1	0	20.33	20.47	20.32	0.0681	0.0703	0.0679
Channel				39725	40620	41515	EIRP(W)		
Frequency (MHz)				2503.5	2593	2682.5	L	M	H
15	QPSK	1	0	25.61	25.62	25.58	0.2296	0.2301	0.2280
15	16QAM	1	0	24.39	24.49	24.22	0.1734	0.1774	0.1667
Channel				39700	40620	41540	EIRP(W)		
Frequency (MHz)				2501	2593	2685	L	M	H
10	QPSK	1	0	25.54	25.65	25.56	0.2250	0.2317	0.2270
10	16QAM	1	0	24.30	24.48	24.21	0.1698	0.1770	0.1663
Channel				39675	40620	41565	EIRP(W)		
Frequency (MHz)				2498.5	2593	2687.5	L	M	H
5	QPSK	1	0	25.67	25.64	25.51	0.2328	0.2312	0.2244
5	16QAM	1	0	24.32	24.49	24.19	0.1706	0.1774	0.1656

2C_ANT1							
						IC Limit(W)	2
						FCC Limit(W)	2
Combination 20MHz+20MHz (100RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	23.20	0.1413
M	QPSK	1	Max	1	0	23.08	0.1374
H	QPSK	1	Max	1	0	23.09	0.1377
L	16QAM	1	Max	1	0	23.19	0.1409
M	16QAM	1	Max	1	0	23.17	0.1403
H	16QAM	1	Max	1	0	23.13	0.1390
L	64QAM	1	Max	1	0	22.65	0.1245
M	64QAM	1	Max	1	0	22.67	0.1250
H	64QAM	1	Max	1	0	22.58	0.1225
L	256QAM	1	Max	1	0	19.15	0.0556
M	256QAM	1	Max	1	0	19.22	0.0565
H	256QAM	1	Max	1	0	19.17	0.0558
Combination 20MHz+15MHz (100RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	23.02	0.1355
L	16QAM	1	Max	1	0	23.07	0.1371
Combination 15MHz+20MHz (75RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	23.05	0.1365
L	16QAM	1	Max	1	0	23.17	0.1403
Combination 15MHz+15MHz (75RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	23.11	0.1384
L	16QAM	1	Max	1	0	23.14	0.1393
Combination 20MHz+10MHz (100RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	23.16	0.1400
L	16QAM	1	Max	1	0	23.15	0.1396
Combination 10MHz+20MHz (50RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	23.05	0.1365
L	16QAM	1	Max	1	0	23.19	0.1409
Combination 15MHz+10MHz (75RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	23.08	0.1374
L	16QAM	1	Max	1	0	23.19	0.1409
Combination 10MHz+15MHz (50RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	23.02	0.1355
L	16QAM	1	Max	1	0	23.19	0.1409
Combination 20MHz+5MHz (100RB+25RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	23.02	0.1355
L	16QAM	1	Max	1	0	23.18	0.1406
Combination 5MHz+20MHz (25RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	23.12	0.1387
L	16QAM	1	Max	1	0	23.07	0.1371

7C_ANT1							
Combination 20MHz+20MHz (100RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.68	0.1169
M	QPSK	1	Max	1	0	22.65	0.1161
H	QPSK	1	Max	1	0	22.60	0.1148
L	16QAM	1	Max	1	0	22.18	0.1042
M	16QAM	1	Max	1	0	22.15	0.1035
H	16QAM	1	Max	1	0	22.11	0.1026
L	64QAM	1	Max	1	0	22.16	0.1038
M	64QAM	1	Max	1	0	22.15	0.1035
H	64QAM	1	Max	1	0	22.09	0.1021
L	256QAM	1	Max	1	0	18.86	0.0485
M	256QAM	1	Max	1	0	18.85	0.0484
H	256QAM	1	Max	1	0	18.81	0.0480
Combination 20MHz+15MHz (100RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.63	0.1156
L	16QAM	1	Max	1	0	22.54	0.1132
Combination 15MHz+20MHz (75RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.62	0.1153
L	16QAM	1	Max	1	0	22.60	0.1148
Combination 15MHz+15MHz (75RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.61	0.1151
L	16QAM	1	Max	1	0	22.55	0.1135
Combination 20MHz+10MHz (100RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.68	0.1169
L	16QAM	1	Max	1	0	22.62	0.1153
Combination 10MHz+20MHz (50RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.66	0.1164
L	16QAM	1	Max	1	0	22.62	0.1153
Combination 15MHz+10MHz (75RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.60	0.1148
L	16QAM	1	Max	1	0	22.65	0.1161

16QAM偏小

41C FCC_ANT1							FCC Limit(W):	2
Combination 20MHz+20MHz (100RB+100RB)								
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)	
		RB Size	RB offset	RB Size	RB offset			
L	QPSK	1	Max	1	0	25.20	0.2089	
M	QPSK	1	Max	1	0	25.18	0.2080	
H	QPSK	1	Max	1	0	25.66	0.2323	
L	16QAM	1	Max	1	0	24.15	0.1641	
M	16QAM	1	Max	1	0	24.34	0.1714	
H	16QAM	1	Max	1	0	24.79	0.1901	
L	64QAM	1	Max	1	0	22.91	0.1233	
M	64QAM	1	Max	1	0	22.71	0.1178	
H	64QAM	1	Max	1	0	23.65	0.1462	
L	256QAM	1	Max	1	0	18.67	0.0465	
M	256QAM	1	Max	1	0	18.98	0.0499	
H	256QAM	1	Max	1	0	19.17	0.0521	
Combination 20MHz+15MHz (100RB+75RB)								
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)	
		RB Size	RB offset	RB Size	RB offset			
H	QPSK	1	Max	1	0	25.63	0.2307	
H	16QAM	1	Max	1	0	24.71	0.1866	
Combination 15MHz+20MHz (75RB+100RB)								
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)	
		RB Size	RB offset	RB Size	RB offset			
H	QPSK	1	Max	1	0	24.96	0.1977	
H	16QAM	1	Max	1	0	25.63	0.2307	
Combination 15MHz+15MHz (75RB+75RB)								
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)	
		RB Size	RB offset	RB Size	RB offset			
H	QPSK	1	Max	1	0	25.52	0.2249	
H	16QAM	1	Max	1	0	24.75	0.1884	
Combination 20MHz+10MHz (100RB+50RB)								
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)	
		RB Size	RB offset	RB Size	RB offset			
H	QPSK	1	Max	1	0	25.61	0.2296	
H	16QAM	1	Max	1	0	24.74	0.1879	
Combination 10MHz+20MHz (50RB+100RB)								
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)	
		RB Size	RB offset	RB Size	RB offset			
H	QPSK	1	Max	1	0	20.29	0.0675	
H	16QAM	1	Max	1	0	24.68	0.1854	
Combination 15MHz+10MHz (75RB+50RB)								
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)	
		RB Size	RB offset	RB Size	RB offset			
H	QPSK	1	Max	1	0	25.61	0.2296	
H	16QAM	1	Max	1	0	24.76	0.1888	
Combination 10MHz+15MHz (50RB+75RB)								
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)	
		RB Size	RB offset	RB Size	RB offset			
H	QPSK	1	Max	1	0	25.61	0.2296	
H	16QAM	1	Max	1	0	24.72	0.1871	
Combination 20MHz+5MHz (100RB+25RB)								
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)	
		RB Size	RB offset	RB Size	RB offset			
H	QPSK	1	Max	1	0	25.73	0.2360	
H	16QAM	1	Max	1	0	24.78	0.1897	
Combination 5MHz+20MHz (25RB+100RB)								
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)	
		RB Size	RB offset	RB Size	RB offset			
H	QPSK	1	Max	1	0	25.52	0.2249	
H	16QAM	1	Max	1	0	24.63	0.1832	

66C_ANT1						IC Limit(W):	1
						FCC Limit(W):	1
Combination 20MHz+20MHz (100RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.52	0.1127
M	QPSK	1	Max	1	0	22.31	0.1074
H	QPSK	1	Max	1	0	22.46	0.1112
L	16QAM	1	Max	1	0	22.52	0.1127
M	16QAM	1	Max	1	0	22.52	0.1127
H	16QAM	1	Max	1	0	22.35	0.1084
L	64QAM	1	Max	1	0	21.88	0.0973
M	64QAM	1	Max	1	0	22.03	0.1007
H	64QAM	1	Max	1	0	21.93	0.0984
L	256QAM	1	Max	1	0	18.37	0.0434
M	256QAM	1	Max	1	0	18.57	0.0454
H	256QAM	1	Max	1	0	18.55	0.0452
Combination 20MHz+15MHz (100RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.37	0.1089
M	16QAM	1	Max	1	0	22.37	0.1089
Combination 15MHz+20MHz (75RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.38	0.1091
M	16QAM	1	Max	1	0	22.30	0.1072
Combination 15MHz+15MHz (75RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.50	0.1122
M	16QAM	1	Max	1	0	22.27	0.1064
Combination 20MHz+10MHz (100RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.51	0.1125
M	16QAM	1	Max	1	0	22.39	0.1094
Combination 10MHz+20MHz (50RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.48	0.1117
M	16QAM	1	Max	1	0	22.38	0.1091
Combination 15MHz+10MHz (75RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.52	0.1127
M	16QAM	1	Max	1	0	22.38	0.1091
Combination 10MHz+15MHz (50RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.43	0.1104
M	16QAM	1	Max	1	0	22.35	0.1084
Combination 20MHz+5MHz (100RB+25RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.38	0.1091
M	16QAM	1	Max	1	0	22.38	0.1091
Combination 5MHz+20MHz (25RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.42	0.1102
M	16QAM	1	Max	1	0	22.28	0.1067

Band 2_ANT2									
IC Limit(W): 2									
FCC Limit(W): 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	EIRP(W)		
Channel				18700	18900	19100			
Frequency (MHz)				1860	1880	1900	L	M	H
20	QPSK	1	0	22.79	22.92	22.80	0.0889	0.0916	0.0891
20	QPSK	1	99	22.65	22.79	22.62	0.0861	0.0889	0.0855
20	QPSK	100	0	22.72	22.88	22.72	0.0875	0.0908	0.0875
20	16QAM	1	0	22.68	22.90	22.70	0.0867	0.0912	0.0871
20	64QAM	1	0	22.15	22.34	22.21	0.0767	0.0802	0.0778
20	256QAM	1	0	19.10	19.30	19.11	0.0380	0.0398	0.0381
Channel				18675	18900	19125	EIRP(W)		
Frequency (MHz)				1857.5	1880	1902.5	L	M	H
15	QPSK	1	0	22.68	22.84	22.74	0.0867	0.0899	0.0879
15	16QAM	1	0	22.64	22.84	22.60	0.0859	0.0899	0.0851
Channel				18650	18900	19150	EIRP(W)		
Frequency (MHz)				1855	1880	1905	L	M	H
10	QPSK	1	0	22.71	22.78	22.73	0.0873	0.0887	0.0877
10	16QAM	1	0	22.55	22.85	22.65	0.0841	0.0902	0.0861
Channel				18625	18900	19175	EIRP(W)		
Frequency (MHz)				1852.5	1880	1907.5	L	M	H
5	QPSK	1	0	22.70	22.89	22.70	0.0871	0.0910	0.0871
5	16QAM	1	0	22.65	22.89	22.66	0.0861	0.0910	0.0863
Channel				18615	18900	19185	EIRP(W)		
Frequency (MHz)				1851.5	1880	1908.5	L	M	H
3	QPSK	1	0	22.77	22.80	22.69	0.0885	0.0891	0.0869
3	16QAM	1	0	22.54	22.82	22.67	0.0839	0.0895	0.0865
Channel				18607	18900	19193	EIRP(W)		
Frequency (MHz)				1850.7	1880	1909.3	L	M	H
1.4	QPSK	1	0	22.76	22.80	22.66	0.0883	0.0891	0.0863
1.4	16QAM	1	0	22.54	22.76	22.56	0.0839	0.0883	0.0843

Band 7_ANT2									
				IC Limit(W):		2			
				FCC Limit(W):		2			
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				20850	20850	21350			
Frequency (MHz)				2510	2535	2560	L	M	H
20	QPSK	1	0	22.87	23.07	22.84	0.1435	0.1503	0.1426
20	QPSK	1	99	22.51	22.75	22.50	0.1321	0.1396	0.1318
20	QPSK	100	0	22.54	22.83	22.54	0.1330	0.1422	0.1330
20	16QAM	1	0	22.69	23.02	22.78	0.1377	0.1486	0.1406
20	64QAM	1	0	21.99	22.24	21.87	0.1172	0.1242	0.1140
20	256QAM	1	0	18.77	18.95	18.69	0.0558	0.0582	0.0548
Channel				20825	21100	21375	EIRP(W)		
Frequency (MHz)				2507.5	2535	2562.5	L	M	H
15	QPSK	1	0	22.84	23.03	22.69	0.1426	0.1489	0.1377
15	16QAM	1	0	22.60	22.95	22.73	0.1349	0.1462	0.1390
Channel				20800	21100	21400	EIRP(W)		
Frequency (MHz)				2505	2535	2565	L	M	H
10	QPSK	1	0	22.76	22.96	22.83	0.1400	0.1466	0.1422
10	16QAM	1	0	22.63	22.91	22.77	0.1358	0.1449	0.1403
Channel				20775	21100	21425	EIRP(W)		
Frequency (MHz)				2502.5	2535	2567.5	L	M	H
5	QPSK	1	0	22.85	23.04	22.78	0.1429	0.1493	0.1406
5	16QAM	1	0	22.59	22.92	22.77	0.1346	0.1452	0.1403

Band 25_ANT2									
				IC Limit(W):		2			
				FCC Limit(W):		2			
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				26140	26340	26590			
Frequency (MHz)				1860	1880	1905	L	M	H
20	QPSK	1	0	22.98	23.01	22.87	0.0929	0.0935	0.0906
20	QPSK	1	99	22.54	22.60	22.42	0.0830	0.0851	0.0817
20	QPSK	100	0	22.58	22.66	22.51	0.0847	0.0863	0.0834
20	16QAM	1	0	22.84	22.92	22.69	0.0899	0.0916	0.0869
20	64QAM	1	0	22.31	22.42	22.22	0.0796	0.0817	0.0780
20	256QAM	1	0	19.13	19.30	19.04	0.0383	0.0398	0.0375
Channel				26115	26340	26615	EIRP(W)		
Frequency (MHz)				1857.5	1880	1907.5	L	M	H
15	QPSK	1	0	22.83	22.93	22.82	0.0897	0.0918	0.0895
15	16QAM	1	0	22.76	22.87	22.60	0.0883	0.0906	0.0851
Channel				26090	26340	26640	EIRP(W)		
Frequency (MHz)				1855	1880	1910	L	M	H
10	QPSK	1	0	22.84	22.92	22.75	0.0899	0.0916	0.0881
10	16QAM	1	0	22.71	22.85	22.64	0.0873	0.0902	0.0859
Channel				26065	26340	26665	EIRP(W)		
Frequency (MHz)				1852.5	1880	1912.5	L	M	H
5	QPSK	1	0	22.86	22.93	22.85	0.0904	0.0918	0.0902
5	16QAM	1	0	22.82	22.79	22.57	0.0895	0.0889	0.0845
Channel				26055	26340	26675	EIRP(W)		
Frequency (MHz)				1851.5	1880	1913.5	L	M	H
3	QPSK	1	0	22.94	22.86	22.76	0.0920	0.0904	0.0883
3	16QAM	1	0	22.74	22.90	22.65	0.0879	0.0912	0.0861
Channel				26047	26340	26683	EIRP(W)		
Frequency (MHz)				1850.7	1880	1914.3	L	M	H
1.4	QPSK	1	0	22.91	22.86	22.76	0.0914	0.0904	0.0883
1.4	16QAM	1	0	22.79	22.88	22.57	0.0889	0.0908	0.0845

Band 66_ANT2							IC Limit(W): 1	
							FCC Limit(W): 1	
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)	
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770	L	M H
20	QPSK	1	0	22.86	22.95	22.92	0.0925	0.0944 0.0938
20	QPSK	1	99	22.78	22.89	22.75	0.0908	0.0931 0.0902
20	QPSK	100	0	22.75	22.92	22.85	0.0902	0.0938 0.0923
20	16QAM	1	0	22.60	22.80	22.68	0.0871	0.0912 0.0887
20	64QAM	1	0	22.02	22.14	22.06	0.0762	0.0783 0.0769
20	256QAM	1	0	18.97	19.06	19.00	0.0378	0.0385 0.0380
Channel				132047	132322	132597	EIRP(W)	
Frequency (MHz)				1717.5	1745	1772.5	L	M H
15	QPSK	1	0	22.75	22.81	22.82	0.0902	0.0914 0.0916
15	16QAM	1	0	22.49	22.68	22.62	0.0849	0.0887 0.0875
Channel				132022	132322	132622	EIRP(W)	
Frequency (MHz)				1715	1745	1775	L	M H
10	QPSK	1	0	22.72	22.81	22.85	0.0895	0.0914 0.0923
10	16QAM	1	0	22.47	22.69	22.60	0.0845	0.0889 0.0871
Channel				131997	132322	132647	EIRP(W)	
Frequency (MHz)				1712.5	1745	1777.5	L	M H
5	QPSK	1	0	22.72	22.83	22.89	0.0895	0.0918 0.0931
5	16QAM	1	0	22.49	22.73	22.56	0.0849	0.0897 0.0863
Channel				131987	132322	132657	EIRP(W)	
Frequency (MHz)				1711.5	1745	1778.5	L	M H
3	QPSK	1	0	22.73	22.90	22.85	0.0897	0.0933 0.0923
3	16QAM	1	0	22.58	22.70	22.64	0.0867	0.0891 0.0879
Channel				131979	132322	132665	EIRP(W)	
Frequency (MHz)				1710.7	1745	1779.3	L	M H
1.4	QPSK	1	0	22.71	22.90	22.86	0.0893	0.0933 0.0925
1.4	16QAM	1	0	22.53	22.75	22.58	0.0857	0.0902 0.0867

Band 38_ANT2							
				IC Limit(W)		2	
				FCC Limit(W)		2	
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	L M H
20	QPSK	1	0	22.99	23.05	22.86	0.1476 0.1496 0.1432
20	QPSK	1	99	22.74	22.90	22.57	0.1393 0.1445 0.1340
20	QPSK	100	0	22.79	22.95	22.62	0.1409 0.1462 0.1355
20	16QAM	1	0	22.91	23.00	22.69	0.1449 0.1479 0.1377
20	64QAM	1	0	22.36	22.56	22.25	0.1276 0.1337 0.1245
20	256QAM	1	0	19.32	19.47	19.21	0.0634 0.0656 0.0618
Channel				37825	38000	38175	EIRP(W)
Frequency (MHz)				2577.5	2595	2612.5	L M H
15	QPSK	1	0	22.85	22.99	22.75	0.1429 0.1476 0.1396
15	16QAM	1	0	22.67	22.92	22.67	0.1435 0.1452 0.1371
Channel				37800	38000	38200	EIRP(W)
Frequency (MHz)				2575	2595	2615	L M H
10	QPSK	1	0	22.93	22.94	22.91	0.1455 0.1459 0.1416
10	16QAM	1	0	22.82	22.96	22.55	0.1419 0.1466 0.1334
Channel				37775	38000	38225	EIRP(W)
Frequency (MHz)				2572.5	2595	2617.5	L M H
5	QPSK	1	0	22.85	22.98	22.82	0.1429 0.1472 0.1419
5	16QAM	1	0	22.85	22.90	22.54	0.1429 0.1445 0.1330

Band 41(Full Band)_ANT2							
				Power Low Ch. / Freq.		Power Middle Ch. / Freq.	
				Power High Ch. / Freq.		EIRP(W)	
Channel				39750	40620	41490	
Frequency (MHz)				2506	2593	2680	L M H
20	QPSK	1	0	25.76	26.03	26.01	0.2793 0.2972 0.2958
20	QPSK	1	99	25.38	25.70	25.65	0.2559 0.2754 0.2723
20	QPSK	100	0	25.28	25.80	25.48	0.2500 0.2692 0.2618
20	16QAM	1	0	25.42	25.79	25.64	0.2582 0.2812 0.2716
20	64QAM	1	0	24.69	25.06	24.94	0.2183 0.2377 0.2312
20	256QAM	1	0	21.43	21.76	21.68	0.1030 0.1112 0.1091
Channel				39725	40620	41515	EIRP(W)
Frequency (MHz)				2503.5	2593	2682.5	L M H
15	QPSK	1	0	25.67	25.88	25.87	0.2735 0.2871 0.2864
15	16QAM	1	0	25.30	25.75	25.53	0.2512 0.2788 0.2649
Channel				39700	40620	41540	EIRP(W)
Frequency (MHz)				2501	2593	2685	L M H
10	QPSK	1	0	25.72	25.89	25.98	0.2767 0.2877 0.2938
10	16QAM	1	0	25.33	25.76	25.55	0.2529 0.2793 0.2661
Channel				39675	40620	41565	EIRP(W)
Frequency (MHz)				2498.5	2593	2687.5	L M H
5	QPSK	1	0	25.71	25.89	25.93	0.2761 0.2877 0.2904
5	16QAM	1	0	25.34	25.76	25.58	0.2535 0.2793 0.2679

2C_ANT2						IC Limit(W):	2
						FCC Limit(W):	2
Combination 20MHz+20MHz (100RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.96	0.0925
M	QPSK	1	Max	1	0	22.92	0.0916
H	QPSK	1	Max	1	0	22.88	0.0908
L	16QAM	1	Max	1	0	22.95	0.0923
M	16QAM	1	Max	1	0	22.94	0.0920
H	16QAM	1	Max	1	0	22.84	0.0899
L	64QAM	1	Max	1	0	22.41	0.0815
M	64QAM	1	Max	1	0	22.36	0.0805
H	64QAM	1	Max	1	0	22.38	0.0809
L	256QAM	1	Max	1	0	18.86	0.0360
M	256QAM	1	Max	1	0	18.85	0.0359
H	256QAM	1	Max	1	0	18.81	0.0356
Combination 20MHz+15MHz (100RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.89	0.0910
L	16QAM	1	Max	1	0	22.84	0.0899
Combination 15MHz+20MHz (75RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.91	0.0914
L	16QAM	1	Max	1	0	22.86	0.0904
Combination 15MHz+15MHz (75RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.87	0.0906
L	16QAM	1	Max	1	0	22.93	0.0918
Combination 20MHz+10MHz (100RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.88	0.0908
L	16QAM	1	Max	1	0	22.91	0.0914
Combination 10MHz+20MHz (50RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.81	0.0893
L	16QAM	1	Max	1	0	22.81	0.0893
Combination 15MHz+10MHz (75RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.85	0.0902
L	16QAM	1	Max	1	0	22.82	0.0895
Combination 10MHz+15MHz (50RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.87	0.0906
L	16QAM	1	Max	1	0	22.90	0.0912
Combination 20MHz+5MHz (100RB+25RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.85	0.0902
L	16QAM	1	Max	1	0	22.84	0.0899
Combination 5MHz+20MHz (25RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.79	0.0889
L	16QAM	1	Max	1	0	22.95	0.0923

7C_ANT2							
Combination 20MHz+20MHz (100RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	23.02	0.1486
M	QPSK	1	Max	1	0	22.82	0.1419
H	QPSK	1	Max	1	0	22.91	0.1449
L	16QAM	1	Max	1	0	23.01	0.1483
M	16QAM	1	Max	1	0	22.96	0.1466
H	16QAM	1	Max	1	0	22.90	0.1445
L	64QAM	1	Max	1	0	22.46	0.1306
M	64QAM	1	Max	1	0	22.44	0.1300
H	64QAM	1	Max	1	0	22.35	0.1274
L	256QAM	1	Max	1	0	18.93	0.0579
M	256QAM	1	Max	1	0	19.07	0.0598
H	256QAM	1	Max	1	0	18.93	0.0579
Combination 20MHz+15MHz (100RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.92	0.1452
L	16QAM	1	Max	1	0	22.80	0.1413
Combination 15MHz+20MHz (75RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.86	0.1432
L	16QAM	1	Max	1	0	22.75	0.1396
Combination 15MHz+15MHz (75RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.90	0.1445
L	16QAM	1	Max	1	0	22.87	0.1435
Combination 20MHz+10MHz (100RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.88	0.1439
L	16QAM	1	Max	1	0	22.81	0.1416
Combination 10MHz+20MHz (50RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.93	0.1455
L	16QAM	1	Max	1	0	22.85	0.1429
Combination 15MHz+10MHz (75RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.89	0.1442
L	16QAM	1	Max	1	0	22.86	0.1432

41C FCC_ANT2							FCC Limit(W):	2
Combination 20MHz+20MHz (100RB+100RB)								
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)	
		RB Size	RB offset	RB Size	RB offset			
L	QPSK	1	Max	1	0	26.17	0.3069	
M	QPSK	1	Max	1	0	26.32	0.3177	
H	QPSK	1	Max	1	0	26.70	0.3467	
L	16QAM	1	Max	1	0	25.19	0.2449	
M	16QAM	1	Max	1	0	25.40	0.2570	
H	16QAM	1	Max	1	0	25.79	0.2812	
L	64QAM	1	Max	1	0	24.05	0.1884	
M	64QAM	1	Max	1	0	23.64	0.1714	
H	64QAM	1	Max	1	0	24.63	0.2153	
L	256QAM	1	Max	1	0	20.66	0.0863	
M	256QAM	1	Max	1	0	20.91	0.0914	
H	256QAM	1	Max	1	0	21.08	0.0951	
Combination 20MHz+15MHz (100RB+75RB)								
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)	
		RB Size	RB offset	RB Size	RB offset			
H	QPSK	1	Max	1	0	26.63	0.3412	
H	16QAM	1	Max	1	0	25.79	0.2812	
Combination 15MHz+20MHz (75RB+100RB)								
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)	
		RB Size	RB offset	RB Size	RB offset			
H	QPSK	1	Max	1	0	26.64	0.3420	
H	16QAM	1	Max	1	0	25.65	0.2723	
Combination 15MHz+15MHz (75RB+75RB)								
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)	
		RB Size	RB offset	RB Size	RB offset			
H	QPSK	1	Max	1	0	26.54	0.3342	
H	16QAM	1	Max	1	0	25.66	0.2729	
Combination 20MHz+10MHz (100RB+50RB)								
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)	
		RB Size	RB offset	RB Size	RB offset			
H	QPSK	1	Max	1	0	26.63	0.3412	
H	16QAM	1	Max	1	0	25.77	0.2799	
Combination 10MHz+20MHz (50RB+100RB)								
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)	
		RB Size	RB offset	RB Size	RB offset			
H	QPSK	1	Max	1	0	25.69	0.2748	
H	16QAM	1	Max	1	0	25.68	0.2742	
Combination 15MHz+10MHz (75RB+50RB)								
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)	
		RB Size	RB offset	RB Size	RB offset			
H	QPSK	1	Max	1	0	26.61	0.3396	
H	16QAM	1	Max	1	0	25.86	0.2858	
Combination 10MHz+15MHz (50RB+75RB)								
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)	
		RB Size	RB offset	RB Size	RB offset			
H	QPSK	1	Max	1	0	26.59	0.3381	
H	16QAM	1	Max	1	0	25.83	0.2838	
Combination 20MHz+5MHz (100RB+25RB)								
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)	
		RB Size	RB offset	RB Size	RB offset			
H	QPSK	1	Max	1	0	26.68	0.3451	
H	16QAM	1	Max	1	0	25.80	0.2818	
Combination 5MHz+20MHz (25RB+100RB)								
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)	
		RB Size	RB offset	RB Size	RB offset			
H	QPSK	1	Max	1	0	26.53	0.3334	
H	16QAM	1	Max	1	0	25.61	0.2698	

66C_ANT2						IC Limit(W):	1
						FCC Limit(W):	1
Combination 20MHz+20MHz (100RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.94	0.0942
M	QPSK	1	Max	1	0	22.87	0.0927
H	QPSK	1	Max	1	0	22.73	0.0897
L	16QAM	1	Max	1	0	22.91	0.0935
M	16QAM	1	Max	1	0	22.93	0.0940
H	16QAM	1	Max	1	0	22.89	0.0931
L	64QAM	1	Max	1	0	22.28	0.0809
M	64QAM	1	Max	1	0	22.33	0.0818
H	64QAM	1	Max	1	0	22.36	0.0824
L	256QAM	1	Max	1	0	18.90	0.0372
M	256QAM	1	Max	1	0	18.98	0.0378
H	256QAM	1	Max	1	0	18.93	0.0374
Combination 20MHz+15MHz (100RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.77	0.0906
M	16QAM	1	Max	1	0	22.73	0.0897
Combination 15MHz+20MHz (75RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.90	0.0933
M	16QAM	1	Max	1	0	22.74	0.0899
Combination 15MHz+15MHz (75RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.88	0.0929
M	16QAM	1	Max	1	0	22.68	0.0887
Combination 20MHz+10MHz (100RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.84	0.0920
M	16QAM	1	Max	1	0	22.66	0.0883
Combination 10MHz+20MHz (50RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.91	0.0935
M	16QAM	1	Max	1	0	22.78	0.0908
Combination 15MHz+10MHz (75RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.84	0.0920
M	16QAM	1	Max	1	0	22.71	0.0893
Combination 10MHz+15MHz (50RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.81	0.0914
M	16QAM	1	Max	1	0	22.71	0.0893
Combination 20MHz+5MHz (100RB+25RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.77	0.0906
M	16QAM	1	Max	1	0	22.66	0.0883
Combination 5MHz+20MHz (25RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.92	0.0938
M	16QAM	1	Max	1	0	22.72	0.0895

Band 42(3450-3550)_ANT5

FCC Limit(W): 30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540	L	M	H
20	QPSK	1	0	23.19	23.21	23.14	0.0889	0.0893	0.0879
20	QPSK	1	99	22.89	23.00	22.79	0.0830	0.0851	0.0811
20	QPSK	100	0	22.88	23.04	22.95	0.0828	0.0859	0.0841
20	16QAM	1	0	23.02	23.11	22.92	0.0855	0.0873	0.0836
20	64QAM	1	0	21.99	22.13	21.93	0.0675	0.0697	0.0665
20	256QAM	1	0	18.92	19.04	18.94	0.0333	0.0342	0.0334
Channel				42165	42590	43015	EIRP(W)		
Frequency (MHz)				3457.5	3500	3542.5	L	M	H
15	QPSK	1	0	23.13	23.12	23.06	0.0877	0.0875	0.0863
15	16QAM	1	0	22.99	22.98	22.78	0.0849	0.0847	0.0809
Channel				42140	42590	43040	EIRP(W)		
Frequency (MHz)				3455	3500	3545	L	M	H
10	QPSK	1	0	23.08	23.12	23.11	0.0867	0.0875	0.0873
10	16QAM	1	0	23.01	22.96	22.91	0.0853	0.0843	0.0834
Channel				42115	42590	43065	EIRP(W)		
Frequency (MHz)				3452.5	3500	3547.5	L	M	H
5	QPSK	1	0	23.11	23.12	23.04	0.0873	0.0875	0.0859
5	16QAM	1	0	22.97	23.10	22.88	0.0845	0.0871	0.0828

42C(3450-3550)_ANT5

FCC Limit(W): 30

Combination 20MHz+20MHz (100RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	23.20	0.0891
M	QPSK	1	Max	1	0	23.01	0.0853
H	QPSK	1	Max	1	0	23.09	0.0869
L	16QAM	1	Max	1	0	22.19	0.0706
M	16QAM	1	Max	1	0	23.18	0.0887
H	16QAM	1	Max	1	0	23.04	0.0859
L	64QAM	1	Max	1	0	22.04	0.0682
M	64QAM	1	Max	1	0	22.19	0.0706
H	64QAM	1	Max	1	0	22.11	0.0693
L	256QAM	1	Max	1	0	19.14	0.0350
M	256QAM	1	Max	1	0	19.03	0.0341
H	256QAM	1	Max	1	0	19.04	0.0342
Combination 20MHz+15MHz (100RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	23.08	0.0867
M	16QAM	1	Max	1	0	23.03	0.0857
Combination 15MHz+20MHz (100RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	23.01	0.0853
M	16QAM	1	Max	1	0	22.89	0.0830
Combination 20MHz+10MHz (100RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	23.14	0.0879
M	16QAM	1	Max	1	0	22.94	0.0839
Combination 10MHz+20MHz (50RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	23.02	0.0855
M	16QAM	1	Max	1	0	22.95	0.0841
Combination 20MHz+5MHz (100RB+25RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	23.09	0.0869
M	16QAM	1	Max	1	0	23.02	0.0855
Combination 5MHz+20MHz (25RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	23.14	0.0879
M	16QAM	1	Max	1	0	22.91	0.0834

Band 2_ANT6								IC Limit(W): FCC 110200		2 2
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)			
Channel				18700	18900	19100				
Frequency (MHz)				1860	1880	1900	L	M	H	
20	QPSK	1	0	18.95	19.24	19.07	0.0422	0.0451	0.0434	
20	QPSK	1	99	18.85	19.18	19.03	0.0412	0.0445	0.0430	
20	QPSK	100	0	18.86	19.10	18.83	0.0413	0.0437	0.0410	
20	16QAM	1	0	18.91	19.19	19.01	0.0418	0.0446	0.0428	
20	64QAM	1	0	18.88	19.16	19.07	0.0415	0.0443	0.0434	
20	256QAM	1	0	17.54	17.70	17.43	0.0305	0.0316	0.0297	
Channel				18675	18900	19125	EIRP(W)			
Frequency (MHz)				1857.5	1880	1902.5	L	M	H	
15	QPSK	1	0	18.93	19.10	18.93	0.0420	0.0437	0.0420	
15	16QAM	1	0	18.87	19.14	18.91	0.0414	0.0441	0.0418	
Channel				18650	18900	19150	EIRP(W)			
Frequency (MHz)				1855	1880	1905	L	M	H	
10	QPSK	1	0	18.90	19.20	18.94	0.0417	0.0447	0.0421	
10	16QAM	1	0	18.89	19.07	18.93	0.0416	0.0434	0.0420	
Channel				18625	18900	19175	EIRP(W)			
Frequency (MHz)				1852.5	1880	1907.5	L	M	H	
5	QPSK	1	0	18.86	19.17	18.89	0.0413	0.0444	0.0416	
5	16QAM	1	0	18.90	19.16	18.97	0.0417	0.0443	0.0424	
Channel				18615	18900	19185	EIRP(W)			
Frequency (MHz)				1851.5	1880	1908.5	L	M	H	
3	QPSK	1	0	18.92	19.21	19.00	0.0419	0.0448	0.0427	
3	16QAM	1	0	18.78	19.14	18.97	0.0406	0.0441	0.0424	
Channel				18607	18900	19193	EIRP(W)			
Frequency (MHz)				1850.7	1880	1909.3	L	M	H	
1.4	QPSK	1	0	18.93	19.22	18.95	0.0420	0.0449	0.0422	
1.4	16QAM	1	0	18.79	19.12	18.89	0.0406	0.0439	0.0416	

Band 4_ANT6							IC Limit(W): FCC 110200			1 1
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)			
Channel				20050	20175	20300				
Frequency (MHz)				1720	1732.5	1745	L	M	H	
20	QPSK	1	0	21.35	21.49	21.31	0.0684	0.0706	0.0678	
20	QPSK	1	99	20.92	21.14	20.87	0.0619	0.0652	0.0612	
20	QPSK	100	0	21.10	21.29	20.96	0.0646	0.0675	0.0625	
20	16QAM	1	0	21.12	21.40	21.17	0.0649	0.0692	0.0656	
20	64QAM	1	0	20.73	21.02	20.81	0.0593	0.0634	0.0604	
20	256QAM	1	0	17.66	17.85	17.69	0.0292	0.0305	0.0294	
Channel				20025	20175	20325	EIRP(W)			
Frequency (MHz)				1717.5	1732.5	1747.5	L	M	H	
15	QPSK	1	0	21.22	21.43	21.16	0.0664	0.0697	0.0655	
15	16QAM	1	0	21.04	21.37	21.10	0.0637	0.0687	0.0646	
Channel				20000	20175	20350	EIRP(W)			
Frequency (MHz)				1715	1732.5	1750	L	M	H	
10	QPSK	1	0	21.24	21.47	21.16	0.0667	0.0703	0.0655	
10	16QAM	1	0	21.02	21.36	21.16	0.0634	0.0685	0.0655	
Channel				19975	20175	20375	EIRP(W)			
Frequency (MHz)				1712.5	1732.5	1752.5	L	M	H	
5	QPSK	1	0	21.27	21.37	21.17	0.0671	0.0687	0.0656	
5	16QAM	1	0	20.99	21.25	21.08	0.0630	0.0668	0.0643	
Channel				19965	20175	20385	EIRP(W)			
Frequency (MHz)				1711.5	1732.5	1753.5	L	M	H	
3	QPSK	1	0	21.25	21.46	21.24	0.0668	0.0701	0.0667	
3	16QAM	1	0	21.09	21.32	21.14	0.0644	0.0679	0.0652	
Channel				19950	20175	20393	EIRP(W)			
Frequency (MHz)				1710	1732.5	1754.3	L	M	H	
1.4	QPSK	1	0	21.21	21.37	21.29	0.0662	0.0687	0.0675	
1.4	16QAM	1	0	21.02	21.28	21.09	0.0634	0.0673	0.0644	

Band 7_ANT6							IC Limit(W): FCC 14.0dBm			2
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)			
Channel				20850	20850	21350				
Frequency (MHz)				2510	2535	2560	L	M	H	
20	QPSK	1	0	20.57	20.88	20.68	0.0546	0.0586	0.0560	
20	QPSK	1	99	20.14	20.51	20.20	0.0494	0.0538	0.0501	
20	QPSK	100	0	20.23	20.59	20.34	0.0505	0.0548	0.0518	
20	16QAM	1	0	20.41	20.80	20.55	0.0526	0.0575	0.0543	
20	64QAM	1	0	19.54	19.95	19.67	0.0431	0.0473	0.0444	
20	256QAM	1	0	16.67	16.96	16.67	0.0222	0.0238	0.0222	
Channel				20825	21100	21375	EIRP(W)			
Frequency (MHz)				2507.5	2535	2562.5	L	M	H	
15	QPSK	1	0	20.44	20.84	20.56	0.0530	0.0581	0.0545	
15	16QAM	1	0	20.38	20.68	20.52	0.0522	0.0560	0.0540	
Channel				20800	21100	21400	EIRP(W)			
Frequency (MHz)				2505	2535	2565	L	M	H	
10	QPSK	1	0	20.52	20.77	20.60	0.0540	0.0571	0.0550	
10	16QAM	1	0	20.34	20.68	20.48	0.0518	0.0560	0.0535	
Channel				20775	21100	21425	EIRP(W)			
Frequency (MHz)				2502.5	2535	2567.5	L	M	H	
5	QPSK	1	0	20.46	20.73	20.64	0.0532	0.0566	0.0555	
5	16QAM	1	0	20.40	20.79	20.53	0.0525	0.0574	0.0541	

Band 25_ANT6							IC Limit(W):		2
							FCC		2
							Limit(W):		2
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				26140	26340	26590			
Frequency (MHz)				1860	1880	1905	L	M	H
20	QPSK	1	0	21.15	21.23	21.16	0.0700	0.0713	0.0701
20	QPSK	1	99	20.78	20.95	20.83	0.0643	0.0668	0.0650
20	QPSK	100	0	20.83	20.93	20.72	0.0650	0.0665	0.0634
20	16QAM	1	0	20.88	21.10	20.95	0.0658	0.0692	0.0668
20	64QAM	1	0	20.43	20.56	20.39	0.0593	0.0611	0.0587
20	256QAM	1	0	17.57	17.75	17.60	0.0307	0.0320	0.0309
Channel				26115	26340	26615	EIRP(W)		
Frequency (MHz)				1857.5	1880	1907.5	L	M	H
15	QPSK	1	0	21.13	21.08	21.05	0.0697	0.0689	0.0684
15	16QAM	1	0	20.83	20.96	20.82	0.0650	0.0670	0.0649
Channel				26090	26340	26640	EIRP(W)		
Frequency (MHz)				1855	1880	1910	L	M	H
10	QPSK	1	0	21.03	21.13	21.06	0.0681	0.0697	0.0685
10	16QAM	1	0	20.81	21.09	20.83	0.0647	0.0690	0.0650
Channel				26065	26340	26665	EIRP(W)		
Frequency (MHz)				1852.5	1880	1912.5	L	M	H
5	QPSK	1	0	21.05	21.20	21.05	0.0684	0.0708	0.0684
5	16QAM	1	0	20.79	20.95	20.89	0.0644	0.0668	0.0659
Channel				26055	26340	26675	EIRP(W)		
Frequency (MHz)				1851.5	1880	1913.5	L	M	H
3	QPSK	1	0	21.01	21.15	21.02	0.0678	0.0700	0.0679
3	16QAM	1	0	20.82	21.08	20.83	0.0649	0.0689	0.0650
Channel				26047	26340	26683	EIRP(W)		
Frequency (MHz)				1850.7	1880	1914.3	L	M	H
1.4	QPSK	1	0	21.11	21.14	21.14	0.0693	0.0698	0.0698
1.4	16QAM	1	0	20.78	20.98	20.87	0.0643	0.0673	0.0656

Band 66_ANT6								IC Limit(W):		1
								FCC		1
								Limit(W)		1
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)			
Channel				132072	132322	132572				
Frequency (MHz)				1720	1745	1770	L	M	H	
20	QPSK	1	0	21.42	21.57	21.37	0.0695	0.0719	0.0687	
20	QPSK	1	99	20.98	21.25	21.02	0.0628	0.0668	0.0634	
20	QPSK	100	0	21.06	21.34	21.05	0.0640	0.0682	0.0638	
20	16QAM	1	0	21.35	21.54	21.29	0.0684	0.0714	0.0675	
20	64QAM	1	0	20.32	20.57	20.26	0.0540	0.0571	0.0532	
20	256QAM	1	0	17.30	17.56	17.27	0.0269	0.0286	0.0267	
Channel				132047	132322	132597	EIRP(W)			
Frequency (MHz)				1717.5	1745	1772.5	L	M	H	
15	QPSK	1	0	21.12	21.30	21.00	0.0649	0.0676	0.0631	
15	16QAM	1	0	21.11	21.37	20.93	0.0647	0.0687	0.0621	
Channel				132022	132322	132622	EIRP(W)			
Frequency (MHz)				1715	1745	1775	L	M	H	
10	QPSK	1	0	21.12	21.31	20.99	0.0649	0.0678	0.0630	
10	16QAM	1	0	21.10	21.35	20.94	0.0646	0.0684	0.0622	
Channel				131997	132322	132647	EIRP(W)			
Frequency (MHz)				1712.5	1745	1777.5	L	M	H	
5	QPSK	1	0	21.07	21.28	20.97	0.0641	0.0673	0.0627	
5	16QAM	1	0	21.01	21.35	20.94	0.0632	0.0684	0.0622	
Channel				131987	132322	132657	EIRP(W)			
Frequency (MHz)				1711.5	1745	1778.5	L	M	H	
3	QPSK	1	0	21.12	21.25	20.92	0.0649	0.0668	0.0619	
3	16QAM	1	0	21.12	21.37	20.90	0.0649	0.0687	0.0617	
Channel				131979	132322	132665	EIRP(W)			
Frequency (MHz)				1710.7	1745	1779.3	L	M	H	
1.4	QPSK	1	0	21.06	21.26	21.03	0.0640	0.0670	0.0635	
1.4	16QAM	1	0	21.10	21.35	20.92	0.0646	0.0684	0.0619	

Band 38_ANT6							
				IC Limit(W)		2	
				FCC Limit(W)		2	
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	L M H
20	QPSK	1	0	20.96	21.05	20.83	0.0597 0.0610 0.0579
20	QPSK	1	99	20.59	20.77	20.50	0.0548 0.0571 0.0537
20	QPSK	100	0	20.73	20.83	20.51	0.0566 0.0579 0.0538
20	16QAM	1	0	20.78	20.91	20.59	0.0573 0.0590 0.0548
20	64QAM	1	0	20.13	20.37	20.08	0.0493 0.0521 0.0488
20	256QAM	1	0	17.20	17.33	17.12	0.0251 0.0259 0.0247
Channel				37825	38000	38175	EIRP(W)
Frequency (MHz)				2577.5	2595	2612.5	L M H
15	QPSK	1	0	20.94	20.91	20.76	0.0594 0.0590 0.0570
15	16QAM	1	0	20.71	20.78	20.50	0.0564 0.0573 0.0537
Channel				37800	38000	38200	EIRP(W)
Frequency (MHz)				2575	2595	2615	L M H
10	QPSK	1	0	20.89	20.91	20.81	0.0587 0.0590 0.0577
10	16QAM	1	0	20.74	20.82	20.55	0.0568 0.0578 0.0543
Channel				37775	38000	38225	EIRP(W)
Frequency (MHz)				2572.5	2595	2617.5	L M H
5	QPSK	1	0	20.85	20.93	20.81	0.0582 0.0593 0.0577
5	16QAM	1	0	20.70	20.81	20.51	0.0562 0.0577 0.0538

Band 41(Full Band)_ANT6							
				Power Low Ch. / Freq.		Power Middle Ch. / Freq.	
				Power High Ch. / Freq.		EIRP(W)	
BW [MHz]	Modulation	RB Size	RB Offset	39750	40620	41490	
Channel				2506	2593	2680	L M H
Frequency (MHz)				23.45	23.88	23.85	0.1059 0.1169 0.1161
20	QPSK	1	0	23.45	23.88	23.85	0.1059 0.1169 0.1161
20	QPSK	1	99	23.14	23.70	23.63	0.0986 0.1122 0.1104
20	QPSK	100	0	23.00	23.41	23.35	0.0955 0.1050 0.1035
20	16QAM	1	0	23.24	23.70	23.57	0.1009 0.1122 0.1089
20	64QAM	1	0	22.44	22.87	22.75	0.0839 0.0927 0.0902
20	256QAM	1	0	19.24	19.71	19.58	0.0402 0.0448 0.0435
Channel				39725	40620	41515	EIRP(W)
Frequency (MHz)				2503.5	2593	2682.5	L M H
15	QPSK	1	0	23.39	23.81	23.71	0.1045 0.1151 0.1125
15	16QAM	1	0	23.23	23.67	23.44	0.1007 0.1114 0.1057
Channel				39700	40620	41540	EIRP(W)
Frequency (MHz)				2501	2593	2685	L M H
10	QPSK	1	0	23.44	23.86	23.71	0.1057 0.1164 0.1125
10	16QAM	1	0	23.20	23.69	23.49	0.1000 0.1119 0.1069
Channel				39675	40620	41565	EIRP(W)
Frequency (MHz)				2498.5	2593	2687.5	L M H
5	QPSK	1	0	23.41	23.78	23.84	0.1050 0.1143 0.1159
5	16QAM	1	0	23.20	23.69	23.56	0.1000 0.1119 0.1086

2C_ANT6						IC Limit(W):	2
						FCC Limit(W):	2
Combination 20MHz+20MHz (100RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	19.21	0.0448
M	QPSK	1	Max	1	0	19.01	0.0428
H	QPSK	1	Max	1	0	18.96	0.0423
L	16QAM	1	Max	1	0	19.18	0.0445
M	16QAM	1	Max	1	0	18.95	0.0422
H	16QAM	1	Max	1	0	18.97	0.0424
L	64QAM	1	Max	1	0	19.01	0.0428
M	64QAM	1	Max	1	0	19.03	0.0430
H	64QAM	1	Max	1	0	19.08	0.0435
L	256QAM	1	Max	1	0	17.25	0.0285
M	256QAM	1	Max	1	0	17.21	0.0282
H	256QAM	1	Max	1	0	17.23	0.0284
Combination 20MHz+15MHz (100RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	18.94	0.0421
L	16QAM	1	Max	1	0	19.06	0.0433
Combination 15MHz+20MHz (75RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	19.01	0.0428
L	16QAM	1	Max	1	0	18.94	0.0421
Combination 15MHz+15MHz (75RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	19.00	0.0427
L	16QAM	1	Max	1	0	19.08	0.0435
Combination 20MHz+10MHz (100RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	18.98	0.0425
L	16QAM	1	Max	1	0	18.95	0.0422
Combination 10MHz+20MHz (50RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	19.07	0.0434
L	16QAM	1	Max	1	0	18.98	0.0425
Combination 15MHz+10MHz (75RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	19.01	0.0428
L	16QAM	1	Max	1	0	19.02	0.0429
Combination 10MHz+15MHz (50RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	19.08	0.0435
L	16QAM	1	Max	1	0	19.00	0.0427
Combination 20MHz+5MHz (100RB+25RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	19.04	0.0431
L	16QAM	1	Max	1	0	19.05	0.0432
Combination 5MHz+20MHz (25RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	19.04	0.0431
L	16QAM	1	Max	1	0	18.97	0.0424

7C_ANT6							
Combination 20MHz+20MHz (100RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	20.76	0.0570
M	QPSK	1	Max	1	0	20.64	0.0555
H	QPSK	1	Max	1	0	20.75	0.0569
L	16QAM	1	Max	1	0	20.74	0.0568
M	16QAM	1	Max	1	0	20.72	0.0565
H	16QAM	1	Max	1	0	20.65	0.0556
L	64QAM	1	Max	1	0	19.67	0.0444
M	64QAM	1	Max	1	0	19.75	0.0452
H	64QAM	1	Max	1	0	19.71	0.0448
L	256QAM	1	Max	1	0	16.72	0.0225
M	256QAM	1	Max	1	0	16.67	0.0222
H	256QAM	1	Max	1	0	16.71	0.0224
Combination 20MHz+15MHz (100RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	20.66	0.0557
L	16QAM	1	Max	1	0	20.69	0.0561
Combination 15MHz+20MHz (75RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	20.64	0.0555
L	16QAM	1	Max	1	0	20.64	0.0555
Combination 15MHz+15MHz (75RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	20.66	0.0557
L	16QAM	1	Max	1	0	20.71	0.0564
Combination 20MHz+10MHz (100RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	20.70	0.0562
L	16QAM	1	Max	1	0	20.63	0.0553
Combination 10MHz+20MHz (50RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	20.73	0.0566
L	16QAM	1	Max	1	0	20.67	0.0558
Combination 15MHz+10MHz (75RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	20.75	0.0569
L	16QAM	1	Max	1	0	20.73	0.0566

41C FCC_ANT6							
FCC Limit(W)						2	
Combination 20MHz+20MHz (100RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	23.12	0.0982
M	QPSK	1	Max	1	0	23.29	0.1021
H	QPSK	1	Max	1	0	23.69	0.1119
L	16QAM	1	Max	1	0	22.14	0.0783
M	16QAM	1	Max	1	0	22.47	0.0845
H	16QAM	1	Max	1	0	22.81	0.0914
L	64QAM	1	Max	1	0	21.05	0.0610
M	64QAM	1	Max	1	0	20.66	0.0557
H	64QAM	1	Max	1	0	21.65	0.0700
L	256QAM	1	Max	1	0	19.62	0.0439
M	256QAM	1	Max	1	0	20.01	0.0480
H	256QAM	1	Max	1	0	20.24	0.0506
Combination 20MHz+15MHz (100RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H	QPSK	1	Max	1	0	23.68	0.1117
H	16QAM	1	Max	1	0	22.70	0.0891
Combination 15MHz+20MHz (75RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H	QPSK	1	Max	1	0	23.68	0.1117
H	16QAM	1	Max	1	0	22.68	0.0887
Combination 15MHz+15MHz (75RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H	QPSK	1	Max	1	0	23.55	0.1084
H	16QAM	1	Max	1	0	22.63	0.0877
Combination 20MHz+10MHz (100RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H	QPSK	1	Max	1	0	23.64	0.1107
H	16QAM	1	Max	1	0	22.85	0.0923
Combination 10MHz+20MHz (50RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H	QPSK	1	Max	1	0	23.61	0.1099
H	16QAM	1	Max	1	0	22.55	0.0861
Combination 15MHz+10MHz (75RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H	QPSK	1	Max	1	0	23.62	0.1102
H	16QAM	1	Max	1	0	22.81	0.0914
Combination 10MHz+15MHz (50RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H	QPSK	1	Max	1	0	23.53	0.1079
H	16QAM	1	Max	1	0	22.89	0.0931
Combination 20MHz+5MHz (100RB+25RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H	QPSK	1	Max	1	0	23.62	0.1102
H	16QAM	1	Max	1	0	22.67	0.0885
Combination 5MHz+20MHz (25RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H	QPSK	1	Max	1	0	23.47	0.1064
H	16QAM	1	Max	1	0	22.52	0.0855

66C_ANT6						IC Limit(W):	1
						FCC Limit(W):	1
Combination 20MHz+20MHz (100RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	21.49	0.0706
M	QPSK	1	Max	1	0	21.40	0.0692
H	QPSK	1	Max	1	0	21.37	0.0687
L	16QAM	1	Max	1	0	21.46	0.0701
M	16QAM	1	Max	1	0	21.36	0.0685
H	16QAM	1	Max	1	0	21.38	0.0689
L	64QAM	1	Max	1	0	20.42	0.0552
M	64QAM	1	Max	1	0	20.41	0.0551
H	64QAM	1	Max	1	0	20.35	0.0543
L	256QAM	1	Max	1	0	17.46	0.0279
M	256QAM	1	Max	1	0	17.39	0.0275
H	256QAM	1	Max	1	0	17.36	0.0273
Combination 20MHz+15MHz (100RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	21.38	0.0689
L	16QAM	1	Max	1	0	21.27	0.0671
Combination 15MHz+20MHz (75RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	21.30	0.0676
L	16QAM	1	Max	1	0	21.32	0.0679
Combination 15MHz+15MHz (75RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	21.30	0.0676
L	16QAM	1	Max	1	0	21.21	0.0662
Combination 20MHz+10MHz (100RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	21.36	0.0685
L	16QAM	1	Max	1	0	21.23	0.0665
Combination 10MHz+20MHz (50RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	21.34	0.0682
L	16QAM	1	Max	1	0	21.18	0.0658
Combination 15MHz+10MHz (75RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	21.38	0.0689
L	16QAM	1	Max	1	0	21.23	0.0665
Combination 10MHz+15MHz (50RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	21.42	0.0695
L	16QAM	1	Max	1	0	21.28	0.0673
Combination 20MHz+5MHz (100RB+25RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	21.39	0.0690
L	16QAM	1	Max	1	0	21.32	0.0679
Combination 5MHz+20MHz (25RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	21.33	0.0681
L	16QAM	1	Max	1	0	21.26	0.0670

Band 42(3450-3550)_ANT7

FCC Limit(W): 30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540	L	M	H
20	QPSK	1	0	23.56	23.52	23.58	0.1803	0.1786	0.1811
20	QPSK	1	99	23.26	23.46	23.28	0.1683	0.1762	0.1690
20	QPSK	100	0	23.32	23.48	23.34	0.1706	0.1770	0.1714
20	16QAM	1	0	23.31	23.42	23.23	0.1702	0.1746	0.1671
20	64QAM	1	0	22.32	22.45	22.33	0.1355	0.1396	0.1358
20	256QAM	1	0	19.02	19.15	19.02	0.0634	0.0653	0.0634
Channel				42165	42590	43015	EIRP(W)		
Frequency (MHz)				3457.5	3500	3542.5	L	M	H
15	QPSK	1	0	23.42	23.55	23.54	0.1746	0.1799	0.1795
15	16QAM	1	0	23.26	23.28	23.17	0.1683	0.1690	0.1648
Channel				42140	42590	43040	EIRP(W)		
Frequency (MHz)				3455	3500	3545	L	M	H
10	QPSK	1	0	23.42	23.51	23.54	0.1746	0.1782	0.1795
10	16QAM	1	0	23.18	23.31	23.16	0.1652	0.1702	0.1644
Channel				42115	42590	43065	EIRP(W)		
Frequency (MHz)				3452.5	3500	3547.5	L	M	H
5	QPSK	1	0	23.48	23.53	23.55	0.1770	0.1791	0.1799
5	16QAM	1	0	23.24	23.34	23.13	0.1675	0.1714	0.1633

42C(3450-3550)_ANT7

FCC Limit(W): 30

Combination 20MHz+20MHz (100RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	22.62	0.1452
M	QPSK	1	Max	1	0	23.42	0.1746
H	QPSK	1	Max	1	0	23.61	0.1824
L	16QAM	1	Max	1	0	22.58	0.1439
M	16QAM	1	Max	1	0	23.57	0.1807
H	16QAM	1	Max	1	0	23.44	0.1754
L	64QAM	1	Max	1	0	22.48	0.1406
M	64QAM	1	Max	1	0	22.54	0.1426
H	64QAM	1	Max	1	0	22.49	0.1409
L	256QAM	1	Max	1	0	19.44	0.0698
M	256QAM	1	Max	1	0	19.55	0.0716
H	256QAM	1	Max	1	0	19.46	0.0701
Combination 20MHz+15MHz (100RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H	QPSK	1	Max	1	0	23.58	0.1811
M	16QAM	1	Max	1	0	23.33	0.1710
Combination 15MHz+20MHz (100RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H	QPSK	1	Max	1	0	23.58	0.1811
M	16QAM	1	Max	1	0	23.36	0.1722
Combination 20MHz+10MHz (100RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H	QPSK	1	Max	1	0	23.58	0.1811
M	16QAM	1	Max	1	0	23.42	0.1746
Combination 10MHz+20MHz (50RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H	QPSK	1	Max	1	0	23.52	0.1786
M	16QAM	1	Max	1	0	23.39	0.1734
Combination 20MHz+5MHz (100RB+25RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H	QPSK	1	Max	1	0	23.52	0.1786
M	16QAM	1	Max	1	0	23.39	0.1734
Combination 5MHz+20MHz (25RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H	QPSK	1	Max	1	0	23.48	0.1770
M	16QAM	1	Max	1	0	23.41	0.1742

38C_ANT1

IC Limit(W): 2

FCC Limit(W): 2

Combination 20MHz+20MHz (100RB+100RB)

Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	23.23	0.1327
M	QPSK	1	Max	1	0	23.28	0.1343
H	QPSK	1	Max	1	0	23.31	0.1352
L	16QAM	1	Max	1	0	23.34	0.1361
M	16QAM	1	Max	1	0	23.16	0.1306
H	16QAM	1	Max	1	0	23.38	0.1374
L	64QAM	1	Max	1	0	22.58	0.1143
M	64QAM	1	Max	1	0	22.54	0.1132
H	64QAM	1	Max	1	0	22.21	0.1050
L	256QAM	1	Max	1	0	18.34	0.0431
M	256QAM	1	Max	1	0	18.98	0.0499
H	256QAM	1	Max	1	0	19.17	0.0521

Combination 15MHz+15MHz (75RB+75RB)

Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H	QPSK	1	Max	1	0	23.40	0.1380
H	16QAM	1	Max	1	0	23.32	0.1355

38C_ANT2							
						IC Limit(W):	2
						FCC Limit(W):	2
Combination 20MHz+20MHz (100RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	23.25	0.1567
M	QPSK	1	Max	1	0	23.31	0.1589
H	QPSK	1	Max	1	0	23.16	0.1535
L	16QAM	1	Max	1	0	23.35	0.1603
M	16QAM	1	Max	1	0	23.26	0.1570
H	16QAM	1	Max	1	0	23.28	0.1578
L	64QAM	1	Max	1	0	22.35	0.1274
M	64QAM	1	Max	1	0	22.13	0.1210
H	64QAM	1	Max	1	0	22.19	0.1227
L	256QAM	1	Max	1	0	19.45	0.0653
M	256QAM	1	Max	1	0	18.91	0.0577
H	256QAM	1	Max	1	0	19.08	0.0600
Combination 15MHz+15MHz (75RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H	QPSK	1	Max	1	0	23.24	0.1563
H	16QAM	1	Max	1	0	23.19	0.1545

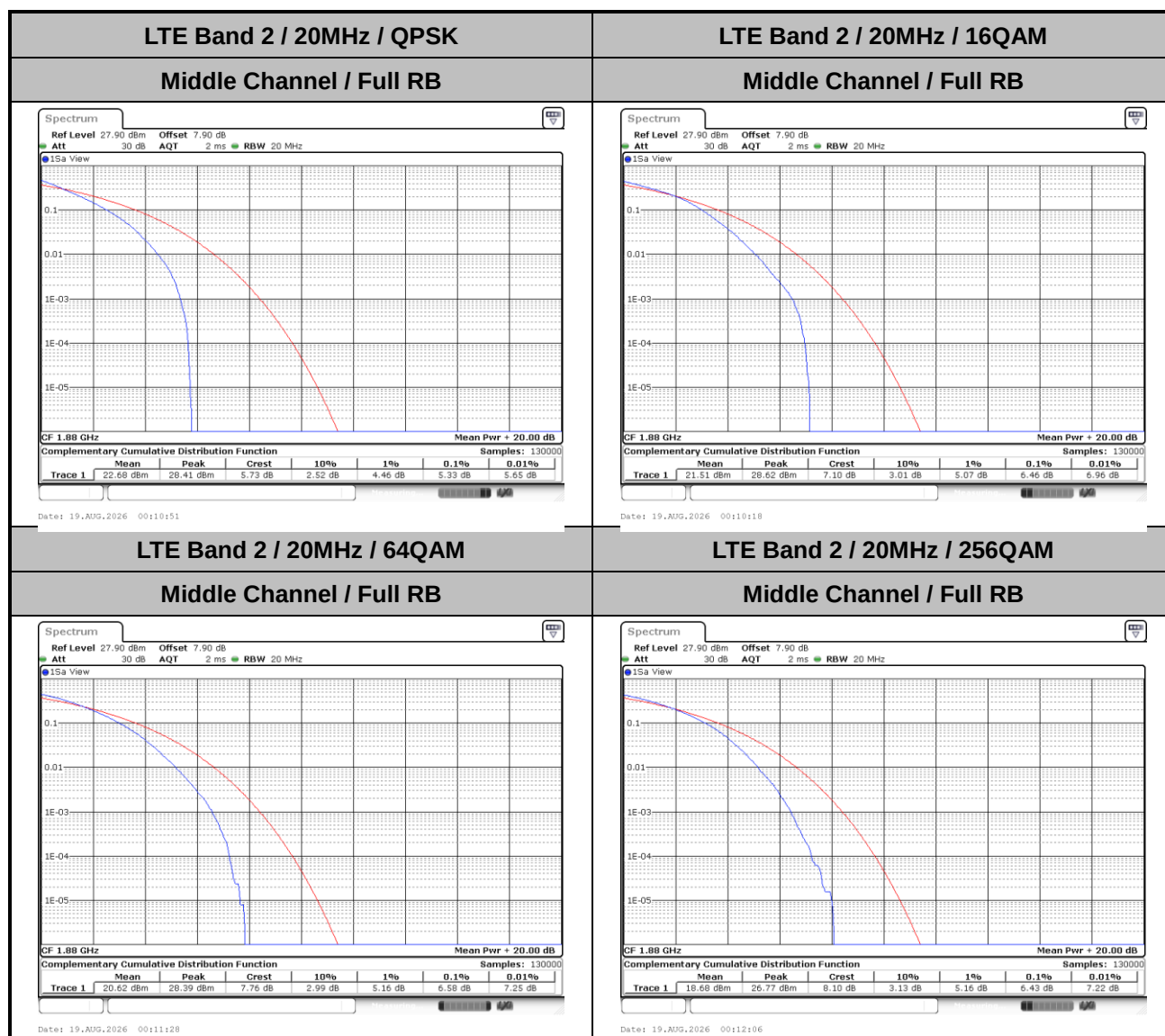
38C_ANT6							
						IC Limit(W):	2
						FCC Limit(W):	2
Combination 20MHz+20MHz (100RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	23.37	0.1040
M	QPSK	1	Max	1	0	23.27	0.1016
H	QPSK	1	Max	1	0	23.21	0.1002
L	16QAM	1	Max	1	0	21.99	0.0757
M	16QAM	1	Max	1	0	22.36	0.0824
H	16QAM	1	Max	1	0	22.66	0.0883
L	64QAM	1	Max	1	0	20.91	0.0590
M	64QAM	1	Max	1	0	20.46	0.0532
H	64QAM	1	Max	1	0	21.43	0.0665
L	256QAM	1	Max	1	0	19.46	0.0423
M	256QAM	1	Max	1	0	20.01	0.0480
H	256QAM	1	Max	1	0	19.24	0.0402
Combination 15MHz+15MHz (75RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H	QPSK	1	Max	1	0	23.20	0.1000
H	16QAM	1	Max	1	0	22.09	0.0774



LTE Band 2

Peak-to-Average Ratio

Mode	LTE Band 2 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.33	6.46	6.58	6.43	PASS





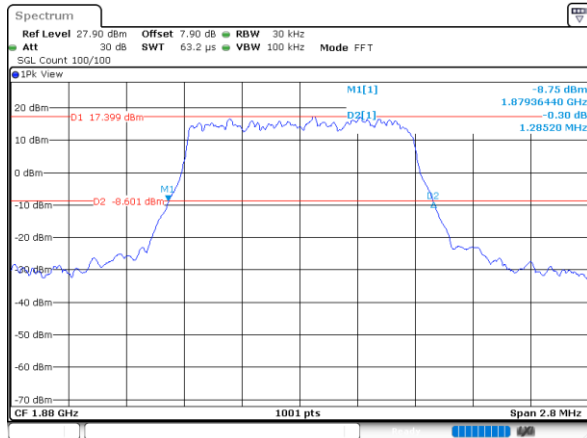
26dB Bandwidth

Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.28	1.32	3.12	3.09	5.03	4.88	10.06	9.78	14.16	14.55	18.92	19.04



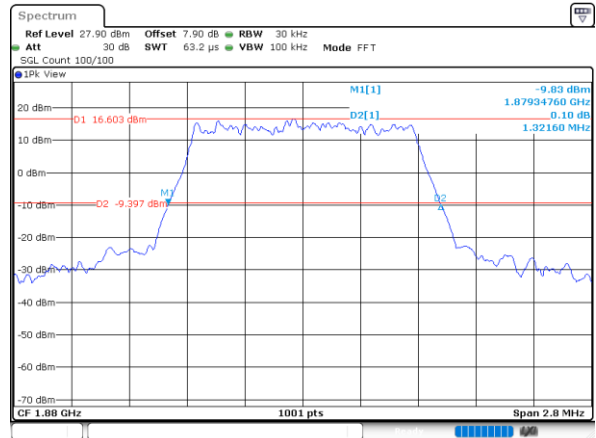
LTE Band 2

Middle Channel / 1.4MHz / QPSK



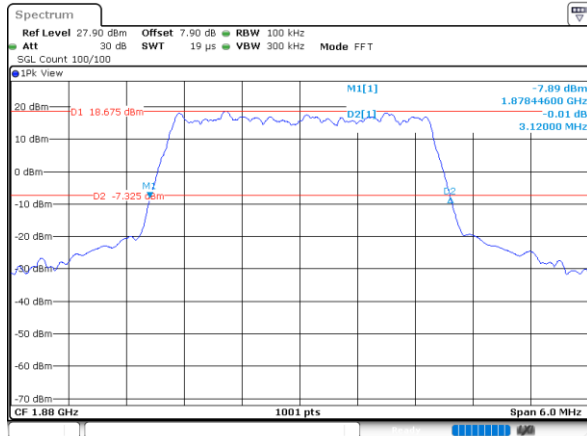
Date: 19.AUG.2026 00:20:10

Middle Channel / 1.4MHz / 16QAM



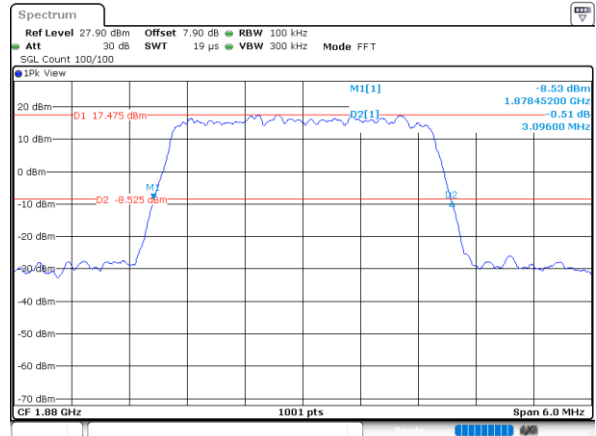
Date: 19.AUG.2026 00:20:47

Middle Channel / 3MHz / QPSK



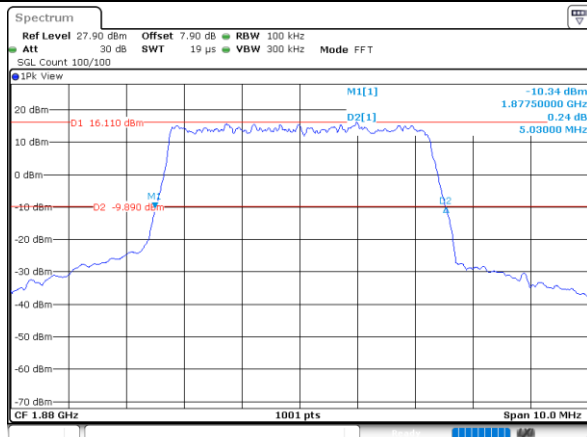
Date: 19.AUG.2026 14:25:41

Middle Channel / 3MHz / 16QAM



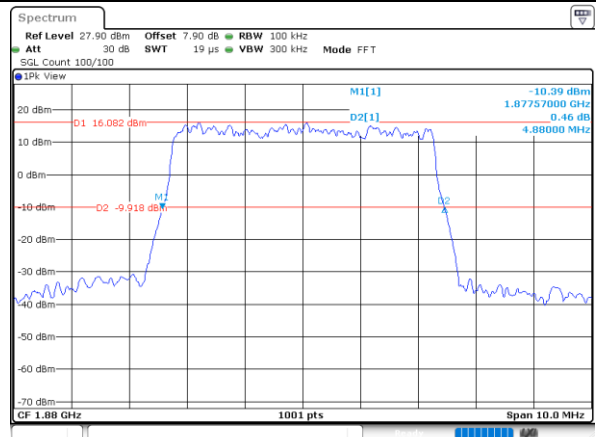
Date: 19.AUG.2026 14:26:19

Middle Channel / 5MHz / QPSK



Date: 19.AUG.2026 14:26:55

Middle Channel / 5MHz / 16QAM

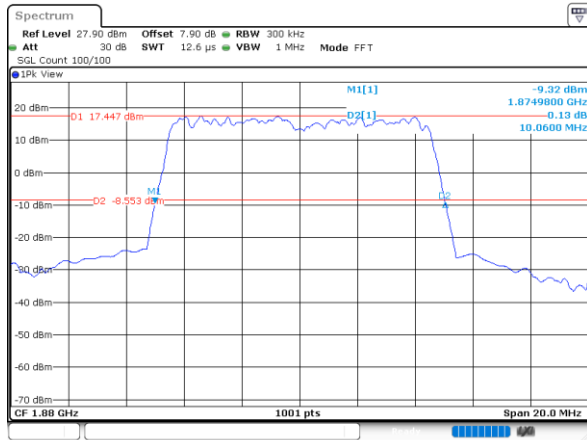


Date: 19.AUG.2026 14:27:27

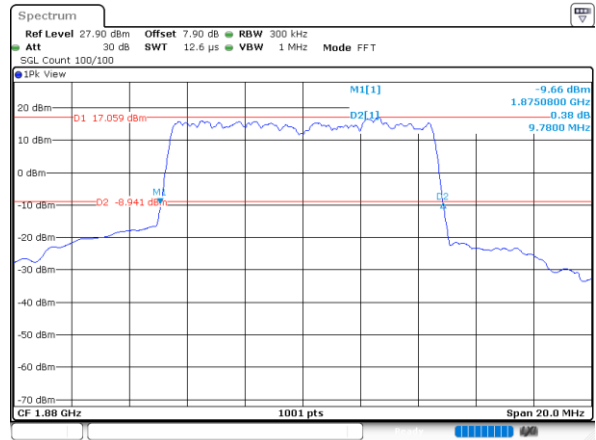


LTE Band 2

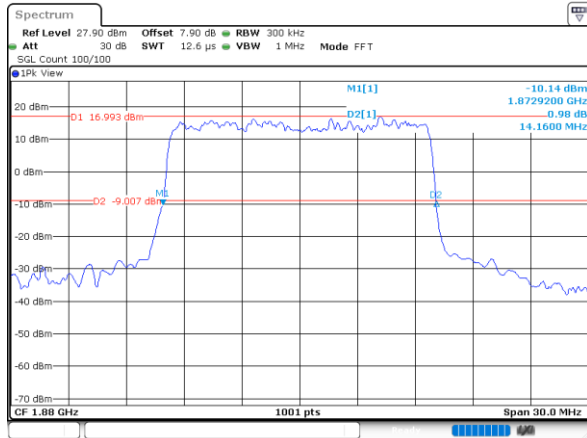
Middle Channel / 10MHz / QPSK



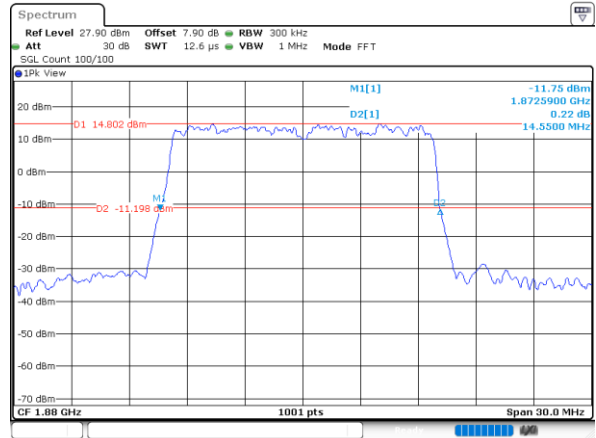
Middle Channel / 10MHz / 16QAM



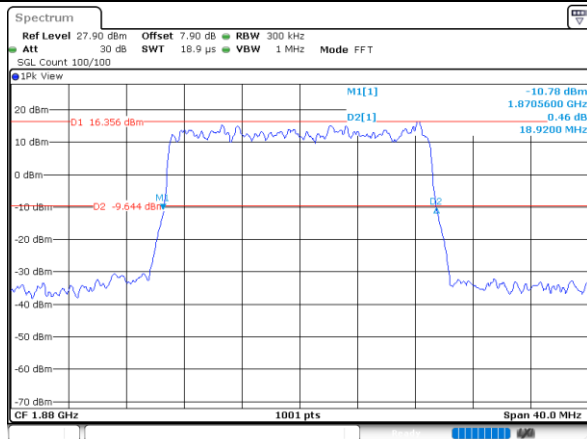
Middle Channel / 15MHz / QPSK



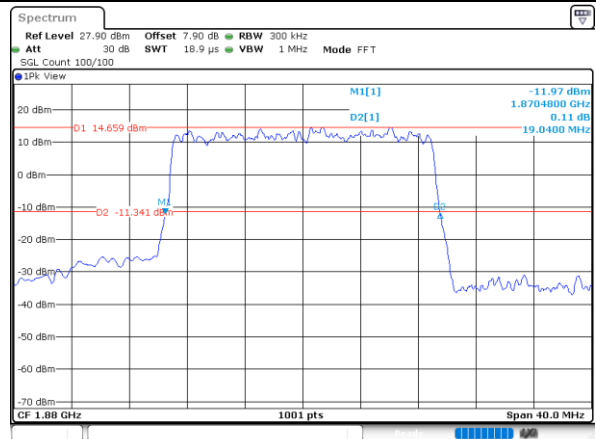
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM





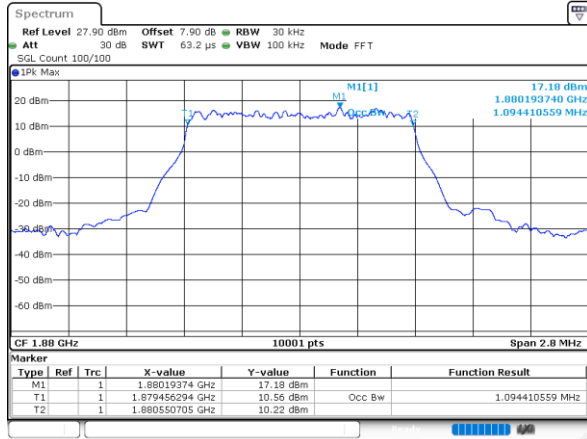
Occupied Bandwidth

Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.08	2.71	2.73	4.49	4.47	9.06	8.97	13.43	13.43	17.81	17.93

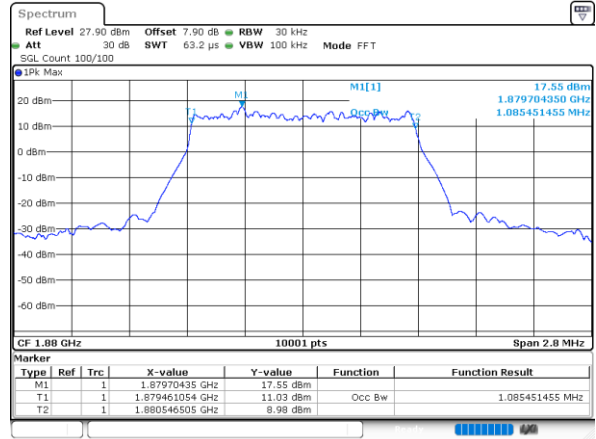


LTE Band 2

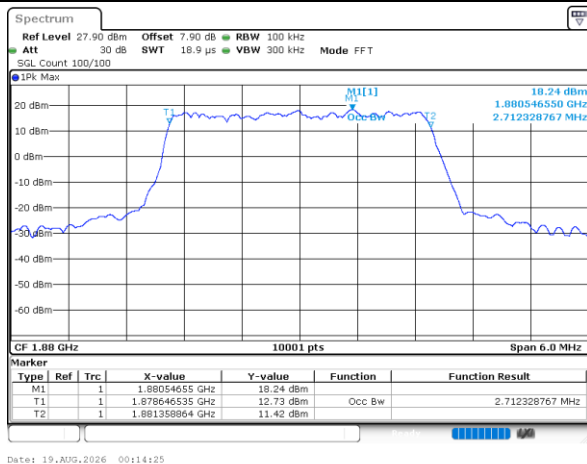
Middle Channel / 1.4MHz / QPSK



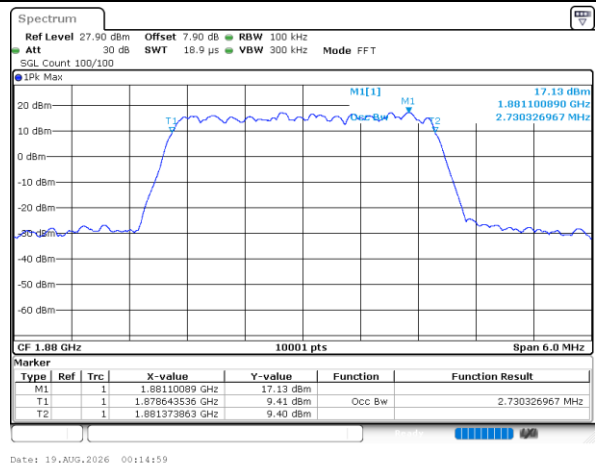
Middle Channel / 1.4MHz / 16QAM



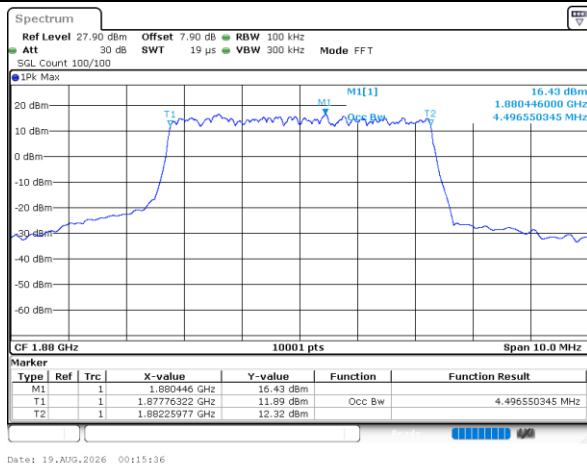
Middle Channel / 3MHz / QPSK



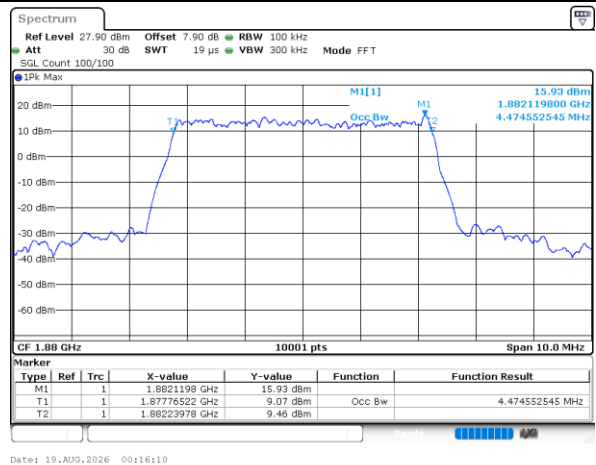
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



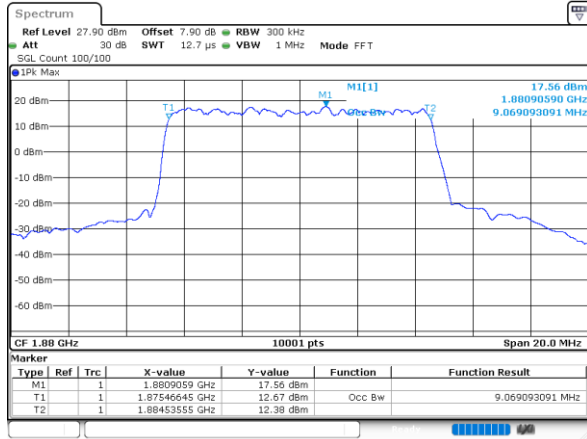
Middle Channel / 5MHz / 16QAM





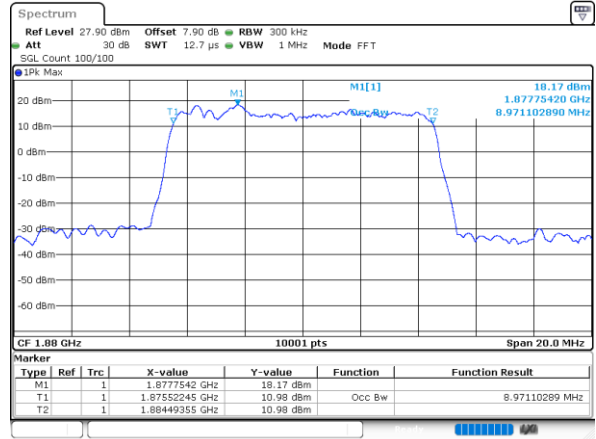
LTE Band 2

Middle Channel / 10MHz / QPSK



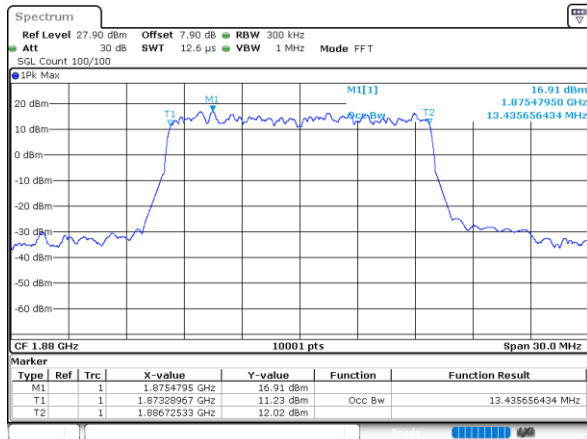
Date: 19.AUG.2026 00:16:47

Middle Channel / 10MHz / 16QAM



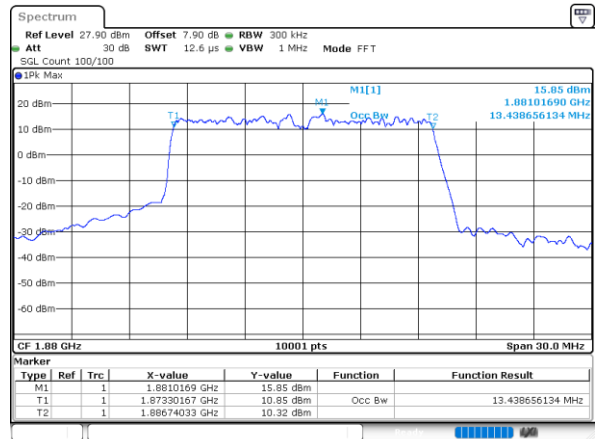
Date: 19.AUG.2026 00:17:21

Middle Channel / 15MHz / QPSK



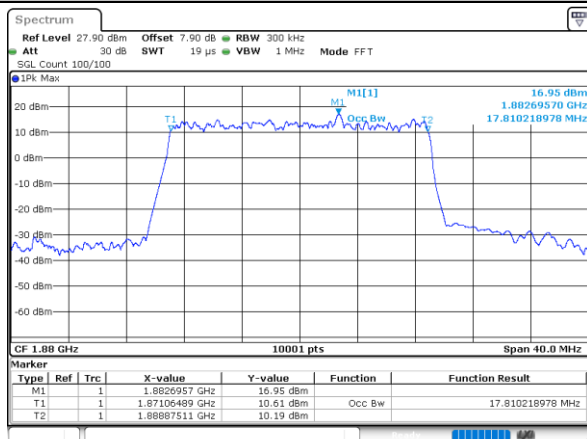
Date: 19.AUG.2026 00:17:55

Middle Channel / 15MHz / 16QAM



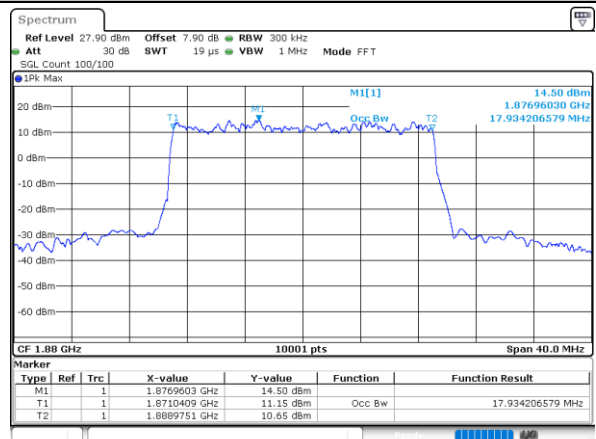
Date: 19.AUG.2026 00:18:28

Middle Channel / 20MHz / QPSK



Date: 19.AUG.2026 00:19:02

Middle Channel / 20MHz / 16QAM



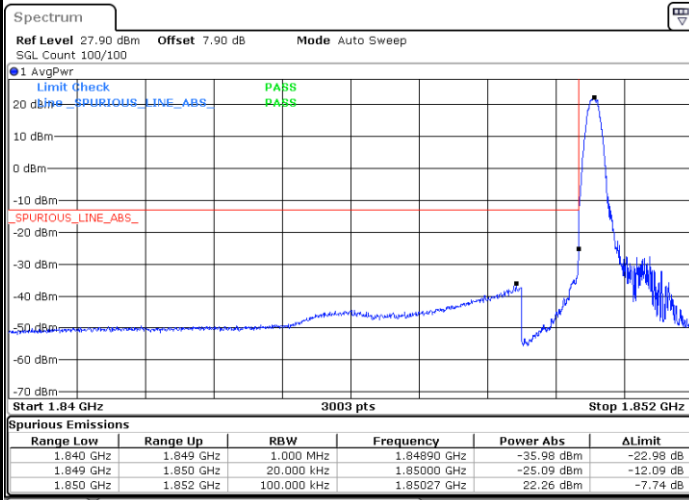
Date: 19.AUG.2026 00:19:35



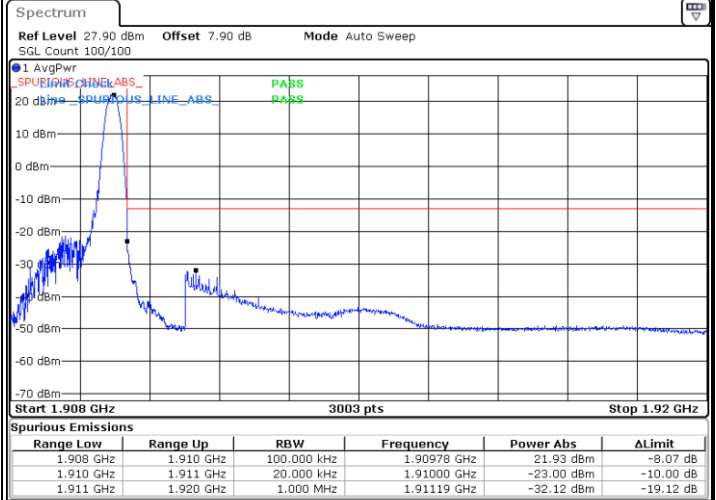
Conducted Band Edge

LTE Band 2 / 1.4MHz / QPSK

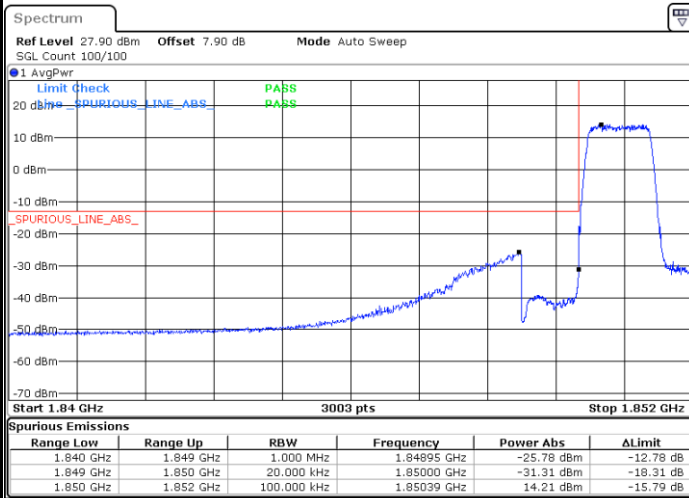
Lowest Band Edge / 1RB



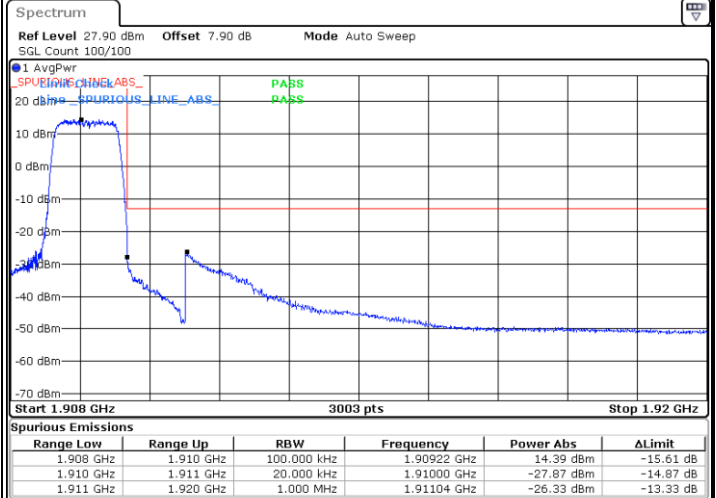
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



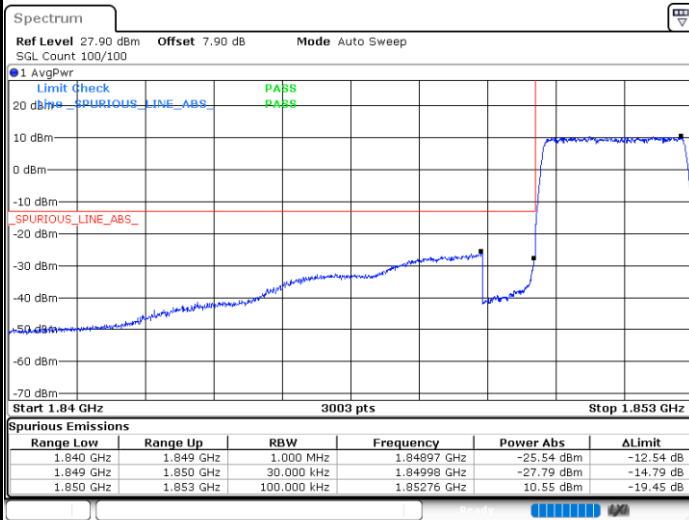
Highest Band Edge / Full RB



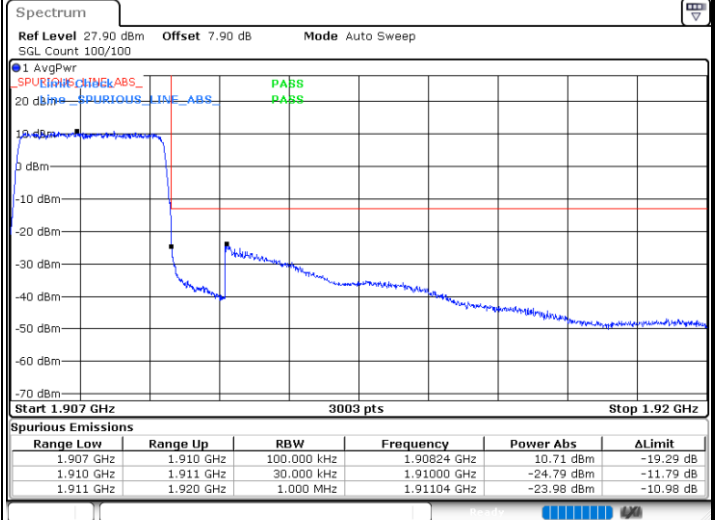


LTE Band 2 / 3MHz / QPSK

Lowest Band Edge / Full RB

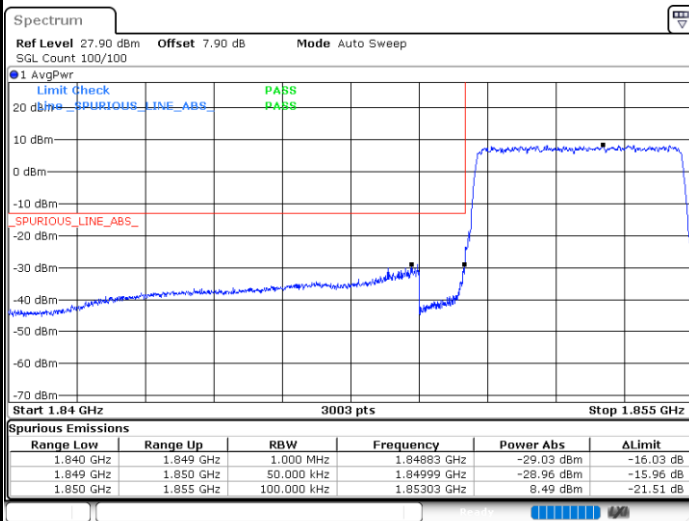


Highest Band Edge / Full RB

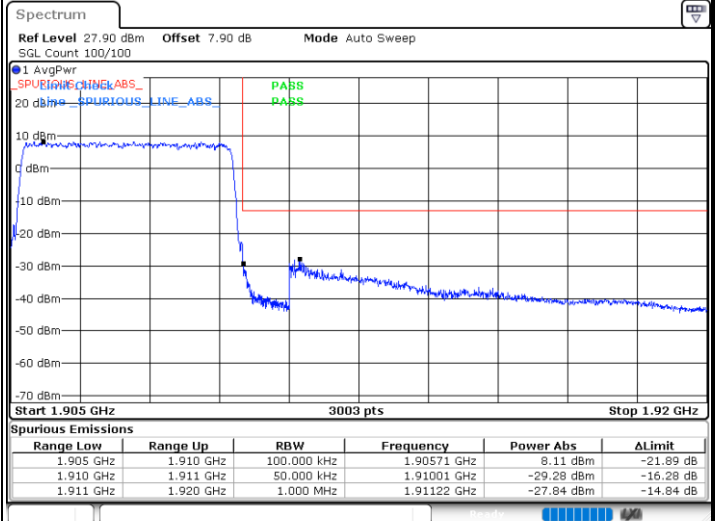


LTE Band 2 / 5MHz / QPSK

Lowest Band Edge / Full RB



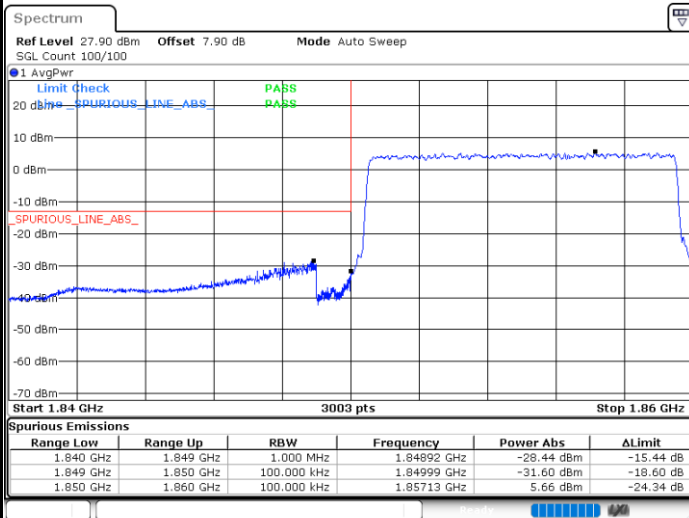
Highest Band Edge / Full RB



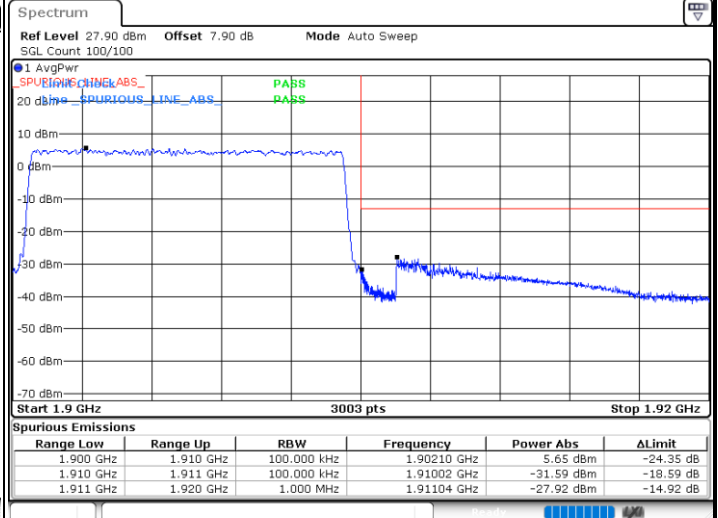


LTE Band 2 / 10MHz / QPSK

Lowest Band Edge / Full RB

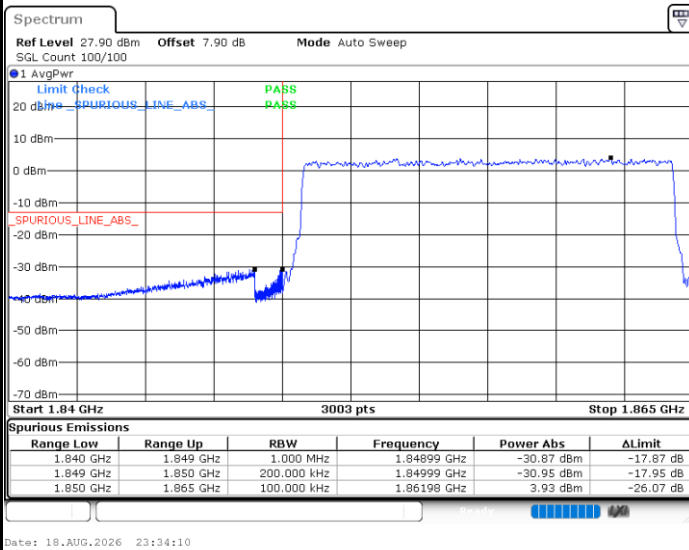


Highest Band Edge / Full RB

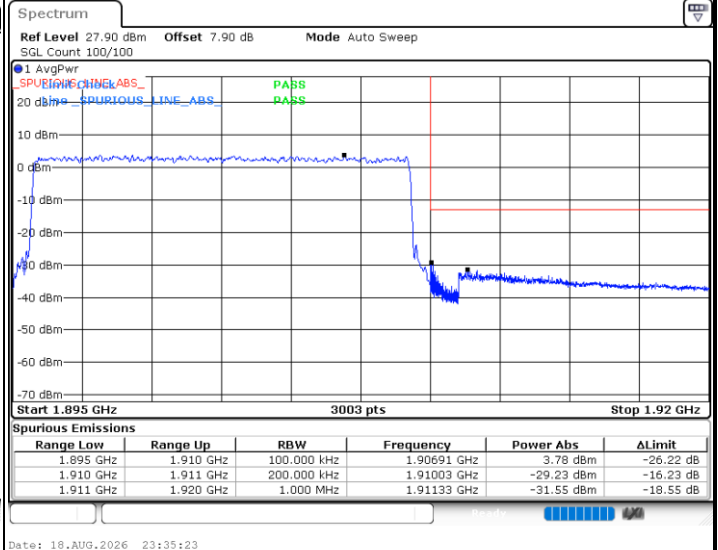


LTE Band 2 / 15MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

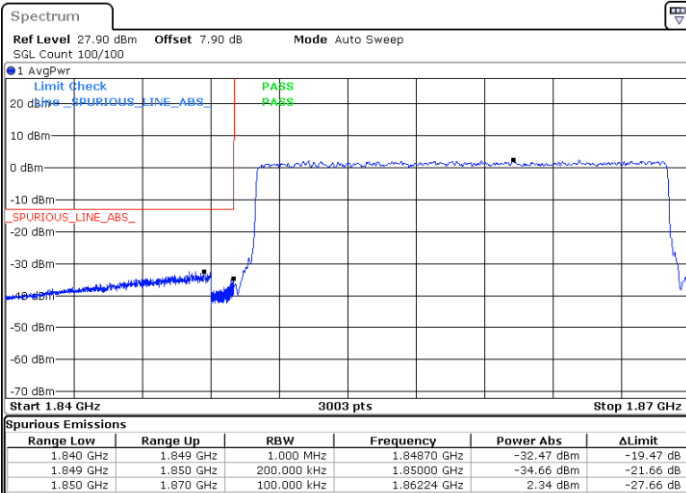




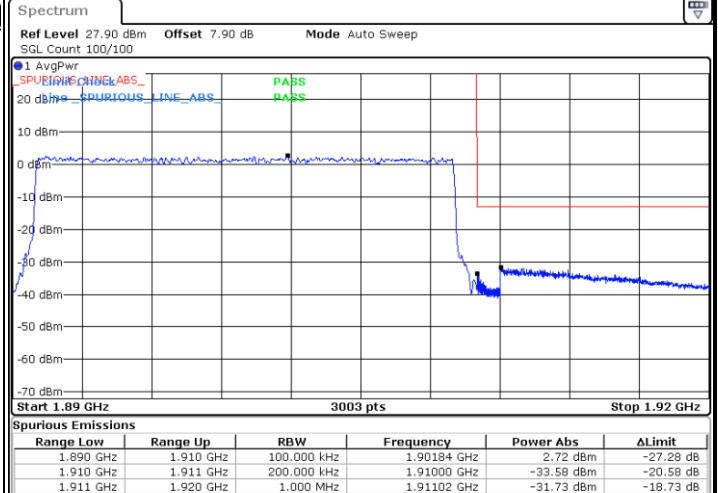
LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.AUG.2026 23:36:35



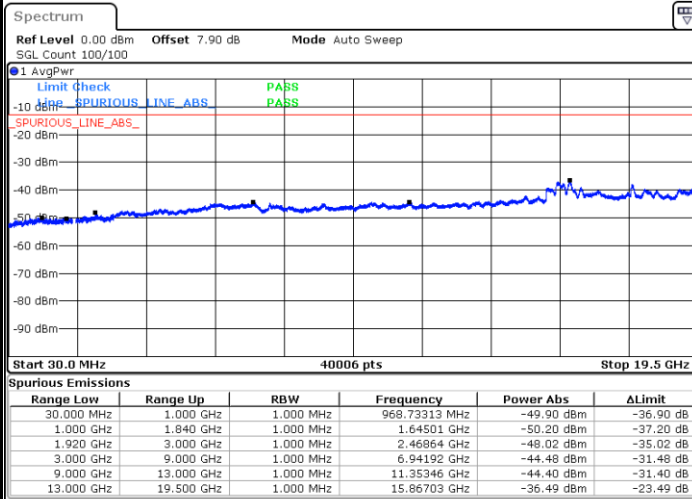
Date: 18.AUG.2026 23:37:47



Conducted Spurious Emission

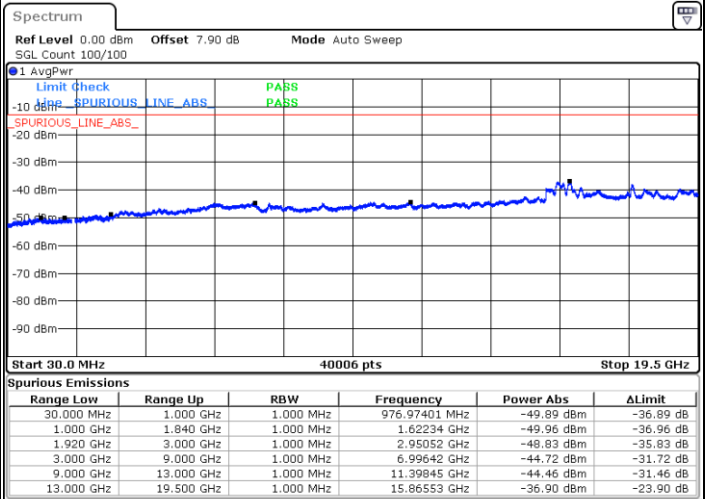
LTE Band 2 / 1.4MHz

Lowest Channel / QPSK



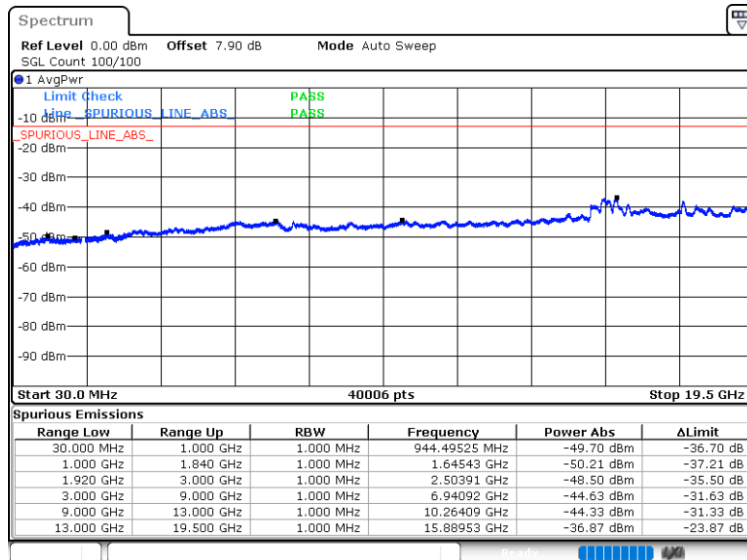
Date: 18.AUG.2026 23:41:58

Middle Channel / QPSK



Date: 18.AUG.2026 23:43:33

Highest Channel / QPSK

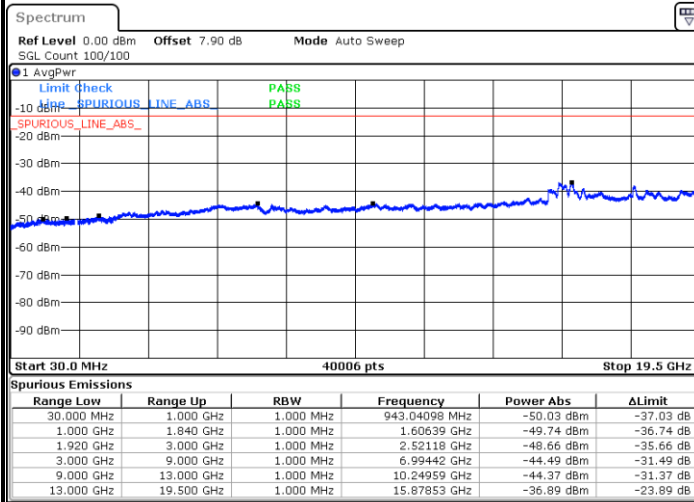


Date: 18.AUG.2026 23:45:14



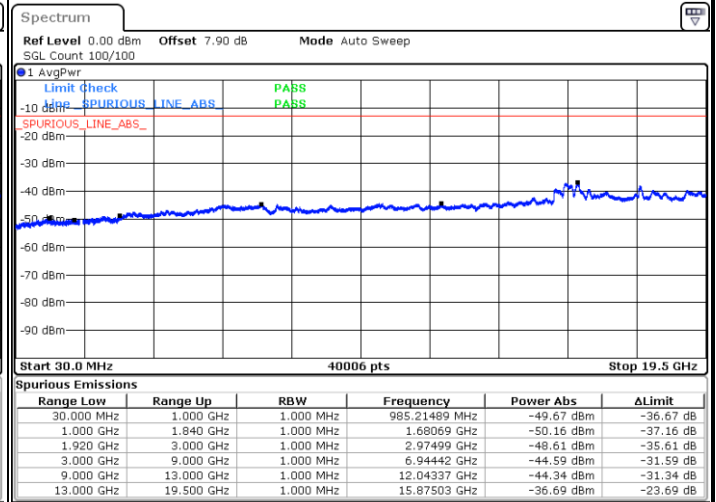
LTE Band 2 / 3MHz

Lowest Channel / QPSK



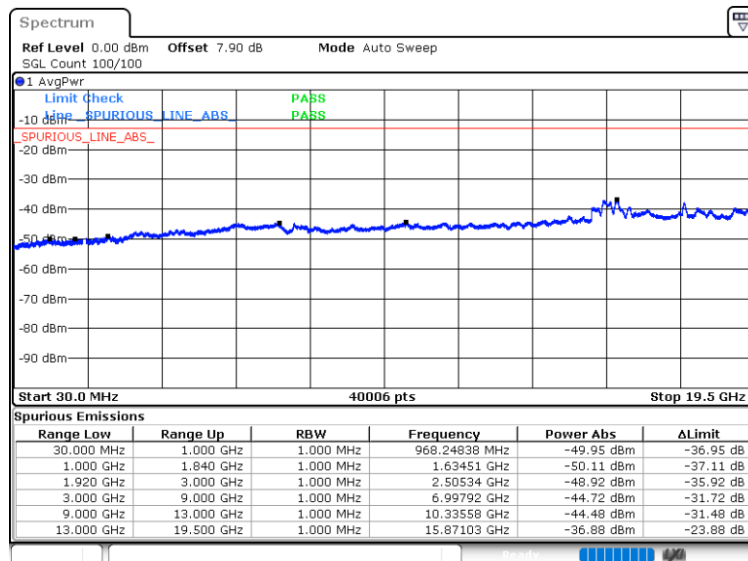
Date: 18.AUG.2026 23:46:51

Middle Channel / QPSK



Date: 18.AUG.2026 23:48:27

Highest Channel / QPSK

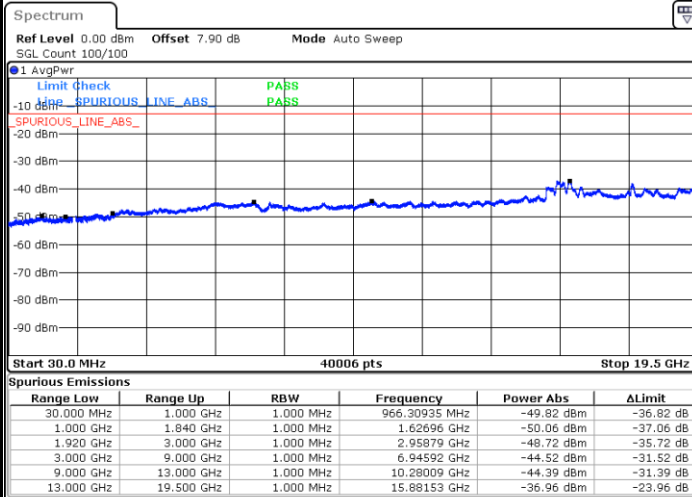


Date: 18.AUG.2026 23:50:04



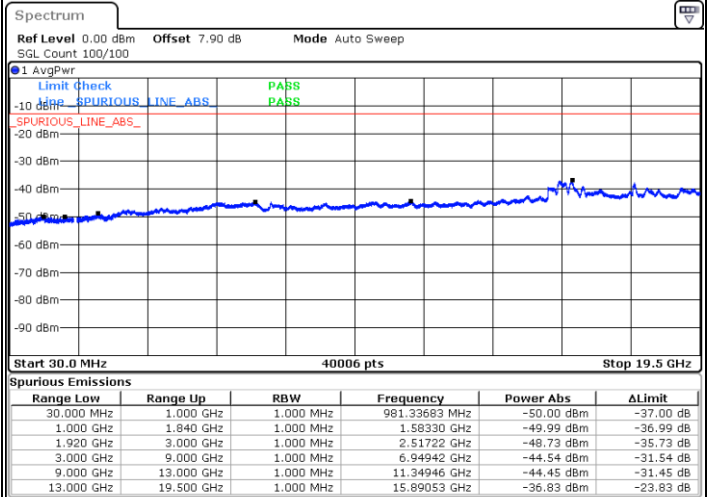
LTE Band 2 / 5MHz

Lowest Channel / QPSK



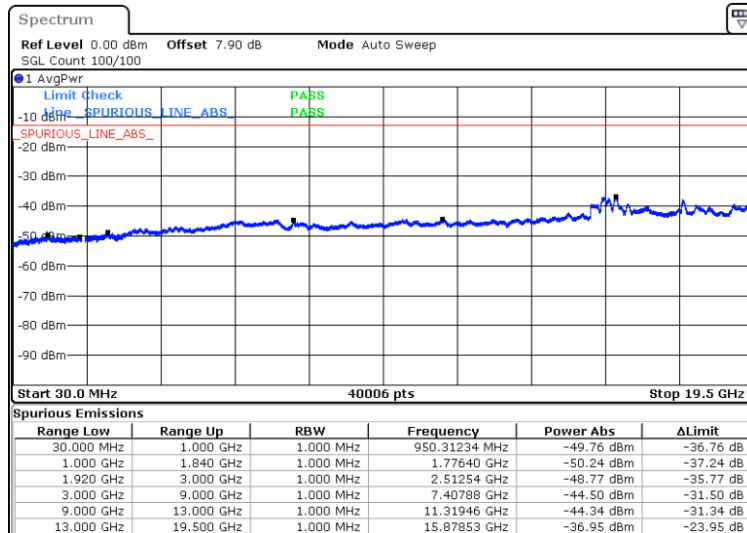
Date: 18.AUG.2026 23:51:42

Middle Channel / QPSK



Date: 18.AUG.2026 23:53:18

Highest Channel / QPSK

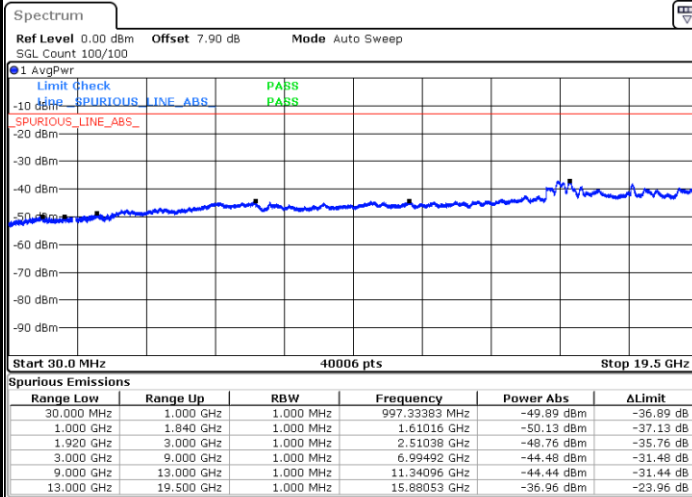


Date: 18.AUG.2026 23:54:53



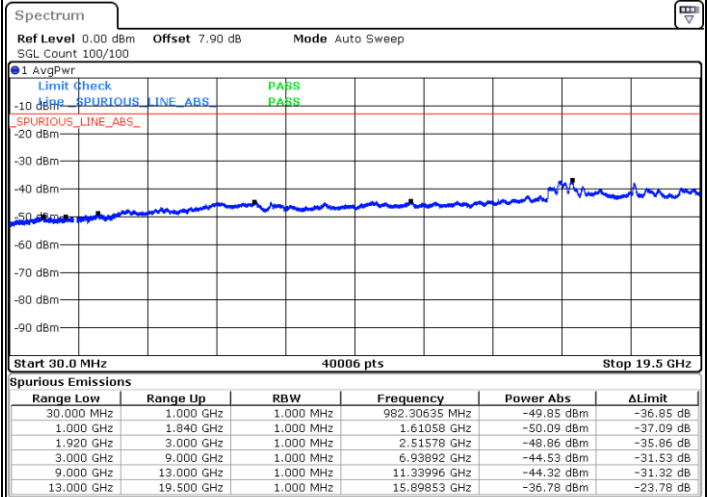
LTE Band 2 / 10MHz

Lowest Channel / QPSK



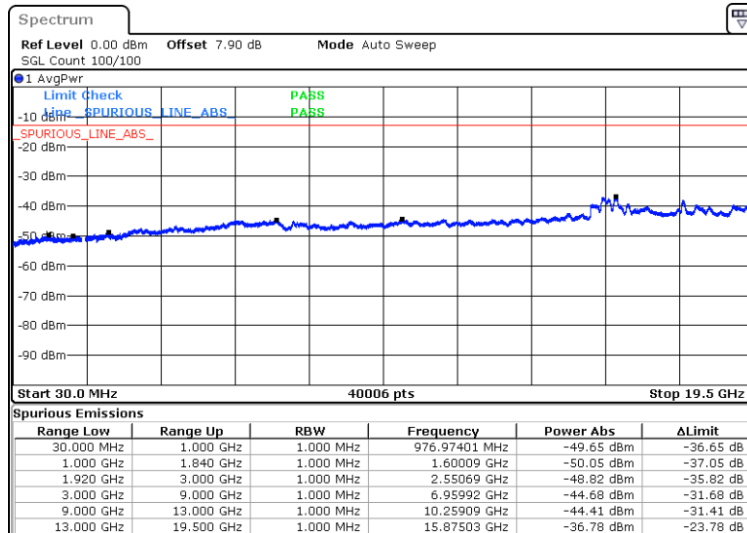
Date: 18.AUG.2026 23:56:32

Middle Channel / QPSK



Date: 18.AUG.2026 23:58:10

Highest Channel / QPSK

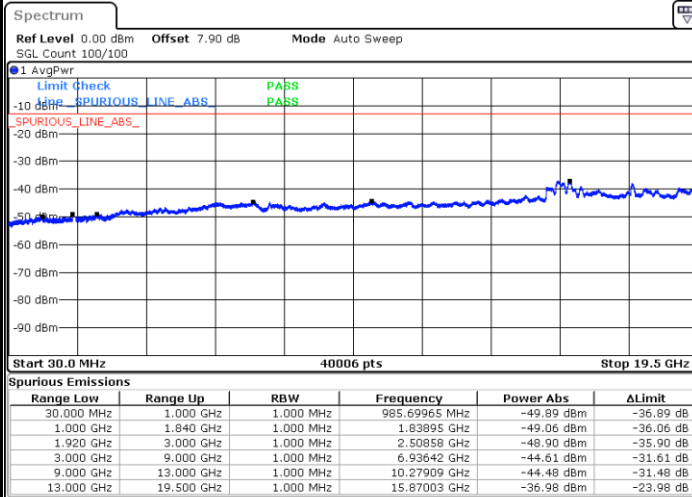


Date: 18.AUG.2026 23:59:45



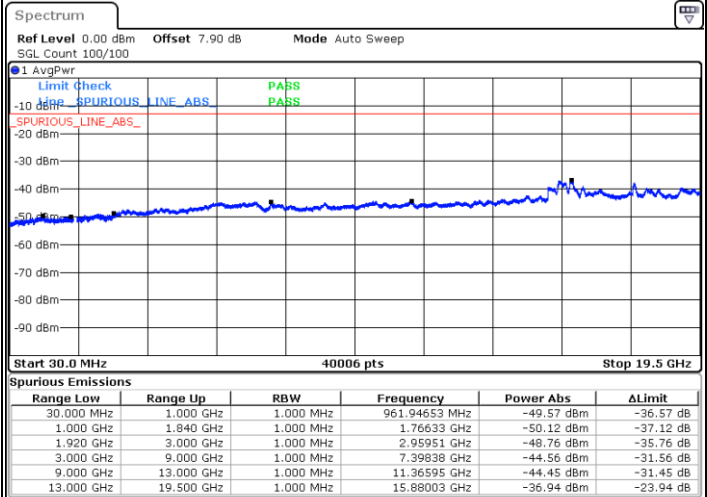
LTE Band 2 / 15MHz

Lowest Channel / QPSK



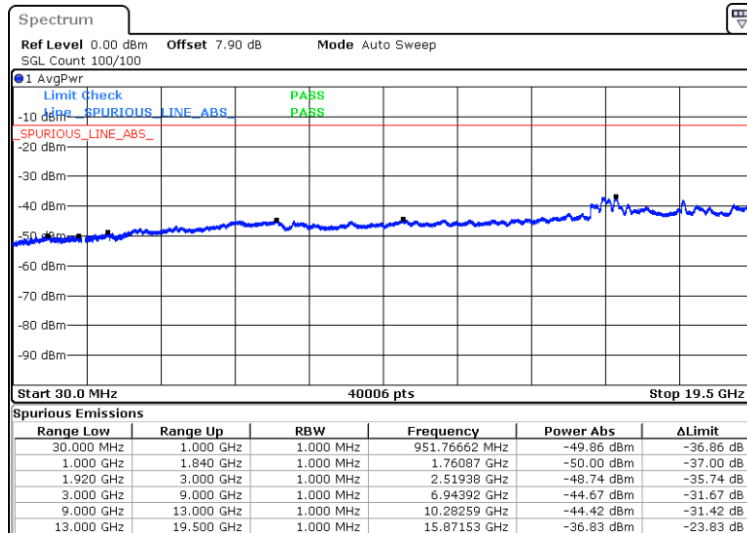
Date: 19.AUG.2026 00:01:25

Middle Channel / QPSK



Date: 19.AUG.2026 00:03:03

Highest Channel / QPSK

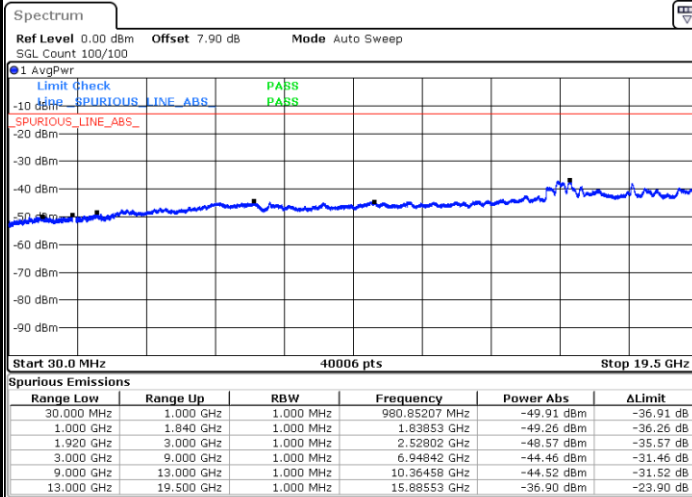


Date: 19.AUG.2026 00:04:42



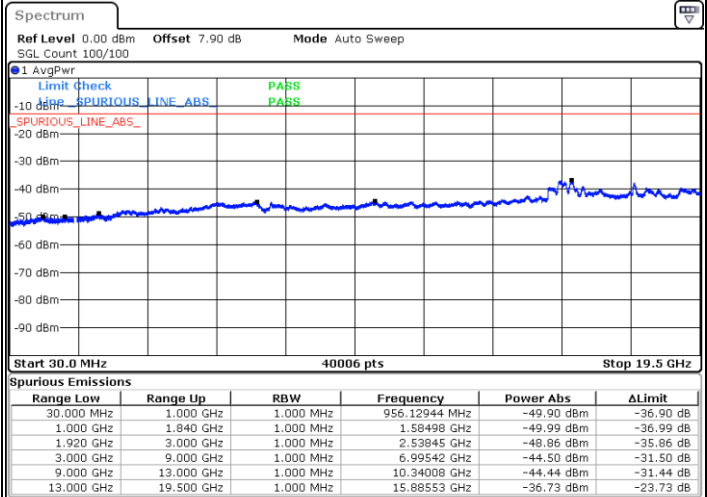
LTE Band 2 / 20MHz

Lowest Channel / QPSK



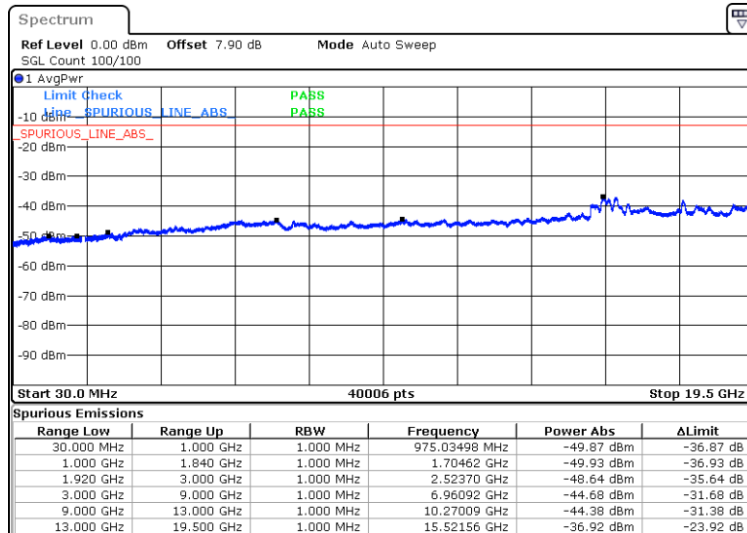
Date: 19.AUG.2026 00:06:20

Middle Channel / QPSK



Date: 19.AUG.2026 00:07:59

Highest Channel / QPSK



Date: 19.AUG.2026 00:09:38

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel / BandWidth 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0064	-12.1	Yes	PASS
40	Normal Voltage	0.0032	-6.1	Yes	
30	Normal Voltage	0.0024	4.6	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0038	-7.1	Yes	
0	Normal Voltage	0.0034	6.3	Yes	
-10	Normal Voltage	0.0029	5.4	Yes	
-20	Normal Voltage	0.0063	-11.8	Yes	
-30	Normal Voltage	0.0032	6.1	Yes	
20	Maximum Voltage	0.0021	3.9	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0014	-2.6	Yes	

Note:

1. Normal Voltage = 3.75 V. ; Minimum Voltage = 3.4 V. ; Maximum Voltage = 4.55 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.



LTE Band 4

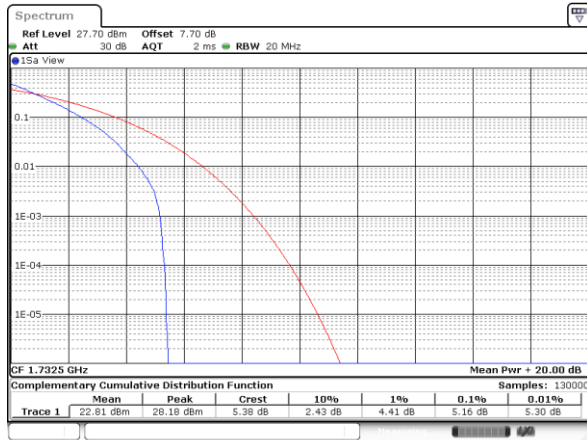
Peak-to-Average Ratio

Mode	LTE Band 4 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.16	6.29	6.58	6.67	PASS



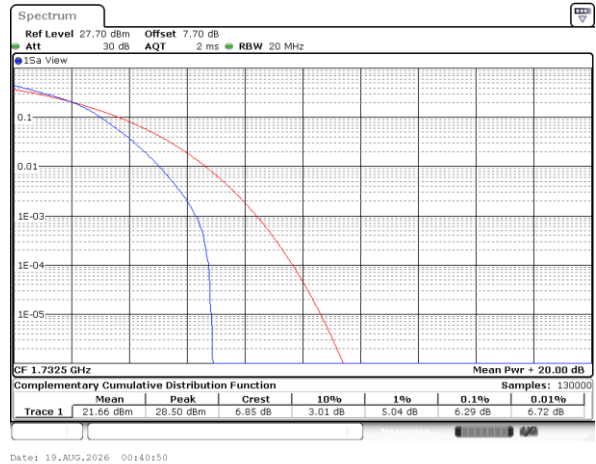
LTE Band 4 / 20MHz / QPSK

Middle Channel / Full RB



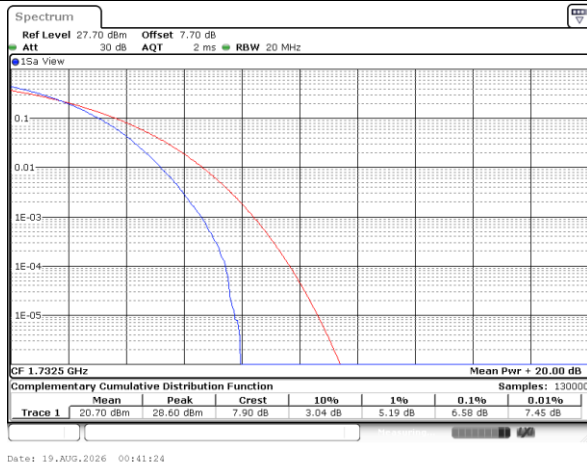
LTE Band 4 / 20MHz / 16QAM

Middle Channel / Full RB



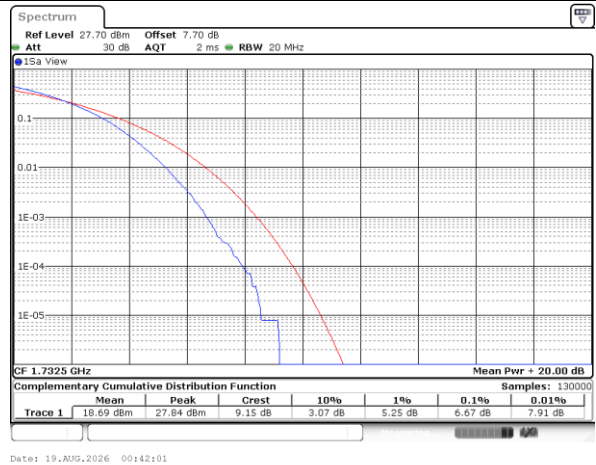
LTE Band 4 / 20MHz / 64QAM

Middle Channel / Full RB



LTE Band 4 / 20MHz / 256QAM

Middle Channel / Full RB





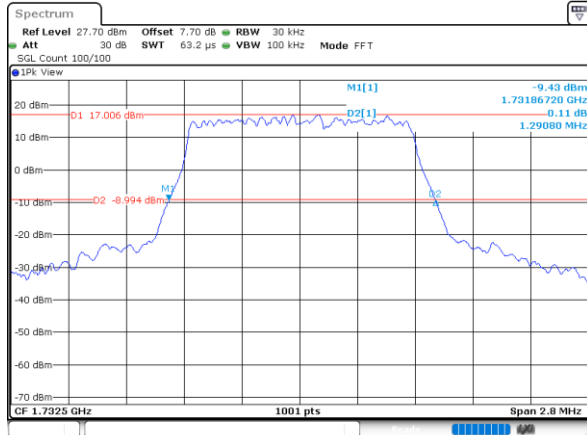
26dB Bandwidth

Mode	LTE Band 4 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.29	1.28	3.09	3.06	4.90	4.94	9.72	9.74	14.40	14.40	18.84	18.88



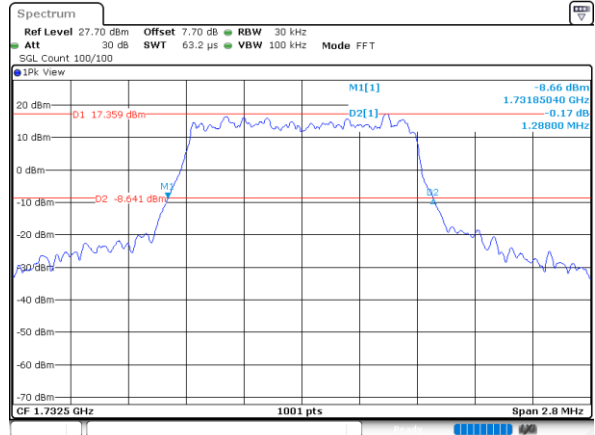
LTE Band 4

Middle Channel / 1.4MHz / QPSK



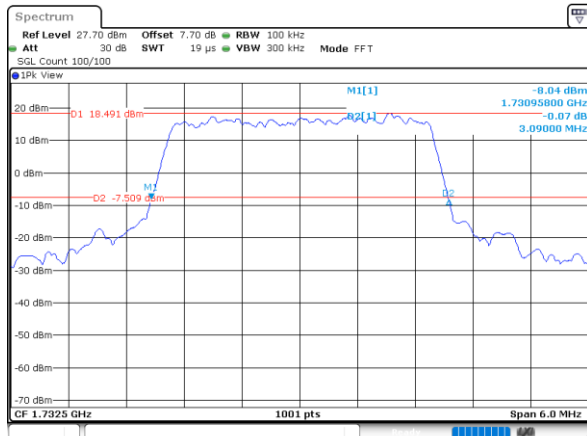
Date: 19.AUG.2026 00:33:15

Middle Channel / 1.4MHz / 16QAM



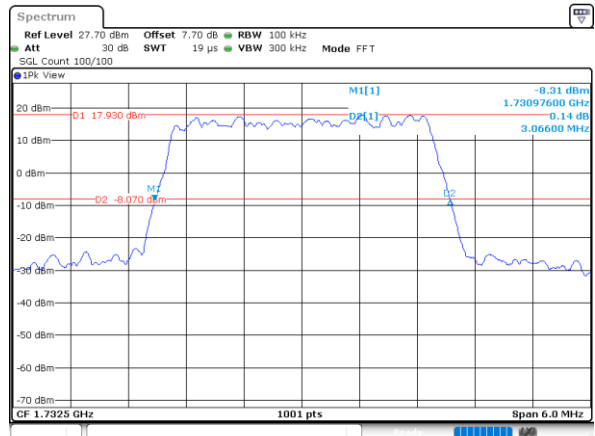
Date: 19.AUG.2026 00:33:52

Middle Channel / 3MHz / QPSK



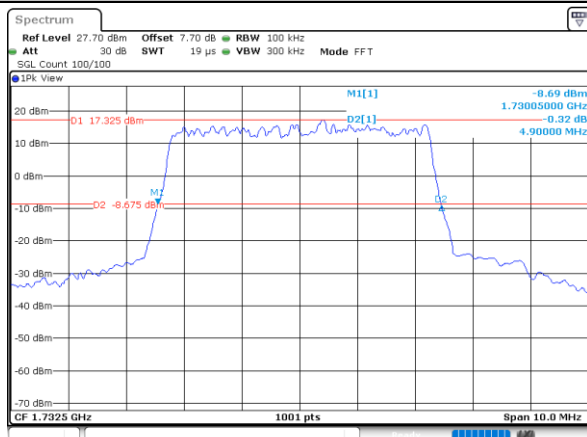
Date: 19.AUG.2026 00:34:26

Middle Channel / 3MHz / 16QAM



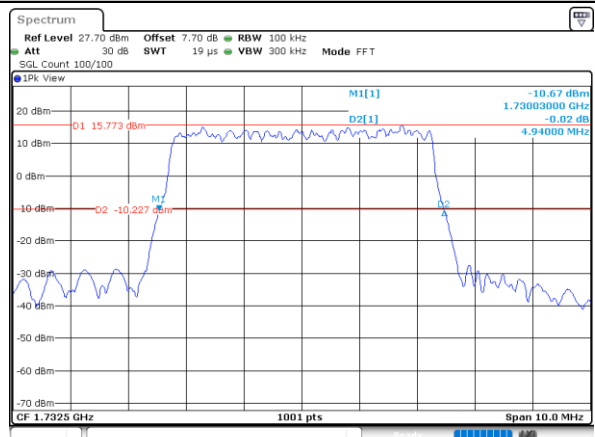
Date: 19.AUG.2026 00:35:02

Middle Channel / 5MHz / QPSK



Date: 19.AUG.2026 00:35:37

Middle Channel / 5MHz / 16QAM

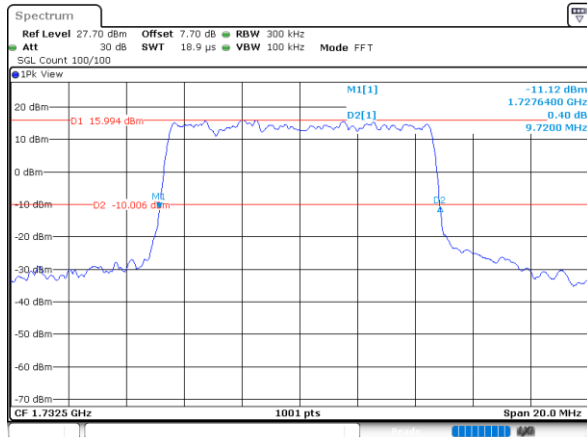


Date: 19.AUG.2026 00:36:12

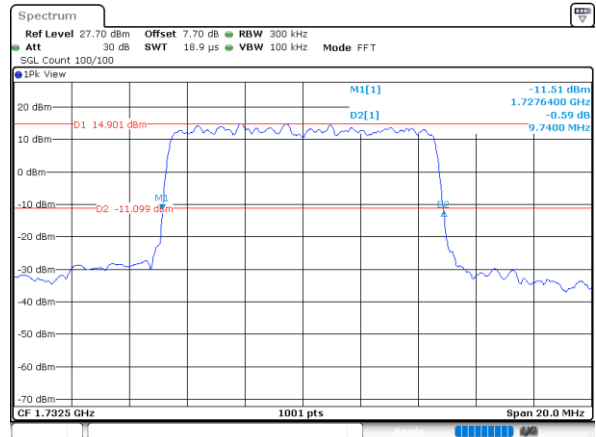


LTE Band 4

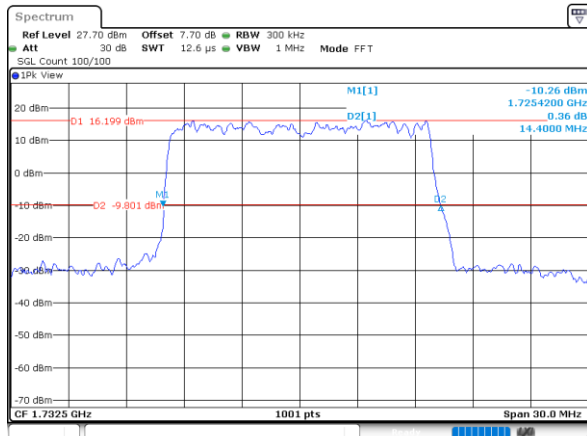
Middle Channel / 10MHz / QPSK



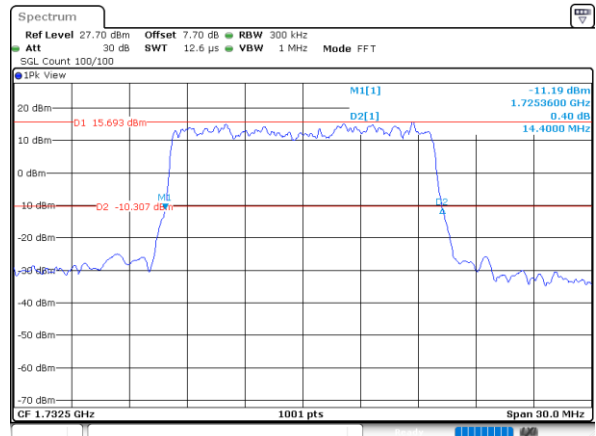
Middle Channel / 10MHz / 16QAM



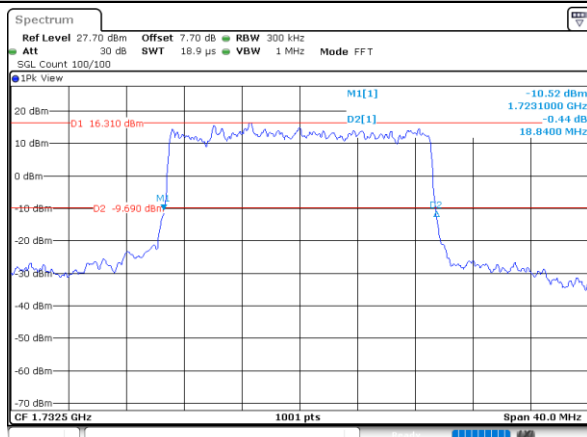
Middle Channel / 15MHz / QPSK



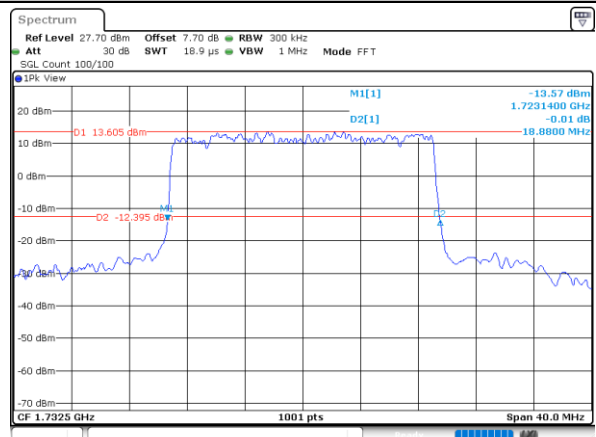
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM





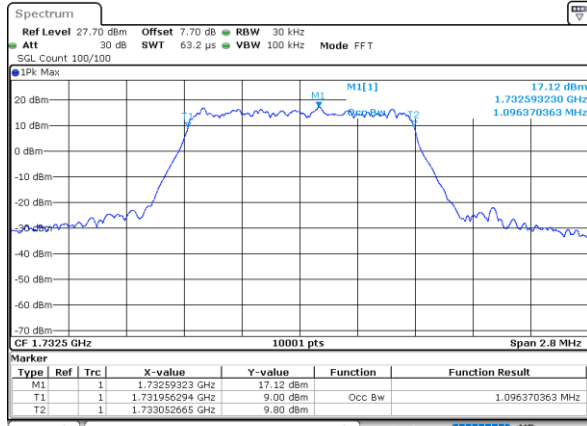
Occupied Bandwidth

Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.09	2.71	2.71	4.50	4.45	9.13	9.03	13.50	13.46	17.92	17.96

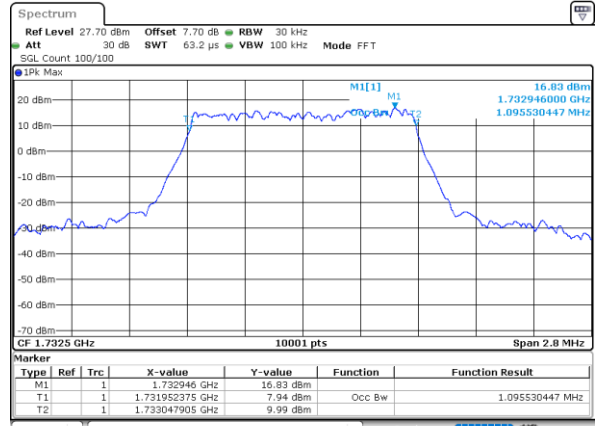


LTE Band 4

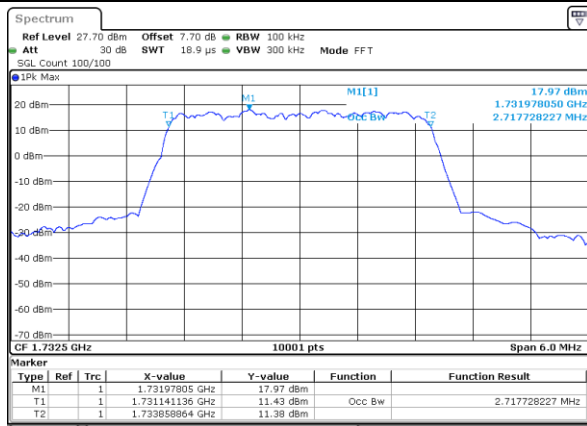
Middle Channel / 1.4MHz / QPSK



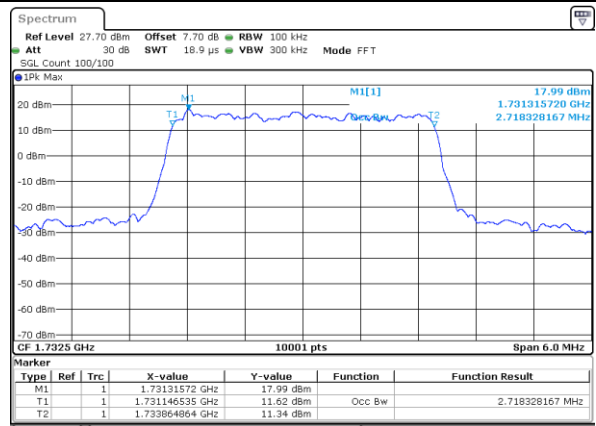
Middle Channel / 1.4MHz / 16QAM



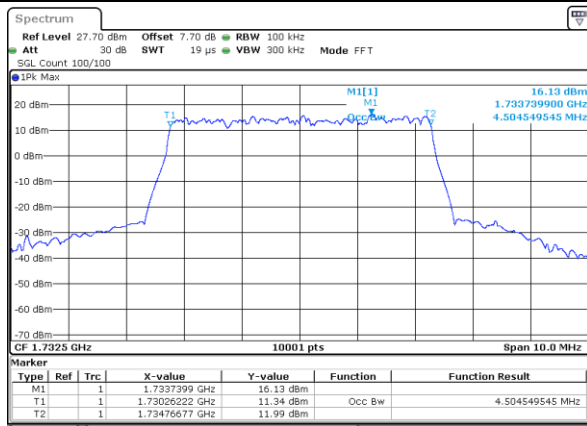
Middle Channel / 3MHz / QPSK



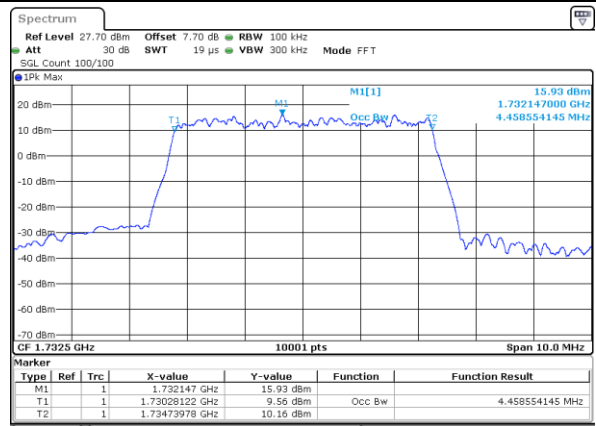
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



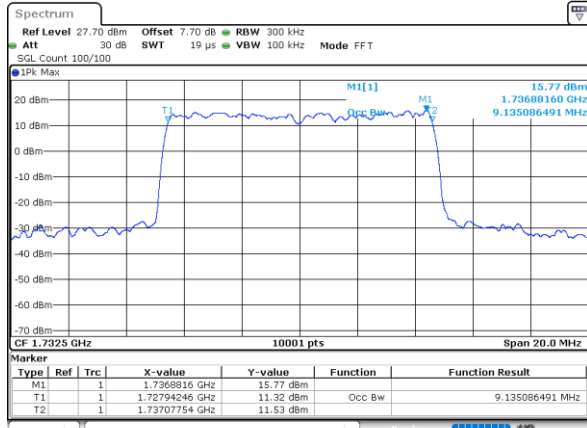
Middle Channel / 5MHz / 16QAM



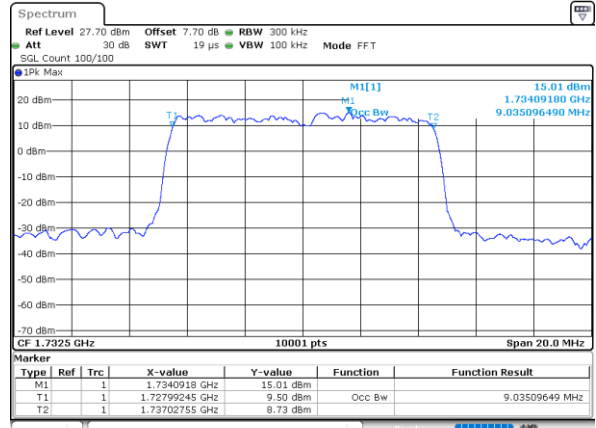


LTE Band 4

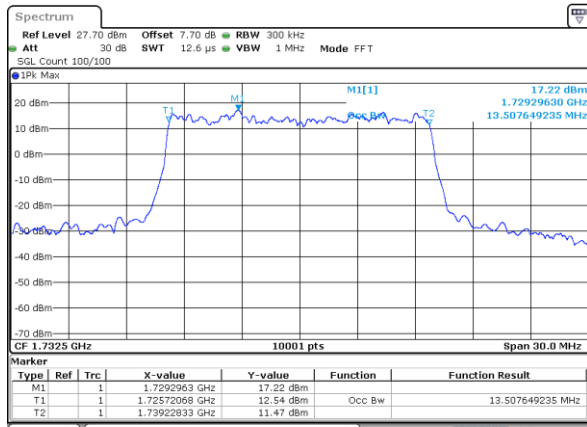
Middle Channel / 10MHz / QPSK



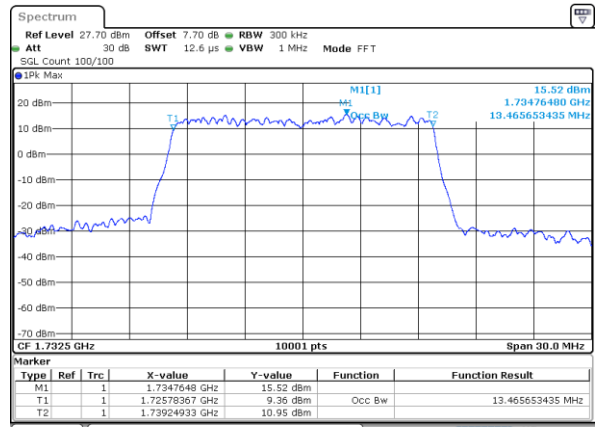
Middle Channel / 10MHz / 16QAM



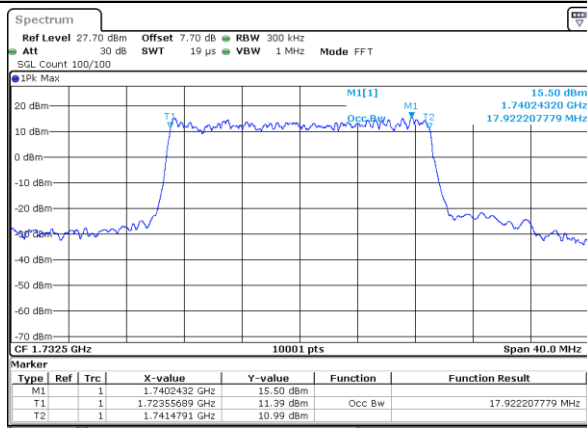
Middle Channel / 15MHz / QPSK



Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

