



FCC RADIO TEST REPORT

FCC ID : ACJ9TGWW21B
Equipment : Radio Module
Brand Name : Panasonic
Model Name : WW21B
Applicant : Panasonic Corporation of North America
Two Riverfront Plaza, Newark, New Jersey, 07102-5490, USA
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(R), Part 90(S)

The product was received on Sep. 02, 2025 and testing was performed from Sep. 03, 2025 to Oct. 14, 2025. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI C63.26-2015 and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)



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	7
1.3 Testing Location	8
1.4 Applicable Standards.....	8
2 Test Configuration of Equipment Under Test	9
2.1 Test Mode.....	9
2.2 Connection Diagram of Test System.....	10
2.3 Support Unit used in test configuration and system	10
2.4 Frequency List of Low/Middle/High Channels	11
3 Conducted Test Items.....	20
3.1 Measuring Instruments	20
3.2 Conducted Output Power and ERP/EIRP	21
4 Radiated Test Items	22
4.1 Measuring Instruments	22
4.2 Radiated Spurious Emission Measurement	24
5 List of Measuring Equipment.....	26
6 Measurement Uncertainty	27
Appendix A. Test Results of Conducted Test	
Appendix B. Test Results of Radiated Test	
Appendix C. Test Setup Photographs	



History of this test report

Report No.	Version	Description	Issue Date
FG4D1251-02B	01	Initial issue of report	Dec. 03, 2025

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046 RSS-195 5.5 RSS-140 4.3	Conducted Output Power	Pass	-
	§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)		
	RSS-133 5.5 SRSP-510 §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)		
	§90.542 (a)(7)	Effective Radiated Power (Band 14)		
-	§24.232 (d) §27.50 (d)(5)	Peak-to-Average Ratio	-	See Note
-	§2.1049 RSS-195 3.1 RSS-140 2.3	Occupied Bandwidth	-	See Note
-	§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)	-	See Note
	§2.1051 §27.53 (m)(4)	Conducted Band Edge Measurement (Band 7) (Band 38) (Band 41)		
	§2.1051 §90.543 (e)(2)	Conducted Band Edge Measuremen (Band 14)		
-	§2.1051 §90.210 (n)	Emission Mask (Band 14)	-	See Note
	§2.1051 §90.691	Emission masks (Band 26)		



Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
-	§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)	-	See Note
	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (Band 7) (Band 38) (Band 41)		
	§2.1051 §90.543 (e)(3)	Conducted Spurious Emission (Band 14)		
-	§2.1055 §22.355 §24.235 §27.54 §90.539 (e)§90.213	Frequency Stability Temperature & Voltage	-	See 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	-
	§2.1053 §27.53 (m)(4)	Radiated Spurious Emission (Band 7) (Band 38) (Band 41)		
	§2.1053 §90.543 (e)(3) §90.543 (f)	Radiated Spurious Emission (Band 14)		

Note:

1. For host device, the spot check Radiated Spurious Emission and complies with the limit in this test report.
2. For host device, the spot check Conducted Output Power is no difference after compared to module (Model: Panasonic WW21B)

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: Hannah Yang**



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs	WCDMA/LTE
Installed into the Host	Brand Name: Panasonic Model Name: FZ-40(mk3)
Antenna Type for Host	Monopole Antenna

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

FDD/TDD band Power Class				
	PC3	PC2		
B2	V			
B4	V			
B5	V			
B7 /B7C	V			
B12	V			
B13	V			
B14	V			
B17	V			
B25	V			
B26	V			
B38	V			
B41/ B41C	V			
B66	V			
B71	V			

Antenna information(dBi)							
Band	Ant 0		Main Ant. #				
B2	1.99		0				
B4	1.48		0				
B5	-0.09		0				
B7	1.97		0				
B12	0.26		0				
B13	0.11		0				
B14	-0.57		0				
B17	0.26		0				
B25	1.99		0				
B26	-0.09		0				
B38	2.29		0				
B41	2.29		0				
B66	1.48		0				
B71	-0.68		0				

Remark: The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

Accessories Information for Host		
AC Adapter	Brand Name	Panasonic
	Model Name	CF-AA5713A
Battery	Brand Name	Panasonic
	Model Name	FZ-VZSU1XU

1.2 Modification of EUT

No modifications made to the EUT during the testing.



1.3 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333
Test Site No.	Sporton Site No.
	TH03-HY
Test Engineer	Yuki Chen
Temperature (°C)	22.2~23.4
Relative Humidity (%)	53.2~55.5

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010
Test Site No.	Sporton Site No.
	03CH20-HY (TAF Code: 3786)
Test Engineer	John Chuang, David Dai and Sam Chou
Temperature (°C)	19~22.2
Relative Humidity (%)	64.6~70
Remark	The Radiated Spurious Emission test item subcontracted to Sporton International Inc. Wensan Laboratory.

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

FCC Designation No.: TW1190 and 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.

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 and verify accessory (Adapter) and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and only the worst case emissions were reported in this report.

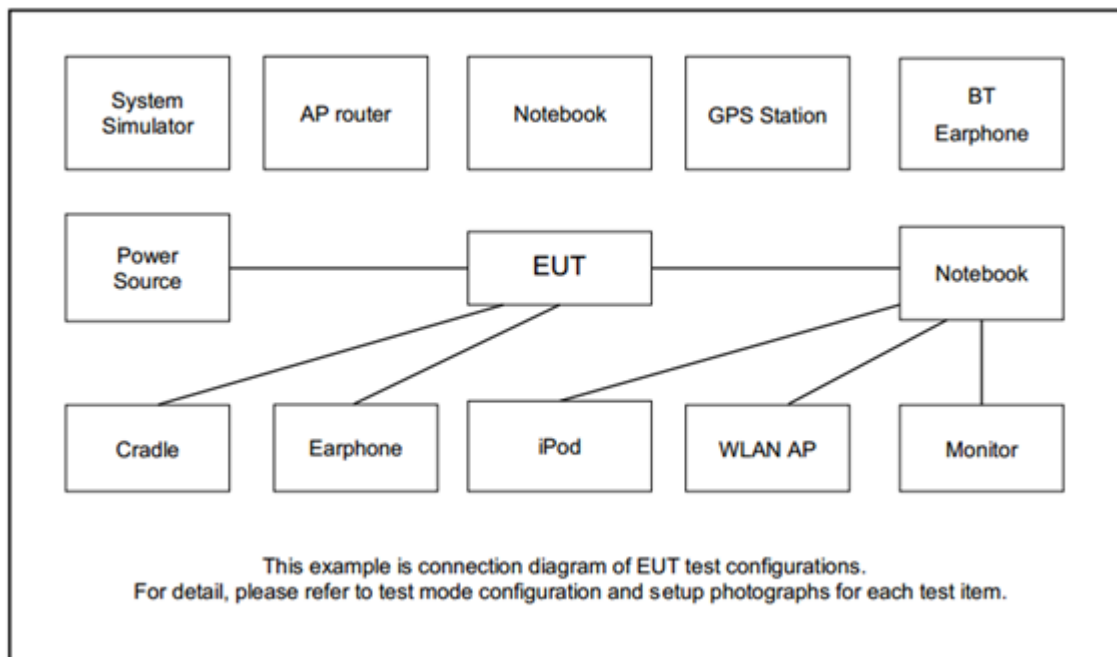
Modulation Type	Modulation
A	QPSK
B	16QAM
C	64QAM
D	256QAM

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

Remark:

1. Evaluated all the transmitter signal and reporting worst-case configuration among all modulation types.
2. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst-case emissions are reported.

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	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	Base Station	Anritsu	MT8000A	N/A	N/A	Unshielded, 1.8 m
3.	Earphone	Moto	SJYN1181B	N/A	N/A	Unshielded, 1.25m



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

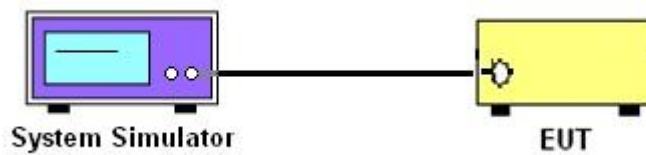
3 Conducted Test Items

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 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 output power of mobile transmitters must not exceed 100 Watts for LTE Band 26 (Part 90S)

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

According to KDB 412172 D01 Power Approach,

$EIRP = P_T + G_T - L_C$, $ERP = EIRP - 2.15$, 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.

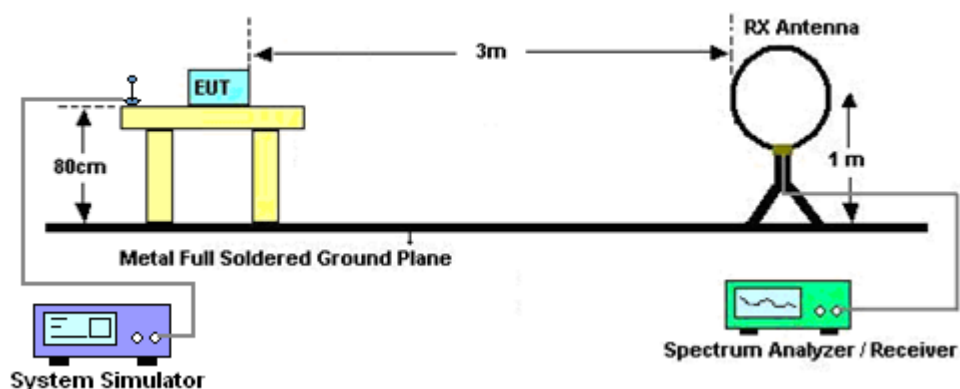
4 Radiated Test Items

4.1 Measuring Instruments

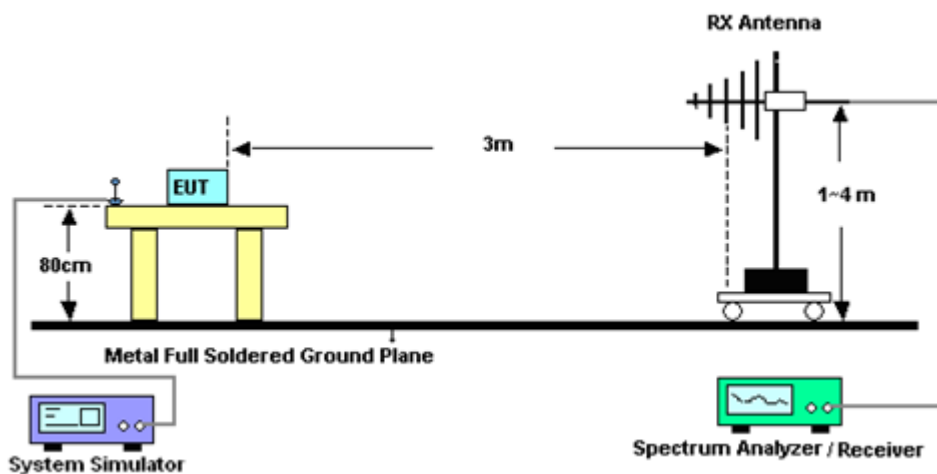
See list of measuring instruments of this test report.

4.1.1 Test Setup

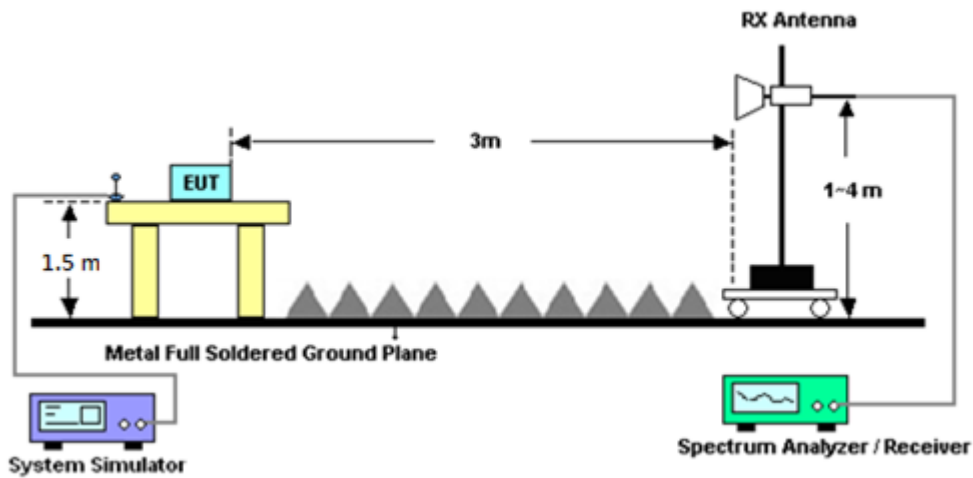
For radiated test below 30MHz



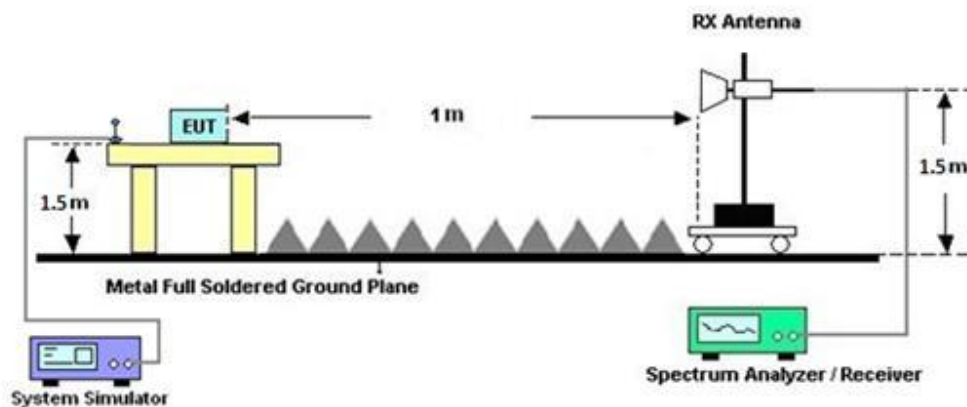
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

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 radiated spurious emission was measured by substitution method according to ANSI C63.26-2015. 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. Field Strength Level (dBm) = Spectrum Reading (dBm) + Antenna Factor + Cable Loss + Read Level - Preamp Factor.
8. ERP (dBm) = EIRP (dBm) - 2.15
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
The limit line is derived from $43 + 10\log(P)\text{dB}$ below the transmitter power P(Watts)
For LTE Band 7, 38, 41
The limit line is derived from $55 + 10\log(P)\text{dB}$ below the transmitter power P(Watts)



5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Test Receiver	Keysight	N9038A(MXE)	MY54130085	N/A	Oct. 16, 2024	Sep. 16, 2025~ Oct. 08, 2025	Oct. 15, 2025	Radiation (03CH20-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9 kHz~30 MHz	Nov. 18, 2024	Sep. 16, 2025~ Oct. 08, 2025	Nov. 17, 2025	Radiation (03CH20-HY)
Preamplifier	EMEC	EM18G40G	060873	18GHz~40GHz	Aug. 26, 2025	Sep. 16, 2025~ Oct. 08, 2025	Aug. 25, 2026	Radiation (03CH20-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Sep. 16, 2025~ Oct. 08, 2025	N/A	Radiation (03CH20-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Sep. 16, 2025~ Oct. 08, 2025	N/A	Radiation (03CH20-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Sep. 16, 2025~ Oct. 08, 2025	N/A	Radiation (03CH20-HY)
Signal Analyzer	Keysight	N9010B	MY60240520	N/A	Dec. 09, 2024	Sep. 16, 2025~ Oct. 08, 2025	Dec. 08, 2025	Radiation (03CH20-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800 N1D01N-06	55606 & 08	30MHz~1GHz	Nov. 27, 2024	Sep. 16, 2025~ Oct. 08, 2025	Nov. 26, 2025	Radiation (03CH20-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	02360	1GHz-18GHz	Nov. 01, 2024	Sep. 16, 2025~ Oct. 08, 2025	Oct. 31, 2025	Radiation (03CH20-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	00994	18GHz-40GHz	Jan. 09, 2025	Sep. 16, 2025~ Oct. 08, 2025	Jan. 08, 2026	Radiation (03CH20-HY)
Preamplifier	COM-POWER	PAM-103	18020201	1MHz-1000MHz	Dec. 31, 2024	Sep. 16, 2025~ Oct. 08, 2025	Dec. 30, 2025	Radiation (03CH20-HY)
Amplifier	EMCI	EMC118A45S E	980792	N/A	Nov. 12, 2024	Sep. 16, 2025~ Oct. 08, 2025	Nov. 11, 2025	Radiation (03CH20-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519229/2,80 4015/2,8040 27/2	N/A	Jan. 16, 2025	Sep. 16, 2025~ Oct. 08, 2025	Jan. 15, 2026	Radiation (03CH20-HY)
Hygrometer	T ECPEL	DTM-303A	TP211382	N/A	Mar. 31, 2025	Sep. 16, 2025~ Oct. 08, 2025	Mar. 30, 2026	Radiation (03CH20-HY)
Software	Audix	N/A	RK-002156	N/A	N/A	Sep. 16, 2025~ Oct. 08, 2025	N/A	Radiation (03CH20-HY)
Radio Communicatio n Analyzer	Anritsu	MT8821C	6262025353	LTE FDD/TDD LTE-2CC DLCA/ULCA	Oct. 01, 2024	Sep. 03, 2025~ Sep. 29, 2025	Sep. 30, 2025	Conducted (TH03-HY)
Radio Communicatio n Analyzer	Anritsu	MT8821C	6201664755	LTE FDD/TDD(with4 4), LTE-4CC DLCA/2CC ULCA, CatM1/NB1/NB2	Jul. 05, 2025	Sep. 30, 2025~ Oct. 14, 2025	Jul. 04, 2026	Conducted (TH03-HY)
Coupler+10dB + RfCable	Warison + WoKen + E-Instument	20dB 25W SMA Directional Coupler+ 10dB 18GHz_5W+S FL405_1.5M	#A+#1+#1+# 7	1-18GHz	Jan. 03, 2025	Sep. 03, 2025~ Oct. 14, 2025	Jan. 02, 2026	Conducted (TH03-HY)
Power divider	Anritsu	K241C	2143398	9KHz~40GHz	Jun. 13, 2025	Sep. 03, 2025~ Oct. 14, 2025	Jun. 12, 2026	Conducted (TH03-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV3044	101049	10Hz~44GHz	Jul. 04, 2025	Sep. 03, 2025~ Oct. 14, 2025	Jul. 03, 2026	Conducted (TH03-HY)
Software	Sporton	LTE Conducted Test Tools	N/A	Conducted Test Item	N/A	Sep. 03, 2025~ Oct. 14, 2025	N/A	Conducted (TH03-HY)
Hygrometer	TECPEL	DTM-303B	TP200886	-10 ~ 50°C / 20 ~ 95%RH	Mar. 03, 2025	Sep. 03, 2025~ Oct. 14, 2025	Mar. 02, 2026	Conducted (TH03-HY)



6 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.7 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 6 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.4 dB
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Uncertainty of Radiated Emission Measurement (6 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.6 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.7 dB
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Appendix A. Test Results of Conducted Test

Conducted Output Power (Average power and ERI/EIRP)

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.99 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.50	22.43	22.42	24.49	0.2812
20	1	49		22.46	22.41	22.40		
20	1	99		22.40	22.38	22.36		
20	50	0		21.53	21.45	21.42		
20	50	24		21.62	21.48	21.56		
20	50	50		21.58	21.55	21.53		
20	100	0		21.60	21.53	21.46		
20	1	0	16-QAM	21.86	21.77	21.74	23.85	0.2427
20	1	49		21.80	21.74	21.74		
20	1	99		21.73	21.70	21.69		
20	50	0		20.52	20.46	20.45		
20	50	24		20.62	20.49	20.56		
20	50	50		20.60	20.55	20.56		
20	100	0		20.61	20.51	20.46		
20	1	0	64-QAM	21.72	20.61	20.63	23.71	0.2350
20	1	49		21.67	20.68	20.65		
20	1	99		21.59	20.61	20.59		
20	50	0		19.55	19.49	19.47		
20	50	24		19.59	19.53	19.58		
20	50	50		19.59	19.58	19.56		
20	100	0		19.60	19.56	19.47		
20	1	0	256-QAM	17.59	17.49	17.47	19.66	0.0925
20	1	49		17.67	17.58	17.50		
20	1	99		17.52	17.47	17.55		
20	50	0		17.61	17.50	17.49		
20	50	24		17.55	17.48	17.50		
20	50	50		17.64	17.52	17.46		
20	100	0		17.53	17.51	17.51		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.99 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.50	22.42	22.44	24.49	0.2812
15	1	37		22.48	22.46	22.39		
15	1	74		22.46	22.40	22.40		
15	36	0		21.59	21.46	21.45		
15	36	20		21.60	21.57	21.50		
15	36	39		21.57	21.56	21.56		
15	75	0		21.60	21.56	21.47		
15	1	0	16-QAM	21.82	21.77	21.76	23.81	0.2404
15	1	37		21.79	21.74	21.77		
15	1	74		21.76	21.74	21.71		
15	36	0		20.60	20.46	20.46		
15	36	20		20.60	20.59	20.48		
15	36	39		20.59	20.56	20.56		
15	75	0		20.61	20.57	20.49		
15	1	0	64-QAM	20.68	20.60	20.61	22.70	0.1862
15	1	37		20.68	20.71	20.69		
15	1	74		20.69	20.64	20.67		
15	36	0		19.64	19.50	19.46		
15	36	20		19.66	19.59	19.51		
15	36	39		19.66	19.62	19.60		
15	75	0		19.62	19.56	19.47		
15	1	0	256-QAM	17.56	17.43	17.44	19.64	0.0920
15	1	37		17.65	17.54	17.45		
15	1	74		17.48	17.44	17.47		
15	36	0		17.57	17.49	17.47		
15	36	20		17.47	17.47	17.48		
15	36	39		17.56	17.48	17.42		
15	75	0		17.49	17.46	17.47		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.99 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.49	22.41	22.27	24.48	0.2805
10	1	25		22.41	22.34	22.30		
10	1	49		22.31	22.26	22.30		
10	25	0		21.44	21.39	21.36		
10	25	12		21.57	21.36	21.42		
10	25	25		21.50	21.45	21.46		
10	50	0		21.54	21.49	21.36		
10	1	0	16-QAM	21.76	21.75	21.63	23.77	0.2382
10	1	25		21.78	21.67	21.63		
10	1	49		21.63	21.61	21.60		
10	25	0		20.38	20.44	20.37		
10	25	12		20.51	20.37	20.50		
10	25	25		20.58	20.45	20.54		
10	50	0		20.46	20.47	20.41		
10	1	0	64-QAM	21.58	20.59	20.58	23.60	0.2291
10	1	25		21.61	20.63	20.56		
10	1	49		21.54	20.51	20.56		
10	25	0		20.49	19.36	19.45		
10	25	12		20.52	19.46	19.54		
10	25	25		20.54	19.47	19.46		
10	50	0		20.48	19.43	19.40		
10	1	0	256-QAM	17.58	17.44	17.41	19.59	0.0910
10	1	25		17.60	17.53	17.43		
10	1	49		17.48	17.44	17.49		
10	25	0		17.58	17.49	17.45		
10	25	12		17.47	17.43	17.46		
10	25	25		17.59	17.44	17.39		
10	50	0		17.48	17.44	17.48		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.99 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.38	22.30	22.31	24.39	0.2748
5	1	12		22.40	22.31	22.31		
5	1	24		22.28	22.29	22.31		
5	12	0		21.41	21.43	21.28		
5	12	7		21.59	21.41	21.53		
5	12	13		21.50	21.43	21.44		
5	25	0		21.55	21.47	21.40		
5	1	0	16-QAM	21.80	21.69	21.68	23.79	0.2393
5	1	12		21.79	21.67	21.64		
5	1	24		21.64	21.68	21.55		
5	12	0		20.41	20.37	20.34		
5	12	7		20.54	20.40	20.43		
5	12	13		20.52	20.52	20.41		
5	25	0		20.58	20.47	20.33		
5	1	0	64-QAM	21.61	20.49	20.52	23.60	0.2291
5	1	12		21.56	20.59	20.55		
5	1	24		21.47	20.57	20.57		
5	12	0		20.49	19.41	19.41		
5	12	7		20.51	19.40	19.52		
5	12	13		20.46	19.55	19.43		
5	25	0		20.47	19.41	19.45		
5	1	0	256-QAM	17.56	17.44	17.44	19.61	0.0914
5	1	12		17.62	17.55	17.43		
5	1	24		17.45	17.44	17.54		
5	12	0		17.59	17.42	17.45		
5	12	7		17.52	17.43	17.46		
5	12	13		17.58	17.45	17.43		
5	25	0		17.52	17.46	17.47		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.99 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	22.35	22.37	22.32	24.36	0.2729
3	1	8		22.36	22.27	22.31		
3	1	14		22.30	22.26	22.33		
3	8	0		21.39	21.30	21.31		
3	8	4		21.54	21.45	21.53		
3	8	7		21.43	21.52	21.44		
3	15	0		21.54	21.52	21.38		
3	1	0	16-QAM	21.75	21.66	21.63	23.74	0.2366
3	1	8		21.69	21.62	21.67		
3	1	14		21.70	21.64	21.54		
3	8	0		20.46	20.43	20.41		
3	8	4		20.60	20.43	20.41		
3	8	7		20.54	20.43	20.47		
3	15	0		20.57	20.40	20.38		
3	1	0	64-QAM	21.66	20.46	20.55	23.65	0.2317
3	1	8		21.58	20.62	20.63		
3	1	14		21.50	20.52	20.46		
3	8	0		20.51	19.43	19.41		
3	8	4		20.45	19.49	19.57		
3	8	7		20.53	19.52	19.47		
3	15	0		20.52	19.44	19.38		
3	1	0	256-QAM	17.55	17.47	17.42	19.6	0.0912
3	1	8		17.61	17.52	17.46		
3	1	14		17.50	17.42	17.51		
3	8	0		17.58	17.43	17.44		
3	8	4		17.53	17.43	17.42		
3	8	7		17.59	17.48	17.43		
3	15	0		17.50	17.46	17.49		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.99 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	22.38	22.34	22.33	24.47	0.2799
1.4	1	3		22.47	22.39	22.39		
1.4	1	5		22.41	22.34	22.30		
1.4	3	0		22.44	22.37	22.32		
1.4	3	1		22.48	22.44	22.39		
1.4	3	3		22.46	22.37	22.35		
1.4	6	0		21.51	21.42	21.37		
1.4	1	0	16-QAM	21.76	21.66	21.68	23.80	0.2399
1.4	1	3		21.81	21.75	21.71		
1.4	1	5		21.76	21.67	21.65		
1.4	3	0		21.54	21.47	21.41		
1.4	3	1		21.60	21.52	21.47		
1.4	3	3		21.54	21.48	21.41		
1.4	6	0		20.56	20.49	20.47		
1.4	1	0	64-QAM	20.70	20.60	20.60	22.77	0.1892
1.4	1	3		20.78	20.71	20.67		
1.4	1	5		20.70	20.64	20.57		
1.4	3	0		20.66	20.60	20.55		
1.4	3	1		20.70	20.64	20.58		
1.4	3	3		20.62	20.58	20.54		
1.4	6	0		19.55	19.46	19.40		
1.4	1	0	256-QAM	17.55	17.45	17.45	19.62	0.0916
1.4	1	3		17.63	17.53	17.49		
1.4	1	5		17.44	17.45	17.52		
1.4	3	0		17.53	17.45	17.48		
1.4	3	1		17.49	17.44	17.43		
1.4	3	3		17.62	17.49	17.40		
1.4	6	0		17.50	17.44	17.47		
Limit	EIRP < 2W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.48 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.37	22.45	22.56	24.04	0.2535
20	1	49		22.22	22.38	22.48		
20	1	99		22.35	22.43	22.49		
20	50	0		21.46	21.60	21.68		
20	50	24		21.50	21.55	21.69		
20	50	50		21.46	21.56	21.66		
20	100	0		21.49	21.55	21.62		
20	1	0	16-QAM	21.71	21.79	21.90	23.38	0.2178
20	1	49		21.58	21.76	21.84		
20	1	99		21.69	21.79	21.80		
20	50	0		20.45	20.61	20.69		
20	50	24		20.51	20.58	20.73		
20	50	50		20.46	20.57	20.67		
20	100	0		20.51	20.55	20.62		
20	1	0	64-QAM	20.63	20.66	20.75	22.23	0.1671
20	1	49		20.55	20.65	20.69		
20	1	99		20.70	20.71	20.71		
20	50	0		19.49	19.63	19.72		
20	50	24		19.53	19.59	19.71		
20	50	50		19.46	19.59	19.69		
20	100	0		19.52	19.57	19.66		
20	1	0	256-QAM	17.61	17.52	17.46	19.15	0.0822
20	1	49		17.67	17.60	17.49		
20	1	99		17.55	17.49	17.55		
20	50	0		17.67	17.53	17.55		
20	50	24		17.54	17.53	17.55		
20	50	50		17.66	17.56	17.45		
20	100	0		17.55	17.56	17.54		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.48 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.37	22.48	22.66	24.14	0.2594
15	1	37		22.23	22.41	22.53		
15	1	74		22.33	22.41	22.51		
15	36	0		21.41	21.60	21.71		
15	36	20		21.47	21.54	21.67		
15	36	39		21.40	21.56	21.68		
15	75	0		21.47	21.54	21.65		
15	1	0	16-QAM	21.70	21.77	21.96	23.44	0.2208
15	1	37		21.56	21.75	21.86		
15	1	74		21.63	21.75	21.88		
15	36	0		20.43	20.58	20.70		
15	36	20		20.47	20.54	20.66		
15	36	39		20.43	20.56	20.69		
15	75	0		20.48	20.58	20.66		
15	1	0	64-QAM	20.55	20.64	20.83	22.31	0.1702
15	1	37		20.49	20.68	20.77		
15	1	74		20.58	20.63	20.73		
15	36	0		19.46	19.64	19.75		
15	36	20		19.49	19.58	19.65		
15	36	39		19.45	19.63	19.74		
15	75	0		19.47	19.58	19.66		
15	1	0	256-QAM	17.55	17.51	17.45	19.13	0.0818
15	1	37		17.63	17.59	17.48		
15	1	74		17.49	17.42	17.50		
15	36	0		17.64	17.52	17.50		
15	36	20		17.46	17.51	17.50		
15	36	39		17.65	17.52	17.38		
15	75	0		17.49	17.54	17.48		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.48 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.30	22.31	22.52	24.00	0.2512
10	1	25		22.11	22.28	22.43		
10	1	49		22.21	22.41	22.42		
10	25	0		21.33	21.54	21.55		
10	25	12		21.42	21.44	21.59		
10	25	25		21.35	21.48	21.61		
10	50	0		21.45	21.46	21.56		
10	1	0	16-QAM	21.63	21.77	21.79	23.29	0.2133
10	1	25		21.46	21.74	21.81		
10	1	49		21.64	21.69	21.77		
10	25	0		20.36	20.50	20.56		
10	25	12		20.37	20.57	20.60		
10	25	25		20.39	20.43	20.63		
10	50	0		20.44	20.46	20.48		
10	1	0	64-QAM	20.49	20.54	20.65	22.16	0.1644
10	1	25		20.51	20.62	20.66		
10	1	49		20.68	20.63	20.65		
10	25	0		19.43	19.57	19.69		
10	25	12		19.52	19.51	19.65		
10	25	25		19.36	19.48	19.59		
10	50	0		19.43	19.50	19.59		
10	1	0	256-QAM	17.59	17.48	17.39	19.13	0.0818
10	1	25		17.64	17.53	17.43		
10	1	49		17.49	17.43	17.52		
10	25	0		17.62	17.51	17.54		
10	25	12		17.49	17.45	17.51		
10	25	25		17.65	17.49	17.44		
10	50	0		17.48	17.48	17.53		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.48 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.34	22.35	22.51	23.99	0.2506
5	1	12		22.16	22.34	22.33		
5	1	24		22.31	22.35	22.41		
5	12	0		21.38	21.49	21.60		
5	12	7		21.41	21.53	21.61		
5	12	13		21.35	21.51	21.52		
5	25	0		21.35	21.47	21.48		
5	1	0	16-QAM	21.62	21.76	21.80	23.28	0.2128
5	1	12		21.55	21.69	21.78		
5	1	24		21.62	21.68	21.76		
5	12	0		20.43	20.59	20.65		
5	12	7		20.41	20.46	20.61		
5	12	13		20.32	20.44	20.52		
5	25	0		20.38	20.45	20.55		
5	1	0	64-QAM	20.55	20.64	20.71	22.19	0.1656
5	1	12		20.42	20.59	20.57		
5	1	24		20.64	20.59	20.57		
5	12	0		19.34	19.50	19.68		
5	12	7		19.43	19.58	19.56		
5	12	13		19.42	19.54	19.54		
5	25	0		19.46	19.47	19.52		
5	1	0	256-QAM	17.60	17.45	17.39	19.11	0.0815
5	1	12		17.62	17.56	17.41		
5	1	24		17.49	17.48	17.48		
5	12	0		17.63	17.49	17.50		
5	12	7		17.46	17.49	17.52		
5	12	13		17.63	17.54	17.40		
5	25	0		17.53	17.52	17.53		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.48 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	22.31	22.38	22.49	23.97	0.2495
3	1	8		22.13	22.26	22.40		
3	1	14		22.29	22.34	22.37		
3	8	0		21.33	21.49	21.61		
3	8	4		21.40	21.48	21.58		
3	8	7		21.39	21.50	21.59		
3	15	0		21.47	21.51	21.57		
3	1	0	16-QAM	21.70	21.76	21.84	23.32	0.2148
3	1	8		21.49	21.67	21.80		
3	1	14		21.68	21.66	21.69		
3	8	0		20.43	20.48	20.60		
3	8	4		20.43	20.55	20.69		
3	8	7		20.42	20.51	20.64		
3	15	0		20.38	20.43	20.57		
3	1	0	64-QAM	20.60	20.58	20.69	22.17	0.1648
3	1	8		20.42	20.62	20.54		
3	1	14		20.63	20.62	20.61		
3	8	0		19.45	19.60	19.60		
3	8	4		19.52	19.55	19.62		
3	8	7		19.43	19.55	19.66		
3	15	0		19.40	19.56	19.53		
3	1	0	256-QAM	17.60	17.48	17.39	19.13	0.0818
3	1	8		17.62	17.59	17.41		
3	1	14		17.48	17.42	17.48		
3	8	0		17.63	17.48	17.49		
3	8	4		17.49	17.50	17.53		
3	8	7		17.65	17.48	17.40		
3	15	0		17.50	17.49	17.50		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.48 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	22.26	22.31	22.53	24.11	0.2576
1.4	1	3		22.29	22.46	22.63		
1.4	1	5		22.21	22.45	22.53		
1.4	3	0		22.25	22.38	22.57		
1.4	3	1		22.30	22.49	22.61		
1.4	3	3		22.28	22.46	22.57		
1.4	6	0		21.38	21.49	21.61		
1.4	1	0	16-QAM	21.56	21.67	21.85	23.42	0.2198
1.4	1	3		21.65	21.80	21.94		
1.4	1	5		21.59	21.75	21.86		
1.4	3	0		21.36	21.43	21.65		
1.4	3	1		21.43	21.56	21.71		
1.4	3	3		21.35	21.54	21.65		
1.4	6	0		20.44	20.60	20.69		
1.4	1	0	64-QAM	20.51	20.60	20.79	22.34	0.1714
1.4	1	3		20.59	20.75	20.86		
1.4	1	5		20.51	20.67	20.80		
1.4	3	0		20.47	20.61	20.77		
1.4	3	1		20.54	20.70	20.81		
1.4	3	3		20.49	20.66	20.78		
1.4	6	0		19.38	19.53	19.64		
1.4	1	0	256-QAM	17.54	17.47	17.40	19.10	0.0813
1.4	1	3		17.61	17.53	17.47		
1.4	1	5		17.51	17.48	17.50		
1.4	3	0		17.62	17.51	17.49		
1.4	3	1		17.46	17.47	17.51		
1.4	3	3		17.59	17.48	17.38		
1.4	6	0		17.47	17.50	17.48		
Limit	EIRP < 1W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -0.09 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	22.35	22.26	22.19	20.11	0.1026
10	1	25		22.25	22.18	22.15		
10	1	49		22.24	22.16	22.13		
10	25	0		21.40	21.31	21.32		
10	25	12		21.46	21.38	21.32		
10	25	25		21.40	21.34	21.31		
10	50	0		21.46	21.38	21.27		
10	1	0	16-QAM	21.75	21.66	21.57	19.51	0.0893
10	1	25		21.66	21.56	21.58		
10	1	49		21.63	21.54	21.50		
10	25	0		20.36	20.31	20.30		
10	25	12		20.47	20.39	20.30		
10	25	25		20.42	20.36	20.30		
10	50	0		20.46	20.37	20.31		
10	1	0	64-QAM	20.58	20.50	20.48	18.38	0.0689
10	1	25		20.62	20.49	20.48		
10	1	49		20.52	20.40	20.31		
10	25	0		19.45	19.35	19.35		
10	25	12		19.53	19.43	19.35		
10	25	25		19.45	19.36	19.35		
10	50	0		19.49	19.37	19.35		
10	1	0	256-QAM	17.57	17.49	17.41	15.42	0.0348
10	1	25		17.66	17.59	17.46		
10	1	49		17.51	17.48	17.52		
10	25	0		17.63	17.48	17.51		
10	25	12		17.48	17.48	17.50		
10	25	25		17.65	17.55	17.39		
10	50	0		17.53	17.53	17.53		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -0.09 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	22.23	22.16	22.06	19.99	0.0998
5	1	12		22.23	22.14	22.05		
5	1	24		22.16	22.08	22.08		
5	12	0		21.33	21.28	21.27		
5	12	7		21.41	21.25	21.23		
5	12	13		21.37	21.25	21.28		
5	25	0		21.38	21.32	21.24		
5	1	0	16-QAM	21.61	21.60	21.50	19.38	0.0867
5	1	12		21.55	21.46	21.47		
5	1	24		21.62	21.46	21.35		
5	12	0		20.22	20.25	20.19		
5	12	7		20.36	20.29	20.25		
5	12	13		20.36	20.23	20.22		
5	25	0		20.33	20.28	20.22		
5	1	0	64-QAM	20.56	20.38	20.43	18.32	0.0679
5	1	12		20.53	20.38	20.47		
5	1	24		20.46	20.38	20.18		
5	12	0		19.32	19.32	19.25		
5	12	7		19.43	19.35	19.27		
5	12	13		19.39	19.22	19.21		
5	25	0		19.42	19.30	19.29		
5	1	0	256-QAM	17.51	17.48	17.36	15.41	0.0348
5	1	12		17.65	17.54	17.40		
5	1	24		17.48	17.45	17.50		
5	12	0		17.60	17.46	17.48		
5	12	7		17.46	17.45	17.46		
5	12	13		17.61	17.50	17.34		
5	25	0		17.50	17.52	17.48		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -0.09 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	22.27	22.21	22.16	20.03	0.1007
3	1	8		22.22	22.09	22.02		
3	1	14		22.18	22.05	22.01		
3	8	0		21.27	21.24	21.28		
3	8	4		21.35	21.27	21.29		
3	8	7		21.38	21.27	21.28		
3	15	0		21.38	21.25	21.21		
3	1	0	16-QAM	21.73	21.62	21.52	19.49	0.0889
3	1	8		21.56	21.46	21.47		
3	1	14		21.54	21.48	21.47		
3	8	0		20.23	20.18	20.20		
3	8	4		20.46	20.37	20.26		
3	8	7		20.28	20.30	20.24		
3	15	0		20.42	20.27	20.28		
3	1	0	64-QAM	20.47	20.44	20.39	18.28	0.0673
3	1	8		20.52	20.37	20.37		
3	1	14		20.40	20.26	20.28		
3	8	0		19.34	19.27	19.27		
3	8	4		19.45	19.36	19.29		
3	8	7		19.41	19.28	19.30		
3	15	0		19.41	19.32	19.20		
3	1	0	256-QAM	17.55	17.43	17.36	15.40	0.0347
3	1	8		17.63	17.54	17.43		
3	1	14		17.46	17.46	17.50		
3	8	0		17.62	17.43	17.46		
3	8	4		17.46	17.44	17.44		
3	8	7		17.64	17.49	17.33		
3	15	0		17.50	17.48	17.51		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -0.09 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	22.34	22.21	22.15	20.14	0.1033
1.4	1	3		22.38	22.26	22.19		
1.4	1	5		22.26	22.11	22.06		
1.4	3	0		22.37	22.23	22.15		
1.4	3	1		22.38	22.24	22.18		
1.4	3	3		22.34	22.22	22.13		
1.4	6	0		21.38	21.26	21.23		
1.4	1	0	16-QAM	21.66	21.51	21.44	19.46	0.0883
1.4	1	3		21.70	21.60	21.50		
1.4	1	5		21.60	21.46	21.38		
1.4	3	0		21.44	21.35	21.24		
1.4	3	1		21.48	21.35	21.26		
1.4	3	3		21.39	21.25	21.22		
1.4	6	0		20.47	20.39	20.28		
1.4	1	0	64-QAM	20.58	20.47	20.38	18.38	0.0689
1.4	1	3		20.62	20.51	20.41		
1.4	1	5		20.54	20.43	20.34		
1.4	3	0		20.55	20.45	20.39		
1.4	3	1		20.60	20.44	20.40		
1.4	3	3		20.51	20.38	20.34		
1.4	6	0		19.47	19.28	19.24		
1.4	1	0	256-QAM	17.51	17.43	17.39	15.40	0.0347
1.4	1	3		17.64	17.53	17.45		
1.4	1	5		17.50	17.44	17.50		
1.4	3	0		17.58	17.46	17.50		
1.4	3	1		17.43	17.47	17.46		
1.4	3	3		17.63	17.53	17.37		
1.4	6	0		17.52	17.48	17.49		
Limit	ERP < 7W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.97 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.90	22.77	22.80	24.87	0.3069
20	1	49		22.89	22.69	22.79		
20	1	99		22.65	22.75	22.79		
20	50	0		22.08	21.90	21.96		
20	50	24		22.04	21.87	21.87		
20	50	50		22.02	21.86	21.95		
20	100	0		22.02	21.83	21.85		
20	1	0	16-QAM	22.20	21.98	22.09	24.22	0.2642
20	1	49		22.25	22.07	22.15		
20	1	99		21.75	22.14	22.19		
20	50	0		20.99	20.75	20.83		
20	50	24		21.06	20.88	20.87		
20	50	50		21.04	20.89	20.97		
20	100	0		21.02	20.84	20.86		
20	1	0	64-QAM	21.11	20.84	20.89	23.10	0.2042
20	1	49		21.13	20.94	20.70		
20	1	99		19.72	20.97	21.09		
20	50	0		20.04	19.77	19.84		
20	50	24		20.07	19.88	19.91		
20	50	50		20.06	19.90	19.99		
20	100	0		20.05	19.87	19.88		
20	1	0	256-QAM	17.74	17.44	17.36	19.80	0.0955
20	1	49		17.80	17.57	17.43		
20	1	99		17.64	17.47	17.48		
20	50	0		17.78	17.47	17.48		
20	50	24		17.61	17.44	17.45		
20	50	50		17.83	17.50	17.35		
20	100	0		17.69	17.49	17.50		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.97 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.91	22.72	22.79	24.91	0.3097
15	1	37		22.92	22.71	22.83		
15	1	74		22.94	22.79	22.87		
15	36	0		22.03	21.73	21.88		
15	36	20		22.05	21.88	21.91		
15	36	39		22.05	21.87	21.97		
15	75	0		22.04	21.86	21.88		
15	1	0	16-QAM	22.24	22.02	22.12	24.22	0.2642
15	1	37		22.25	22.10	22.18		
15	1	74		22.25	22.13	22.20		
15	36	0		21.02	20.77	20.86		
15	36	20		21.03	20.88	20.91		
15	36	39		21.05	20.89	20.96		
15	75	0		21.04	20.85	20.88		
15	1	0	64-QAM	21.14	20.89	20.98	23.14	0.2061
15	1	37		21.17	20.94	21.11		
15	1	74		21.16	21.02	21.09		
15	36	0		20.05	19.79	19.90		
15	36	20		20.08	19.89	19.94		
15	36	39		20.09	19.93	19.99		
15	75	0		20.06	19.87	19.90		
15	1	0	256-QAM	17.74	17.44	17.35	19.76	0.0946
15	1	37		17.79	17.56	17.43		
15	1	74		17.67	17.43	17.46		
15	36	0		17.76	17.47	17.46		
15	36	20		17.66	17.46	17.45		
15	36	39		17.79	17.49	17.35		
15	75	0		17.69	17.50	17.49		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.97 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.74	22.53	22.65	24.74	0.2979
10	1	25		22.77	22.59	22.74		
10	1	49		22.63	22.62	22.76		
10	25	0		21.93	21.65	21.72		
10	25	12		22.00	21.78	21.73		
10	25	25		21.93	21.82	21.83		
10	50	0		21.93	21.82	21.75		
10	1	0	16-QAM	22.14	21.96	21.98	24.15	0.2600
10	1	25		22.10	21.96	22.02		
10	1	49		21.71	22.10	22.18		
10	25	0		20.86	20.70	20.76		
10	25	12		21.00	20.78	20.82		
10	25	25		21.02	20.84	20.92		
10	50	0		20.96	20.81	20.77		
10	1	0	64-QAM	20.99	20.70	20.83	23.07	0.2028
10	1	25		21.10	20.80	20.67		
10	1	49		19.58	20.90	21.04		
10	25	0		20.00	19.75	19.81		
10	25	12		19.93	19.76	19.82		
10	25	25		19.96	19.76	19.87		
10	50	0		20.02	19.76	19.86		
10	1	0	256-QAM	17.71	17.39	17.34	19.77	0.0948
10	1	25		17.78	17.54	17.39		
10	1	49		17.62	17.42	17.44		
10	25	0		17.77	17.42	17.44		
10	25	12		17.59	17.40	17.44		
10	25	25		17.80	17.49	17.30		
10	50	0		17.67	17.46	17.46		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.97 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.73	22.61	22.62	24.80	0.3020
5	1	12		22.83	22.60	22.77		
5	1	24		22.64	22.71	22.73		
5	12	0		21.93	21.69	21.71		
5	12	7		21.96	21.81	21.76		
5	12	13		21.96	21.84	21.87		
5	25	0		21.89	21.68	21.79		
5	1	0	16-QAM	22.18	21.87	22.01	24.21	0.2636
5	1	12		22.24	22.03	22.03		
5	1	24		21.66	22.13	22.08		
5	12	0		20.91	20.70	20.77		
5	12	7		21.00	20.86	20.75		
5	12	13		20.95	20.80	20.83		
5	25	0		20.95	20.79	20.74		
5	1	0	64-QAM	21.06	20.71	20.80	23.03	0.2009
5	1	12		20.98	20.88	20.56		
5	1	24		19.66	20.85	21.03		
5	12	0		19.93	19.72	19.70		
5	12	7		19.98	19.82	19.88		
5	12	13		19.98	19.88	19.86		
5	25	0		20.00	19.81	19.77		
5	1	0	256-QAM	17.73	17.40	17.32	19.76	0.0946
5	1	12		17.76	17.56	17.42		
5	1	24		17.61	17.46	17.45		
5	12	0		17.73	17.43	17.46		
5	12	7		17.56	17.40	17.42		
5	12	13		17.79	17.48	17.33		
5	25	0		17.66	17.44	17.49		
Limit	EIRP < 2W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 0.26 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	22.70	22.79	22.78	20.90	0.1230
10	1	25		22.69	22.78	22.74		
10	1	49		22.70	22.76	22.74		
10	25	0		21.97	21.98	21.96		
10	25	12		21.92	21.92	21.90		
10	25	25		21.96	21.97	21.95		
10	50	0		21.90	21.89	21.90		
10	1	0	16-QAM	21.90	21.99	22.09	20.34	0.1081
10	1	25		22.08	22.12	22.18		
10	1	49		22.23	22.17	22.19		
10	25	0		20.75	20.91	20.93		
10	25	12		20.95	20.93	20.91		
10	25	25		20.96	20.96	20.95		
10	50	0		20.93	20.91	20.90		
10	1	0	64-QAM	20.77	20.84	20.97	19.24	0.0839
10	1	25		21.01	21.10	21.06		
10	1	49		21.13	21.05	21.09		
10	25	0		19.79	19.92	19.94		
10	25	12		19.96	19.95	19.95		
10	25	25		19.99	19.98	19.99		
10	50	0		19.94	19.93	19.92		
10	1	0	256-QAM	17.61	17.56	17.46	15.83	0.0383
10	1	25		17.71	17.65	17.50		
10	1	49		17.60	17.52	17.61		
10	25	0		17.72	17.52	17.57		
10	25	12		17.54	17.55	17.57		
10	25	25		17.70	17.63	17.47		
10	50	0		17.57	17.57	17.58		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 0.26 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	22.42	22.51	22.65	20.83	0.1211
5	1	12		22.59	22.72	22.72		
5	1	24		22.70	22.65	22.60		
5	12	0		21.67	21.77	21.87		
5	12	7		21.77	21.83	21.83		
5	12	13		21.92	21.87	21.83		
5	25	0		21.80	21.83	21.79		
5	1	0	16-QAM	21.81	21.90	22.03	20.24	0.1057
5	1	12		21.96	22.04	22.13		
5	1	24		22.12	22.05	22.06		
5	12	0		20.74	20.76	20.83		
5	12	7		20.90	20.88	20.77		
5	12	13		20.85	20.85	20.92		
5	25	0		20.90	20.78	20.82		
5	1	0	64-QAM	20.68	20.80	20.96	19.16	0.0824
5	1	12		20.89	21.03	20.94		
5	1	24		21.05	21.03	21.01		
5	12	0		19.67	19.90	19.86		
5	12	7		19.85	19.91	19.89		
5	12	13		19.96	19.92	19.91		
5	25	0		19.84	19.78	19.87		
5	1	0	256-QAM	17.56	17.50	17.40	15.78	0.0378
5	1	12		17.65	17.60	17.49		
5	1	24		17.55	17.46	17.58		
5	12	0		17.67	17.47	17.52		
5	12	7		17.51	17.51	17.53		
5	12	13		17.67	17.57	17.42		
5	25	0		17.52	17.51	17.53		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 0.26 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	22.41	22.54	22.68	20.83	0.1211
3	1	8		22.54	22.68	22.72		
3	1	14		22.69	22.67	22.61		
3	8	0		21.68	21.77	21.88		
3	8	4		21.84	21.81	21.87		
3	8	7		21.92	21.88	21.82		
3	15	0		21.83	21.80	21.83		
3	1	0	16-QAM	21.76	21.87	22.04	20.28	0.1067
3	1	8		22.04	21.99	22.14		
3	1	14		22.15	22.14	22.17		
3	8	0		20.62	20.80	20.79		
3	8	4		20.87	20.79	20.90		
3	8	7		20.90	20.81	20.83		
3	15	0		20.81	20.77	20.77		
3	1	0	64-QAM	20.66	20.72	20.87	19.17	0.0826
3	1	8		20.86	21.03	20.95		
3	1	14		21.01	20.98	21.06		
3	8	0		19.76	19.81	19.81		
3	8	4		19.83	19.90	19.93		
3	8	7		19.90	19.96	19.85		
3	15	0		19.80	19.91	19.82		
3	1	0	256-QAM	17.59	17.52	17.44	15.82	0.0382
3	1	8		17.66	17.61	17.47		
3	1	14		17.55	17.46	17.60		
3	8	0		17.71	17.49	17.53		
3	8	4		17.49	17.52	17.53		
3	8	7		17.65	17.62	17.41		
3	15	0		17.52	17.51	17.55		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 0.26 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	22.54	22.72	22.73	20.97	0.1250
1.4	1	3		22.63	22.83	22.73		
1.4	1	5		22.59	22.74	22.68		
1.4	3	0		22.57	22.73	22.72		
1.4	3	1		22.67	22.86	22.76		
1.4	3	3		22.61	22.82	22.66		
1.4	6	0		21.68	21.87	21.81		
1.4	1	0	16-QAM	21.85	22.04	22.01	20.26	0.1062
1.4	1	3		21.98	22.15	22.08		
1.4	1	5		21.91	22.09	21.98		
1.4	3	0		21.66	21.86	21.81		
1.4	3	1		21.75	21.95	21.85		
1.4	3	3		21.69	21.87	21.77		
1.4	6	0		20.73	20.96	20.86		
1.4	1	0	64-QAM	20.76	20.99	20.95	19.20	0.0832
1.4	1	3		20.91	21.09	21.02		
1.4	1	5		20.83	21.05	20.91		
1.4	3	0		20.75	20.94	20.92		
1.4	3	1		20.87	21.03	20.95		
1.4	3	3		20.79	21.00	20.89		
1.4	6	0		19.70	19.88	19.81		
1.4	1	0	256-QAM	17.55	17.55	17.40	15.81	0.0381
1.4	1	3		17.70	17.62	17.49		
1.4	1	5		17.56	17.51	17.56		
1.4	3	0		17.67	17.49	17.56		
1.4	3	1		17.50	17.50	17.53		
1.4	3	3		17.69	17.59	17.45		
1.4	6	0		17.53	17.53	17.56		
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = 0.11 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	22.17	-	20.13	0.1030
10	1	25		-	22.13	-		
10	1	49		-	22.11	-		
10	25	0		-	21.25	-		
10	25	12		-	21.22	-		
10	25	25		-	21.22	-		
10	50	0		-	21.25	-		
10	1	0	16-QAM	-	21.00	-	19.19	0.0830
10	1	25		-	21.22	-		
10	1	49		-	21.23	-		
10	25	0		-	20.46	-		
10	25	12		-	20.40	-		
10	25	25		-	20.32	-		
10	50	0		-	20.31	-		
10	1	0	64-QAM	-	20.25	-	18.56	0.0718
10	1	25		-	20.60	-		
10	1	49		-	20.29	-		
10	25	0		-	19.33	-		
10	25	12		-	19.55	-		
10	25	25		-	19.29	-		
10	50	0		-	19.20	-		
10	1	0	256-QAM	-	17.22	-	15.26	0.0336
10	1	25		-	17.30	-		
10	1	49		-	17.19	-		
10	25	0		-	17.15	-		
10	25	12		-	17.19	-		
10	25	25		-	17.29	-		
10	50	0		-	17.21	-		
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = 0.11 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	22.04	22.09	22.03	20.05	0.1012
5	1	12		22.05	22.04	22.02		
5	1	24		22.02	22.06	22.00		
5	12	0		21.16	21.16	21.17		
5	12	7		21.09	21.16	21.16		
5	12	13		21.13	21.08	21.10		
5	25	0		21.21	21.17	21.17		
5	1	0	16-QAM	21.01	21.02	21.11	19.12	0.0817
5	1	12		21.15	21.11	21.13		
5	1	24		21.16	21.15	21.15		
5	12	0		20.37	20.37	20.35		
5	12	7		20.29	20.29	20.36		
5	12	13		20.25	20.26	20.25		
5	25	0		20.21	20.21	20.22		
5	1	0	64-QAM	20.16	20.12	20.12	18.49	0.0706
5	1	12		20.51	20.53	20.52		
5	1	24		20.22	20.20	20.21		
5	12	0		19.26	19.29	19.24		
5	12	7		19.49	19.46	19.45		
5	12	13		19.21	19.21	19.18		
5	25	0		19.08	19.07	19.10		
5	1	0	256-QAM	17.35	17.27	17.18	15.41	0.0348
5	1	12		17.45	17.41	17.25		
5	1	24		17.36	17.28	17.37		
5	12	0		17.43	17.26	17.31		
5	12	7		17.29	17.28	17.28		
5	12	13		17.42	17.35	17.22		
5	25	0		17.28	17.29	17.33		
Limit	ERP < 3W			Result			Pass	

LTE Band 14 Maximum Average Power [dBm] (GT - LC = -0.57 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	22.30	-	19.58	0.0908
10	1	25		-	22.29	-		
10	1	49		-	22.27	-		
10	25	0		-	21.40	-		
10	25	12		-	21.34	-		
10	25	25		-	21.33	-		
10	50	0		-	21.33	-		
10	1	0	16-QAM	-	21.67	-	18.95	0.0785
10	1	25		-	21.67	-		
10	1	49		-	21.66	-		
10	25	0		-	20.32	-		
10	25	12		-	20.33	-		
10	25	25		-	20.38	-		
10	50	0		-	20.36	-		
10	1	0	64-QAM	-	20.48	-	17.89	0.0615
10	1	25		-	20.61	-		
10	1	49		-	20.57	-		
10	25	0		-	19.37	-		
10	25	12		-	19.40	-		
10	25	25		-	19.42	-		
10	50	0		-	19.36	-		
10	1	0	256-QAM	-	17.42	-	14.81	0.0303
10	1	25		-	17.52	-		
10	1	49		-	17.41	-		
10	25	0		-	17.53	-		
10	25	12		-	17.35	-		
10	25	25		-	17.51	-		
10	50	0		-	17.38	-		
Limit	ERP < 3W			Result			Pass	

LTE Band 14 Maximum Average Power [dBm] (GT - LC = -0.57 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	22.12	22.14	22.12	19.51	0.0893
5	1	12		22.23	22.22	22.18		
5	1	24		22.18	22.12	22.15		
5	12	0		21.19	21.18	21.22		
5	12	7		21.28	21.26	21.24		
5	12	13		21.32	21.32	21.26		
5	25	0		21.26	21.18	21.19		
5	1	0	16-QAM	21.59	21.52	21.62	18.90	0.0776
5	1	12		21.57	21.56	21.59		
5	1	24		21.59	21.52	21.57		
5	12	0		20.27	20.24	20.20		
5	12	7		20.28	20.21	20.26		
5	12	13		20.28	20.30	20.30		
5	25	0		20.23	20.30	20.31		
5	1	0	64-QAM	20.35	20.40	20.42	17.83	0.0607
5	1	12		20.55	20.48	20.54		
5	1	24		20.47	20.50	20.47		
5	12	0		19.32	19.28	19.29		
5	12	7		19.25	19.28	19.26		
5	12	13		19.34	19.35	19.27		
5	25	0		19.27	19.27	19.24		
5	1	0	256-QAM	17.35	17.49	17.39	14.86	0.0306
5	1	12		17.45	17.58	17.43		
5	1	24		17.34	17.45	17.54		
5	12	0		17.46	17.45	17.50		
5	12	7		17.28	17.48	17.50		
5	12	13		17.44	17.56	17.40		
5	25	0		17.31	17.50	17.51		
Limit	ERP < 3W			Result			Pass	

LTE Band 17 Maximum Average Power [dBm] (GT - LC = 0.26 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	22.80	22.81	22.78	20.92	0.1236
10	1	25		22.79	22.77	22.77		
10	1	49		22.79	22.71	22.77		
10	25	0		21.82	21.82	21.82		
10	25	12		21.99	21.99	21.96		
10	25	25		21.99	21.98	21.96		
10	50	0		21.90	21.88	21.87		
10	1	0	16-QAM	22.06	22.09	22.06	20.30	0.1072
10	1	25		22.14	22.16	22.17		
10	1	49		22.19	22.19	22.16		
10	25	0		20.84	20.84	20.85		
10	25	12		20.92	20.88	20.98		
10	25	25		21.01	20.93	20.95		
10	50	0		20.89	20.85	20.89		
10	1	0	64-QAM	20.93	20.92	20.94	19.23	0.0838
10	1	25		21.12	21.09	21.09		
10	1	49		21.10	21.04	21.07		
10	25	0		19.86	19.87	19.87		
10	25	12		19.95	19.93	20.01		
10	25	25		20.01	20.00	20.00		
10	50	0		19.94	19.91	19.90		
10	1	0	256-QAM	17.69	17.83	17.76	16.04	0.0402
10	1	25		17.72	17.93	17.75		
10	1	49		17.64	17.80	17.88		
10	25	0		17.81	17.76	17.80		
10	25	12		17.64	17.80	17.83		
10	25	25		17.80	17.83	17.68		
10	50	0		17.68	17.83	17.84		
Limit	ERP < 3W			Result			Pass	

LTE Band 17 Maximum Average Power [dBm] (GT - LC = 0.26 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	22.59	22.68	22.57	20.87	0.1222
5	1	12		22.76	22.62	22.67		
5	1	24		22.71	22.76	22.75		
5	12	0		21.77	21.67	21.71		
5	12	7		21.81	21.74	21.90		
5	12	13		21.86	21.88	21.82		
5	25	0		21.81	21.76	21.79		
5	1	0	16-QAM	22.00	22.07	21.92	20.26	0.1062
5	1	12		22.05	22.02	22.08		
5	1	24		22.15	22.13	22.02		
5	12	0		20.76	20.78	20.74		
5	12	7		20.85	20.78	20.88		
5	12	13		20.90	20.88	20.85		
5	25	0		20.77	20.81	20.78		
5	1	0	64-QAM	20.88	20.83	20.88	19.16	0.0824
5	1	12		21.05	20.99	21.04		
5	1	24		20.99	21.01	21.03		
5	12	0		19.79	19.75	19.75		
5	12	7		19.81	19.79	19.97		
5	12	13		19.97	19.91	19.94		
5	25	0		19.91	19.86	19.78		
5	1	0	256-QAM	17.49	17.65	17.65	15.93	0.0392
5	1	12		17.52	17.82	17.62		
5	1	24		17.47	17.69	17.72		
5	12	0		17.70	17.65	17.64		
5	12	7		17.49	17.60	17.69		
5	12	13		17.70	17.72	17.57		
5	25	0		17.58	17.70	17.66		
Limit	ERP < 3W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.99 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.53	22.41	22.43	24.52	0.2831
20	1	49		22.47	22.41	22.41		
20	1	99		22.38	22.36	22.34		
20	50	0		21.66	21.60	21.48		
20	50	24		21.62	21.57	21.49		
20	50	50		21.55	21.52	21.54		
20	100	0		21.62	21.54	21.49		
20	1	0	16-QAM	21.90	21.77	21.77	23.89	0.2449
20	1	49		21.79	21.76	21.75		
20	1	99		21.72	21.66	21.73		
20	50	0		20.57	20.50	20.49		
20	50	24		20.64	20.56	20.50		
20	50	50		20.58	20.53	20.56		
20	100	0		20.61	20.54	20.49		
20	1	0	64-QAM	20.71	20.61	20.61	22.70	0.1862
20	1	49		20.68	20.65	20.62		
20	1	99		20.58	20.61	20.58		
20	50	0		19.61	19.53	19.52		
20	50	24		19.68	19.59	19.53		
20	50	50		19.60	19.53	19.57		
20	100	0		19.62	19.58	19.52		
20	1	0	256-QAM	17.57	17.51	17.46	19.59	0.0910
20	1	49		17.60	17.50	17.44		
20	1	99		17.57	17.50	17.55		
20	50	0		17.55	17.51	17.45		
20	50	24		17.54	17.47	17.44		
20	50	50		17.60	17.50	17.45		
20	100	0		17.52	17.45	17.49		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.99 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.52	22.44	22.44	24.51	0.2825
15	1	37		22.48	22.43	22.42		
15	1	74		22.45	22.41	22.40		
15	36	0		21.68	21.52	21.50		
15	36	20		21.64	21.60	21.58		
15	36	39		21.56	21.51	21.54		
15	75	0		21.63	21.55	21.47		
15	1	0	16-QAM	21.84	21.77	21.76	23.83	0.2415
15	1	37		21.79	21.75	21.77		
15	1	74		21.74	21.74	21.71		
15	36	0		20.67	20.52	20.51		
15	36	20		20.65	20.57	20.59		
15	36	39		20.57	20.51	20.51		
15	75	0		20.62	20.58	20.48		
15	1	0	64-QAM	20.72	20.62	20.63	22.74	0.1879
15	1	37		20.75	20.69	20.66		
15	1	74		20.66	20.65	20.63		
15	36	0		19.68	19.56	19.54		
15	36	20		19.67	19.59	19.60		
15	36	39		19.64	19.56	19.60		
15	75	0		19.61	19.58	19.49		
15	1	0	256-QAM	17.58	17.44	17.50	19.61	0.0914
15	1	37		17.61	17.50	17.48		
15	1	74		17.52	17.49	17.49		
15	36	0		17.54	17.52	17.48		
15	36	20		17.58	17.44	17.48		
15	36	39		17.62	17.50	17.48		
15	75	0		17.58	17.47	17.48		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.99 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.49	22.27	22.41	24.48	0.2805
10	1	25		22.38	22.35	22.30		
10	1	49		22.25	22.22	22.27		
10	25	0		21.41	21.48	21.34		
10	25	12		21.57	21.48	21.34		
10	25	25		21.52	21.49	21.43		
10	50	0		21.54	21.48	21.43		
10	1	0	16-QAM	21.80	21.68	21.74	23.79	0.2393
10	1	25		21.64	21.73	21.67		
10	1	49		21.61	21.61	21.68		
10	25	0		20.49	20.49	20.46		
10	25	12		20.50	20.43	20.41		
10	25	25		20.49	20.45	20.53		
10	50	0		20.56	20.48	20.38		
10	1	0	64-QAM	20.60	20.48	20.50	22.62	0.1828
10	1	25		20.62	20.63	20.53		
10	1	49		20.48	20.46	20.54		
10	25	0		19.49	19.46	19.40		
10	25	12		19.61	19.49	19.39		
10	25	25		19.49	19.47	19.49		
10	50	0		19.58	19.49	19.41		
10	1	0	256-QAM	17.57	17.47	17.44	19.63	0.0918
10	1	25		17.59	17.55	17.45		
10	1	49		17.56	17.50	17.51		
10	25	0		17.53	17.53	17.48		
10	25	12		17.54	17.48	17.47		
10	25	25		17.64	17.55	17.44		
10	50	0		17.55	17.44	17.48		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.99 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.46	22.37	22.39	24.45	0.2786
5	1	12		22.32	22.39	22.37		
5	1	24		22.24	22.25	22.20		
5	12	0		21.51	21.43	21.33		
5	12	7		21.57	21.55	21.46		
5	12	13		21.48	21.44	21.45		
5	25	0		21.48	21.49	21.45		
5	1	0	16-QAM	21.76	21.71	21.64	23.76	0.2377
5	1	12		21.77	21.74	21.68		
5	1	24		21.64	21.57	21.66		
5	12	0		20.48	20.40	20.35		
5	12	7		20.63	20.52	20.42		
5	12	13		20.52	20.45	20.48		
5	25	0		20.58	20.43	20.37		
5	1	0	64-QAM	20.67	20.47	20.54	22.66	0.1845
5	1	12		20.63	20.55	20.49		
5	1	24		20.54	20.53	20.55		
5	12	0		19.47	19.43	19.41		
5	12	7		19.59	19.54	19.44		
5	12	13		19.51	19.42	19.53		
5	25	0		19.50	19.53	19.43		
5	1	0	256-QAM	17.59	17.49	17.47	19.64	0.0920
5	1	12		17.65	17.56	17.49		
5	1	24		17.55	17.50	17.55		
5	12	0		17.58	17.50	17.45		
5	12	7		17.53	17.44	17.44		
5	12	13		17.62	17.51	17.51		
5	25	0		17.53	17.51	17.49		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.99 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	22.48	22.33	22.34	24.47	0.2799
3	1	8		22.46	22.38	22.32		
3	1	14		22.36	22.29	22.24		
3	8	0		21.42	21.36	21.39		
3	8	4		21.61	21.42	21.41		
3	8	7		21.52	21.45	21.52		
3	15	0		21.55	21.40	21.43		
3	1	0	16-QAM	21.77	21.67	21.69	23.76	0.2377
3	1	8		21.66	21.66	21.66		
3	1	14		21.64	21.64	21.71		
3	8	0		20.50	20.38	20.36		
3	8	4		20.61	20.46	20.43		
3	8	7		20.47	20.44	20.48		
3	15	0		20.58	20.50	20.39		
3	1	0	64-QAM	20.63	20.51	20.48	22.62	0.1828
3	1	8		20.60	20.55	20.51		
3	1	14		20.54	20.50	20.46		
3	8	0		19.57	19.45	19.44		
3	8	4		19.65	19.50	19.39		
3	8	7		19.58	19.42	19.52		
3	15	0		19.54	19.55	19.48		
3	1	0	256-QAM	17.61	17.53	17.52	19.67	0.0927
3	1	8		17.68	17.59	17.53		
3	1	14		17.60	17.53	17.57		
3	8	0		17.62	17.58	17.52		
3	8	4		17.61	17.53	17.52		
3	8	7		17.68	17.59	17.53		
3	15	0		17.60	17.53	17.57		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.99 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	22.39	22.27	22.22	24.47	0.2799
1.4	1	3		22.48	22.39	22.34		
1.4	1	5		22.46	22.35	22.33		
1.4	3	0		22.43	22.31	22.27		
1.4	3	1		22.48	22.41	22.34		
1.4	3	3		22.48	22.38	22.31		
1.4	6	0		21.53	21.41	21.38		
1.4	1	0	16-QAM	21.69	21.62	21.60	23.81	0.2404
1.4	1	3		21.82	21.71	21.67		
1.4	1	5		21.77	21.70	21.68		
1.4	3	0		21.52	21.44	21.36		
1.4	3	1		21.57	21.51	21.44		
1.4	3	3		21.54	21.48	21.41		
1.4	6	0		20.59	20.48	20.46		
1.4	1	0	64-QAM	20.68	20.55	20.50	22.77	0.1892
1.4	1	3		20.78	20.67	20.64		
1.4	1	5		20.73	20.63	20.57		
1.4	3	0		20.65	20.55	20.48		
1.4	3	1		20.72	20.60	20.55		
1.4	3	3		20.68	20.56	20.55		
1.4	6	0		19.56	19.44	19.43		
1.4	1	0	256-QAM	17.54	17.50	17.45	19.64	0.0920
1.4	1	3		17.60	17.57	17.48		
1.4	1	5		17.51	17.49	17.53		
1.4	3	0		17.54	17.50	17.43		
1.4	3	1		17.55	17.49	17.50		
1.4	3	3		17.65	17.53	17.50		
1.4	6	0		17.57	17.46	17.53		
Limit	EIRP < 2W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.09 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	22.36	22.24	22.25	20.22	0.1052
15	1	37		22.25	22.46	22.15		
15	1	74		22.16	22.08	22.02		
15	36	0		21.39	21.50	21.28		
15	36	20		21.39	21.52	21.22		
15	36	39		21.35	21.35	21.25		
15	75	0		21.42	21.60	21.26		
15	1	0	16-QAM	21.68	21.70	21.59	19.59	0.0910
15	1	37		21.59	21.83	21.50		
15	1	74		21.47	21.52	21.33		
15	36	0		20.41	20.62	20.30		
15	36	20		20.43	20.37	20.23		
15	36	39		20.36	20.51	20.25		
15	75	0		20.41	20.64	20.26		
15	1	0	64-QAM	20.53	20.13	20.44	18.49	0.0706
15	1	37		20.52	20.73	20.31		
15	1	74		20.39	20.08	20.00		
15	36	0		19.44	18.97	19.33		
15	36	20		19.43	19.59	19.29		
15	36	39		19.42	19.61	19.06		
15	75	0		19.43	19.39	19.27		
15	1	0	256-QAM	17.53	17.22	17.47	15.46	0.0352
15	1	37		17.51	17.67	17.32		
15	1	74		17.38	17.21	17.01		
15	36	0		17.40	17.29	17.31		
15	36	20		17.40	17.54	17.29		
15	36	39		17.41	17.70	17.02		
15	75	0		17.43	17.65	17.24		
Limit	ERP < 7W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.09 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	22.36	22.23	22.11	20.12	0.1028
10	1	25		22.27	22.23	22.06		
10	1	49		22.09	22.07	22.02		
10	25	0		21.46	21.32	21.16		
10	25	12		21.46	21.22	21.07		
10	25	25		21.26	21.18	21.10		
10	50	0		21.38	21.25	21.15		
10	1	0	16-QAM	21.63	21.61	21.49	19.48	0.0887
10	1	25		21.72	21.63	21.38		
10	1	49		21.42	21.38	21.27		
10	25	0		20.48	20.40	20.16		
10	25	12		20.50	20.46	20.13		
10	25	25		20.42	20.28	20.11		
10	50	0		20.50	20.47	20.22		
10	1	0	64-QAM	20.14	20.48	20.40	18.34	0.0682
10	1	25		20.58	20.48	20.30		
10	1	49		20.18	20.25	20.01		
10	25	0		19.14	19.41	19.29		
10	25	12		19.39	19.23	19.16		
10	25	25		19.47	19.38	19.03		
10	50	0		19.36	19.26	19.23		
10	1	0	256-QAM	17.16	17.61	17.44	15.44	0.0350
10	1	25		17.68	17.56	17.32		
10	1	49		17.12	17.41	17.11		
10	25	0		17.10	17.48	17.33		
10	25	12		17.50	17.32	17.29		
10	25	25		17.43	17.39	17.03		
10	50	0		17.46	17.31	17.25		
Limit	ERP < 7W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.09 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	22.33	22.37	22.16	20.13	0.1030
5	1	12		22.15	22.28	22.12		
5	1	24		22.12	22.21	22.00		
5	12	0		21.46	21.27	21.21		
5	12	7		21.45	21.26	21.15		
5	12	13		21.32	21.14	21.21		
5	25	0		21.38	21.31	21.16		
5	1	0	16-QAM	21.71	21.48	21.49	19.47	0.0885
5	1	12		21.69	21.62	21.46		
5	1	24		21.50	21.34	21.22		
5	12	0		20.33	20.45	20.16		
5	12	7		20.50	20.40	20.16		
5	12	13		20.44	20.36	20.21		
5	25	0		20.48	20.39	20.23		
5	1	0	64-QAM	20.12	20.32	20.36	18.35	0.0684
5	1	12		20.38	20.59	20.26		
5	1	24		20.22	20.31	20.00		
5	12	0		18.92	19.35	19.30		
5	12	7		19.44	19.36	19.17		
5	12	13		19.50	19.23	19.00		
5	25	0		19.47	19.39	19.14		
5	1	0	256-QAM	17.16	17.58	17.45	15.36	0.0344
5	1	12		17.60	17.59	17.34		
5	1	24		17.24	17.44	17.03		
5	12	0		17.10	17.37	17.33		
5	12	7		17.49	17.43	17.28		
5	12	13		17.43	17.45	17.05		
5	25	0		17.51	17.49	17.24		
Limit	ERP < 7W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.09 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	22.33	22.20	22.13	20.09	0.1021
3	1	8		22.23	22.23	22.05		
3	1	14		22.19	22.02	22.00		
3	8	0		21.55	21.32	21.20		
3	8	4		21.61	21.24	21.15		
3	8	7		21.36	21.34	21.22		
3	15	0		21.48	21.29	21.22		
3	1	0	16-QAM	21.58	21.53	21.49	19.38	0.0867
3	1	8		21.62	21.36	21.37		
3	1	14		21.41	21.41	21.28		
3	8	0		20.44	20.35	20.16		
3	8	4		20.30	20.36	20.20		
3	8	7		20.28	20.29	20.21		
3	15	0		20.40	20.36	20.16		
3	1	0	64-QAM	19.98	20.53	20.34	18.29	0.0675
3	1	8		20.49	20.53	20.26		
3	1	14		20.18	20.27	20.01		
3	8	0		19.12	19.25	19.31		
3	8	4		19.39	19.31	19.18		
3	8	7		19.36	19.36	19.00		
3	15	0		19.40	19.35	19.24		
3	1	0	256-QAM	17.20	17.46	17.46	15.39	0.0346
3	1	8		17.51	17.63	17.31		
3	1	14		17.26	17.37	17.03		
3	8	0		17.08	17.40	17.30		
3	8	4		17.48	17.29	17.28		
3	8	7		17.52	17.45	17.05		
3	15	0		17.48	17.46	17.27		
Limit	ERP < 7W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.09 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	22.31	22.14	22.03	20.39	0.1094
1.4	1	3		22.43	22.35	22.13		
1.4	1	5		22.47	22.27	22.01		
1.4	3	0		22.35	22.23	22.07		
1.4	3	1		22.63	22.38	22.10		
1.4	3	3		22.44	22.12	22.02		
1.4	6	0		21.66	21.31	21.12		
1.4	1	0	16-QAM	21.78	21.63	21.36	19.63	0.0918
1.4	1	3		21.87	21.64	21.44		
1.4	1	5		21.67	21.61	21.33		
1.4	3	0		21.60	21.33	21.16		
1.4	3	1		21.57	21.47	21.17		
1.4	3	3		21.59	21.38	21.08		
1.4	6	0		20.56	20.47	20.22		
1.4	1	0	64-QAM	20.07	20.56	20.04	18.42	0.0695
1.4	1	3		20.06	20.66	20.02		
1.4	1	5		20.34	20.47	20.28		
1.4	3	0		20.24	20.51	20.25		
1.4	3	1		20.36	20.47	20.19		
1.4	3	3		20.24	20.38	20.20		
1.4	6	0		19.16	19.36	20.12		
1.4	1	0	256-QAM	17.36	17.50	17.53	15.48	0.0353
1.4	1	3		17.72	17.69	17.38		
1.4	1	5		17.35	17.43	17.10		
1.4	3	0		17.28	17.52	17.37		
1.4	3	1		17.59	17.44	17.35		
1.4	3	3		17.52	17.50	17.12		
1.4	6	0		17.64	17.57	17.34		
Limit	ERP < 7W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.09 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	22.41	-	-	20.17	0.1040
15	1	37		22.31	-	-		
15	1	74		22.23	-	-		
15	36	0		21.55	-	-		
15	36	20		21.54	-	-		
15	36	39		21.44	-	-		
15	75	0		21.52	-	-		
15	1	0	16-QAM	21.78	-	-	19.54	0.0899
15	1	37		21.68	-	-		
15	1	74		21.53	-	-		
15	36	0		20.54	-	-		
15	36	20		20.53	-	-		
15	36	39		20.47	-	-		
15	75	0		20.54	-	-		
15	1	0	64-QAM	20.17	-	-	18.36	0.0685
15	1	37		20.60	-	-		
15	1	74		20.22	-	-		
15	36	0		19.12	-	-		
15	36	20		19.55	-	-		
15	36	39		19.54	-	-		
15	75	0		19.52	-	-		
15	1	0	256-QAM	17.18	-	-	15.39	0.0346
15	1	37		17.63	-	-		
15	1	74		17.23	-	-		
15	36	0		17.11	-	-		
15	36	20		17.51	-	-		
15	36	39		17.53	-	-		
15	75	0		17.48	-	-		
Limit	ERP < 100W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.09 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	22.26	-	20.02	0.1005
10	1	25		-	22.17	-		
10	1	49		-	22.12	-		
10	25	0		-	21.33	-		
10	25	12		-	21.31	-		
10	25	25		-	21.28	-		
10	50	0		-	21.33	-		
10	1	0	16-QAM	-	21.54	-	19.32	0.0855
10	1	25		-	21.56	-		
10	1	49		-	21.44	-		
10	25	0		-	20.40	-		
10	25	12		-	20.37	-		
10	25	25		-	20.26	-		
10	50	0		-	20.38	-		
10	1	0	64-QAM	-	20.38	-	18.18	0.0658
10	1	25		-	20.42	-		
10	1	49		-	20.26	-		
10	25	0		-	19.32	-		
10	25	12		-	19.30	-		
10	25	25		-	19.32	-		
10	50	0		-	19.29	-		
10	1	0	256-QAM	-	17.56	-	15.32	0.0340
10	1	25		-	17.53	-		
10	1	49		-	17.41	-		
10	25	0		-	17.42	-		
10	25	12		-	17.39	-		
10	25	25		-	17.41	-		
10	50	0		-	17.40	-		
Limit	ERP < 100W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.09 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	22.27	22.18	22.32	20.08	0.1019
5	1	12		22.18	22.11	22.15		
5	1	24		22.21	22.18	22.28		
5	12	0		21.36	21.43	21.27		
5	12	7		21.42	21.42	21.44		
5	12	13		21.41	21.49	21.51		
5	25	0		21.46	21.44	21.48		
5	1	0	16-QAM	21.73	21.67	21.71	19.49	0.0889
5	1	12		21.65	21.55	21.62		
5	1	24		21.50	21.43	21.51		
5	12	0		20.43	20.53	20.38		
5	12	7		20.49	20.48	20.50		
5	12	13		20.34	20.44	20.41		
5	25	0		20.47	20.51	20.42		
5	1	0	64-QAM	20.15	20.23	20.10	18.26	0.0670
5	1	12		20.47	20.50	20.44		
5	1	24		20.19	20.28	20.21		
5	12	0		19.02	19.08	19.11		
5	12	7		19.47	19.45	19.52		
5	12	13		19.45	19.48	19.50		
5	25	0		19.42	19.34	19.40		
5	1	0	256-QAM	17.18	17.15	17.11	15.40	0.0347
5	1	12		17.61	17.64	17.52		
5	1	24		17.25	17.15	17.33		
5	12	0		17.10	17.09	17.06		
5	12	7		17.51	17.61	17.47		
5	12	13		17.51	17.59	17.56		
5	25	0		17.50	17.58	17.58		
Limit	ERP < 100W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.09 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	22.29	22.31	22.26	20.10	0.1023
3	1	8		22.25	22.24	22.34		
3	1	14		22.09	22.04	22.18		
3	8	0		21.47	21.57	21.55		
3	8	4		21.53	21.54	21.45		
3	8	7		21.41	21.45	21.31		
3	15	0		21.43	21.36	21.35		
3	1	0	16-QAM	21.65	21.60	21.62	19.41	0.0873
3	1	8		21.54	21.64	21.59		
3	1	14		21.46	21.40	21.55		
3	8	0		20.50	20.44	20.58		
3	8	4		20.39	20.42	20.35		
3	8	7		20.33	20.31	20.31		
3	15	0		20.46	20.42	20.48		
3	1	0	64-QAM	20.03	20.02	20.12	18.26	0.0670
3	1	8		20.50	20.43	20.44		
3	1	14		20.09	20.06	20.08		
3	8	0		19.10	19.16	19.15		
3	8	4		19.42	19.45	19.35		
3	8	7		19.45	19.38	19.50		
3	15	0		19.46	19.52	19.46		
3	1	0	256-QAM	17.20	17.10	17.16	15.38	0.0345
3	1	8		17.59	17.62	17.61		
3	1	14		17.22	17.29	17.30		
3	8	0		17.12	17.16	17.16		
3	8	4		17.54	17.62	17.57		
3	8	7		17.52	17.43	17.50		
3	15	0		17.49	17.45	17.40		
Limit	ERP < 100W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.09 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	22.40	22.50	22.42	20.38	0.1091
1.4	1	3		22.52	22.62	22.53		
1.4	1	5		22.42	22.35	22.36		
1.4	3	0		22.45	22.46	22.42		
1.4	3	1		22.53	22.57	22.58		
1.4	3	3		22.47	22.46	22.52		
1.4	6	0		21.57	21.60	21.64		
1.4	1	0	16-QAM	21.77	21.85	21.71	19.62	0.0916
1.4	1	3		21.84	21.86	21.75		
1.4	1	5		21.74	21.70	21.83		
1.4	3	0		21.53	21.43	21.57		
1.4	3	1		21.63	21.61	21.53		
1.4	3	3		21.51	21.41	21.61		
1.4	6	0		20.63	20.72	20.65		
1.4	1	0	64-QAM	20.08	20.07	20.11	18.21	0.0662
1.4	1	3		20.02	19.99	20.03		
1.4	1	5		20.37	20.27	20.32		
1.4	3	0		20.32	20.36	20.35		
1.4	3	1		20.37	20.45	20.31		
1.4	3	3		20.27	20.22	20.31		
1.4	6	0		19.18	19.15	19.25		
1.4	1	0	256-QAM	17.27	17.30	17.21	15.49	0.0354
1.4	1	3		17.66	17.73	17.68		
1.4	1	5		17.29	17.25	17.29		
1.4	3	0		17.19	17.13	17.14		
1.4	3	1		17.61	17.56	17.65		
1.4	3	3		17.59	17.62	17.69		
1.4	6	0		17.56	17.46	17.63		
Limit	ERP < 100W			Result			Pass	

LTE Band 38 PC3 Maximum Average Power [dBm] (GT - LC = 2.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.69	22.77	22.68	25.06	0.3206
20	1	49		22.68	22.76	22.66		
20	1	99		22.66	22.70	22.63		
20	50	0		21.78	21.81	21.75		
20	50	24		21.86	21.85	21.79		
20	50	50		21.83	21.84	21.77		
20	100	0		21.85	21.81	21.73		
20	1	0	16-QAM	21.76	21.81	21.78	24.10	0.2570
20	1	49		21.75	21.81	21.74		
20	1	99		21.73	21.79	21.75		
20	50	0		20.82	20.83	20.77		
20	50	24		20.89	20.83	20.76		
20	50	50		20.85	20.88	20.78		
20	100	0		20.85	20.81	20.74		
20	1	0	64-QAM	20.47	20.52	20.45	22.85	0.1928
20	1	49		20.46	20.56	20.42		
20	1	99		20.49	20.51	20.47		
20	50	0		19.83	19.84	19.79		
20	50	24		19.90	19.83	19.77		
20	50	50		19.86	19.88	19.79		
20	100	0		19.86	19.80	19.76		
20	1	0	256-QAM	17.35	17.48	17.50	19.93	0.0984
20	1	49		17.55	17.47	17.56		
20	1	99		17.53	17.55	17.63		
20	50	0		17.63	17.53	17.58		
20	50	24		17.36	17.47	17.49		
20	50	50		17.59	17.57	17.58		
20	100	0		17.52	17.54	17.64		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 PC3 Maximum Average Power [dBm] (GT - LC = 2.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.57	22.70	22.54	24.99	0.3155
15	1	37		22.60	22.64	22.53		
15	1	74		22.57	22.60	22.59		
15	36	0		21.72	21.73	21.72		
15	36	20		21.78	21.73	21.72		
15	36	39		21.72	21.81	21.67		
15	75	0		21.74	21.76	21.61		
15	1	0	16-QAM	21.72	21.80	21.70	24.09	0.2564
15	1	37		21.63	21.66	21.71		
15	1	74		21.60	21.72	21.66		
15	36	0		20.71	20.76	20.67		
15	36	20		20.79	20.68	20.65		
15	36	39		20.81	20.80	20.68		
15	75	0		20.72	20.66	20.64		
15	1	0	64-QAM	20.35	20.40	20.42	22.77	0.1892
15	1	37		20.40	20.42	20.41		
15	1	74		20.39	20.48	20.46		
15	36	0		19.78	19.73	19.65		
15	36	20		19.76	19.79	19.72		
15	36	39		19.73	19.80	19.74		
15	75	0		19.77	19.74	19.70		
15	1	0	256-QAM	17.37	17.50	17.47	19.91	0.0979
15	1	37		17.56	17.49	17.57		
15	1	74		17.56	17.56	17.61		
15	36	0		17.60	17.51	17.58		
15	36	20		17.38	17.49	17.50		
15	36	39		17.60	17.59	17.57		
15	75	0		17.53	17.54	17.62		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 PC3 Maximum Average Power [dBm] (GT - LC = 2.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.60	22.58	22.63	24.96	0.3133
10	1	25		22.59	22.67	22.55		
10	1	49		22.51	22.55	22.58		
10	25	0		21.76	21.68	21.64		
10	25	12		21.73	21.79	21.60		
10	25	25		21.74	21.74	21.64		
10	50	0		21.74	21.67	21.63		
10	1	0	16-QAM	21.72	21.70	21.69	24.07	0.2553
10	1	25		21.72	21.78	21.60		
10	1	49		21.69	21.65	21.61		
10	25	0		20.70	20.78	20.73		
10	25	12		20.80	20.79	20.64		
10	25	25		20.80	20.77	20.73		
10	50	0		20.82	20.71	20.72		
10	1	0	64-QAM	20.43	20.50	20.41	22.79	0.1901
10	1	25		20.36	20.50	20.33		
10	1	49		20.35	20.48	20.38		
10	25	0		19.77	19.76	19.76		
10	25	12		19.84	19.76	19.74		
10	25	25		19.84	19.76	19.70		
10	50	0		19.82	19.66	19.66		
10	1	0	256-QAM	17.36	17.50	17.51	19.94	0.0986
10	1	25		17.54	17.51	17.56		
10	1	49		17.53	17.58	17.59		
10	25	0		17.61	17.51	17.60		
10	25	12		17.39	17.48	17.52		
10	25	25		17.62	17.55	17.55		
10	50	0		17.53	17.53	17.65		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 PC3 Maximum Average Power [dBm] (GT - LC = 2.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.49	22.67	22.58	24.96	0.3133
5	1	12		22.62	22.62	22.63		
5	1	24		22.53	22.65	22.56		
5	12	0		21.66	21.78	21.71		
5	12	7		21.81	21.78	21.68		
5	12	13		21.78	21.80	21.71		
5	25	0		21.79	21.73	21.68		
5	1	0	16-QAM	21.64	21.74	21.75	24.04	0.2535
5	1	12		21.69	21.67	21.61		
5	1	24		21.67	21.72	21.61		
5	12	0		20.80	20.70	20.70		
5	12	7		20.75	20.80	20.62		
5	12	13		20.81	20.86	20.69		
5	25	0		20.79	20.69	20.60		
5	1	0	64-QAM	20.37	20.45	20.31	22.79	0.1901
5	1	12		20.36	20.50	20.35		
5	1	24		20.40	20.44	20.37		
5	12	0		19.68	19.74	19.66		
5	12	7		19.83	19.80	19.67		
5	12	13		19.74	19.81	19.68		
5	25	0		19.73	19.67	19.66		
5	1	0	256-QAM	17.42	17.57	17.56	19.99	0.0998
5	1	12		17.65	17.54	17.65		
5	1	24		17.63	17.63	17.66		
5	12	0		17.67	17.61	17.69		
5	12	7		17.46	17.53	17.58		
5	12	13		17.68	17.63	17.63		
5	25	0		17.60	17.60	17.70		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 PC3 Maximum Average Power [dBm] (GT - LC = 2.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.66	22.75	22.62	25.04	0.3192
20	1	49		22.60	22.64	22.52		
20	1	99		22.54	22.68	22.50		
20	50	0		21.84	21.91	21.74		
20	50	24		21.89	21.99	21.70		
20	50	50		21.85	21.95	21.70		
20	100	0		21.88	21.97	21.70		
20	1	0	16-QAM	22.01	22.14	22.01	24.43	0.2773
20	1	49		22.00	22.03	21.86		
20	1	99		21.93	22.00	21.84		
20	50	0		20.88	20.94	20.77		
20	50	24		20.94	21.02	20.74		
20	50	50		20.90	20.99	20.78		
20	100	0		20.93	21.00	20.73		
20	1	0	64-QAM	20.92	20.94	20.78	23.23	0.2104
20	1	49		20.83	20.85	20.70		
20	1	99		20.83	20.92	20.68		
20	50	0		19.89	19.97	19.78		
20	50	24		19.97	20.01	19.76		
20	50	50		19.90	19.99	19.78		
20	100	0		19.93	20.01	19.74		
20	1	0	256-QAM	17.80	17.92	17.77	20.29	0.1069
20	1	49		17.91	17.97	17.72		
20	1	99		17.81	17.93	17.70		
20	50	0		17.87	18.00	17.66		
20	50	24		17.83	17.92	17.75		
20	50	50		17.96	18.00	17.71		
20	100	0		17.86	17.92	17.71		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 PC3 Maximum Average Power [dBm] (GT - LC = 2.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.65	22.69	22.58	24.98	0.3148
15	1	37		22.53	22.63	22.55		
15	1	74		22.58	22.67	22.55		
15	36	0		21.80	21.90	21.73		
15	36	20		21.82	21.92	21.65		
15	36	39		21.77	21.92	21.63		
15	75	0		21.85	21.89	21.66		
15	1	0	16-QAM	21.93	22.07	21.94	24.36	0.2729
15	1	37		21.94	22.02	21.84		
15	1	74		21.91	21.98	21.81		
15	36	0		20.83	20.89	20.73		
15	36	20		20.91	20.98	20.73		
15	36	39		20.86	20.98	20.73		
15	75	0		20.86	20.96	20.72		
15	1	0	64-QAM	20.86	20.91	20.77	23.20	0.2089
15	1	37		20.81	20.79	20.63		
15	1	74		20.77	20.87	20.67		
15	36	0		19.83	19.93	19.72		
15	36	20		19.91	20.00	19.70		
15	36	39		19.86	19.93	19.74		
15	75	0		19.86	19.98	19.72		
15	1	0	256-QAM	17.72	17.90	17.76	20.23	0.1054
15	1	37		17.85	17.90	17.69		
15	1	74		17.75	17.86	17.69		
15	36	0		17.80	17.91	17.65		
15	36	20		17.82	17.86	17.73		
15	36	39		17.91	17.94	17.62		
15	75	0		17.79	17.83	17.65		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 PC3 Maximum Average Power [dBm] (GT - LC = 2.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.64	22.69	22.55	24.98	0.3148
10	1	25		22.59	22.63	22.52		
10	1	49		22.57	22.66	22.53		
10	25	0		21.82	21.84	21.72		
10	25	12		21.86	21.91	21.63		
10	25	25		21.84	21.88	21.69		
10	50	0		21.84	21.91	21.63		
10	1	0	16-QAM	21.94	22.08	21.98	24.37	0.2735
10	1	25		21.97	21.97	21.78		
10	1	49		21.92	21.98	21.81		
10	25	0		20.81	20.91	20.69		
10	25	12		20.90	20.96	20.73		
10	25	25		20.84	20.91	20.74		
10	50	0		20.85	20.94	20.69		
10	1	0	64-QAM	20.87	20.87	20.72	23.16	0.2070
10	1	25		20.78	20.77	20.62		
10	1	49		20.82	20.86	20.65		
10	25	0		19.87	19.91	19.70		
10	25	12		19.93	19.98	19.73		
10	25	25		19.84	19.95	19.71		
10	50	0		19.87	20.00	19.67		
10	1	0	256-QAM	17.73	17.87	17.69	20.28	0.1067
10	1	25		17.83	17.88	17.69		
10	1	49		17.75	17.86	17.68		
10	25	0		17.81	17.99	17.63		
10	25	12		17.78	17.88	17.71		
10	25	25		17.94	17.95	17.70		
10	50	0		17.78	17.86	17.63		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 PC3 Maximum Average Power [dBm] (GT - LC = 2.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.64	22.67	22.61	24.96	0.3133
5	1	12		22.52	22.58	22.56		
5	1	24		22.51	22.64	22.55		
5	12	0		21.83	21.84	21.68		
5	12	7		21.82	21.96	21.63		
5	12	13		21.80	21.89	21.66		
5	25	0		21.80	21.93	21.67		
5	1	0	16-QAM	21.95	22.08	21.94	24.37	0.2735
5	1	12		21.97	21.97	21.84		
5	1	24		21.89	21.93	21.78		
5	12	0		20.81	20.87	20.75		
5	12	7		20.89	20.98	20.72		
5	12	13		20.86	20.91	20.74		
5	25	0		20.85	20.92	20.72		
5	1	0	64-QAM	20.86	20.93	20.73	23.22	0.2099
5	1	12		20.76	20.78	20.65		
5	1	24		20.78	20.90	20.62		
5	12	0		19.85	19.95	19.76		
5	12	7		19.94	19.98	19.75		
5	12	13		19.82	19.92	19.76		
5	25	0		19.85	19.97	19.69		
5	1	0	256-QAM	17.74	17.84	17.70	20.22	0.1052
5	1	12		17.85	17.91	17.64		
5	1	24		17.78	17.91	17.67		
5	12	0		17.78	17.92	17.59		
5	12	7		17.77	17.84	17.67		
5	12	13		17.93	17.91	17.62		
5	25	0		17.78	17.84	17.63		
Limit	EIRP < 2W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.48 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.46	22.65	22.60	24.13	0.2588
20	1	49		22.42	22.65	22.48		
20	1	99		22.44	22.53	22.38		
20	50	0		21.49	21.75	21.70		
20	50	24		21.57	21.74	21.65		
20	50	50		21.54	21.68	21.57		
20	100	0		21.55	21.72	21.68		
20	1	0	16-QAM	21.80	22.00	21.98	23.50	0.2239
20	1	49		21.79	22.02	21.82		
20	1	99		21.80	21.87	21.68		
20	50	0		20.51	20.76	20.71		
20	50	24		20.58	20.78	20.68		
20	50	50		20.56	20.69	20.62		
20	100	0		20.54	20.72	20.66		
20	1	0	64-QAM	20.67	20.84	20.89	22.37	0.1726
20	1	49		20.68	20.89	20.74		
20	1	99		20.69	20.75	20.63		
20	50	0		19.52	19.78	19.74		
20	50	24		19.60	19.76	19.71		
20	50	50		19.58	19.70	19.61		
20	100	0		19.58	19.72	19.68		
20	1	0	256-QAM	17.58	17.81	17.75	19.38	0.0867
20	1	49		17.59	17.90	17.74		
20	1	99		17.53	17.79	17.86		
20	50	0		17.67	17.72	17.78		
20	50	24		17.53	17.79	17.80		
20	50	50		17.70	17.79	17.64		
20	100	0		17.55	17.79	17.79		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.48 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.39	22.57	22.57	24.11	0.2576
15	1	37		22.38	22.63	22.46		
15	1	74		22.42	22.56	22.41		
15	36	0		21.42	21.70	21.67		
15	36	20		21.51	21.74	21.64		
15	36	39		21.52	21.65	21.55		
15	75	0		21.52	21.70	21.62		
15	1	0	16-QAM	21.69	21.88	21.92	23.46	0.2218
15	1	37		21.70	21.98	21.83		
15	1	74		21.73	21.87	21.70		
15	36	0		20.42	20.72	20.62		
15	36	20		20.54	20.73	20.65		
15	36	39		20.50	20.67	20.57		
15	75	0		20.52	20.70	20.62		
15	1	0	64-QAM	20.57	20.74	20.80	22.38	0.1730
15	1	37		20.60	20.90	20.71		
15	1	74		20.67	20.71	20.61		
15	36	0		19.47	19.76	19.70		
15	36	20		19.55	19.77	19.69		
15	36	39		19.52	19.70	19.59		
15	75	0		19.52	19.71	19.61		
15	1	0	256-QAM	17.54	17.78	17.74	19.36	0.0863
15	1	37		17.56	17.88	17.70		
15	1	74		17.51	17.75	17.85		
15	36	0		17.62	17.68	17.76		
15	36	20		17.49	17.74	17.76		
15	36	39		17.67	17.75	17.61		
15	75	0		17.53	17.77	17.77		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.48 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.44	22.59	22.49	24.10	0.2570
10	1	25		22.39	22.62	22.39		
10	1	49		22.31	22.49	22.31		
10	25	0		21.36	21.62	21.63		
10	25	12		21.46	21.61	21.61		
10	25	25		21.43	21.63	21.50		
10	50	0		21.51	21.69	21.60		
10	1	0	16-QAM	21.77	21.95	21.92	23.47	0.2223
10	1	25		21.76	21.99	21.80		
10	1	49		21.78	21.78	21.61		
10	25	0		20.41	20.68	20.61		
10	25	12		20.44	20.71	20.67		
10	25	25		20.52	20.66	20.57		
10	50	0		20.51	20.71	20.56		
10	1	0	64-QAM	20.61	20.82	20.79	22.30	0.1698
10	1	25		20.58	20.82	20.67		
10	1	49		20.58	20.62	20.58		
10	25	0		19.49	19.63	19.67		
10	25	12		19.51	19.67	19.60		
10	25	25		19.49	19.64	19.53		
10	50	0		19.49	19.68	19.67		
10	1	0	256-QAM	17.53	17.80	17.73	19.33	0.0857
10	1	25		17.57	17.85	17.69		
10	1	49		17.52	17.74	17.82		
10	25	0		17.62	17.67	17.73		
10	25	12		17.50	17.77	17.76		
10	25	25		17.67	17.77	17.62		
10	50	0		17.53	17.77	17.78		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.48 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.37	22.62	22.52	24.10	0.2570
5	1	12		22.34	22.53	22.36		
5	1	24		22.34	22.40	22.31		
5	12	0		21.41	21.66	21.58		
5	12	7		21.46	21.60	21.56		
5	12	13		21.45	21.58	21.56		
5	25	0		21.44	21.65	21.56		
5	1	0	16-QAM	21.68	21.92	21.93	23.41	0.2193
5	1	12		21.69	21.91	21.70		
5	1	24		21.78	21.77	21.64		
5	12	0		20.42	20.64	20.66		
5	12	7		20.48	20.64	20.57		
5	12	13		20.41	20.59	20.52		
5	25	0		20.43	20.68	20.54		
5	1	0	64-QAM	20.58	20.79	20.77	22.32	0.1706
5	1	12		20.63	20.84	20.68		
5	1	24		20.60	20.60	20.52		
5	12	0		19.38	19.67	19.67		
5	12	7		19.50	19.68	19.58		
5	12	13		19.51	19.55	19.49		
5	25	0		19.48	19.65	19.56		
5	1	0	256-QAM	17.55	17.78	17.70	19.35	0.0861
5	1	12		17.55	17.87	17.70		
5	1	24		17.49	17.77	17.82		
5	12	0		17.63	17.70	17.76		
5	12	7		17.50	17.76	17.75		
5	12	13		17.69	17.74	17.60		
5	25	0		17.53	17.77	17.77		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.48 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	22.38	22.50	22.56	24.06	0.2547
3	1	8		22.35	22.58	22.45		
3	1	14		22.35	22.45	22.25		
3	8	0		21.45	21.63	21.64		
3	8	4		21.45	21.65	21.55		
3	8	7		21.51	21.66	21.45		
3	15	0		21.50	21.68	21.55		
3	1	0	16-QAM	21.68	21.87	21.92	23.40	0.2188
3	1	8		21.67	21.88	21.69		
3	1	14		21.72	21.74	21.60		
3	8	0		20.37	20.62	20.63		
3	8	4		20.47	20.74	20.57		
3	8	7		20.45	20.61	20.54		
3	15	0		20.52	20.59	20.57		
3	1	0	64-QAM	20.56	20.73	20.76	22.24	0.1675
3	1	8		20.66	20.76	20.64		
3	1	14		20.68	20.68	20.51		
3	8	0		19.45	19.67	19.64		
3	8	4		19.58	19.63	19.61		
3	8	7		19.44	19.58	19.48		
3	15	0		19.46	19.71	19.55		
3	1	0	256-QAM	17.56	17.76	17.73	19.37	0.0865
3	1	8		17.57	17.89	17.70		
3	1	14		17.52	17.76	17.84		
3	8	0		17.65	17.68	17.73		
3	8	4		17.48	17.75	17.75		
3	8	7		17.69	17.78	17.61		
3	15	0		17.51	17.74	17.74		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.48 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	22.29	22.51	22.41	24.16	0.2606
1.4	1	3		22.37	22.68	22.43		
1.4	1	5		22.31	22.58	22.36		
1.4	3	0		22.34	22.59	22.41		
1.4	3	1		22.36	22.68	22.45		
1.4	3	3		22.35	22.63	22.39		
1.4	6	0		21.42	21.64	21.47		
1.4	1	0	16-QAM	21.61	21.87	21.69	23.48	0.2228
1.4	1	3		21.66	22.00	21.78		
1.4	1	5		21.65	21.93	21.70		
1.4	3	0		21.45	21.68	21.50		
1.4	3	1		21.50	21.76	21.64		
1.4	3	3		21.41	21.71	21.59		
1.4	6	0		20.50	20.68	20.53		
1.4	1	0	64-QAM	20.55	20.82	20.67	22.42	0.1746
1.4	1	3		20.64	20.94	20.75		
1.4	1	5		20.54	20.88	20.64		
1.4	3	0		20.52	20.82	20.59		
1.4	3	1		20.59	20.88	20.66		
1.4	3	3		20.50	20.85	20.59		
1.4	6	0		19.42	19.66	19.50		
1.4	1	0	256-QAM	17.53	17.80	17.72	19.35	0.0861
1.4	1	3		17.58	17.87	17.71		
1.4	1	5		17.50	17.74	17.82		
1.4	3	0		17.62	17.69	17.76		
1.4	3	1		17.51	17.74	17.78		
1.4	3	3		17.66	17.75	17.63		
1.4	6	0		17.53	17.75	17.78		
Limit	EIRP < 1W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -0.68 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	22.52	22.42	22.40	19.69	0.0931
20	1	49		22.40	22.31	22.41		
20	1	99		22.30	22.41	22.39		
20	50	0		21.54	21.58	21.50		
20	50	24		21.53	21.48	21.49		
20	50	50		21.46	21.47	21.59		
20	100	0		21.49	21.48	21.53		
20	1	0	16-QAM	21.90	21.72	21.65	19.07	0.0807
20	1	49		21.76	21.68	21.77		
20	1	99		21.66	21.76	21.81		
20	50	0		20.56	20.46	20.45		
20	50	24		20.56	20.51	20.50		
20	50	50		20.44	20.48	20.57		
20	100	0		20.54	20.47	20.55		
20	1	0	64-QAM	20.54	20.54	20.51	17.86	0.0611
20	1	49		20.63	20.57	20.66		
20	1	99		20.57	20.69	20.69		
20	50	0		19.30	19.49	19.45		
20	50	24		19.57	19.50	19.52		
20	50	50		19.48	19.50	19.59		
20	100	0		19.56	19.52	19.56		
20	1	0	256-QAM	17.39	17.51	17.52	14.84	0.0305
20	1	49		17.59	17.52	17.61		
20	1	99		17.57	17.60	17.64		
20	50	0		17.65	17.56	17.63		
20	50	24		17.40	17.51	17.54		
20	50	50		17.64	17.60	17.60		
20	100	0		17.56	17.57	17.67		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -0.68 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	22.42	22.31	22.25	19.59	0.0910
15	1	37		22.27	22.26	22.39		
15	1	74		22.20	22.37	22.38		
15	36	0		21.49	21.41	21.40		
15	36	20		21.45	21.37	21.39		
15	36	39		21.43	21.37	21.49		
15	75	0		21.46	21.45	21.43		
15	1	0	16-QAM	21.85	21.67	21.63	19.02	0.0798
15	1	37		21.71	21.65	21.69		
15	1	74		21.65	21.74	21.68		
15	36	0		20.51	20.36	20.37		
15	36	20		20.44	20.40	20.43		
15	36	39		20.30	20.47	20.50		
15	75	0		20.50	20.32	20.41		
15	1	0	64-QAM	20.46	20.47	20.45	17.85	0.0610
15	1	37		20.54	20.47	20.63		
15	1	74		20.42	20.54	20.68		
15	36	0		19.20	19.43	19.34		
15	36	20		19.43	19.44	19.49		
15	36	39		19.45	19.42	19.55		
15	75	0		19.45	19.40	19.44		
15	1	0	256-QAM	17.36	17.49	17.50	14.82	0.0303
15	1	37		17.57	17.50	17.57		
15	1	74		17.55	17.59	17.60		
15	36	0		17.60	17.55	17.60		
15	36	20		17.39	17.46	17.49		
15	36	39		17.63	17.59	17.56		
15	75	0		17.55	17.52	17.65		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -0.68 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	22.46	22.30	22.21	19.63	0.0918
10	1	25		22.28	22.17	22.29		
10	1	49		22.26	22.33	22.38		
10	25	0		21.50	21.40	21.30		
10	25	12		21.46	21.43	21.35		
10	25	25		21.32	21.38	21.48		
10	50	0		21.42	21.43	21.48		
10	1	0	16-QAM	21.84	21.59	21.52	19.01	0.0796
10	1	25		21.65	21.57	21.69		
10	1	49		21.63	21.70	21.70		
10	25	0		20.53	20.37	20.33		
10	25	12		20.52	20.44	20.48		
10	25	25		20.33	20.36	20.43		
10	50	0		20.43	20.33	20.41		
10	1	0	64-QAM	20.48	20.51	20.38	17.77	0.0598
10	1	25		20.59	20.48	20.60		
10	1	49		20.46	20.58	20.59		
10	25	0		19.18	19.36	19.35		
10	25	12		19.55	19.35	19.48		
10	25	25		19.39	19.48	19.47		
10	50	0		19.47	19.40	19.42		
10	1	0	256-QAM	17.35	17.50	17.49	14.80	0.0302
10	1	25		17.58	17.47	17.58		
10	1	49		17.56	17.56	17.59		
10	25	0		17.60	17.54	17.62		
10	25	12		17.39	17.46	17.51		
10	25	25		17.61	17.56	17.56		
10	50	0		17.53	17.53	17.63		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -0.68 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	22.48	22.25	22.29	19.65	0.0923
5	1	12		22.36	22.22	22.29		
5	1	24		22.24	22.38	22.42		
5	12	0		21.47	21.45	21.39		
5	12	7		21.40	21.33	21.46		
5	12	13		21.38	21.45	21.49		
5	25	0		21.43	21.38	21.45		
5	1	0	16-QAM	21.86	21.66	21.55	19.03	0.0800
5	1	12		21.67	21.58	21.72		
5	1	24		21.63	21.62	21.71		
5	12	0		20.46	20.38	20.35		
5	12	7		20.42	20.47	20.38		
5	12	13		20.38	20.36	20.47		
5	25	0		20.48	20.37	20.50		
5	1	0	64-QAM	20.41	20.40	20.45	17.77	0.0598
5	1	12		20.59	20.44	20.57		
5	1	24		20.51	20.60	20.56		
5	12	0		19.23	19.39	19.34		
5	12	7		19.54	19.48	19.43		
5	12	13		19.35	19.43	19.56		
5	25	0		19.42	19.38	19.52		
5	1	0	256-QAM	17.36	17.47	17.49	14.80	0.0302
5	1	12		17.57	17.48	17.56		
5	1	24		17.52	17.56	17.61		
5	12	0		17.63	17.53	17.60		
5	12	7		17.39	17.48	17.49		
5	12	13		17.62	17.56	17.55		
5	25	0		17.55	17.53	17.62		
Limit	ERP < 3W			Result			Pass	

Conducted Output Power (Average power and EIRP)

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 1.97 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	1	99	1	0	QPSK	23.00	23.68	23.58	25.65	0.3673
20+20	1	99	1	0	16-QAM	22.26	22.99	22.95	24.96	0.3133
20+15	1	99	1	0	QPSK	23.01	23.56	23.66	25.63	0.3656
20+15	1	99	1	0	16-QAM	22.48	23.06	23.10	25.07	0.3214
15+20	1	74	1	0	QPSK	23.52	23.70	23.71	25.68	0.3698
15+20	1	74	1	0	16-QAM	22.69	23.01	23.21	25.18	0.3296
Limit	EIRP < 2W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 1.97 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	1	99	1	0	QPSK	22.87	23.62	23.10	25.59	0.3622
20+10	1	99	1	0	16-QAM	22.10	23.12	22.48	25.09	0.3228
10+20	1	49	1	0	QPSK	23.62	23.63	23.65	25.62	0.3648
10+20	1	49	1	0	16-QAM	23.06	23.06	23.13	25.10	0.3236
15+15	1	74	1	0	QPSK	23.56	23.64	23.70	25.67	0.3690
15+15	1	74	1	0	16-QAM	22.92	22.93	23.06	25.03	0.3184
Limit	EIRP < 2W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 1.97 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	1	74	1	0	QPSK	23.49	23.66	23.51	25.63	0.3656
15+10	1	74	1	0	16-QAM	22.68	23.13	22.69	25.10	0.3236
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C-PC3_CA Maximum Average Power [dBm] (GT - LC = 2.29 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	1	99	1	0	QPSK	22.88	22.72	22.62	25.17	0.3289
20+20	1	99	1	0	16-QAM	22.56	22.44	22.17	24.85	0.3055
20+15	1	99	1	0	QPSK	22.89	22.78	22.66	25.18	0.3296
20+15	1	99	1	0	16-QAM	22.57	22.45	22.20	24.86	0.3062
15+20	1	74	1	0	QPSK	22.85	22.72	22.62	25.14	0.3266
15+20	1	74	1	0	16-QAM	22.46	22.40	22.16	24.75	0.2985
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C-PC3_CA Maximum Average Power [dBm] (GT - LC = 2.29 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	1	99	1	0	QPSK	22.96	22.77	22.70	25.25	0.3350
20+10	1	99	1	0	16-QAM	22.56	22.47	22.25	24.85	0.3055
10+20	1	49	1	0	QPSK	22.87	22.80	22.66	25.16	0.3281
10+20	1	49	1	0	16-QAM	22.54	22.45	22.20	24.83	0.3041
20+5	1	99	1	0	QPSK	22.92	22.80	22.68	25.21	0.3319
20+5	1	99	1	0	16-QAM	22.55	22.45	22.31	24.84	0.3048
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C-PC3_CA Maximum Average Power [dBm] (GT - LC = 2.29 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	1	24	1	0	QPSK	22.91	22.86	22.74	25.20	0.3311
5+20	1	24	1	0	16-QAM	22.54	22.48	22.28	24.83	0.3041
15+10	1	74	1	0	QPSK	22.87	22.75	22.68	25.16	0.3281
15+10	1	74	1	0	16-QAM	22.53	22.40	22.23	24.82	0.3034
10+15	1	49	1	0	QPSK	22.83	22.78	22.65	25.12	0.3251
10+15	1	49	1	0	16-QAM	22.48	22.41	22.21	24.77	0.2999
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C-PC3_CA Maximum Average Power [dBm] (GT - LC = 2.29 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+15	1	74	1	0	QPSK	22.83	22.75	22.63	25.12	0.3251
15+15	1	74	1	0	16-QAM	22.51	22.39	22.17	24.80	0.3020
Limit	EIRP < 2W					Result			Pass	



Appendix B. Test Results of Radiated Test

B1. Summary of each worse mode

Mode	Band	Part	Ch	Freq (MHz)	Level (dBm)	Det	Ant Factor (dB)	AmplCbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
2	LTE B5	Part 22H	M	2496	-56.99	RMS	28.00	-27.48	0.43	-95.23	37.29	-13.00	-43.99	V	0
3	LTE B26	Part 22H	M	2490	-61.35	RMS	28.00	-27.49	0.43	-95.23	32.94	-13.00	-48.35	V	0
2	LTE B2	Part 24E	M	5613	-53.82	RMS	33.05	-24.56	0.47	-95.23	32.45	-13.00	-40.82	H	0
3	LTE B25	Part 24E	M	5613	-53.87	RMS	33.05	-24.56	0.47	-95.23	32.40	-13.00	-40.87	V	0
1	LTE B71	Part 27N	M	2028	-28.33	RMS	26.94	-28.23	0.32	-95.23	67.87	-13.00	-15.33	H	0
1	LTE B12	Part 27H	M	2109	-30.18	RMS	27.58	-28.09	0.31	-95.23	65.25	-13.00	-17.18	V	0
2	LTE B17	Part 27H	M	1411	-42.92	RMS	25.61	-29.16	0.73	-95.23	55.13	-13.00	-29.92	H	0
1	LTE B13	Part 27F	M	2333	-38.23	RMS	27.27	-27.73	0.37	-95.23	57.09	-13.00	-25.23	H	0
1	LTE B7	Part 27M	M	10584	-52.79	RMS	38.80	-22.91	0.39	-95.23	26.16	-25.00	-27.79	H	0
2	LTE B38	Part 27M	M	10344	-52.85	RMS	38.79	-22.97	0.40	-95.23	26.16	-25.00	-27.85	H	0
3	LTE B41	Part 27M	M	10336	-52.94	RMS	38.77	-22.97	0.40	-95.23	26.09	-25.00	-27.94	V	0
4	LTE CA B7C	Part 27M	M	10140	-53.78	RMS	38.50	-23.06	0.40	-95.23	25.61	-25.00	-28.78	H	0
5	LTE CA B41C	Part 27M	M	10372	-52.87	RMS	38.80	-22.95	0.40	-95.23	26.11	-25.00	-27.87	H	0
2	LTE B4	Part 27L	M	5170	-52.45	RMS	33.10	-24.92	0.54	-95.23	34.06	-13.00	-39.45	V	0
3	LTE B66	Part 27L	M	5208	-51.22	RMS	32.82	-24.89	0.53	-95.23	35.55	-13.00	-38.22	V	0
1	LTE B14	Part 90R	M	1577	-55.65	RMS	25.34	-28.88	0.53	-95.23	42.59	-42.15	-13.50	H	0
1	LTE B26	Part 90S	M	2443	-53.40	RMS	27.60	-27.56	0.42	-95.23	41.37	-13.00	-40.40	H	0

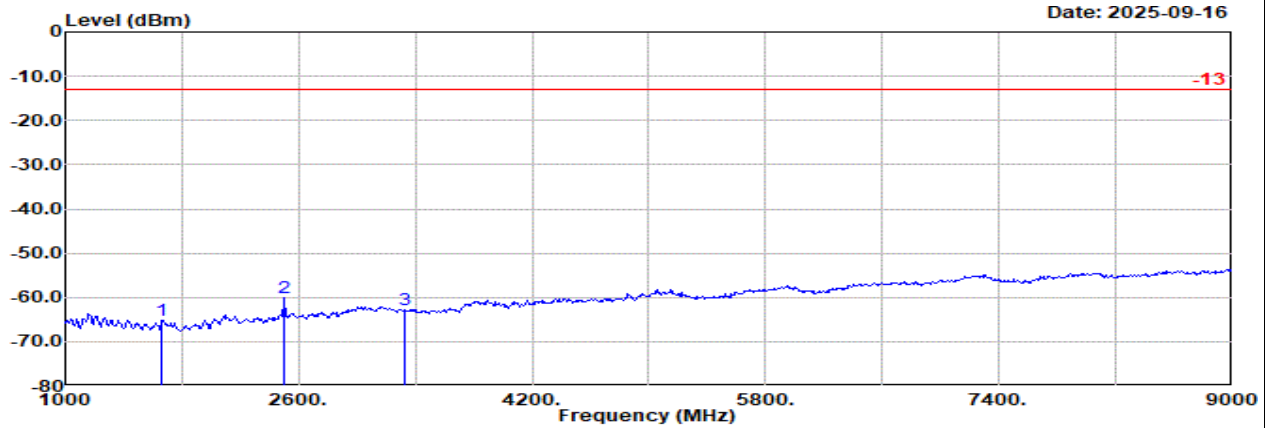


Ant. 0

Part 22H Mode 2

LTE B5 10M Ch20525 1RB0 QPSK

M

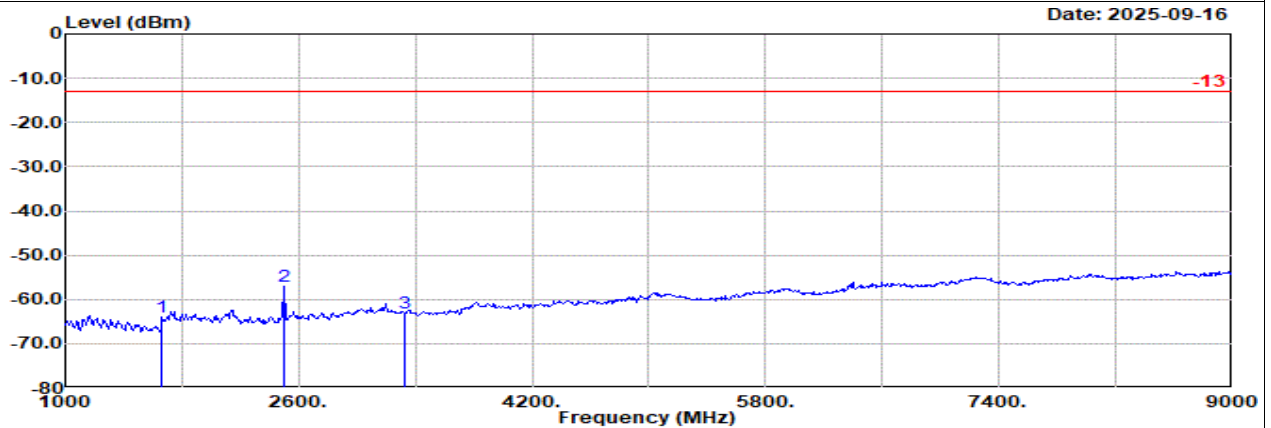


Site : 03CH20-HY

Condition: -13 3m HF_9120D_02360_241101 Horizontal

: LTE Band 5 10M Ch20525 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB	
1	1664.00	-65.12	RMS	25.34	-28.75	0.48	-95.23	33.04	-13.00	-52.12	Horizontal
2	2496.00	-60.19	RMS	28.00	-27.48	0.43	-95.23	34.09	-13.00	-47.19	Horizontal
3	3328.00	-62.73	RMS	29.56	-26.10	0.32	-95.23	28.72	-13.00	-49.73	Horizontal



Site : 03CH20-HY

Condition: -13 3m HF_9120D_02360_241101 Vertical

: LTE Band 5 10M Ch20525 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB	
1	1664.00	-63.86	RMS	25.34	-28.75	0.48	-95.23	34.30	-13.00	-50.86	Vertical
2	2496.00	-56.99	RMS	28.00	-27.48	0.43	-95.23	37.29	-13.00	-43.99	Vertical
3	3328.00	-63.01	RMS	29.56	-26.10	0.32	-95.23	28.44	-13.00	-50.01	Vertical

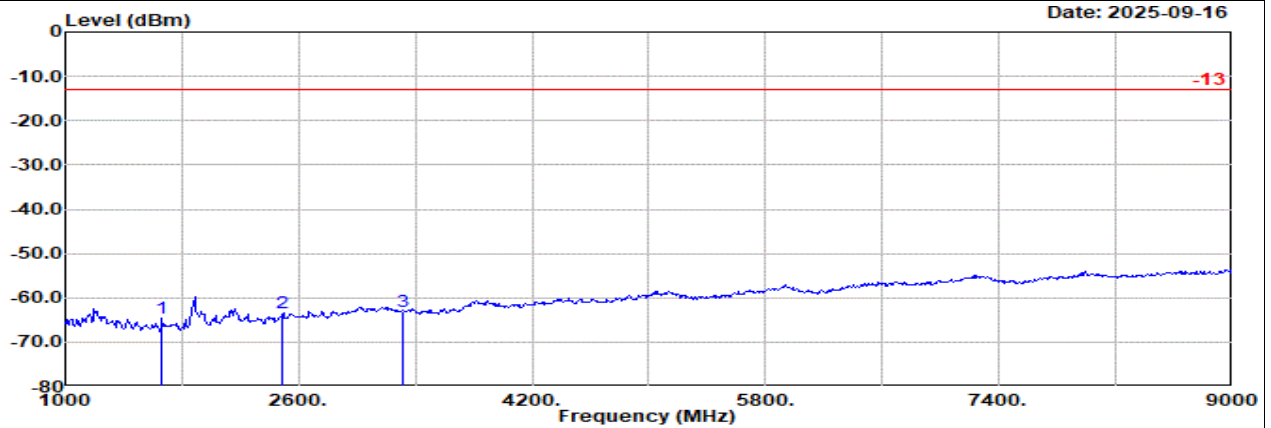


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Part 22H Mode 3

LTE B26 15M Ch26915 1RB0 QPSK

M

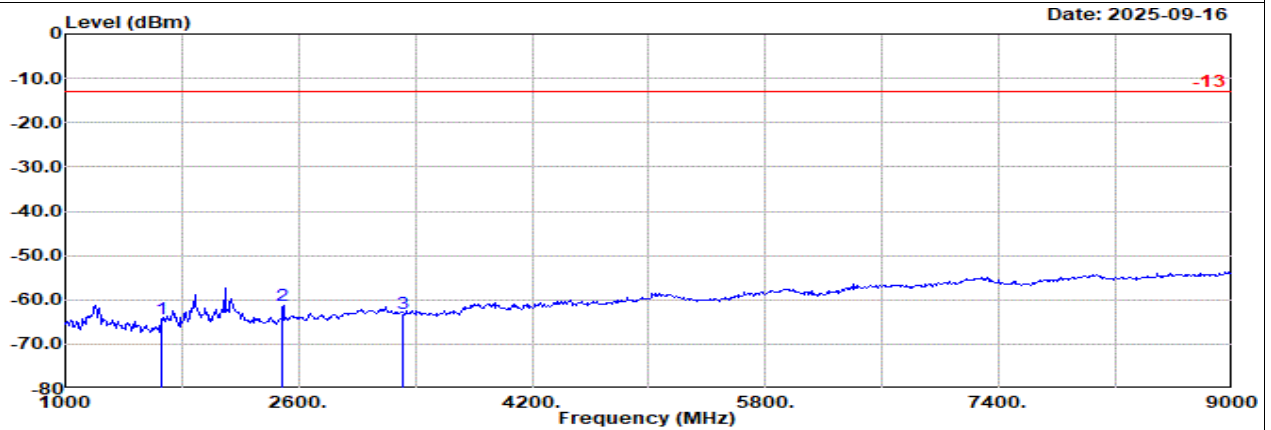


Site : 03CH20-HY

Condition: -13 3m HF_9120D_02360_241101 Horizontal

: LTE Band 26 15M Ch26915 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol
				Factor	1					
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	1660.00	-64.46	RMS	25.30	-28.75	0.48	-95.23	33.74	-13.00	-51.46
2	2490.00	-63.36	RMS	28.00	-27.49	0.43	-95.23	30.93	-13.00	-50.36
3	3319.00	-63.12	RMS	29.54	-26.11	0.32	-95.23	28.36	-13.00	-50.12



Site : 03CH20-HY

Condition: -13 3m HF_9120D_02360_241101 Vertical

: LTE Band 26 15M Ch26915 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol
				Factor	1					
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	1660.00	-64.43	RMS	25.30	-28.75	0.48	-95.23	33.77	-13.00	-51.43
2	2490.00	-61.35	RMS	28.00	-27.49	0.43	-95.23	32.94	-13.00	-48.35
3	3319.00	-63.19	RMS	29.54	-26.11	0.32	-95.23	28.29	-13.00	-50.19

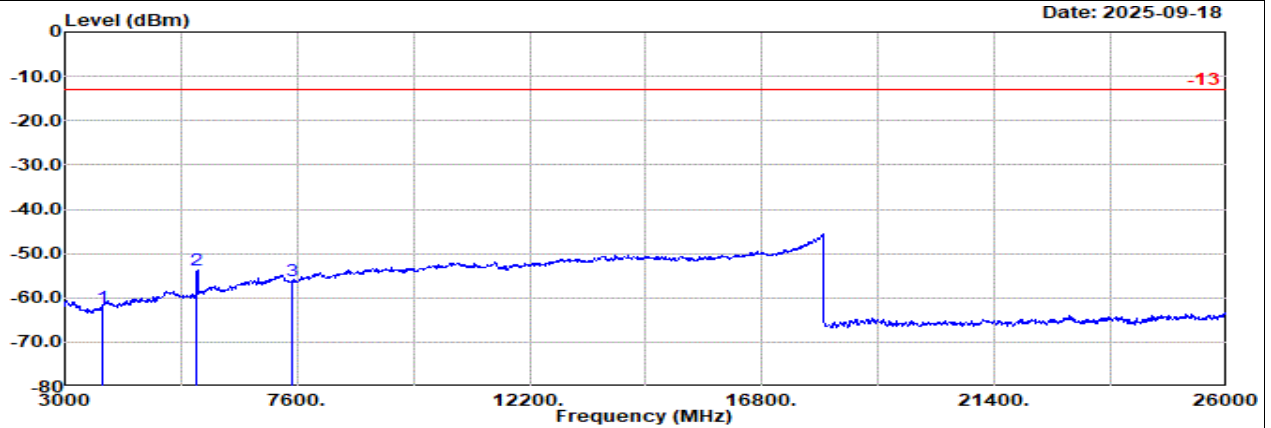


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Part 24E Mode 2

LTE B2 20M Ch18900 1RB0 QPSK

M

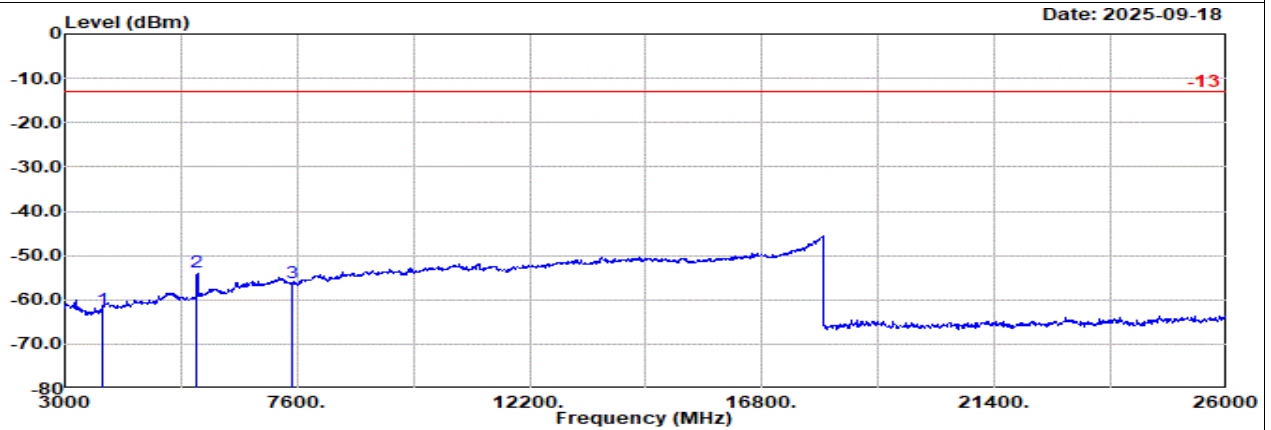


Site : 03CH20-HY

Condition: -13 1m BBHA9170_1223_250702 Horizontal

: LTE B2 20M Ch18900 1RB0 QPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Reading	Limit	Margin Pol	
	MHz	dBm			dB/m	dB	dB	dB	dBm	dB	
1	3742.00	-62.30	RMS	30.12	-25.61	0.70	-95.23	27.72	-13.00	-49.30	Horizontal
2	5613.00	-53.82	RMS	33.05	-24.56	0.47	-95.23	32.45	-13.00	-40.82	Horizontal
3	7484.00	-56.09	RMS	36.34	-23.07	0.40	-95.23	25.47	-13.00	-43.09	Horizontal



Site : 03CH20-HY

Condition: -13 1m BBHA9170_1223_250702 Vertical

: LTE B2 20M Ch18900 1RB0 QPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Reading	Limit	Margin Pol	
	MHz	dBm			dB/m	dB	dB	dB	dBm	dB	
1	3742.00	-62.15	RMS	30.12	-25.61	0.70	-95.23	27.87	-13.00	-49.15	Vertical
2	5613.00	-53.89	RMS	33.05	-24.56	0.47	-95.23	32.38	-13.00	-40.89	Vertical
3	7484.00	-56.29	RMS	36.34	-23.07	0.40	-95.23	25.27	-13.00	-43.29	Vertical

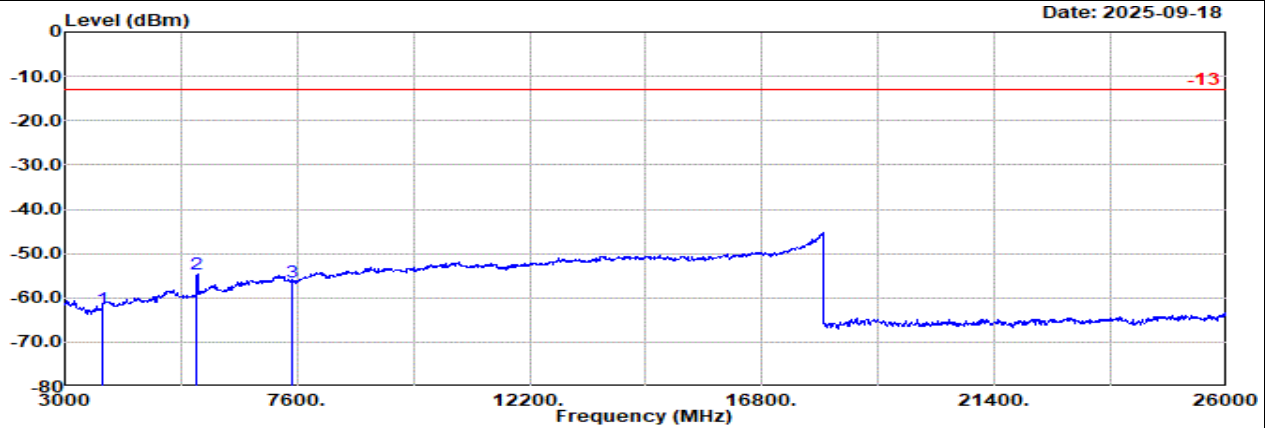


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Part 24E Mode 3

LTE B25 20M Ch26340 1RB0 QPSK

M

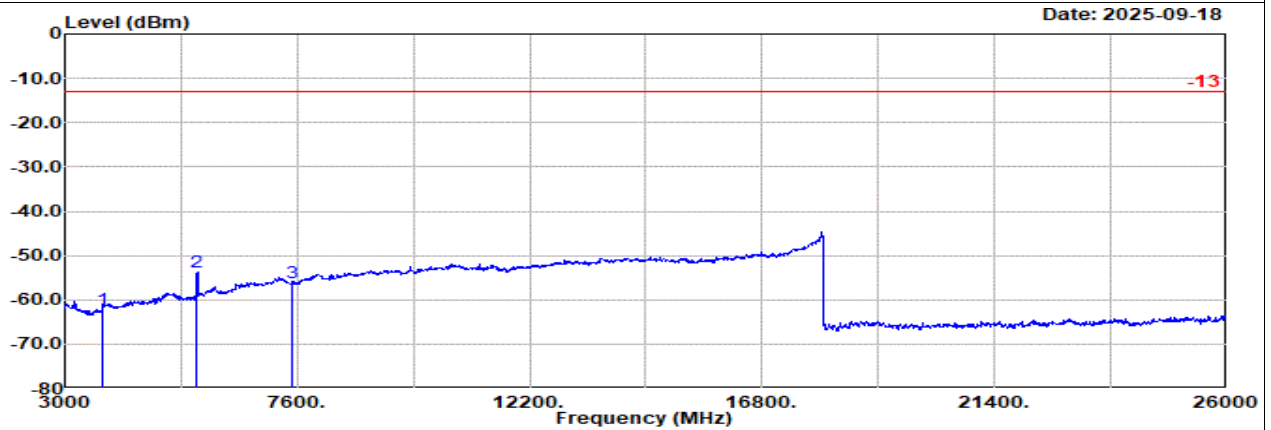


Site : 03CH20-HY

Condition: -13 1m BBHA9170_1223_250702 Horizontal

: LTE B25 20M Ch26340 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin Pol	
				Factor	1						
	MHz	dBm									
1	3742.00	-62.49	RMS	30.12	-25.61	0.70	-95.23	27.53	-13.00	-49.49	Horizontal
2	5613.00	-54.57	RMS	33.05	-24.56	0.47	-95.23	31.70	-13.00	-41.57	Horizontal
3	7484.00	-56.43	RMS	36.34	-23.07	0.40	-95.23	25.13	-13.00	-43.43	Horizontal



Site : 03CH20-HY

Condition: -13 1m BBHA9170_1223_250702 Vertical

: LTE B25 20M Ch26340 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin Pol	
				Factor	1						
	MHz	dBm									
1	3742.00	-62.26	RMS	30.12	-25.61	0.70	-95.23	27.76	-13.00	-49.26	Vertical
2	5613.00	-53.87	RMS	33.05	-24.56	0.47	-95.23	32.40	-13.00	-40.87	Vertical
3	7484.00	-56.28	RMS	36.34	-23.07	0.40	-95.23	25.28	-13.00	-43.28	Vertical

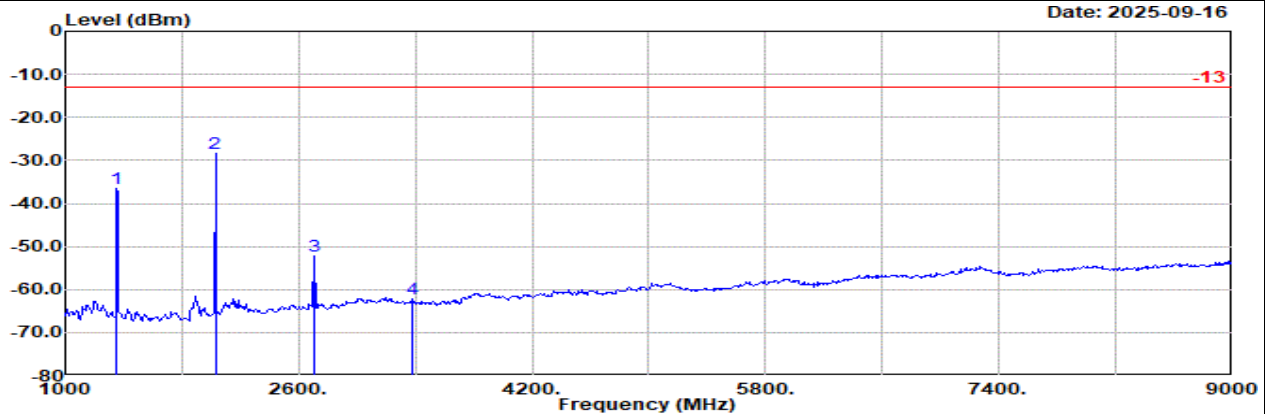


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Part 27N Mode 1

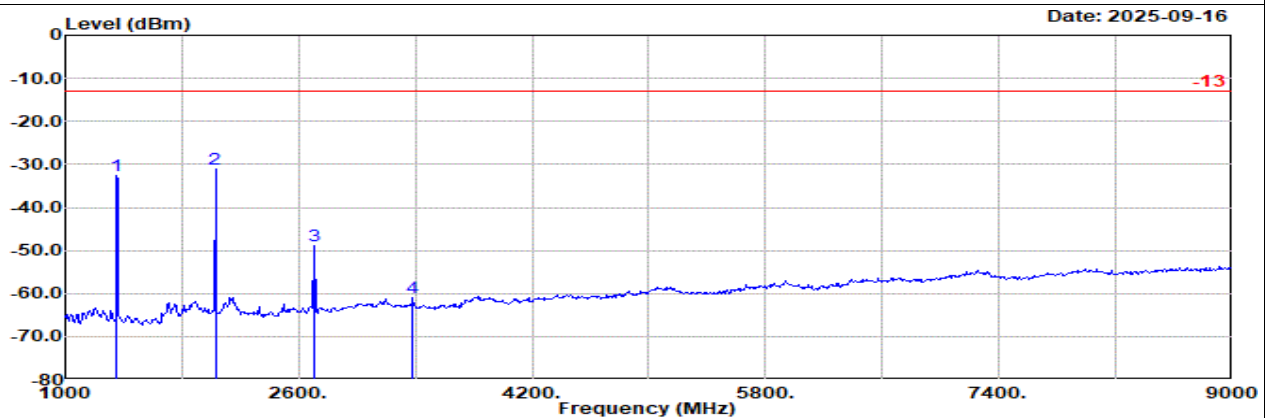
LTE B71 10M Ch133297 1RB0 QPSK

M



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_241101 Horizontal
: LTE B71 10M Ch133297 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
					dB/m	dB						
	MHz	dBm				dB	dB	dB	dBuV	dBm	dB	
1	1352.00	-36.40	RMS	25.58	-29.27	0.80	-95.23	61.72	-13.00	-23.40	Horizontal	
2	2028.00	-28.33	RMS	26.94	-28.23	0.32	-95.23	67.87	-13.00	-15.33	Horizontal	
3	2704.00	-52.08	RMS	28.38	-26.99	0.44	-95.23	41.32	-13.00	-39.08	Horizontal	
4	3380.00	-62.29	RMS	29.66	-26.06	0.32	-95.23	29.02	-13.00	-49.29	Horizontal	



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_241101 Vertical
: LTE B71 10M Ch133297 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
					dB/m	dB						
	MHz	dBm				dB	dB	dB	dBuV	dBm	dB	
1	1352.00	-32.67	RMS	25.58	-29.27	0.80	-95.23	65.45	-13.00	-19.67	Vertical	
2	2028.00	-31.00	RMS	26.94	-28.23	0.32	-95.23	65.20	-13.00	-18.00	Vertical	
3	2704.00	-48.89	RMS	28.38	-26.99	0.44	-95.23	44.51	-13.00	-35.89	Vertical	
4	3380.00	-60.85	RMS	29.66	-26.06	0.32	-95.23	30.46	-13.00	-47.85	Vertical	

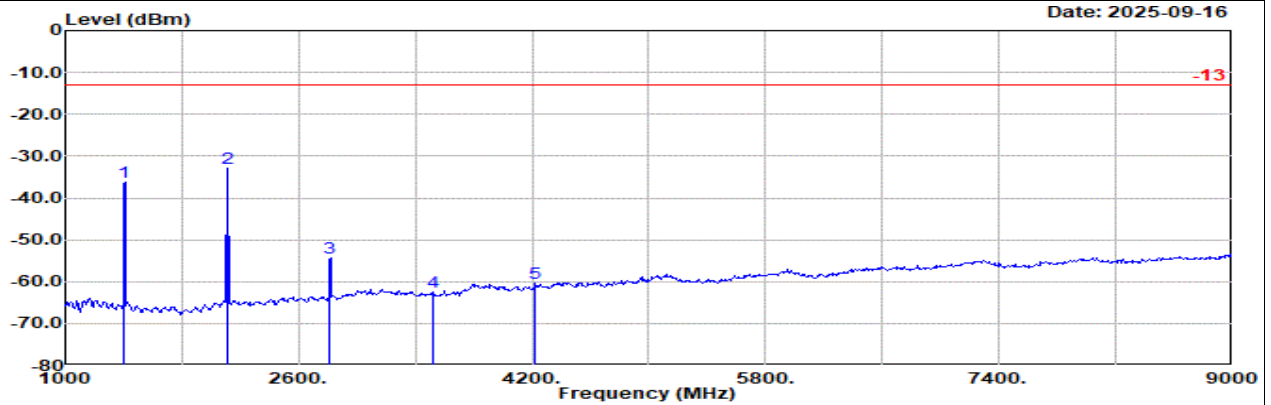


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Part 27H Mode 1

LTE B12 10M Ch23095 1RB0 QPSK

M

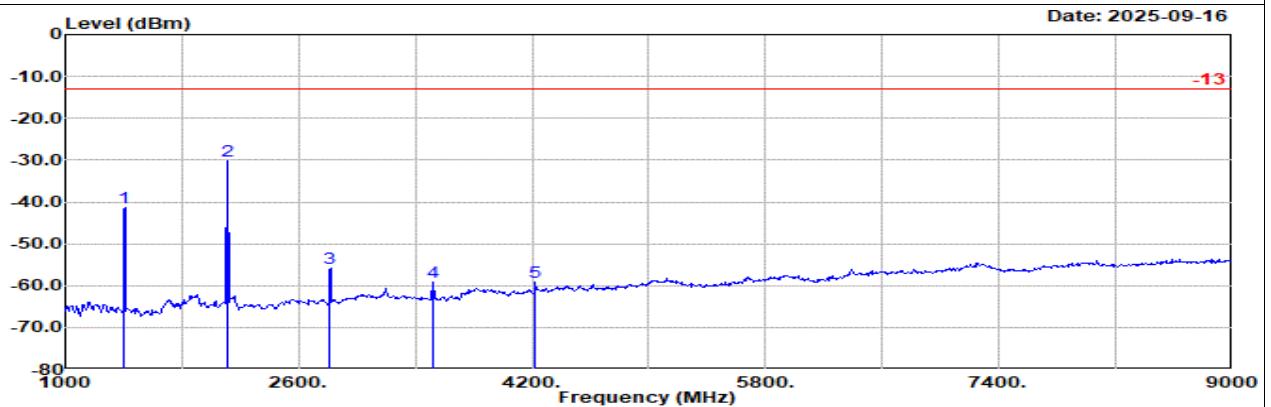


Site : 03CH20-HY

Condition: -13 3m HF_9120D_02360_241101 Horizontal

: LTE B12 10M Ch23095 1RB0 QPSK

	Freq	Level	Detector	Ant		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	Amp\Cb						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1406.00	-36.21	RMS	25.64	-29.17	0.73	-95.23	61.82	-13.00	-23.21	Horizontal
2	2109.00	-32.84	RMS	27.58	-28.09	0.31	-95.23	62.59	-13.00	-19.84	Horizontal
3	2812.00	-54.48	RMS	28.60	-26.73	0.41	-95.23	38.47	-13.00	-41.48	Horizontal
4	3515.00	-62.39	RMS	29.46	-25.85	0.32	-95.23	28.91	-13.00	-49.39	Horizontal
5	4218.00	-60.50	RMS	31.20	-25.53	0.33	-95.23	28.73	-13.00	-47.50	Horizontal



Site : 03CH20-HY

Condition: -13 3m HF_9120D_02360_241101 Vertical

: LTE B12 10M Ch23095 1RB0 QPSK

	Freq	Level	Detector	Ant		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	Amp\Cb						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1406.00	-41.30	RMS	25.64	-29.17	0.73	-95.23	56.73	-13.00	-28.30	Vertical
2	2109.00	-30.18	RMS	27.58	-28.09	0.31	-95.23	65.25	-13.00	-17.18	Vertical
3	2812.00	-55.73	RMS	28.60	-26.73	0.41	-95.23	37.22	-13.00	-42.73	Vertical
4	3515.00	-59.29	RMS	29.46	-25.85	0.32	-95.23	32.01	-13.00	-46.29	Vertical
5	4218.00	-59.27	RMS	31.20	-25.53	0.33	-95.23	29.96	-13.00	-46.27	Vertical

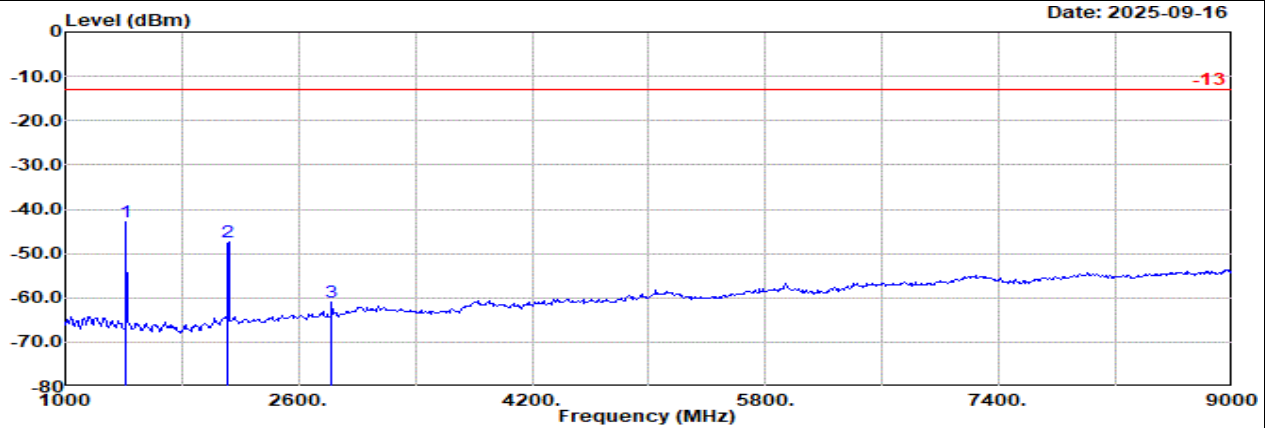


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Part 27H Mode 2

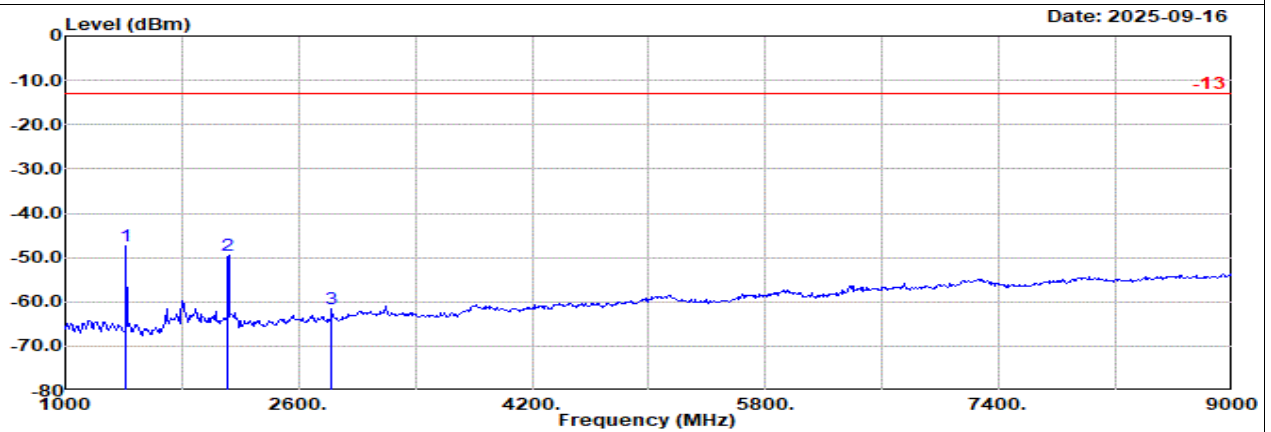
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M



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_241101 Horizontal
: LTE B17 10M Ch23790 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1			g			
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB
1	1411.00	-42.92	RMS	25.61	-29.16	0.73	-95.23	55.13	-13.00	-29.92	Horizontal
2	2117.00	-47.32	RMS	27.67	-28.08	0.31	-95.23	48.01	-13.00	-34.32	Horizontal
3	2822.00	-61.00	RMS	28.62	-26.70	0.41	-95.23	31.90	-13.00	-48.00	Horizontal



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_241101 Vertical
: LTE B17 10M Ch23790 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1			g			
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB
1	1411.00	-47.47	RMS	25.61	-29.16	0.73	-95.23	50.58	-13.00	-34.47	Vertical
2	2117.00	-49.42	RMS	27.67	-28.08	0.31	-95.23	45.91	-13.00	-36.42	Vertical
3	2822.00	-61.44	RMS	28.62	-26.70	0.41	-95.23	31.46	-13.00	-48.44	Vertical

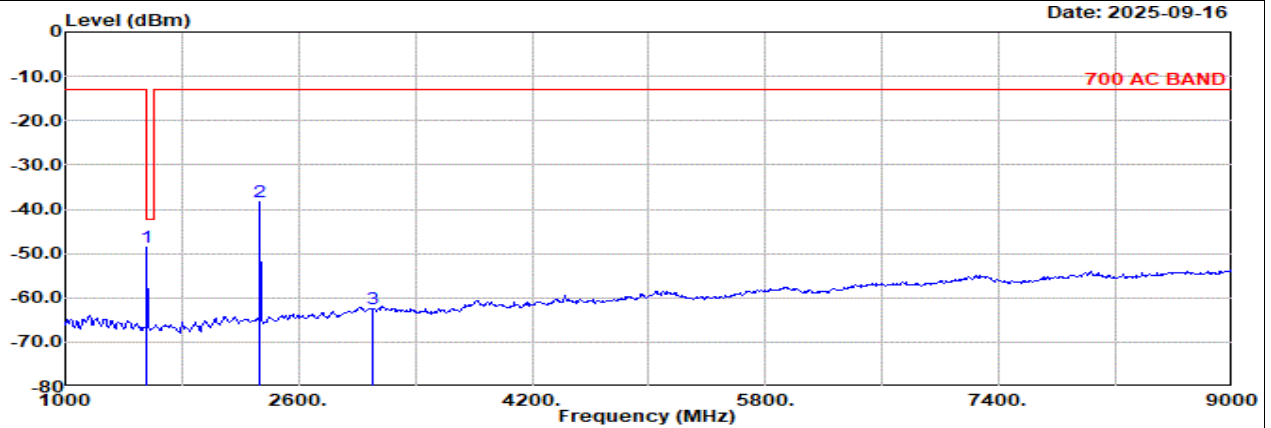


Ant. 0

Part 27F Mode 1

LTE B13 10M Ch23230 1RB0 QPSK

M

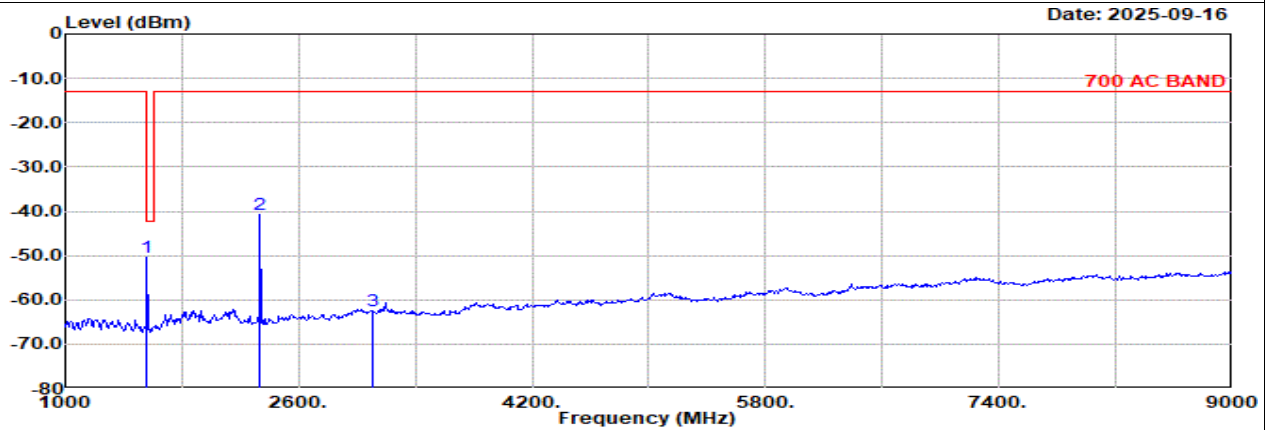


Site : 03CH20-HY

Condition: 700 AC BAND 3m HF_9120D_02360_241101 Horizontal

: LTE B13 10M Ch23230 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb		Filter	EIRPCF		Readin	Limit	Margin Pol	
	MHz	dBm		Factor	1		dB	dB	g	dBm	dB	
1	1555.00	-48.69	RMS	25.15	-28.91	0.55	-95.23	49.75	-13.00	-35.69	Horizontal	
2	2333.00	-38.23	RMS	27.27	-27.73	0.37	-95.23	57.09	-13.00	-25.23	Horizontal	
3	3110.00	-62.34	RMS	29.64	-26.23	0.32	-95.23	29.16	-13.00	-49.34	Horizontal	



Site : 03CH20-HY

Condition: 700 AC BAND 3m HF_9120D_02360_241101 Vertical

: LTE B13 10M Ch23230 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1555.00	-50.55	RMS	25.15	-28.91	0.55	-95.23	47.89	-13.00	-37.55	Vertical
2	2333.00	-40.71	RMS	27.27	-27.73	0.37	-95.23	54.61	-13.00	-27.71	Vertical
3	3110.00	-62.40	RMS	29.64	-26.23	0.32	-95.23	29.10	-13.00	-49.40	Vertical

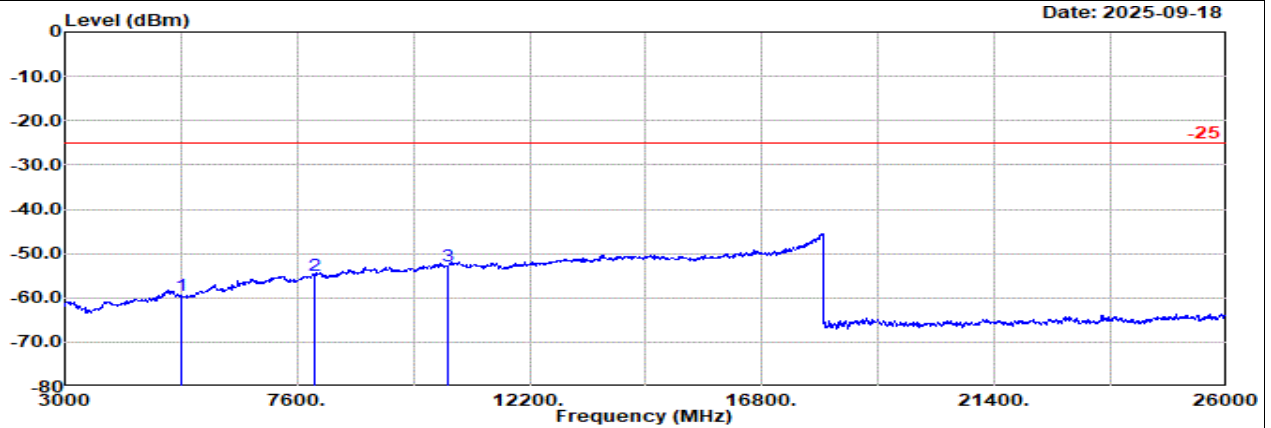


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Part 27M Mode 1

LTE B7 20M Ch21100 1RB0 QPSK

M

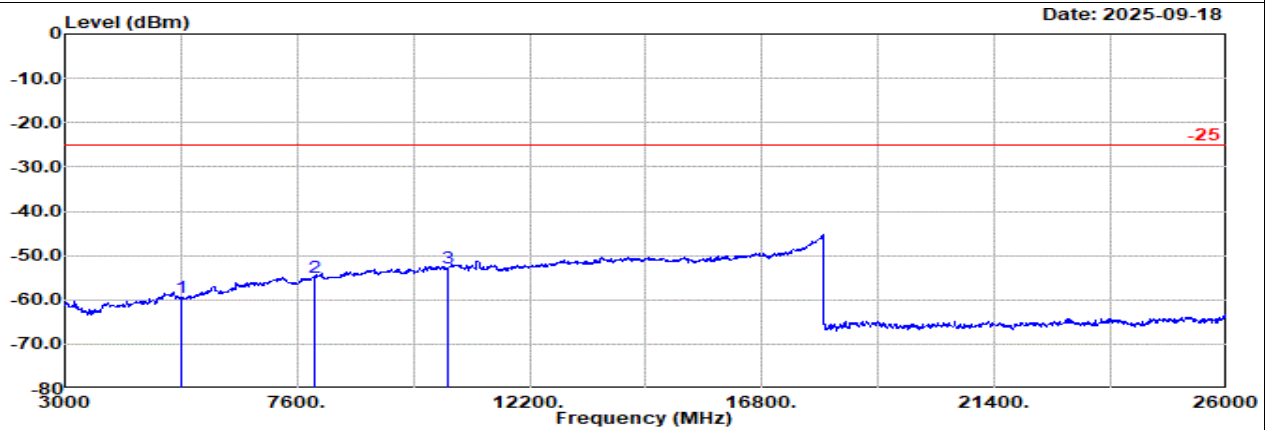


Site : 03CH20-HY

Condition: -25 1m BBHA9170_1223_250702 Horizontal

: LTE B7 20M Ch21100 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	5292.00	-59.55	RMS	32.82	-24.83	0.50	-95.23	27.19	-25.00	-34.55	Horizontal			
2	7938.00	-55.02	RMS	37.10	-22.92	0.54	-95.23	25.49	-25.00	-30.02	Horizontal			
3	10584.00	-52.79	RMS	38.80	-22.91	0.39	-95.23	26.16	-25.00	-27.79	Horizontal			



Site : 03CH20-HY

Condition: -25 1m BBHA9170_1223_250702 Vertical

: LTE B7 20M Ch21100 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	5292.00	-59.58	RMS	32.82	-24.83	0.50	-95.23	27.16	-25.00	-34.58	Vertical			
2	7938.00	-54.96	RMS	37.10	-22.92	0.54	-95.23	25.55	-25.00	-29.96	Vertical			
3	10584.00	-52.82	RMS	38.80	-22.91	0.39	-95.23	26.13	-25.00	-27.82	Vertical			

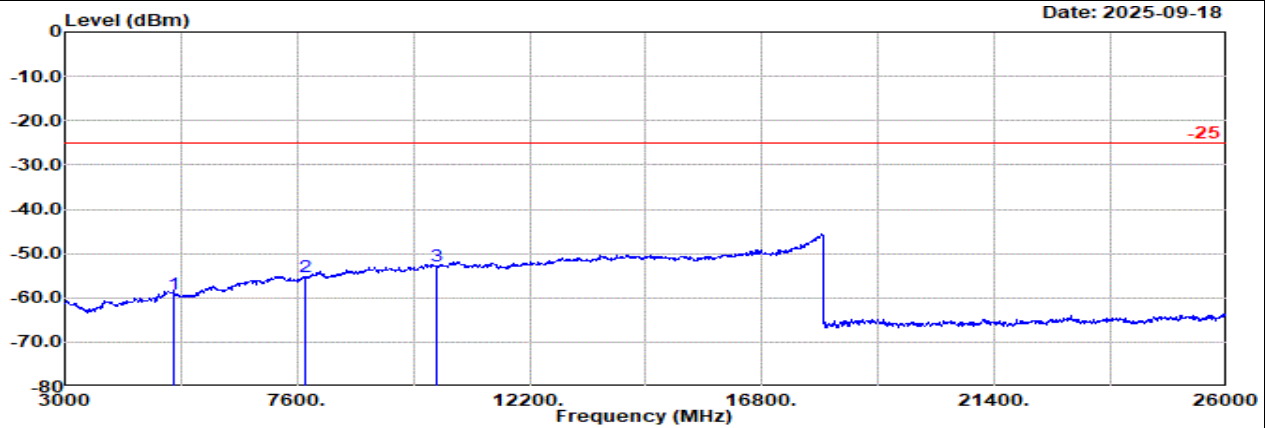


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Part 27M Mode 2

LTE B38 20M Ch38000 1RB0 QPSK

M

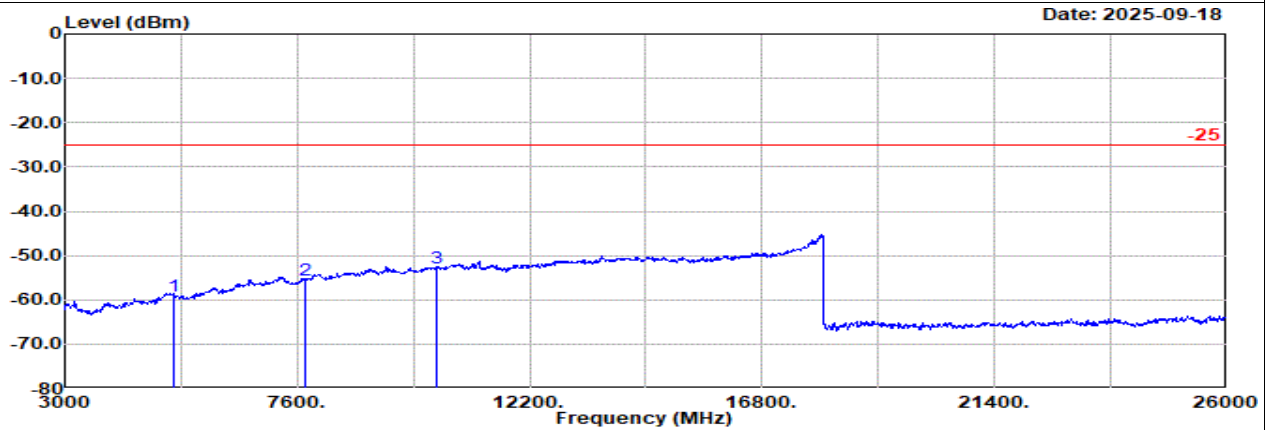


Site : 03CH20-HY

Condition: -25 1m BBHA9170_1223_250702 Horizontal

: LTE B38 20M Ch38000 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	5172.00	-59.03	RMS	33.08	-24.92	0.54	-95.23	27.50	-25.00	-34.03	Horizontal			
2	7758.00	-55.24	RMS	36.65	-23.05	0.50	-95.23	25.89	-25.00	-30.24	Horizontal			
3	10344.00	-52.85	RMS	38.79	-22.97	0.40	-95.23	26.16	-25.00	-27.85	Horizontal			



Site : 03CH20-HY

Condition: -25 1m BBHA9170_1223_250702 Vertical

: LTE B38 20M Ch38000 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	5172.00	-59.25	RMS	33.08	-24.92	0.54	-95.23	27.28	-25.00	-34.25	Vertical			
2	7758.00	-55.51	RMS	36.65	-23.05	0.50	-95.23	25.62	-25.00	-30.51	Vertical			
3	10344.00	-52.93	RMS	38.79	-22.97	0.40	-95.23	26.08	-25.00	-27.93	Vertical			

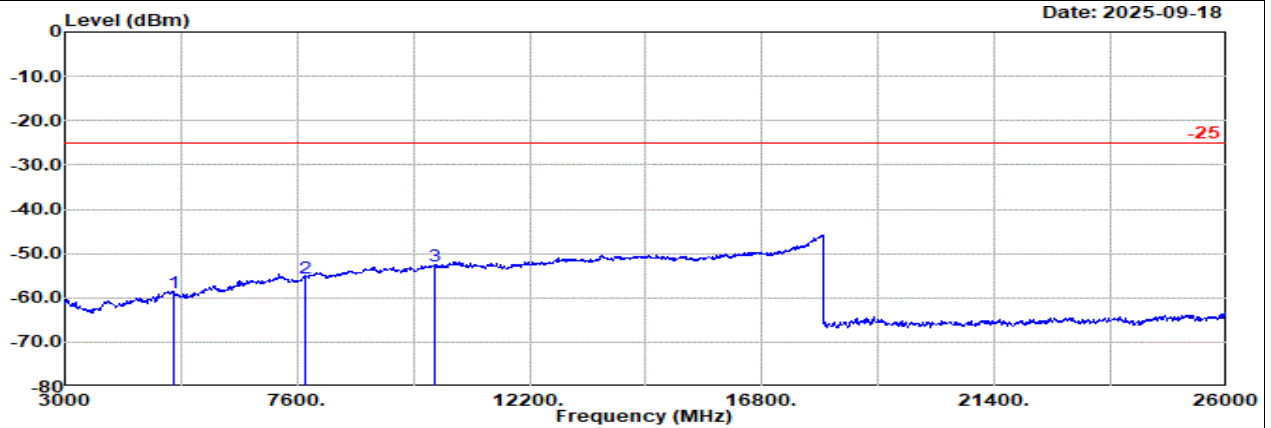


Ant. 0

Part 27M Mode 3

LTE B41 20M Ch40620 1RB0 QPSK

M

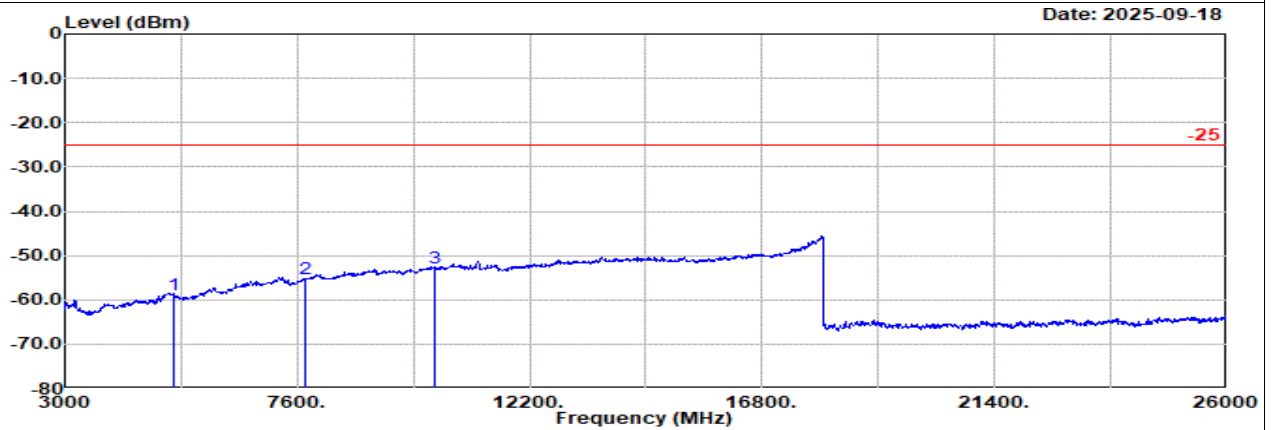


Site : 03CH20-HY

Condition: -25 1m BBHA9170_1223_250702 Horizontal

: LTE B41 20M Ch40620 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin Pol	
	MHz	dBm		Factor	1						
1	5168.00	-58.74	RMS	33.12	-24.92	0.54	-95.23	27.75	-25.00	-33.74	Horizontal
2	7752.00	-55.63	RMS	36.61	-23.05	0.49	-95.23	25.55	-25.00	-30.63	Horizontal
3	10336.00	-52.94	RMS	38.77	-22.97	0.40	-95.23	26.09	-25.00	-27.94	Horizontal



Site : 03CH20-HY

Condition: -25 1m BBHA9170_1223_250702 Vertical

: LTE B41 20M Ch40620 1RB0 QPSK

	Freq Level		Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin Pol	
	MHz	dBm		Factor	1						
1	5168.00	-58.94	RMS	33.12	-24.92	0.54	-95.23	27.55	-25.00	-33.94	Vertical
2	7752.00	-55.17	RMS	36.61	-23.05	0.49	-95.23	26.01	-25.00	-30.17	Vertical
3	10336.00	-52.94	RMS	38.77	-22.97	0.40	-95.23	26.09	-25.00	-27.94	Vertical

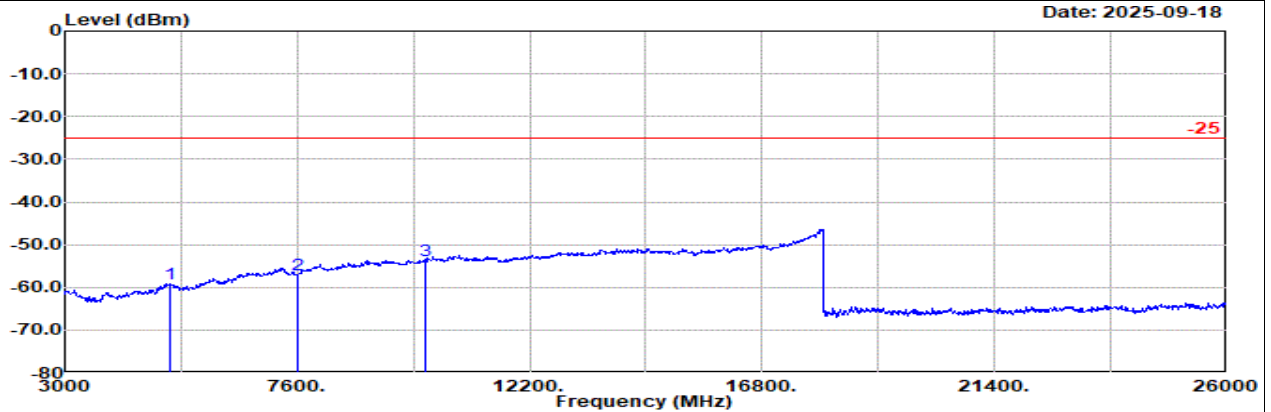


Ant. 0

Part 27M Mode 4

LTE CA B7C 20M + 20M Ch21001 1RB99 QPSK + Ch21199 1RB0 QPSK

M



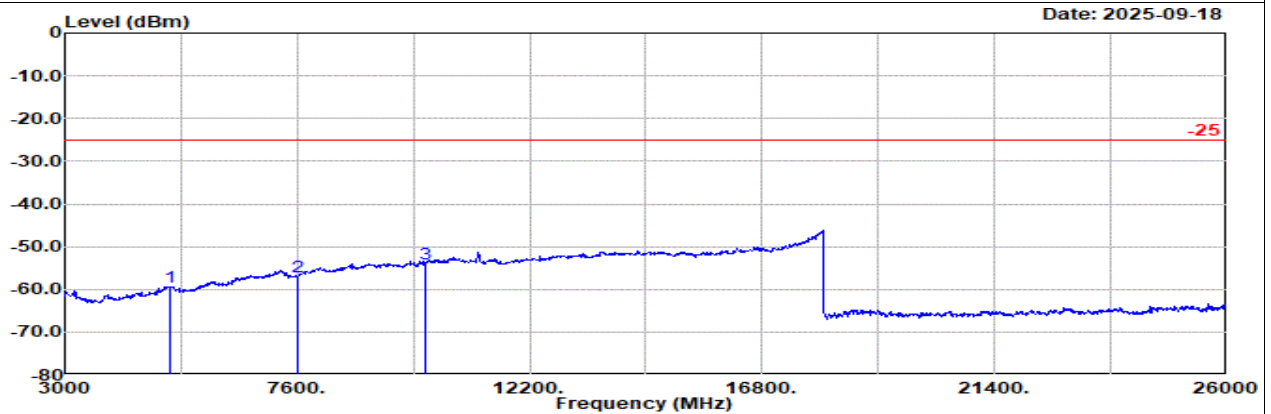
Site : 03CH20-HY

Condition: -25 1m BBHA9170_1223_250702 Horizontal

: LTE B7 20M Ch21001 1RB99 QPSK

: LTE B7 20M Ch21199 1RB0 QPSK

	Freq Level		Detector	Ant Factor	Amp\Cb		Filter	EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB		
1	5070.00	-59.31	RMS	33.26	-25.00	0.59	-95.23	27.07	-25.00	-34.31	Horizontal		
2	7605.00	-56.97	RMS	36.11	-23.06	0.38	-95.23	24.83	-25.00	-31.97	Horizontal		
3	10140.00	-53.78	RMS	38.50	-23.06	0.40	-95.23	25.61	-25.00	-28.78	Horizontal		



Site : 03CH20-HY

Condition: -25 1m BBHA9170_1223_250702 Vertical

: LTE B7 20M Ch21001 1RB99 QPSK

: LTE B7 20M Ch21199 1RB0 QPSK

	Freq Level		Detector	Ant Factor	Amp\Cb		Filter	EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB		
1	5070.00	-59.46	RMS	33.26	-25.00	0.59	-95.23	26.92	-25.00	-34.46	Vertical		
2	7605.00	-57.04	RMS	36.11	-23.06	0.38	-95.23	24.76	-25.00	-32.04	Vertical		
3	10140.00	-53.91	RMS	38.50	-23.06	0.40	-95.23	25.48	-25.00	-28.91	Vertical		

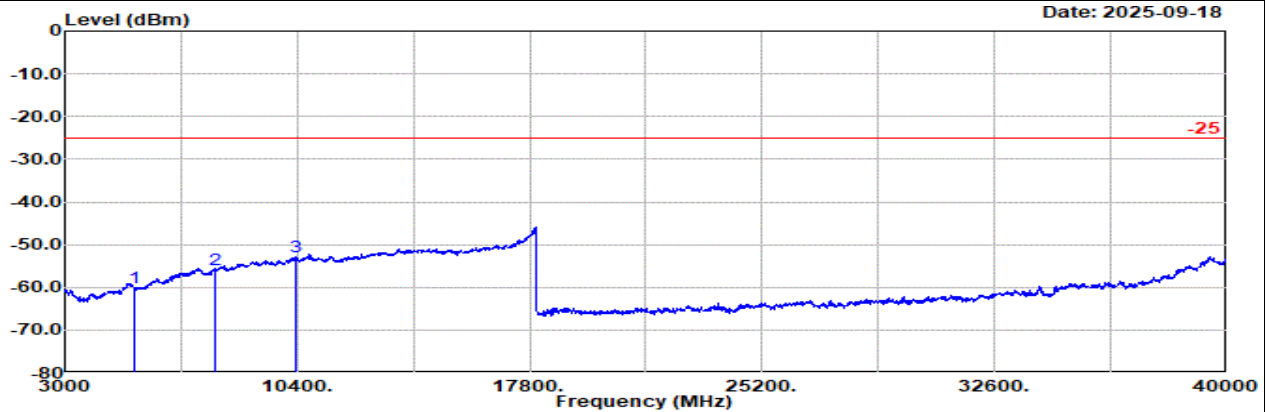


Ant. 0

Part 27M Mode 5

LTE CA B41C 20M + 20M Ch40521 1RB99 QPSK + Ch40719 1RB0 QPSK

M



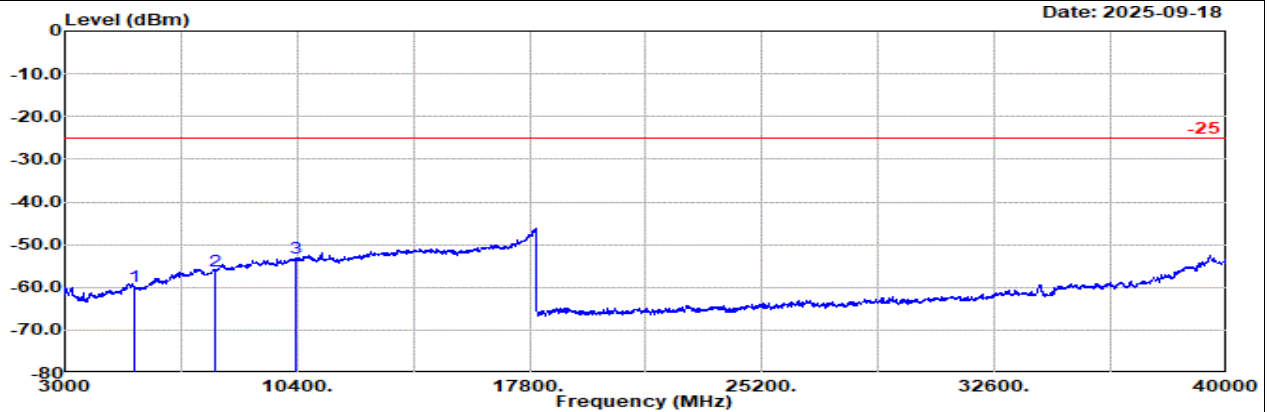
Site : 03CH20-HY

Condition: -25 1m BBHA9170_1223_250702 Horizontal

: LTE B41 20M Ch40521 1RB99 QPSK

: LTE B41 20M Ch40719 1RB0 QPSK

	Freq Level		Detector	Ant Factor		Amp\Cb		Filter	EIRPCF		Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB		dB	dB		dBuV	dBm	dB	
1	5186.00	-59.99	RMS	32.94	-24.91	0.54	-95.23	26.67	-25.00	-34.99	Horizontal				
2	7779.00	-55.92	RMS	36.77	-23.05	0.51	-95.23	25.08	-25.00	-30.92	Horizontal				
3	10372.00	-52.87	RMS	38.80	-22.95	0.40	-95.23	26.11	-25.00	-27.87	Horizontal				



Site : 03CH20-HY

Condition: -25 1m BBHA9170_1223_250702 Vertical

: LTE B41 20M Ch40521 1RB99 QPSK

: LTE B41 20M Ch40719 1RB0 QPSK

	Freq Level		Detector	Ant Factor		Amp\Cb		Filter	EIRPCF		Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB		dB	dB		dBuV	dBm	dB	
1	5186.00	-59.83	RMS	32.94	-24.91	0.54	-95.23	26.83	-25.00	-34.83	Vertical				
2	7779.00	-56.26	RMS	36.77	-23.05	0.51	-95.23	24.74	-25.00	-31.26	Vertical				
3	10372.00	-53.25	RMS	38.80	-22.95	0.40	-95.23	25.73	-25.00	-28.25	Vertical				

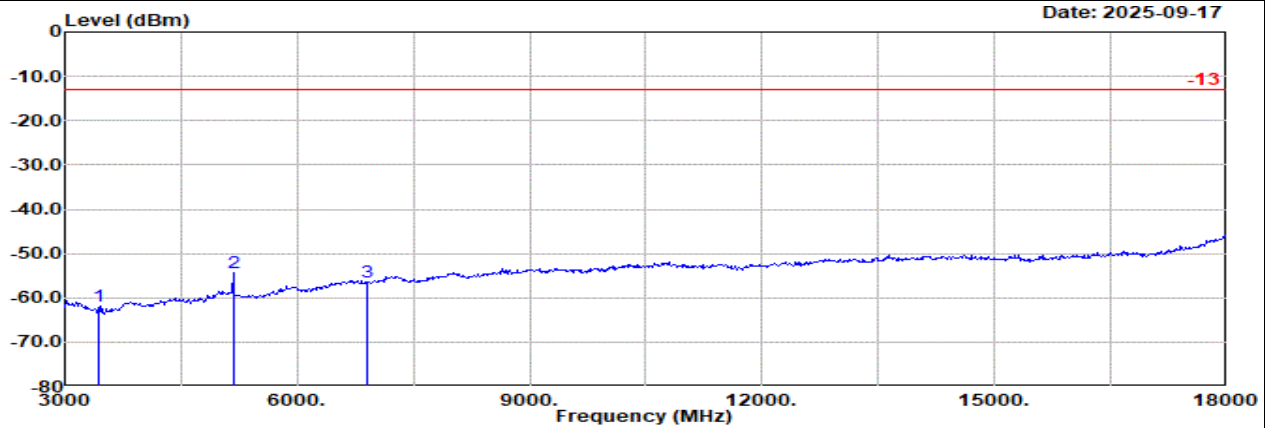


Ant. 0

Part 27L Mode 2

LTE B4 20M Ch20175 1RB0 QPSK

M

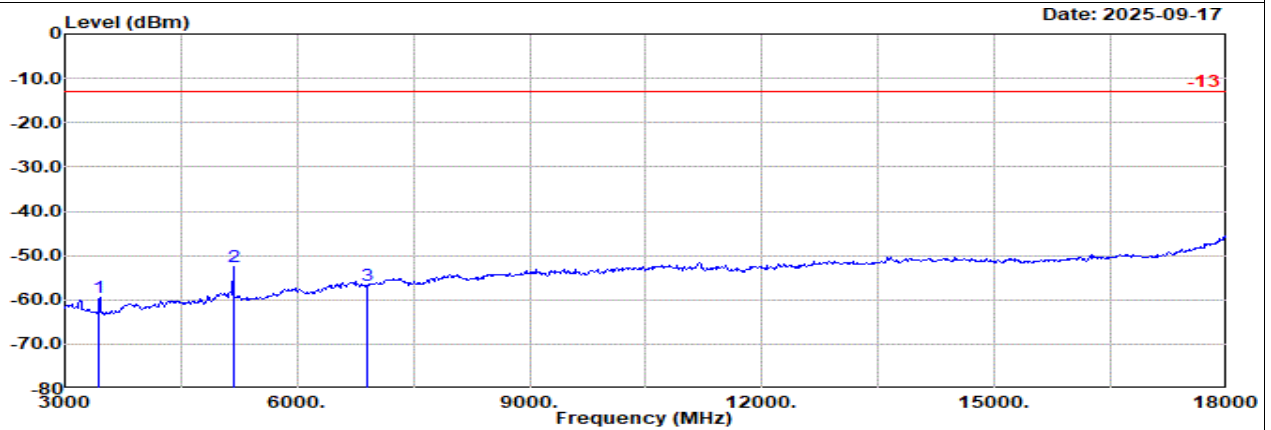


Site : 03CH20-HY

Condition: -13 3m HF_9120D_02360_241101 Horizontal

: LTE B4 20M Ch20175 1RB0 QPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Reading	Limit		Margin	Pol
	MHz	dBm			dB/m	dB		dBuV	dBm	dB		
1	3447.00	-61.89	RMS	29.51	-25.97	0.57	-95.23	29.23	-13.00	-48.89	Horizontal	
2	5170.00	-54.45	RMS	33.10	-24.92	0.54	-95.23	32.06	-13.00	-41.45	Horizontal	
3	6894.00	-56.54	RMS	35.80	-23.28	0.60	-95.23	25.57	-13.00	-43.54	Horizontal	



Site : 03CH20-HY

Condition: -13 3m HF_9120D_02360_241101 Vertical

: LTE B4 20M Ch20175 1RB0 QPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Reading	Limit		Margin	Pol
	MHz	dBm			dB/m	dB		dBuV	dBm	dB		
1	3447.00	-59.42	RMS	29.51	-25.97	0.57	-95.23	31.70	-13.00	-46.42	Vertical	
2	5170.00	-52.45	RMS	33.10	-24.92	0.54	-95.23	34.06	-13.00	-39.45	Vertical	
3	6894.00	-56.81	RMS	35.80	-23.28	0.60	-95.23	25.30	-13.00	-43.81	Vertical	

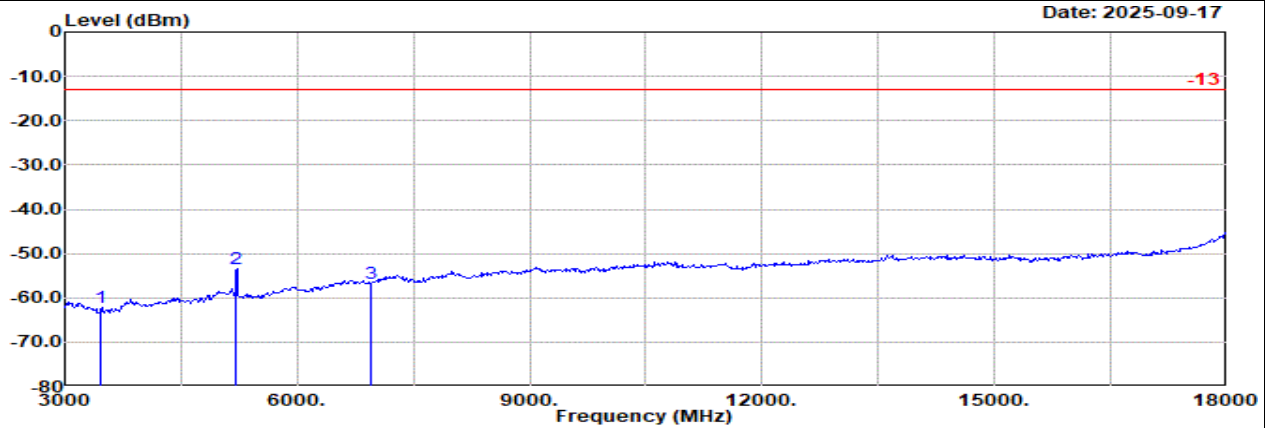


Ant. 0

Part 27L Mode 3

LTE B66 20M Ch132322 1RB0 QPSK

M

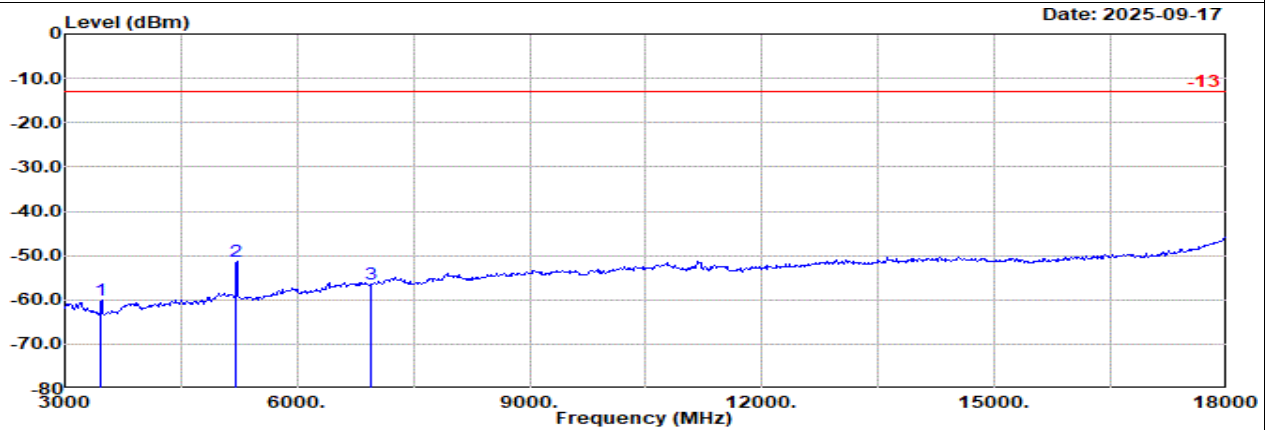


Site : 03CH20-HY

Condition: -13 3m HF_9120D_02360_241101 Horizontal

: LTE B66 20M Ch132322 1RB0 QPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm			dB/m	dB			dBuV	dBm	dB	
1	3472.00	-62.07	RMS	29.46	-25.93	0.58	-95.23	29.05	-13.00	-49.07	Horizontal	
2	5208.00	-53.40	RMS	32.82	-24.89	0.53	-95.23	33.37	-13.00	-40.40	Horizontal	
3	6944.00	-56.81	RMS	35.80	-23.25	0.58	-95.23	25.29	-13.00	-43.81	Horizontal	



Site : 03CH20-HY

Condition: -13 3m HF_9120D_02360_241101 Vertical

: LTE B66 20M Ch132322 1RB0 QPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm			dB/m	dB			dBuV	dBm	dB	
1	3472.00	-60.10	RMS	29.46	-25.93	0.58	-95.23	31.02	-13.00	-47.10	Vertical	
2	5208.00	-51.22	RMS	32.82	-24.89	0.53	-95.23	35.55	-13.00	-38.22	Vertical	
3	6944.00	-56.60	RMS	35.80	-23.25	0.58	-95.23	25.50	-13.00	-43.60	Vertical	

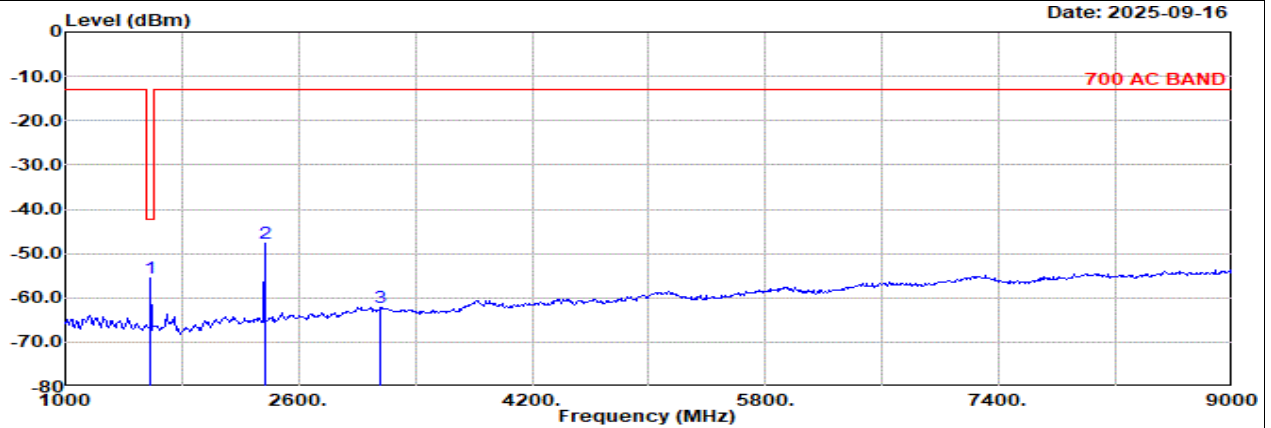


Ant. 0

Part 90R Mode 1

LTE B14 10M Ch23330 1RB0 QPSK

M

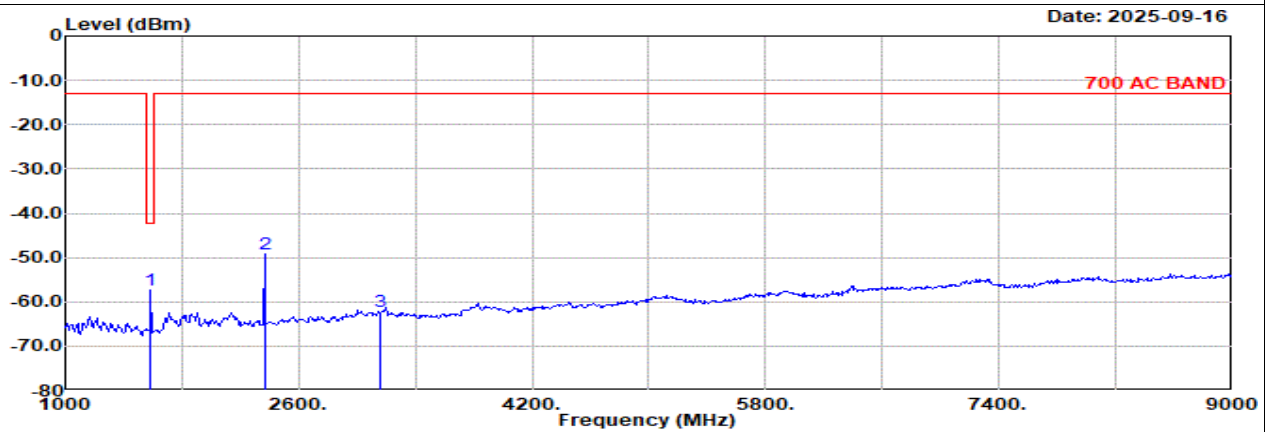


Site : 03CH20-HY

Condition: 700 AC BAND 3m HF_9120D_02360_241101 Horizontal

Mode : LTE B14 10M Ch23330 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm									
1	1577.00	-55.65	RMS	25.34	-28.88	0.53	-95.23	42.59	-42.15	-13.50	Horizontal
2	2365.00	-47.59	RMS	27.30	-27.68	0.39	-95.23	47.63	-13.00	-34.59	Horizontal
3	3154.00	-62.33	RMS	29.81	-26.22	0.32	-95.23	28.99	-13.00	-49.33	Horizontal



Site : 03CH20-HY

Condition: 700 AC BAND 3m HF_9120D_02360_241101 Vertical

Mode : LTE B14 10M Ch23330 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm									
1	1577.00	-57.31	RMS	25.34	-28.88	0.53	-95.23	40.93	-42.15	-15.16	Vertical
2	2365.00	-49.19	RMS	27.30	-27.68	0.39	-95.23	46.03	-13.00	-36.19	Vertical
3	3154.00	-62.26	RMS	29.81	-26.22	0.32	-95.23	29.06	-13.00	-49.26	Vertical

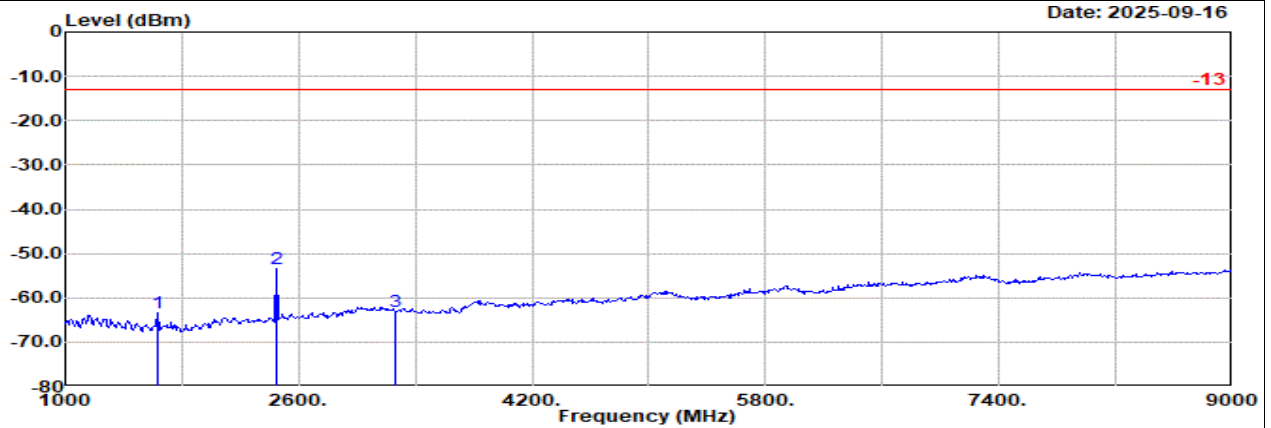


Ant. 0

Part 90S Mode 1

LTE B26 10M Ch26740 1RB0 QPSK

M

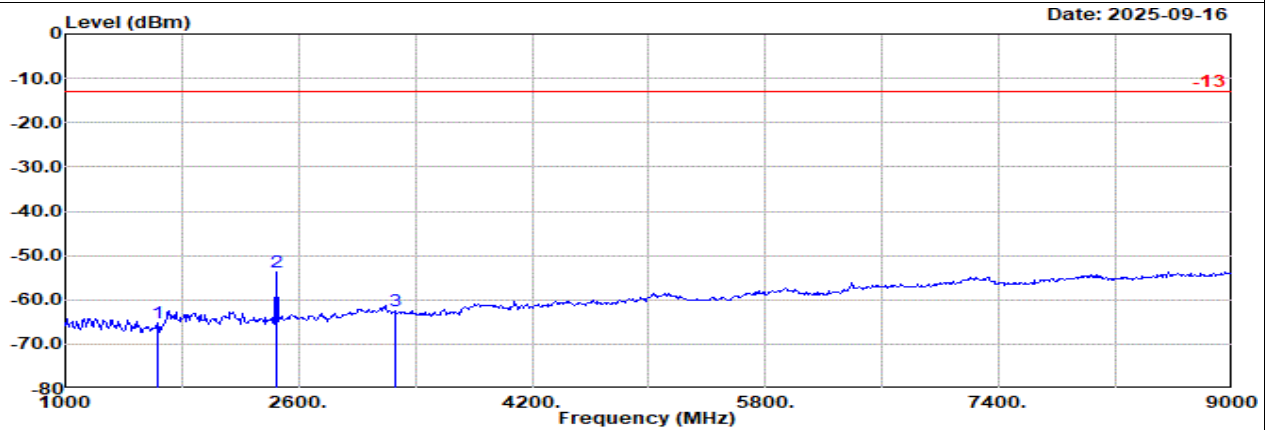


Site : 03CH20-HY

Condition: -13 3m HF_9120D_02360_241101 Horizontal

: LTE Band 26 10M Ch26740 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin		Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1629.00	-63.41	RMS	25.41	-28.80	0.49	-95.23	34.72	-13.00	-50.41	Horizontal
2	2443.00	-53.40	RMS	27.60	-27.56	0.42	-95.23	41.37	-13.00	-40.40	Horizontal
3	3258.00	-63.15	RMS	29.58	-26.17	0.32	-95.23	28.35	-13.00	-50.15	Horizontal



Site : 03CH20-HY

Condition: -13 3m HF_9120D_02360_241101 Vertical

: LTE Band 26 10M Ch26740 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin		Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1629.00	-65.12	RMS	25.41	-28.80	0.49	-95.23	33.01	-13.00	-52.12	Vertical
2	2443.00	-53.73	RMS	27.60	-27.56	0.42	-95.23	41.04	-13.00	-40.73	Vertical
3	3258.00	-62.64	RMS	29.58	-26.17	0.32	-95.23	28.86	-13.00	-49.64	Vertical

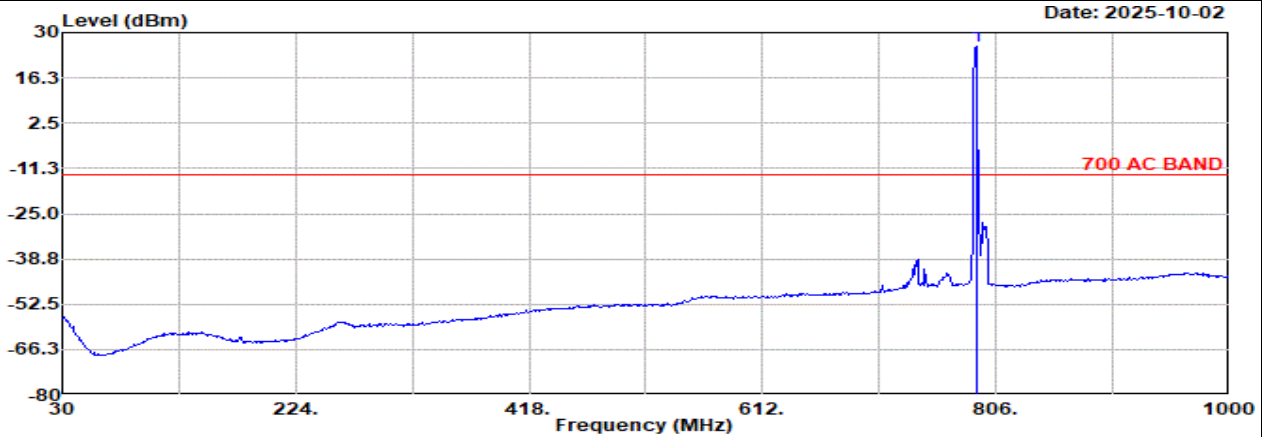


Ant. 0

Part 90R Mode 1

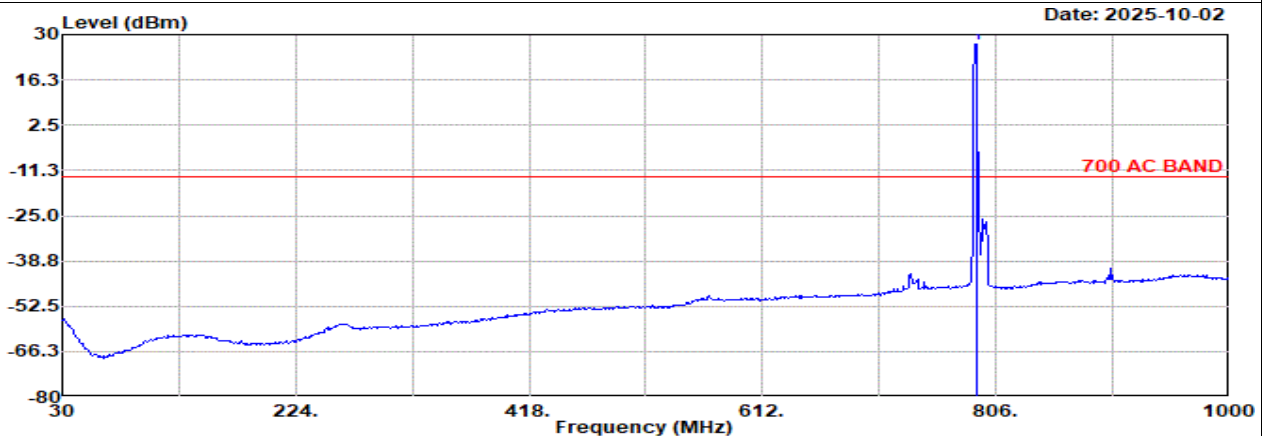
LTE B14 10M Ch23330 1RB0 QPSK

M



Site : 03CH20-HY
Condition: 700 AC BAND 3m Bilog_55606 & 08_241127 Horizontal
: LTE B14 10M Ch23330 1RB0 QPSK
: #1 is fundamental signal can be ignored

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	dB			dBuV	dBm		
1	789.51	25.72	RMS	28.24	4.95	0.00	-95.23	87.76	-13.00	38.72	Horizontal



Site : 03CH20-HY
Condition: 700 AC BAND 3m Bilog_55606 & 08_241127 Vertical
: LTE B14 10M Ch23330 1RB0 QPSK
: #1 is fundamental signal can be ignored

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	dB			dBuV	dBm		
1	789.51	27.17	RMS	28.24	4.95	0.00	-95.23	89.21	-13.00	40.17	Vertical