



FCC RADIO TEST REPORT

FCC ID : PY7-30515Z
Equipment : GSM/WCDMA/LTE/NR Phone with BT, DTS/UNII
a/b/g/n/ac/ax/be, NFC, GNSS and WPT
Brand Name : Sony
Applicant : Sony Corporation
1-7-1 Konan, Minato-ku , Tokyo, Japan 108-0075
Manufacturer : Sony Corporation
1-7-1 Konan, Minato-ku , Tokyo, Japan 108-0075
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(S)

The product was received on Nov. 27, 2025 and testing was performed from Dec. 18, 2025 to Feb. 06, 2026. 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 / TIA-603-E and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. 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 Measurement Results Explanation Example.....	10
2.5 Frequency List of Low/Middle/High Channels	11
3 Conducted Test Items.....	18
3.1 Measuring Instruments	18
3.2 Conducted Output Power and ERP/EIRP	19
3.3 Peak-to-Average Ratio	20
3.4 Occupied Bandwidth.....	21
3.5 Conducted Band Edge	22
3.6 Emission Mask.....	24
3.7 Conducted Spurious Emission	25
3.8 Frequency Stability	26
4 Radiated Test Items	27
4.1 Measuring Instruments	27
4.2 Radiated Spurious Emission Measurement	29
5 List of Measuring Equipment.....	30
6 Measurement Uncertainty	31
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
FG5N1805B	01	Initial issue of report	Mar. 12, 2026
FG5N1805B	02	Revise Test Mode This report is an updated version, replacing the report issued on Mar. 12, 2026.	Mar. 19, 2026



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	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)		
	§27.50 (h)(2)	Equivalent Isotropic Radiated Power (Band 2) (Band 25) (Band 41)		
	§27.50 (d)(4)	Equivalent Isotropic Radiated Power (Band 4) (Band 66)		
3.3	§24.232 (d) §27.50 (d)(5)	Peak-to-Average Ratio	Pass	-
3.4	§2.1049	Occupied Bandwidth	Pass	-
3.5	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2)(4) §27.53 (g) §27.53 (h)	Conducted Band Edge Measurement (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Band Edge Measurement (Band 41)		
3.6	§2.1051 §90.691	Emission masks (Band 26)	Pass	-
3.7	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (g) §27.53 (h) §90.691	Conducted Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (Band 41)		
3.8	§2.1055 §22.355 §24.235 §27.54 §90.213	Frequency Stability Temperature & Voltage	Pass	-



Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
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)	Pass	24.22 dB under the limit at 1560 MHz
	§2.1053 §27.53 (m)(4)	Radiated Spurious Emission (Band 41)		

Conformity Assessment Condition:

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

Disclaimer:

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

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



1 General Description

1.1 Product Feature of Equipment Under Test

Product Specification subject to this standard	
General Specs	GSM/WCDMA/LTE/5G NR, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ax/be, Wi-Fi 5GHz 802.11a/n/ac/ax/be, and BDS/Galileo/GLONASS/GPS/NFC/WPT
Antenna Type	WWAN: LOOP&PIFA Antenna

Support band and evaluated information	
Supported band	B2, B4, B5,B12,B13,B17,B25,B26,B41,B66,B41C
Evaluated and Tested band	B2, B4, B5,B12,B13,B17,B25,B26,B41,B66,B41C
Band covered information	Wider operating frequency band range covers narrower one when the power is worse as follows: ■ B12 cover B17 (Part 27) ■ B25 cover B2 (Part 24)

FDD/TDD band Power Class				
	SISO PC3			
B2	V			
B4	V			
B5	V			
B12	V			
B13	V			
B17	V			
B25	V			
B26	V			
B41/ B41C	V			
B66	V			

Max Antenna Gain information(dBi)							
Band	Ant 0	Ant 1	Ant 2			Main Ant. #	ENDC Ant. #
B2		-0.8	-3.8			1	2
B4		-1.5				1	
B5	-2.3					0	
B12	-3.1					0	
B13	-5					0	
B17	-3.1					0	
B25		-0.8				1	
B26	-2.3					0	
B41		-1.2				1	
B66		-1.5	-3.4			1	2



EUT Information List			
HW Version	SW Version	S/N	Performed Test Item
A	0.198	MATA28000660	Conducted Measurement ERP/EIRP
	0.198	MATA28000251	Radiated Spurious Emission

Specification of Accessory		
AC Adapter	Brand Name	Sony
	Model Name	XQZ-UC1
Earphone	Brand Name	Sony
	Model Name	MDR-EX15AP
USB Cable	Brand Name	Sony
	Model Name	XQZ-UB1

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

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, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No. 03CH07-HY
Test Engineer	Jesse Wang, Stan Hsieh and Ken Wu
Temperature (°C)	17.5~24.6
Relative Humidity (%)	44.7~65.1

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

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No. TH05-HY
Test Engineer	Wei Shun Hung
Temperature (°C)	22.3~22.9
Relative Humidity (%)	53.2~55.5
Remark	The Conducted 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(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. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.
3. The TAF code is not including all the FCC KDB listed without accreditation.

2 Test Configuration of Equipment Under Test

2.1 Test Mode

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

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

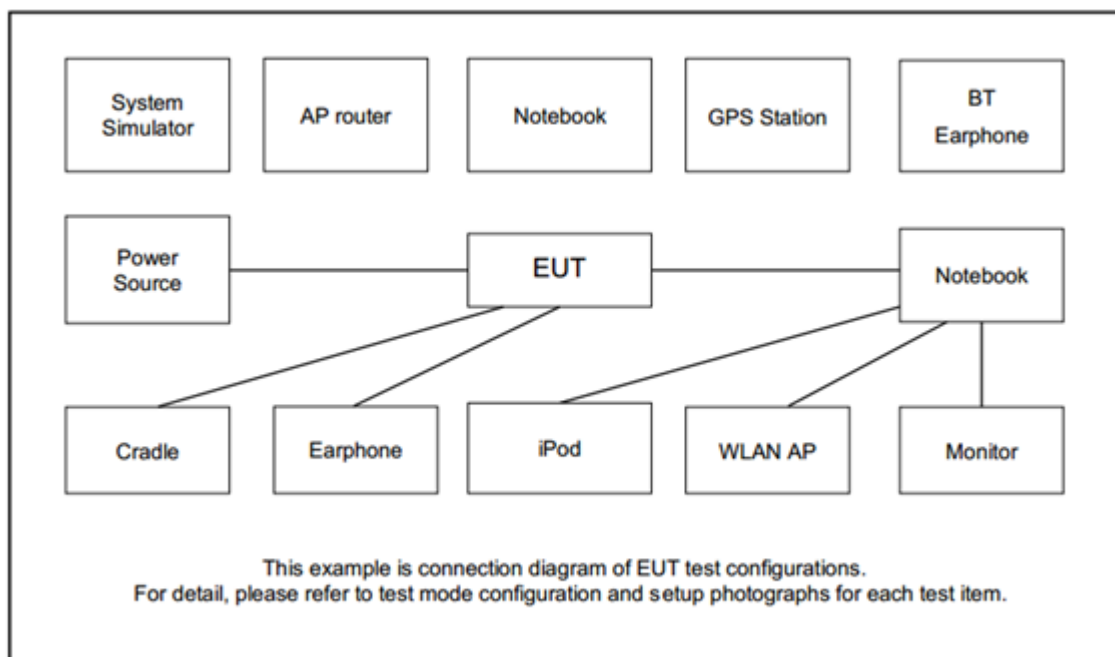
Modulation Type	Modulation
A	QPSK
B	16QAM
C	64QAM
D	256QAM

Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B, C, D	All	1, Half, Full	L, M, H
EIRP	A, B, C, D	All	1, Half, Full	L, M, H
PAR	A, B, C, D	Max	Full	M
Bandwidth	A, B	All	Full	M
CBE, Mask (Part 90)	A	All	1RB Full	L, H
CSE	A	All	1RB	L, M, H
Frequency Stability	A	10 MHz or less	Full	M
RSE	A	Max	1RB	L, M, H

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.
3. One representative bandwidth is selected to perform PAR and frequency stability.
4. The worst-case scenario for all measurements is based on an engineering evaluation made on different modulations, Output power measurements were measured on QPSK/16QAM/64QAM/256QAM modulations. For Other conducted test items were measured and the worst case is while QPSK/16QAM was set at or above target power, the report only performed QPSK/16QAM test results.
5. During the preliminary test, both charging modes (Adapter mode and WPT Charging mode) were verified. It is determined that the adaptor mode is the worst case for official test.

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	FCC ID	Data Cable	Power Cord
1.	Base Station	Anritsu	N/A	N/A	N/A
2.	Base Station	R&S	N/A	N/A	N/A

2.4 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.2 dB and 10dB attenuator.

Example :

$$\begin{aligned}
 \text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)} \\
 &= 4.2 + 10 = 14.2 \text{ (dB)}
 \end{aligned}$$



2.5 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 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 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 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 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

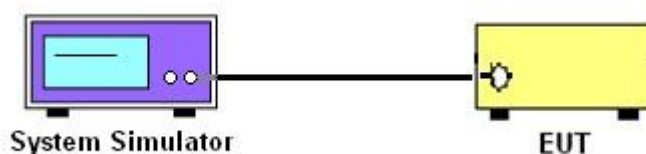
3 Conducted Test Items

3.1 Measuring Instruments

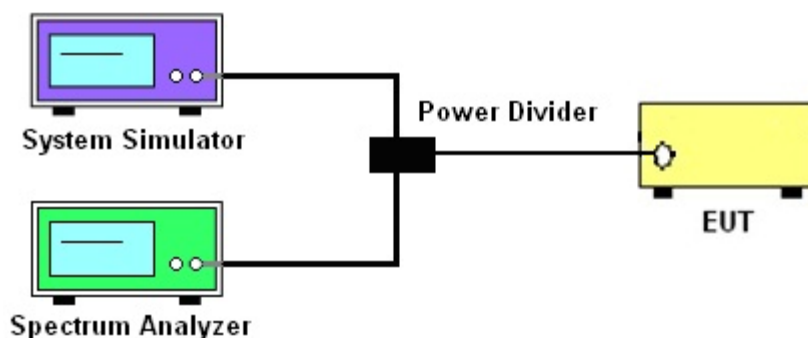
See list of measuring instruments of this test report.

3.1.1 Test Setup

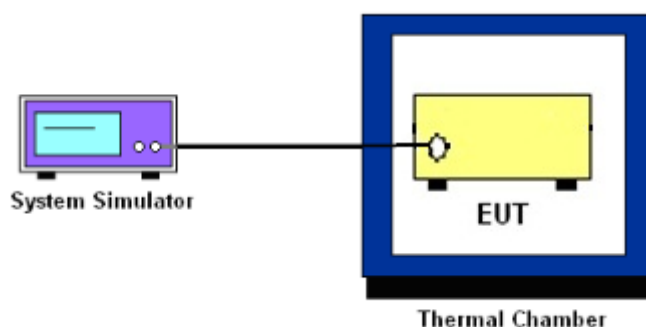
3.1.2 Conducted Output Power



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



3.1.4 Frequency Stability



3.1.5 Test Result of Conducted Test

Please refer to Appendix A.



3.2 Conducted Output Power and ERP/EIRP

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

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

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

The 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 17

The EIRP of mobile transmitters must not exceed 2 Watts for LTE Band 2, Band 25, 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.



3.3 Peak-to-Average Ratio

3.3.1 Description of the PAR Measurement

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

Note: The smallest unit forming an OFDMA signal is the subcarrier, and each subcarrier carries an equal amount of energy. Different bandwidths vary only in the number of subcarriers they contain. Therefore, for evaluation purposes, the PAPR (Peak-to-Average Power Ratio) is tested and report presents the test results conducted at the specifically bandwidth.

3.3.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.2.6

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



3.4 Occupied Bandwidth

3.4.1 Description of Occupied Bandwidth Measurement

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

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

3.4.2 Test Procedures

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

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



3.5 Conducted Band Edge

3.5.1 Description of Conducted Band Edge Measurement

22.917(a)

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

24.238 (a)

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

27.53 (c)

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

27.53 (g)

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

27.53 (h)

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



27.53(m)(4)

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

3.5.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

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

The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)

For LTE Band 41

The other 40 dB, and 55 dB have additionally applied same calculation above.



3.6 Emission Mask

3.6.1 Description of Emissions Mask Measurement

For LTE Band 26

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

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

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

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

3.6.2 Test Procedures

For LTE Band 26

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



3.7 Conducted Spurious Emission

3.7.1 Description of Conducted Spurious Emission Measurement

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

For LTE Band 41

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

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

3.7.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. The conducted spurious emission for the whole frequency range was taken.
4. Make the measurement with the spectrum analyzer's RBW = 100 kHz if the authorized frequency band/block is at or below 1 GHz and 1 MHz if the authorized frequency band/block is above 1 GH, VBW = 3 * RBW.
5. Set spectrum analyzer with RMS detector.
6. Taking the record of maximum spurious emission.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
8. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)

For LTE Band 41

The limit line is derived from $55 + 10\log(P)$ dB below the transmitter power P(Watts)



3.8 Frequency Stability

3.8.1 Description of Frequency Stability Measurement

22.355

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

24.235 & 27.54

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

3.8.2 Test Procedures for Temperature Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

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

3.8.3 Test Procedures for Voltage Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

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

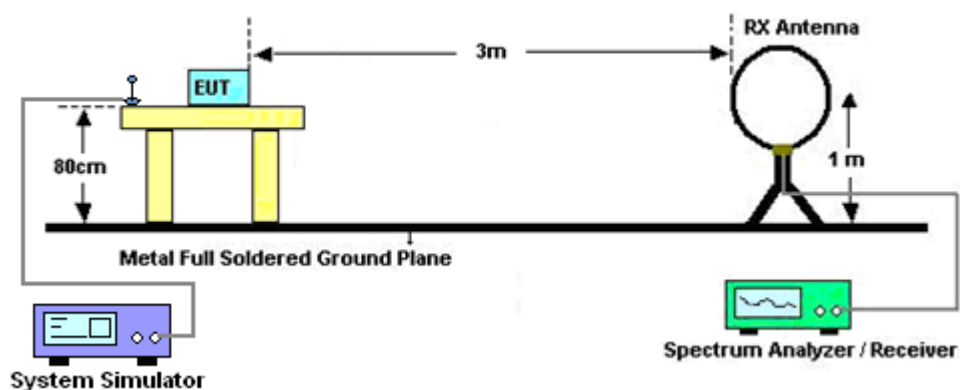
4 Radiated Test Items

4.1 Measuring Instruments

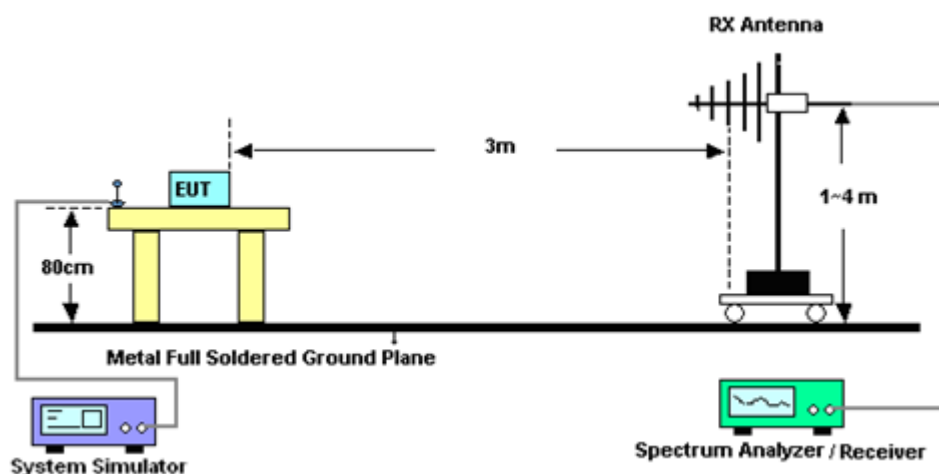
See list of measuring instruments of this test report.

4.1.1 Test Setup

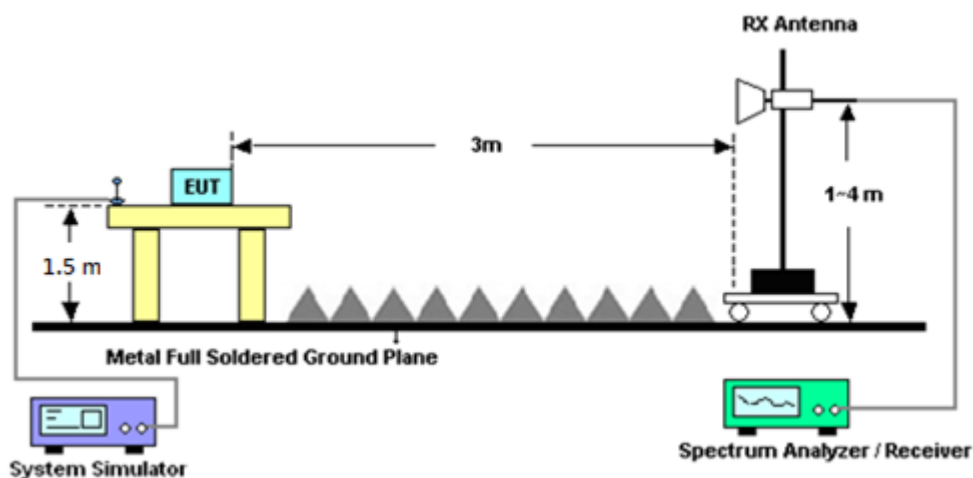
For radiated test below 30MHz



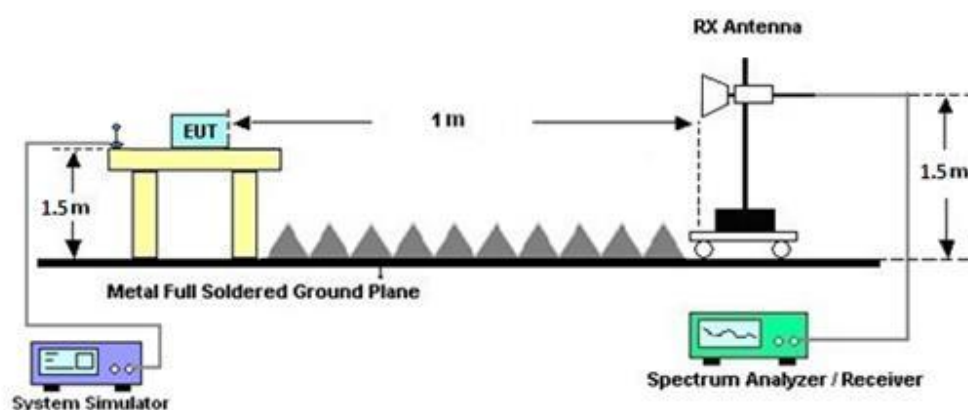
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



4.1.2 Test Result of Radiated Test

Please refer to Appendix 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 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.

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.



5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	35419 & 03	30MHz~1GHz	Apr. 21, 2025	Dec. 27, 2025~Feb. 02, 2026	Apr. 20, 2026	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Mar. 06, 2025	Dec. 27, 2025~Feb. 02, 2026	Mar. 05, 2026	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-00101800-30-10P	1590075	1GHz~18GHz	Apr. 18, 2025	Dec. 27, 2025~Feb. 02, 2026	Apr. 17, 2026	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Aug. 08, 2025	Dec. 27, 2025~Feb. 02, 2026	Aug. 07, 2026	Radiation (03CH07-HY)
Signal Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Mar. 28, 2025	Dec. 27, 2025~Feb. 02, 2026	Mar. 27, 2026	Radiation (03CH07-HY)
Double Ridged Guide Horn Antenna	ETS-Lindgren	3117	00075962	1GHz ~ 18GHz	Dec. 09, 2025	Dec. 27, 2025~Feb. 02, 2026	Dec. 08, 2026	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4 MY24971/4 MY15682/4	30MHz to 18GHz	Feb. 20, 2025	Dec. 27, 2025~Feb. 02, 2026	Feb. 19, 2026	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4 MY24971/4	9kHz to 30MHz	Feb. 20, 2025	Dec. 27, 2025~Feb. 02, 2026	Feb. 19, 2026	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/126E	30MHz~18GHz	Sep. 13, 2025	Dec. 27, 2025~Feb. 02, 2026	Sep. 12, 2026	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Feb. 20, 2025	Dec. 27, 2025~Feb. 02, 2026	Feb. 19, 2026	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	Apr. 23, 2025	Dec. 27, 2025~Feb. 02, 2026	Apr. 22, 2026	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Dec. 27, 2025~Feb. 02, 2026	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	Dec. 27, 2025~Feb. 02, 2026	N/A	Radiation (03CH07-HY)
Antenna Mast	MF	MF-7802	N/A	Control Turn table	N/A	Dec. 27, 2025~Feb. 02, 2026	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Dec. 27, 2025~Feb. 02, 2026	N/A	Radiation (03CH07-HY)
Software	Audix	E3	RK-002396	N/A	N/A	Dec. 27, 2025~Feb. 02, 2026	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2495	N/A	Feb. 24, 2025	Dec. 27, 2025~Feb. 02, 2026	Feb. 23, 2026	Radiation (03CH07-HY)
Horn Antenna	SCHWARZBECK	BBHA9170	00991	18GHz-40GHz	May 29, 2025	Dec. 27, 2025~Feb. 02, 2026	May 28, 2026	Radiation (03CH07-HY)
Radio Communication Analyzer	Anritsu	MT8821C	6262025341	LTE FDD/TDD LTE-2CC ULCA/DLCA	Sep. 16, 2025	Dec. 18, 2025~Feb. 06, 2026	Sep. 15, 2026	Conducted (TH05-HY)
DC Power Supply	GW Instek	GPE-2323	GET861546	0V~64V ; 0A~6A	Jun. 03, 2025	Dec. 18, 2025~Feb. 06, 2026	Jun. 02, 2026	Conducted (TH05-HY)
Coupler	MVE	MVE4816	#Y	0.5~18GHz	Oct. 16, 2025	Dec. 18, 2025~Feb. 06, 2026	Oct. 15, 2026	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101907	10Hz~40GHz	Aug. 25, 2025	Dec. 18, 2025~Feb. 06, 2026	Aug. 24, 2026	Conducted (TH05-HY)
Thermal Chamber	ESPEC	SU-241	92003713	-30°C ~95°C	May 12, 2025	Dec. 18, 2025~Feb. 06, 2026	May 11, 2026	Conducted (TH05-HY)
Power divider	Anritsu	K241C	2143398	9KHz~40GHz	Jun. 13, 2025	Dec. 18, 2025~Feb. 06, 2026	Jun. 12, 2026	Conducted (TH05-HY)
Software	Sporton	LTE Conducted Test Tools	N/A	Conducted Test Item	N/A	Dec. 18, 2025~Feb. 06, 2026	N/A	Conducted (TH05-HY)
Hygrometer	TECPEL	DTM-303B	TP200886	-10 ~ 50°C / 20 ~ 95%RH	Mar. 03, 2025	Dec. 18, 2025~Feb. 06, 2026	Mar. 02, 2026	Conducted (TH05-HY)

6 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.3 dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.7 dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.5 dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.9 dB
---	--------

Appendix A. Test Results of Conducted Test

Conducted Output Power (Average power and ERI/EIRP)

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	16.55	16.90	16.63	16.10	0.0407
20	1	49		16.62	16.68	16.49		
20	1	99		16.67	16.55	16.50		
20	50	0		16.62	16.67	16.60		
20	50	24		16.64	16.60	16.58		
20	50	50		16.57	16.78	16.60		
20	100	0		16.68	16.69	16.63		
20	1	0	16-QAM	17.04	16.94	16.84	16.56	0.0453
20	1	49		16.95	17.01	16.99		
20	1	99		17.36	16.79	17.03		
20	50	0		16.57	16.74	16.63		
20	50	24		16.64	16.76	16.62		
20	50	50		16.72	16.75	16.70		
20	100	0		16.71	16.64	16.57		
20	1	0	64-QAM	16.98	17.17	16.97	16.37	0.0434
20	1	49		16.92	16.68	16.57		
20	1	99		16.63	16.92	16.75		
20	50	0		16.45	16.77	16.65		
20	50	24		16.76	16.76	16.72		
20	50	50		16.61	16.65	16.66		
20	100	0		16.75	16.76	16.50		
20	1	0	256-QAM	16.85	16.94	17.07	16.27	0.0424
20	1	49		16.75	16.78	16.92		
20	1	99		16.56	16.88	16.71		
20	50	0		16.69	16.72	16.60		
20	50	24		16.74	16.67	16.62		
20	50	50		16.70	16.78	16.72		
20	100	0		16.56	16.66	16.56		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	16.86	16.93	16.90	16.13	0.0410
15	1	37		16.45	16.71	16.58		
15	1	74		16.59	16.56	16.31		
15	36	0		16.56	16.59	16.57		
15	36	20		16.76	16.66	16.63		
15	36	39		16.64	16.79	16.62		
15	75	0		16.70	16.73	16.53		
15	1	0	16-QAM	16.94	16.86	16.89	16.73	0.0471
15	1	37		16.93	16.98	17.03		
15	1	74		16.91	17.53	16.74		
15	36	0		16.68	16.72	16.67		
15	36	20		16.51	16.67	16.79		
15	36	39		16.62	16.76	16.54		
15	75	0		16.55	17.01	16.59		
15	1	0	64-QAM	16.92	17.17	16.92	16.71	0.0469
15	1	37		16.87	16.93	17.51		
15	1	74		16.61	16.90	16.76		
15	36	0		16.66	16.70	16.68		
15	36	20		16.74	16.62	16.67		
15	36	39		16.76	16.81	16.67		
15	75	0		16.80	16.56	16.53		
15	1	0	256-QAM	16.94	17.00	17.05	16.25	0.0422
15	1	37		16.71	16.64	16.58		
15	1	74		16.44	16.59	16.67		
15	36	0		16.57	16.54	16.59		
15	36	20		16.71	16.76	16.69		
15	36	39		16.70	16.75	16.58		
15	75	0		16.62	16.64	16.49		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	16.57	16.80	16.42	16.00	0.0398
10	1	25		16.51	16.77	16.60		
10	1	49		16.58	16.53	16.55		
10	25	0		16.63	16.49	16.48		
10	25	12		16.74	16.57	16.55		
10	25	25		16.66	16.76	16.59		
10	50	0		16.71	16.63	16.59		
10	1	0	16-QAM	16.94	17.00	16.97	16.29	0.0426
10	1	25		16.87	16.83	16.81		
10	1	49		16.80	17.09	16.68		
10	25	0		16.47	16.62	16.66		
10	25	12		16.78	16.71	16.60		
10	25	25		16.68	16.72	16.28		
10	50	0		16.60	16.65	16.68		
10	1	0	64-QAM	17.12	17.11	16.93	16.32	0.0429
10	1	25		16.71	17.12	16.87		
10	1	49		16.93	16.86	16.76		
10	25	0		16.55	16.65	16.67		
10	25	12		16.72	16.69	16.51		
10	25	25		16.75	16.68	16.56		
10	50	0		16.51	16.98	16.79		
10	1	0	256-QAM	16.51	16.92	16.56	16.12	0.0409
10	1	25		16.78	16.63	16.63		
10	1	49		16.78	16.68	16.52		
10	25	0		16.56	16.63	16.61		
10	25	12		16.60	16.81	16.58		
10	25	25		16.78	16.70	16.63		
10	50	0		16.68	16.62	16.73		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	17.00	16.89	16.81	16.20	0.0417
5	1	12		16.53	16.61	16.65		
5	1	24		16.55	16.49	16.44		
5	12	0		16.74	16.75	16.65		
5	12	7		16.70	16.72	16.54		
5	12	13		16.63	16.83	16.65		
5	25	0		16.52	16.74	16.52		
5	1	0	16-QAM	17.11	17.23	17.19	16.52	0.0449
5	1	12		16.99	17.32	17.11		
5	1	24		16.89	17.17	17.00		
5	12	0		16.72	16.75	16.73		
5	12	7		16.76	16.67	16.56		
5	12	13		16.67	16.72	16.56		
5	25	0		16.72	16.57	16.57		
5	1	0	64-QAM	16.80	17.04	17.09	16.32	0.0429
5	1	12		16.89	16.74	16.35		
5	1	24		16.72	17.12	16.99		
5	12	0		16.78	16.73	16.79		
5	12	7		16.76	16.57	16.72		
5	12	13		16.69	16.77	16.63		
5	25	0		16.61	16.69	16.64		
5	1	0	256-QAM	16.92	16.85	17.05	16.25	0.0422
5	1	12		16.77	16.69	17.00		
5	1	24		16.80	16.71	16.92		
5	12	0		16.67	16.71	16.69		
5	12	7		16.77	16.63	16.60		
5	12	13		16.65	16.58	16.59		
5	25	0		16.70	16.69	16.59		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	16.50	16.88	16.37	16.08	0.0406
3	1	8		16.59	16.67	16.54		
3	1	14		16.22	16.52	16.58		
3	8	0		16.63	16.52	16.41		
3	8	4		16.54	16.63	16.66		
3	8	7		16.56	16.69	16.51		
3	15	0		16.63	16.69	16.50		
3	1	0	16-QAM	17.00	16.98	16.71	16.38	0.0435
3	1	8		17.18	17.02	16.93		
3	1	14		16.87	16.80	16.90		
3	8	0		16.80	16.58	16.68		
3	8	4		16.80	16.81	16.94		
3	8	7		16.74	16.83	16.65		
3	15	0		16.58	16.70	16.49		
3	1	0	64-QAM	17.02	17.11	17.00	16.31	0.0428
3	1	8		16.82	16.91	17.11		
3	1	14		16.59	16.81	16.59		
3	8	0		16.67	16.78	16.59		
3	8	4		16.54	16.83	16.63		
3	8	7		16.53	16.75	16.61		
3	15	0		16.67	16.71	16.56		
3	1	0	256-QAM	16.90	16.82	16.77	16.1	0.0407
3	1	8		16.81	16.77	16.65		
3	1	14		16.63	16.72	16.58		
3	8	0		16.57	16.60	16.55		
3	8	4		16.69	16.82	16.65		
3	8	7		16.56	16.70	16.58		
3	15	0		16.64	16.67	16.53		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	16.55	16.90	16.31	16.10	0.0407
1.4	1	3		16.40	16.61	16.34		
1.4	1	5		16.48	16.57	16.42		
1.4	3	0		16.57	16.60	16.60		
1.4	3	1		16.73	16.57	16.51		
1.4	3	3		16.50	16.60	16.53		
1.4	6	0		16.52	16.64	16.43		
1.4	1	0	16-QAM	17.07	16.88	16.79	16.57	0.0454
1.4	1	3		17.37	17.30	16.90		
1.4	1	5		17.06	16.93	16.61		
1.4	3	0		16.64	16.98	16.72		
1.4	3	1		16.75	16.94	16.64		
1.4	3	3		16.59	16.81	16.73		
1.4	6	0		16.84	16.67	16.63		
1.4	1	0	64-QAM	16.96	17.55	16.92	16.75	0.0473
1.4	1	3		17.07	16.74	16.97		
1.4	1	5		16.59	16.72	16.79		
1.4	3	0		16.80	16.77	16.68		
1.4	3	1		16.89	16.83	16.75		
1.4	3	3		16.78	16.78	16.74		
1.4	6	0		16.68	16.77	16.56		
1.4	1	0	256-QAM	16.78	16.66	16.99	16.19	0.0416
1.4	1	3		16.70	16.77	16.85		
1.4	1	5		16.77	16.85	16.46		
1.4	3	0		16.74	16.76	16.51		
1.4	3	1		16.77	16.77	16.67		
1.4	3	3		16.47	16.79	16.39		
1.4	6	0		16.79	16.70	16.58		
Limit	EIRP < 2W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -1.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	14.64	14.65	14.54	13.20	0.0209
20	1	49		14.63	14.59	14.53		
20	1	99		14.45	14.36	14.36		
20	50	0		14.68	14.70	14.52		
20	50	24		14.65	14.63	14.59		
20	50	50		14.63	14.55	14.50		
20	100	0		14.64	14.65	14.55		
20	1	0	16-QAM	14.93	14.93	14.88	13.47	0.0222
20	1	49		14.97	14.88	14.82		
20	1	99		14.74	14.70	14.59		
20	50	0		14.72	14.62	14.54		
20	50	24		14.67	14.64	14.60		
20	50	50		14.67	14.55	14.52		
20	100	0		14.67	14.61	14.57		
20	1	0	64-QAM	14.80	14.72	14.74	13.32	0.0215
20	1	49		14.82	14.75	14.75		
20	1	99		14.67	14.60	14.64		
20	50	0		14.72	14.61	14.54		
20	50	24		14.72	14.63	14.59		
20	50	50		14.64	14.55	14.50		
20	100	0		14.68	14.57	14.54		
20	1	0	256-QAM	14.46	14.41	14.30	13.12	0.0205
20	1	49		14.62	14.56	14.44		
20	1	99		14.38	14.39	14.26		
20	50	0		14.45	14.43	14.33		
20	50	24		14.58	14.56	14.46		
20	50	50		14.47	14.41	14.25		
20	100	0		14.58	14.54	14.41		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -1.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	14.73	14.73	14.61	13.32	0.0215
15	1	37		14.71	14.64	14.54		
15	1	74		14.58	14.47	14.44		
15	36	0		14.81	14.66	14.56		
15	36	20		14.82	14.71	14.64		
15	36	39		14.73	14.64	14.57		
15	75	0		14.75	14.66	14.60		
15	1	0	16-QAM	14.96	14.92	14.95	13.46	0.0222
15	1	37		14.96	14.92	14.91		
15	1	74		14.93	14.81	14.76		
15	36	0		14.79	14.64	14.60		
15	36	20		14.79	14.72	14.67		
15	36	39		14.75	14.65	14.59		
15	75	0		14.75	14.62	14.64		
15	1	0	64-QAM	14.87	14.91	14.85	13.45	0.0221
15	1	37		14.95	14.86	14.75		
15	1	74		14.82	14.76	14.67		
15	36	0		14.76	14.63	14.55		
15	36	20		14.79	14.67	14.65		
15	36	39		14.73	14.62	14.56		
15	75	0		14.74	14.67	14.59		
15	1	0	256-QAM	14.39	14.33	14.26	13.09	0.0204
15	1	37		14.59	14.55	14.39		
15	1	74		14.38	14.35	14.20		
15	36	0		14.36	14.37	14.32		
15	36	20		14.58	14.54	14.38		
15	36	39		14.37	14.34	14.25		
15	75	0		14.52	14.50	14.40		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -1.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	14.65	14.58	14.51	13.32	0.0215
10	1	25		14.76	14.66	14.58		
10	1	49		14.62	14.47	14.43		
10	25	0		14.78	14.61	14.54		
10	25	12		14.82	14.70	14.55		
10	25	25		14.78	14.65	14.62		
10	50	0		14.79	14.67	14.52		
10	1	0	16-QAM	14.92	14.94	14.86	13.45	0.0221
10	1	25		14.95	14.92	14.81		
10	1	49		14.95	14.76	14.80		
10	25	0		14.79	14.65	14.57		
10	25	12		14.81	14.71	14.61		
10	25	25		14.78	14.68	14.63		
10	50	0		14.78	14.67	14.56		
10	1	0	64-QAM	14.83	14.83	14.76	13.40	0.0219
10	1	25		14.89	14.74	14.90		
10	1	49		14.84	14.65	14.63		
10	25	0		14.77	14.64	14.63		
10	25	12		14.79	14.65	14.60		
10	25	25		14.77	14.63	14.62		
10	50	0		14.73	14.68	14.54		
10	1	0	256-QAM	14.40	14.41	14.25	13.07	0.0203
10	1	25		14.53	14.46	14.41		
10	1	49		14.28	14.33	14.20		
10	25	0		14.38	14.34	14.31		
10	25	12		14.57	14.50	14.46		
10	25	25		14.47	14.38	14.22		
10	50	0		14.48	14.50	14.39		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -1.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	14.72	14.61	14.53	13.31	0.0214
5	1	12		14.79	14.68	14.52		
5	1	24		14.68	14.57	14.35		
5	12	0		14.77	14.70	14.51		
5	12	7		14.81	14.71	14.58		
5	12	13		14.76	14.67	14.49		
5	25	0		14.76	14.70	14.54		
5	1	0	16-QAM	14.78	14.80	14.87	13.46	0.0222
5	1	12		14.94	14.83	14.81		
5	1	24		14.94	14.96	14.58		
5	12	0		14.90	14.75	14.53		
5	12	7		14.87	14.76	14.59		
5	12	13		14.78	14.67	14.51		
5	25	0		14.76	14.67	14.56		
5	1	0	64-QAM	14.94	14.87	14.73	13.44	0.0221
5	1	12		14.80	14.85	14.74		
5	1	24		14.79	14.72	14.63		
5	12	0		14.72	14.70	14.53		
5	12	7		14.84	14.70	14.58		
5	12	13		14.79	14.63	14.49		
5	25	0		14.77	14.70	14.53		
5	1	0	256-QAM	14.43	14.39	14.21	13.07	0.0203
5	1	12		14.53	14.46	14.40		
5	1	24		14.32	14.32	14.22		
5	12	0		14.38	14.38	14.25		
5	12	7		14.57	14.47	14.39		
5	12	13		14.42	14.36	14.21		
5	25	0		14.56	14.54	14.39		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -1.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	14.43	14.33	14.25	13.09	0.0204
3	1	8		14.52	14.46	14.37		
3	1	14		14.44	14.26	14.22		
3	8	0		14.58	14.47	14.37		
3	8	4		14.59	14.53	14.46		
3	8	7		14.56	14.49	14.37		
3	15	0		14.56	14.48	14.38		
3	1	0	16-QAM	14.82	14.64	14.67	13.46	0.0222
3	1	8		14.96	14.76	14.79		
3	1	14		14.78	14.63	14.68		
3	8	0		14.58	14.48	14.44		
3	8	4		14.62	14.55	14.50		
3	8	7		14.62	14.55	14.50		
3	15	0		14.53	14.48	14.39		
3	1	0	64-QAM	14.63	14.59	14.60	13.28	0.0213
3	1	8		14.78	14.61	14.67		
3	1	14		14.61	14.46	14.57		
3	8	0		14.60	14.48	14.47		
3	8	4		14.58	14.51	14.48		
3	8	7		14.57	14.45	14.44		
3	15	0		14.53	14.46	14.43		
3	1	0	256-QAM	14.44	14.41	14.23	13.07	0.0203
3	1	8		14.52	14.50	14.35		
3	1	14		14.30	14.34	14.20		
3	8	0		14.39	14.35	14.24		
3	8	4		14.57	14.56	14.37		
3	8	7		14.43	14.35	14.20		
3	15	0		14.52	14.52	14.39		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -1.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	14.39	14.38	14.27	13.01	0.0200
1.4	1	3		14.51	14.44	14.06		
1.4	1	5		14.41	14.34	14.31		
1.4	3	0		14.49	14.38	14.33		
1.4	3	1		14.43	14.41	14.29		
1.4	3	3		14.50	14.38	14.27		
1.4	6	0		14.47	14.33	14.33		
1.4	1	0	16-QAM	14.87	14.76	14.68	13.37	0.0217
1.4	1	3		14.80	14.80	14.75		
1.4	1	5		14.86	14.71	14.69		
1.4	3	0		14.65	14.56	14.47		
1.4	3	1		14.58	14.56	14.47		
1.4	3	3		14.63	14.58	14.51		
1.4	6	0		14.55	14.50	14.45		
1.4	1	0	64-QAM	14.72	14.57	14.70	13.24	0.0211
1.4	1	3		14.69	14.60	14.65		
1.4	1	5		14.74	14.50	14.62		
1.4	3	0		14.68	14.60	14.60		
1.4	3	1		14.54	14.54	14.56		
1.4	3	3		14.53	14.48	14.57		
1.4	6	0		14.52	14.47	14.35		
1.4	1	0	256-QAM	14.50	14.49	14.49	13.13	0.0206
1.4	1	3		14.63	14.59	14.54		
1.4	1	5		14.59	14.59	14.62		
1.4	3	0		14.39	14.40	14.34		
1.4	3	1		14.49	14.43	14.43		
1.4	3	3		14.53	14.44	14.37		
1.4	6	0		14.45	14.41	14.39		
Limit	EIRP < 1W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	17.03	16.99	17.07	12.73	0.0187
10	1	25		16.99	17.02	17.12		
10	1	49		16.94	17.02	17.13		
10	25	0		17.05	17.04	17.12		
10	25	12		17.12	17.09	17.15		
10	25	25		17.11	17.10	17.18		
10	50	0		17.09	17.07	17.09		
10	1	0	16-QAM	17.33	17.38	17.35	12.97	0.0198
10	1	25		17.27	17.33	17.42		
10	1	49		17.23	17.36	17.42		
10	25	0		17.09	17.07	17.16		
10	25	12		17.17	17.14	17.15		
10	25	25		17.11	17.18	17.29		
10	50	0		17.08	17.07	17.12		
10	1	0	64-QAM	17.23	17.35	17.25	12.98	0.0199
10	1	25		17.30	17.28	17.43		
10	1	49		17.15	17.23	17.31		
10	25	0		17.11	17.07	17.16		
10	25	12		17.19	17.18	17.24		
10	25	25		17.13	17.14	17.21		
10	50	0		17.18	17.12	17.11		
10	1	0	256-QAM	17.08	17.12	17.02	12.75	0.0188
10	1	25		17.20	17.17	17.16		
10	1	49		17.18	17.19	17.15		
10	25	0		17.02	17.02	16.95		
10	25	12		17.08	17.10	17.06		
10	25	25		17.11	17.11	17.00		
10	50	0		17.16	17.16	17.10		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	17.04	16.96	17.09	12.78	0.0190
5	1	12		16.99	17.00	17.14		
5	1	24		16.98	16.99	17.08		
5	12	0		17.03	17.03	17.15		
5	12	7		17.11	17.09	17.23		
5	12	13		17.11	17.08	17.22		
5	25	0		17.10	17.07	17.14		
5	1	0	16-QAM	17.54	17.33	17.51	13.09	0.0204
5	1	12		17.34	17.38	17.46		
5	1	24		17.39	17.44	17.46		
5	12	0		17.09	17.05	17.22		
5	12	7		17.17	17.14	17.29		
5	12	13		17.14	17.14	17.28		
5	25	0		17.09	17.08	17.17		
5	1	0	64-QAM	17.40	17.32	17.36	12.98	0.0199
5	1	12		17.28	17.21	17.38		
5	1	24		17.21	17.23	17.43		
5	12	0		17.09	17.10	17.24		
5	12	7		17.20	17.13	17.33		
5	12	13		17.15	17.12	17.26		
5	25	0		17.13	17.10	17.16		
5	1	0	256-QAM	17.08	17.02	16.93	12.74	0.0188
5	1	12		17.19	17.07	17.13		
5	1	24		17.11	17.12	17.15		
5	12	0		17.02	16.92	16.93		
5	12	7		17.03	17.07	17.04		
5	12	13		17.08	17.05	16.91		
5	25	0		17.13	17.13	17.09		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	16.99	16.96	17.05	12.73	0.0187
3	1	8		17.07	17.01	17.18		
3	1	14		16.97	16.94	17.04		
3	8	0		17.10	17.00	17.11		
3	8	4		17.11	17.07	17.12		
3	8	7		17.08	17.05	17.18		
3	15	0		17.06	17.02	17.13		
3	1	0	16-QAM	17.34	17.35	17.57	13.12	0.0205
3	1	8		17.34	17.48	17.56		
3	1	14		17.35	17.34	17.43		
3	8	0		17.16	17.08	17.21		
3	8	4		17.21	17.15	17.25		
3	8	7		17.18	17.16	17.32		
3	15	0		17.12	17.08	17.14		
3	1	0	64-QAM	17.27	17.16	17.37	12.95	0.0197
3	1	8		17.32	17.25	17.40		
3	1	14		17.19	17.21	17.32		
3	8	0		17.20	17.04	17.23		
3	8	4		17.19	17.13	17.23		
3	8	7		17.08	17.12	17.25		
3	15	0		17.13	17.10	17.20		
3	1	0	256-QAM	17.07	17.03	17.00	12.74	0.0188
3	1	8		17.19	17.14	17.11		
3	1	14		17.16	17.15	17.15		
3	8	0		16.93	16.95	16.85		
3	8	4		17.04	17.10	16.99		
3	8	7		17.10	17.08	16.98		
3	15	0		17.08	17.13	17.02		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	16.89	16.88	17.02	12.66	0.0185
1.4	1	3		16.92	17.00	17.06		
1.4	1	5		16.90	16.96	16.92		
1.4	3	0		16.89	16.89	17.09		
1.4	3	1		16.94	16.92	17.06		
1.4	3	3		16.96	16.94	17.05		
1.4	6	0		16.99	16.97	17.11		
1.4	1	0	16-QAM	17.37	17.38	17.62	13.17	0.0207
1.4	1	3		17.38	17.37	17.56		
1.4	1	5		17.33	17.33	17.47		
1.4	3	0		17.08	17.13	17.28		
1.4	3	1		17.14	17.17	17.33		
1.4	3	3		17.09	17.16	17.28		
1.4	6	0		17.06	17.07	17.20		
1.4	1	0	64-QAM	17.29	17.20	17.40	13.02	0.0200
1.4	1	3		17.28	17.25	17.47		
1.4	1	5		17.19	17.20	17.42		
1.4	3	0		17.20	17.15	17.31		
1.4	3	1		17.21	17.13	17.34		
1.4	3	3		17.19	17.17	17.29		
1.4	6	0		17.09	17.08	17.19		
1.4	1	0	256-QAM	17.17	17.06	17.24	12.85	0.0193
1.4	1	3		17.13	17.17	17.27		
1.4	1	5		17.00	16.98	17.12		
1.4	3	0		17.11	17.06	17.24		
1.4	3	1		17.14	17.16	17.27		
1.4	3	3		17.24	17.12	17.30		
1.4	6	0		17.12	17.09	17.22		
Limit	ERP < 7W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -3.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	20.91	21.26	21.16	16.01	0.0399
10	1	25		20.90	20.96	20.86		
10	1	49		20.72	20.93	20.84		
10	25	0		20.49	20.93	20.83		
10	25	12		20.94	20.96	20.90		
10	25	25		20.83	20.91	20.87		
10	50	0		20.88	20.96	20.81		
10	1	0	16-QAM	20.96	20.88	21.28	16.03	0.0401
10	1	25		21.27	21.11	21.22		
10	1	49		21.22	20.87	20.97		
10	25	0		20.86	20.95	20.81		
10	25	12		20.97	20.89	20.76		
10	25	25		20.94	21.05	20.98		
10	50	0		20.93	20.91	20.84		
10	1	0	64-QAM	21.21	21.42	21.47	16.22	0.0419
10	1	25		21.31	21.02	21.33		
10	1	49		21.09	21.15	21.10		
10	25	0		20.90	20.86	20.83		
10	25	12		20.92	20.97	21.10		
10	25	25		20.97	20.98	21.00		
10	50	0		20.85	20.88	20.89		
10	1	0	256-QAM	18.84	19.05	19.01	13.80	0.0240
10	1	25		18.94	18.85	18.87		
10	1	49		18.88	18.96	18.61		
10	25	0		18.90	18.91	18.94		
10	25	12		19.00	18.93	18.85		
10	25	25		18.90	18.98	18.82		
10	50	0		18.94	18.87	18.89		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -3.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	20.94	21.06	20.91	15.81	0.0381
5	1	12		20.94	20.86	20.90		
5	1	24		20.82	20.89	20.97		
5	12	0		20.75	20.94	20.93		
5	12	7		20.91	20.90	21.04		
5	12	13		20.68	20.93	20.90		
5	25	0		20.88	20.77	20.92		
5	1	0	16-QAM	21.38	21.35	21.36	16.35	0.0432
5	1	12		21.34	21.53	21.60		
5	1	24		21.33	21.27	21.28		
5	12	0		20.80	20.96	20.93		
5	12	7		20.98	20.96	20.97		
5	12	13		20.91	21.03	20.90		
5	25	0		20.93	20.93	20.87		
5	1	0	64-QAM	21.37	21.30	21.36	16.12	0.0409
5	1	12		21.17	21.10	21.15		
5	1	24		21.12	21.21	21.19		
5	12	0		20.82	20.87	20.92		
5	12	7		20.87	20.91	20.99		
5	12	13		20.74	20.98	21.04		
5	25	0		20.97	20.95	20.96		
5	1	0	256-QAM	19.02	18.80	19.07	13.84	0.0242
5	1	12		19.05	19.00	19.01		
5	1	24		19.01	19.09	18.92		
5	12	0		18.82	18.88	18.97		
5	12	7		18.98	18.95	18.96		
5	12	13		18.93	18.97	18.93		
5	25	0		18.88	18.91	19.01		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -3.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	20.71	20.78	20.91	15.77	0.0378
3	1	8		20.91	20.93	21.01		
3	1	14		20.57	20.83	20.92		
3	8	0		20.85	20.81	20.90		
3	8	4		20.99	21.01	21.02		
3	8	7		20.79	20.87	20.96		
3	15	0		20.65	20.92	20.73		
3	1	0	16-QAM	21.07	21.36	21.40	16.19	0.0416
3	1	8		20.96	21.33	21.44		
3	1	14		20.94	21.42	21.05		
3	8	0		20.85	20.91	20.95		
3	8	4		20.94	20.86	20.84		
3	8	7		21.00	20.90	21.06		
3	15	0		20.69	20.77	20.94		
3	1	0	64-QAM	21.39	21.13	21.32	16.14	0.0411
3	1	8		21.08	21.29	21.12		
3	1	14		20.79	20.96	20.92		
3	8	0		20.69	20.80	20.92		
3	8	4		20.81	20.97	20.91		
3	8	7		20.85	20.87	20.87		
3	15	0		20.77	20.89	20.93		
3	1	0	256-QAM	18.74	18.95	19.07	13.82	0.0241
3	1	8		18.70	18.91	19.01		
3	1	14		18.60	18.94	18.82		
3	8	0		18.70	18.91	18.91		
3	8	4		18.87	18.88	18.94		
3	8	7		18.76	18.87	18.90		
3	15	0		18.86	18.93	19.03		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -3.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	20.69	20.81	20.81	15.82	0.0382
1.4	1	3		20.56	20.89	20.87		
1.4	1	5		20.82	20.75	20.86		
1.4	3	0		20.70	20.89	20.74		
1.4	3	1		20.62	20.77	20.84		
1.4	3	3		20.62	20.83	20.71		
1.4	6	0		20.73	20.95	21.07		
1.4	1	0	16-QAM	21.25	21.32	21.12	16.14	0.0411
1.4	1	3		21.19	21.11	21.16		
1.4	1	5		21.12	21.27	21.39		
1.4	3	0		21.04	21.26	20.98		
1.4	3	1		21.09	21.25	20.70		
1.4	3	3		20.97	21.04	21.02		
1.4	6	0		20.78	20.86	21.11		
1.4	1	0	64-QAM	20.92	21.35	21.28	16.12	0.0409
1.4	1	3		21.16	21.00	21.10		
1.4	1	5		20.80	21.37	21.13		
1.4	3	0		21.03	21.12	20.86		
1.4	3	1		21.13	21.25	21.24		
1.4	3	3		21.16	21.22	21.04		
1.4	6	0		20.77	20.77	21.01		
1.4	1	0	256-QAM	18.88	19.01	18.82	13.91	0.0246
1.4	1	3		18.81	19.00	18.76		
1.4	1	5		18.88	19.08	18.86		
1.4	3	0		18.90	19.01	18.91		
1.4	3	1		19.16	19.00	18.99		
1.4	3	3		18.89	19.00	19.01		
1.4	6	0		18.88	18.82	18.89		
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	20.29	-	13.36	0.0217
10	1	25		-	20.28	-		
10	1	49		-	20.26	-		
10	25	0		-	20.41	-		
10	25	12		-	20.51	-		
10	25	25		-	20.37	-		
10	50	0		-	20.22	-		
10	1	0	16-QAM	-	20.64	-	13.49	0.0223
10	1	25		-	20.64	-		
10	1	49		-	20.61	-		
10	25	0		-	20.54	-		
10	25	12		-	20.50	-		
10	25	25		-	20.39	-		
10	50	0		-	20.47	-		
10	1	0	64-QAM	-	20.58	-	13.59	0.0229
10	1	25		-	20.59	-		
10	1	49		-	20.74	-		
10	25	0		-	20.47	-		
10	25	12		-	20.30	-		
10	25	25		-	20.48	-		
10	50	0		-	20.39	-		
10	1	0	256-QAM	-	19.35	-	12.51	0.0178
10	1	25		-	19.21	-		
10	1	49		-	19.03	-		
10	25	0		-	19.66	-		
10	25	12		-	19.09	-		
10	25	25		-	19.19	-		
10	50	0		-	19.10	-		
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	20.59	20.70	20.57	13.55	0.0226
5	1	12		20.23	20.40	20.46		
5	1	24		20.31	20.37	20.33		
5	12	0		20.36	20.44	20.39		
5	12	7		20.52	20.55	20.54		
5	12	13		20.28	20.44	20.40		
5	25	0		20.39	20.13	20.43		
5	1	0	16-QAM	20.74	20.75	20.83	13.91	0.0246
5	1	12		21.06	20.86	20.96		
5	1	24		20.80	20.58	20.81		
5	12	0		20.42	20.32	20.47		
5	12	7		20.49	20.60	20.49		
5	12	13		20.36	20.45	20.34		
5	25	0		20.44	20.40	20.49		
5	1	0	64-QAM	20.82	20.77	20.74	13.67	0.0233
5	1	12		20.80	20.69	20.53		
5	1	24		20.42	20.35	20.77		
5	12	0		20.41	20.39	20.42		
5	12	7		20.51	20.55	20.58		
5	12	13		20.45	20.41	20.54		
5	25	0		20.54	20.33	20.50		
5	1	0	256-QAM	19.27	19.26	19.00	12.22	0.0167
5	1	12		19.22	19.30	19.07		
5	1	24		19.26	19.06	19.00		
5	12	0		19.37	19.12	19.09		
5	12	7		19.18	19.16	19.13		
5	12	13		19.04	19.00	19.17		
5	25	0		19.15	19.13	19.12		
Limit	ERP < 3W			Result			Pass	

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -3.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	21.44	21.18	20.95	16.19	0.0416
10	1	25		21.03	20.99	20.68		
10	1	49		20.73	20.82	20.75		
10	25	0		20.89	20.91	20.99		
10	25	12		20.86	20.86	21.03		
10	25	25		20.96	20.88	21.04		
10	50	0		20.87	20.95	20.87		
10	1	0	16-QAM	21.31	21.11	21.13	16.17	0.0414
10	1	25		21.42	21.33	21.21		
10	1	49		21.19	21.13	21.13		
10	25	0		20.89	20.86	20.93		
10	25	12		21.14	20.98	21.00		
10	25	25		20.92	21.00	20.76		
10	50	0		20.87	20.71	20.91		
10	1	0	64-QAM	21.59	21.24	21.45	16.34	0.0431
10	1	25		21.43	21.23	21.15		
10	1	49		21.03	21.12	20.82		
10	25	0		21.00	20.99	20.92		
10	25	12		21.17	20.93	20.83		
10	25	25		21.07	20.90	21.01		
10	50	0		20.54	20.89	20.88		
10	1	0	256-QAM	19.18	19.11	19.05	13.93	0.0247
10	1	25		19.00	18.91	18.87		
10	1	49		18.91	19.08	18.62		
10	25	0		19.00	18.91	18.95		
10	25	12		18.99	18.93	18.98		
10	25	25		18.95	18.95	19.00		
10	50	0		18.87	18.90	18.92		
Limit	ERP < 3W			Result			Pass	

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -3.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	21.09	21.08	21.06	15.84	0.0384
5	1	12		20.90	20.90	20.82		
5	1	24		20.65	20.79	20.74		
5	12	0		20.88	21.00	21.04		
5	12	7		20.99	21.00	20.97		
5	12	13		20.90	20.97	21.02		
5	25	0		20.96	20.92	20.91		
5	1	0	16-QAM	21.12	21.22	21.31	16.07	0.0405
5	1	12		21.29	21.15	21.32		
5	1	24		21.29	21.22	21.18		
5	12	0		21.02	20.94	21.05		
5	12	7		21.10	21.06	21.10		
5	12	13		20.99	21.00	21.06		
5	25	0		20.92	20.91	20.97		
5	1	0	64-QAM	21.31	21.37	21.49	16.24	0.0421
5	1	12		21.25	21.16	21.19		
5	1	24		21.13	20.92	20.99		
5	12	0		20.94	20.89	20.89		
5	12	7		20.97	21.02	21.07		
5	12	13		20.91	20.91	20.97		
5	25	0		20.98	20.90	20.88		
5	1	0	256-QAM	18.90	19.02	19.13	13.89	0.0245
5	1	12		18.79	19.00	19.06		
5	1	24		18.89	19.14	19.03		
5	12	0		18.99	18.92	19.05		
5	12	7		19.07	19.10	18.98		
5	12	13		19.00	19.09	18.85		
5	25	0		19.00	19.01	19.05		
Limit	ERP < 3W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	16.62	17.01	16.97	16.21	0.0418
20	1	49		16.53	16.64	16.55		
20	1	99		16.40	16.55	16.66		
20	50	0		16.74	16.79	16.68		
20	50	24		16.73	16.69	16.67		
20	50	50		16.61	16.74	16.66		
20	100	0		16.61	16.62	16.55		
20	1	0	16-QAM	16.87	16.80	16.97	16.29	0.0426
20	1	49		17.00	16.80	16.81		
20	1	99		16.61	17.02	17.09		
20	50	0		16.64	16.73	16.68		
20	50	24		16.71	16.76	16.75		
20	50	50		16.70	16.76	16.74		
20	100	0		16.70	16.62	16.62		
20	1	0	64-QAM	17.29	17.12	17.05	16.49	0.0446
20	1	49		16.81	17.02	16.87		
20	1	99		16.84	16.74	17.03		
20	50	0		16.76	16.77	16.71		
20	50	24		16.80	16.83	16.70		
20	50	50		16.74	16.60	16.72		
20	100	0		16.72	16.67	16.63		
20	1	0	256-QAM	16.99	16.92	16.81	16.19	0.0416
20	1	49		16.70	16.69	16.73		
20	1	99		16.60	16.64	16.40		
20	50	0		16.64	16.66	16.60		
20	50	24		16.76	16.81	16.73		
20	50	50		16.70	16.73	16.59		
20	100	0		16.59	16.69	16.61		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	17.16	16.77	17.00	16.36	0.0433
15	1	37		16.66	16.56	16.35		
15	1	74		16.46	16.44	16.58		
15	36	0		16.64	16.67	16.67		
15	36	20		16.59	16.72	16.71		
15	36	39		16.66	16.70	16.47		
15	75	0		16.76	16.68	16.73		
15	1	0	16-QAM	16.83	16.89	16.81	16.09	0.0406
15	1	37		16.73	16.79	16.74		
15	1	74		16.77	16.72	16.71		
15	36	0		16.64	16.58	16.59		
15	36	20		16.83	16.85	16.72		
15	36	39		16.61	16.85	16.70		
15	75	0		16.68	16.64	16.71		
15	1	0	64-QAM	17.07	17.44	17.17	16.64	0.0461
15	1	37		17.06	16.89	16.76		
15	1	74		16.77	16.82	16.88		
15	36	0		16.67	16.65	16.47		
15	36	20		16.71	16.82	16.69		
15	36	39		16.73	16.68	16.55		
15	75	0		16.73	16.70	16.74		
15	1	0	256-QAM	16.84	17.07	17.06	16.27	0.0424
15	1	37		16.80	16.75	16.71		
15	1	74		16.80	16.87	16.37		
15	36	0		16.60	16.69	16.54		
15	36	20		16.80	16.73	16.67		
15	36	39		16.68	16.75	16.59		
15	75	0		16.63	16.65	16.71		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	16.84	16.81	16.44	16.04	0.0402
10	1	25		16.44	16.66	16.54		
10	1	49		16.41	16.49	16.53		
10	25	0		16.55	16.63	16.57		
10	25	12		16.67	16.73	16.50		
10	25	25		16.66	16.66	16.59		
10	50	0		16.61	16.44	16.51		
10	1	0	16-QAM	16.79	17.11	16.73	16.31	0.0428
10	1	25		16.75	16.93	16.71		
10	1	49		16.76	16.76	16.88		
10	25	0		16.49	16.68	16.97		
10	25	12		16.65	16.78	16.57		
10	25	25		16.68	16.69	16.56		
10	50	0		16.72	16.71	16.63		
10	1	0	64-QAM	17.53	16.79	17.39	16.73	0.0471
10	1	25		16.94	16.79	16.69		
10	1	49		16.71	16.61	17.04		
10	25	0		16.65	16.67	16.49		
10	25	12		16.64	16.47	16.51		
10	25	25		16.58	16.68	16.60		
10	50	0		16.81	16.78	16.59		
10	1	0	256-QAM	16.83	16.79	16.92	16.23	0.0420
10	1	25		16.68	16.75	16.64		
10	1	49		16.64	17.03	16.79		
10	25	0		16.71	16.63	16.59		
10	25	12		16.68	16.77	16.64		
10	25	25		16.68	16.75	16.67		
10	50	0		16.72	16.81	16.56		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	16.84	16.75	16.68	16.04	0.0402
5	1	12		16.60	16.63	16.48		
5	1	24		16.58	16.67	16.56		
5	12	0		16.68	16.60	16.46		
5	12	7		16.78	16.71	16.48		
5	12	13		16.72	16.62	16.66		
5	25	0		16.69	16.74	16.56		
5	1	0	16-QAM	17.07	17.02	16.95	16.48	0.0445
5	1	12		17.10	17.22	17.28		
5	1	24		17.02	17.06	17.01		
5	12	0		16.71	16.61	16.60		
5	12	7		16.64	16.72	16.71		
5	12	13		16.74	16.76	16.69		
5	25	0		16.33	16.56	16.80		
5	1	0	64-QAM	16.91	17.05	16.73	16.25	0.0422
5	1	12		17.02	16.81	16.85		
5	1	24		16.84	16.59	16.79		
5	12	0		16.66	16.70	16.72		
5	12	7		16.68	16.42	16.67		
5	12	13		16.74	16.81	16.60		
5	25	0		16.76	16.94	16.62		
5	1	0	256-QAM	17.00	16.92	16.88	16.20	0.0417
5	1	12		16.72	16.81	16.73		
5	1	24		16.38	16.91	16.74		
5	12	0		16.85	16.76	16.58		
5	12	7		16.79	16.81	16.61		
5	12	13		16.72	16.72	16.70		
5	25	0		16.67	16.78	16.73		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	16.65	16.78	16.71	15.98	0.0396
3	1	8		16.57	16.64	16.54		
3	1	14		16.45	16.65	16.44		
3	8	0		16.63	16.48	16.49		
3	8	4		16.72	16.77	16.39		
3	8	7		16.63	16.50	16.45		
3	15	0		16.70	16.67	16.46		
3	1	0	16-QAM	17.16	16.87	17.05	16.48	0.0445
3	1	8		17.24	17.19	17.28		
3	1	14		17.18	16.93	17.10		
3	8	0		16.77	16.88	16.59		
3	8	4		16.83	16.96	16.60		
3	8	7		16.86	16.83	16.35		
3	15	0		16.64	16.64	16.59		
3	1	0	64-QAM	17.19	16.90	17.03	16.39	0.0436
3	1	8		16.87	16.77	16.89		
3	1	14		16.47	16.89	16.87		
3	8	0		16.88	16.73	16.59		
3	8	4		16.74	16.80	16.50		
3	8	7		16.65	16.66	16.67		
3	15	0		16.73	16.66	16.50		
3	1	0	256-QAM	17.01	16.73	16.84	16.21	0.0418
3	1	8		16.97	16.68	16.80		
3	1	14		16.72	16.62	16.83		
3	8	0		16.65	16.82	16.53		
3	8	4		16.75	16.84	16.52		
3	8	7		16.62	16.60	16.46		
3	15	0		16.72	16.59	16.45		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	16.77	16.60	16.79	15.99	0.0397
1.4	1	3		16.54	16.56	16.54		
1.4	1	5		16.28	16.41	16.36		
1.4	3	0		16.59	16.57	16.48		
1.4	3	1		16.51	16.75	16.63		
1.4	3	3		16.32	16.62	16.40		
1.4	6	0		16.58	16.58	16.53		
1.4	1	0	16-QAM	16.69	17.00	16.88	16.38	0.0435
1.4	1	3		16.87	17.11	17.06		
1.4	1	5		17.18	17.03	16.97		
1.4	3	0		17.06	17.07	16.97		
1.4	3	1		16.82	17.02	16.93		
1.4	3	3		16.86	17.02	16.60		
1.4	6	0		16.63	16.96	16.81		
1.4	1	0	64-QAM	17.10	16.62	16.95	16.57	0.0454
1.4	1	3		16.81	17.04	16.66		
1.4	1	5		16.98	16.69	16.83		
1.4	3	0		16.71	16.79	16.74		
1.4	3	1		17.37	16.74	16.68		
1.4	3	3		16.80	16.91	16.51		
1.4	6	0		16.68	16.61	16.83		
1.4	1	0	256-QAM	17.01	16.65	16.98	16.21	0.0418
1.4	1	3		16.92	16.77	16.86		
1.4	1	5		16.93	16.87	16.57		
1.4	3	0		16.85	16.80	16.71		
1.4	3	1		16.88	16.76	16.82		
1.4	3	3		16.94	16.73	16.78		
1.4	6	0		16.68	16.63	16.61		
Limit	EIRP < 2W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	16.89	17.01	16.89	12.73	0.0187
15	1	37		16.81	17.00	16.88		
15	1	74		16.81	16.62	16.83		
15	36	0		17.01	16.78	16.93		
15	36	20		16.88	17.18	16.90		
15	36	39		16.92	16.77	17.00		
15	75	0		16.96	17.12	16.94		
15	1	0	16-QAM	17.11	17.13	17.13	12.93	0.0196
15	1	37		17.13	17.13	17.35		
15	1	74		17.23	17.00	17.38		
15	36	0		16.90	16.89	17.00		
15	36	20		16.96	17.07	17.06		
15	36	39		16.94	17.01	17.16		
15	75	0		16.96	16.97	17.04		
15	1	0	64-QAM	17.15	17.34	17.08	12.89	0.0195
15	1	37		17.07	16.96	17.33		
15	1	74		17.17	17.15	17.29		
15	36	0		16.92	16.79	17.00		
15	36	20		16.94	17.05	17.06		
15	36	39		16.94	17.05	17.12		
15	75	0		16.90	16.89	17.11		
15	1	0	256-QAM	17.05	16.83	17.16	12.77	0.0189
15	1	37		17.10	16.98	17.18		
15	1	74		17.04	16.82	17.11		
15	36	0		16.97	16.60	17.00		
15	36	20		16.90	16.74	17.06		
15	36	39		17.07	16.98	17.22		
15	75	0		17.03	16.87	17.14		
Limit	ERP < 7W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	16.96	16.75	16.93	12.69	0.0186
10	1	25		16.95	16.82	17.06		
10	1	49		16.75	16.86	17.06		
10	25	0		16.95	16.80	17.03		
10	25	12		17.10	16.84	17.09		
10	25	25		17.00	16.87	17.14		
10	50	0		16.97	16.85	17.14		
10	1	0	16-QAM	17.32	17.07	17.30	12.89	0.0195
10	1	25		17.05	17.09	17.33		
10	1	49		17.01	17.24	17.34		
10	25	0		17.01	16.92	17.06		
10	25	12		16.94	16.89	17.12		
10	25	25		16.98	17.05	17.21		
10	50	0		16.95	16.87	17.17		
10	1	0	64-QAM	17.09	16.98	17.27	12.88	0.0194
10	1	25		17.06	17.06	17.27		
10	1	49		16.99	17.04	17.33		
10	25	0		16.85	16.93	17.09		
10	25	12		17.00	17.04	17.16		
10	25	25		16.95	16.98	17.16		
10	50	0		17.04	16.98	17.15		
10	1	0	256-QAM	16.85	17.07	17.22	12.80	0.0191
10	1	25		17.01	17.18	17.25		
10	1	49		16.88	17.03	17.21		
10	25	0		16.71	17.00	17.05		
10	25	12		16.78	17.02	17.14		
10	25	25		17.00	17.08	17.22		
10	50	0		16.89	17.01	17.18		
Limit	ERP < 7W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	16.87	16.97	17.10	12.75	0.0188
5	1	12		17.06	16.97	17.14		
5	1	24		16.82	16.89	17.03		
5	12	0		16.94	16.86	17.12		
5	12	7		17.07	16.90	17.20		
5	12	13		16.92	16.81	17.14		
5	25	0		17.03	16.95	17.07		
5	1	0	16-QAM	17.42	17.31	17.62	13.17	0.0207
5	1	12		17.17	17.16	17.52		
5	1	24		17.35	17.11	17.47		
5	12	0		17.06	16.92	17.13		
5	12	7		17.02	16.90	17.30		
5	12	13		17.04	17.00	17.23		
5	25	0		16.96	16.93	17.27		
5	1	0	64-QAM	17.16	17.05	17.40	12.96	0.0198
5	1	12		17.16	17.24	17.41		
5	1	24		17.15	17.16	17.26		
5	12	0		16.84	16.83	17.13		
5	12	7		17.00	17.07	17.24		
5	12	13		17.07	16.97	17.22		
5	25	0		16.97	16.94	17.23		
5	1	0	256-QAM	16.96	17.03	17.14	12.79	0.0190
5	1	12		17.01	17.03	17.24		
5	1	24		16.87	17.04	17.13		
5	12	0		16.71	16.85	17.03		
5	12	7		16.74	17.03	17.06		
5	12	13		16.92	17.01	17.14		
5	25	0		16.81	17.13	17.17		
Limit	ERP < 7W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	16.85	16.89	17.05	12.77	0.0189
3	1	8		16.91	16.89	17.20		
3	1	14		16.77	16.82	17.07		
3	8	0		17.06	16.90	17.10		
3	8	4		16.97	17.03	17.22		
3	8	7		17.01	16.90	17.16		
3	15	0		17.05	16.85	17.10		
3	1	0	16-QAM	17.19	17.26	17.46	13.11	0.0205
3	1	8		17.38	17.41	17.56		
3	1	14		17.21	17.25	17.53		
3	8	0		16.99	16.95	17.19		
3	8	4		17.10	16.90	17.31		
3	8	7		17.04	16.97	17.26		
3	15	0		16.93	16.81	17.13		
3	1	0	64-QAM	16.99	17.07	17.30	13.06	0.0202
3	1	8		17.17	17.25	17.51		
3	1	14		17.09	17.20	17.31		
3	8	0		17.13	16.78	17.21		
3	8	4		17.14	17.11	17.28		
3	8	7		17.05	16.97	17.25		
3	15	0		16.91	16.97	17.15		
3	1	0	256-QAM	16.91	17.00	17.14	12.77	0.0189
3	1	8		17.01	17.04	17.20		
3	1	14		16.84	16.96	17.12		
3	8	0		16.66	16.90	16.97		
3	8	4		16.73	16.92	17.11		
3	8	7		16.93	17.02	17.22		
3	15	0		16.85	17.08	17.11		
Limit	ERP < 7W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	16.92	16.76	16.95	12.63	0.0183
1.4	1	3		16.88	16.75	17.03		
1.4	1	5		16.80	16.69	17.05		
1.4	3	0		16.89	16.77	17.04		
1.4	3	1		16.96	16.86	17.08		
1.4	3	3		16.86	16.91	17.07		
1.4	6	0		16.79	16.87	17.00		
1.4	1	0	16-QAM	17.23	17.10	17.35	13.11	0.0205
1.4	1	3		17.34	17.16	17.56		
1.4	1	5		17.30	17.12	17.41		
1.4	3	0		17.07	16.90	17.30		
1.4	3	1		16.99	17.08	17.28		
1.4	3	3		17.02	16.90	17.26		
1.4	6	0		16.98	17.00	17.09		
1.4	1	0	64-QAM	17.13	16.95	17.25	12.96	0.0198
1.4	1	3		17.14	17.09	17.41		
1.4	1	5		17.14	17.04	17.35		
1.4	3	0		17.05	16.86	17.23		
1.4	3	1		17.17	17.09	17.29		
1.4	3	3		17.14	17.10	17.26		
1.4	6	0		17.06	16.98	17.15		
1.4	1	0	256-QAM	17.09	17.17	17.15	12.87	0.0194
1.4	1	3		17.23	17.20	17.32		
1.4	1	5		17.05	16.97	17.15		
1.4	3	0		17.07	17.10	17.06		
1.4	3	1		16.83	16.91	17.05		
1.4	3	3		16.79	17.05	17.03		
1.4	6	0		16.87	16.96	17.06		
Limit	ERP < 7W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	16.88	-	-	12.53	0.0179
15	1	37		16.87	-	-		
15	1	74		16.79	-	-		
15	36	0		16.89	-	-		
15	36	20		16.98	-	-		
15	36	39		16.90	-	-		
15	75	0		16.93	-	-		
15	1	0	16-QAM	17.17	-	-	12.72	0.0187
15	1	37		17.14	-	-		
15	1	74		17.07	-	-		
15	36	0		16.91	-	-		
15	36	20		16.98	-	-		
15	36	39		16.91	-	-		
15	75	0		16.96	-	-		
15	1	0	64-QAM	17.15	-	-	12.70	0.0186
15	1	37		17.08	-	-		
15	1	74		17.04	-	-		
15	36	0		16.95	-	-		
15	36	20		17.00	-	-		
15	36	39		16.91	-	-		
15	75	0		16.96	-	-		
15	1	0	256-QAM	16.84	-	-	12.45	0.0176
15	1	37		16.90	-	-		
15	1	74		16.88	-	-		
15	36	0		16.66	-	-		
15	36	20		16.83	-	-		
15	36	39		16.83	-	-		
15	75	0		16.84	-	-		
Limit	ERP < 100W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	16.85	-	12.48	0.0177
10	1	25		-	16.87	-		
10	1	49		-	16.89	-		
10	25	0		-	16.82	-		
10	25	12		-	16.91	-		
10	25	25		-	16.93	-		
10	50	0		-	16.91	-		
10	1	0	16-QAM	-	17.14	-	12.72	0.0187
10	1	25		-	17.16	-		
10	1	49		-	17.17	-		
10	25	0		-	16.88	-		
10	25	12		-	16.96	-		
10	25	25		-	16.95	-		
10	50	0		-	16.93	-		
10	1	0	64-QAM	-	17.06	-	12.61	0.0182
10	1	25		-	17.06	-		
10	1	49		-	16.99	-		
10	25	0		-	16.86	-		
10	25	12		-	17.01	-		
10	25	25		-	16.95	-		
10	50	0		-	16.95	-		
10	1	0	256-QAM	-	17.13	-	12.68	0.0185
10	1	25		-	17.12	-		
10	1	49		-	17.05	-		
10	25	0		-	16.98	-		
10	25	12		-	16.98	-		
10	25	25		-	17.11	-		
10	50	0		-	17.07	-		
Limit	ERP < 100W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	16.93	17.00	16.91	12.62	0.0183
5	1	12		16.98	16.99	16.94		
5	1	24		16.81	16.84	16.83		
5	12	0		16.91	16.95	16.86		
5	12	7		17.01	17.03	17.05		
5	12	13		16.97	16.87	17.07		
5	25	0		16.95	16.91	16.95		
5	1	0	16-QAM	17.32	17.22	17.37	12.92	0.0196
5	1	12		17.27	17.23	17.35		
5	1	24		17.29	17.33	17.25		
5	12	0		16.96	16.87	17.04		
5	12	7		17.03	16.98	17.04		
5	12	13		16.98	16.92	16.99		
5	25	0		16.98	17.00	16.97		
5	1	0	64-QAM	17.26	17.30	17.26	12.85	0.0193
5	1	12		17.22	17.12	17.20		
5	1	24		17.10	17.10	17.09		
5	12	0		16.91	16.89	16.93		
5	12	7		17.08	17.17	17.18		
5	12	13		17.00	16.93	17.08		
5	25	0		17.00	17.09	16.96		
5	1	0	256-QAM	16.89	16.93	16.85	12.51	0.0178
5	1	12		16.95	16.96	16.91		
5	1	24		16.89	16.89	16.92		
5	12	0		16.72	16.75	16.64		
5	12	7		16.74	16.71	16.68		
5	12	13		16.83	16.76	16.84		
5	25	0		16.84	16.77	16.81		
Limit	ERP < 100W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	16.84	16.77	16.90	12.66	0.0185
3	1	8		16.94	17.02	16.98		
3	1	14		16.81	16.90	16.81		
3	8	0		16.96	17.04	16.98		
3	8	4		17.03	17.09	17.11		
3	8	7		16.99	17.05	17.04		
3	15	0		16.96	16.90	16.95		
3	1	0	16-QAM	17.24	17.20	17.25	12.95	0.0197
3	1	8		17.38	17.33	17.40		
3	1	14		17.26	17.36	17.35		
3	8	0		17.09	16.99	17.09		
3	8	4		17.09	17.07	17.02		
3	8	7		17.05	17.00	17.14		
3	15	0		17.02	17.08	17.08		
3	1	0	64-QAM	17.08	16.98	17.09	12.82	0.0191
3	1	8		17.19	17.10	17.27		
3	1	14		17.08	17.08	16.99		
3	8	0		17.06	17.01	17.10		
3	8	4		17.05	17.08	16.99		
3	8	7		17.01	16.92	16.98		
3	15	0		16.99	16.92	17.03		
3	1	0	256-QAM	16.87	16.89	16.97	12.53	0.0179
3	1	8		16.93	16.91	16.88		
3	1	14		16.88	16.96	16.94		
3	8	0		16.75	16.79	16.70		
3	8	4		16.79	16.73	16.86		
3	8	7		16.88	16.88	16.97		
3	15	0		16.89	16.98	16.85		
Limit	ERP < 100W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	16.83	16.73	16.80	12.51	0.0178
1.4	1	3		16.90	16.93	16.94		
1.4	1	5		16.85	16.93	16.85		
1.4	3	0		16.87	16.80	16.96		
1.4	3	1		16.87	16.87	16.88		
1.4	3	3		16.85	16.91	16.83		
1.4	6	0		16.89	16.91	16.83		
1.4	1	0	16-QAM	17.27	17.30	17.33	12.88	0.0194
1.4	1	3		17.27	17.23	17.19		
1.4	1	5		17.23	17.30	17.14		
1.4	3	0		17.03	17.08	17.03		
1.4	3	1		17.07	16.99	17.05		
1.4	3	3		17.00	17.06	16.94		
1.4	6	0		16.98	16.92	16.91		
1.4	1	0	64-QAM	17.08	17.12	17.16	12.79	0.0190
1.4	1	3		17.14	17.08	17.24		
1.4	1	5		17.04	17.02	16.96		
1.4	3	0		17.08	17.03	17.15		
1.4	3	1		17.09	17.19	17.01		
1.4	3	3		17.07	17.17	17.15		
1.4	6	0		16.99	16.99	16.99		
1.4	1	0	256-QAM	17.02	16.93	17.12	12.81	0.0191
1.4	1	3		17.17	17.26	17.10		
1.4	1	5		17.00	16.91	17.01		
1.4	3	0		16.97	16.99	17.04		
1.4	3	1		16.88	16.89	16.82		
1.4	3	3		16.88	16.87	16.83		
1.4	6	0		16.95	16.88	16.91		
Limit	ERP < 100W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	-	16.86	-	12.61	0.0182
15	1	37		-	16.78	-		
15	1	74		-	16.85	-		
15	36	0		-	16.81	-		
15	36	20		-	17.06	-		
15	36	39		-	16.88	-		
15	75	0		-	16.99	-		
15	1	0	16-QAM	-	17.21	-	12.76	0.0189
15	1	37		-	17.11	-		
15	1	74		-	17.07	-		
15	36	0		-	16.81	-		
15	36	20		-	16.92	-		
15	36	39		-	16.96	-		
15	75	0		-	16.87	-		
15	1	0	64-QAM	-	17.22	-	12.77	0.0189
15	1	37		-	17.03	-		
15	1	74		-	17.11	-		
15	36	0		-	17.01	-		
15	36	20		-	16.90	-		
15	36	39		-	16.86	-		
15	75	0		-	16.89	-		
15	1	0	256-QAM	-	16.79	-	12.52	0.0179
15	1	37		-	16.97	-		
15	1	74		-	16.85	-		
15	36	0		-	16.65	-		
15	36	20		-	16.79	-		
15	36	39		-	16.88	-		
15	75	0		-	16.91	-		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	16.97	-	12.68	0.0185
10	1	25		-	16.88	-		
10	1	49		-	16.88	-		
10	25	0		-	16.87	-		
10	25	12		-	17.13	-		
10	25	25		-	16.92	-		
10	50	0		-	16.91	-		
10	1	0	16-QAM	-	17.33	-	12.88	0.0194
10	1	25		-	17.15	-		
10	1	49		-	17.12	-		
10	25	0		-	16.98	-		
10	25	12		-	17.03	-		
10	25	25		-	16.96	-		
10	50	0		-	16.94	-		
10	1	0	64-QAM	-	17.07	-	12.71	0.0187
10	1	25		-	17.16	-		
10	1	49		-	17.05	-		
10	25	0		-	16.88	-		
10	25	12		-	17.00	-		
10	25	25		-	17.03	-		
10	50	0		-	16.99	-		
10	1	0	256-QAM	-	16.86	-	12.56	0.0180
10	1	25		-	16.96	-		
10	1	49		-	17.01	-		
10	25	0		-	16.83	-		
10	25	12		-	16.74	-		
10	25	25		-	17.00	-		
10	50	0		-	16.84	-		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	-	16.88	-	12.60	0.0182
5	1	12		-	16.89	-		
5	1	24		-	16.90	-		
5	12	0		-	16.99	-		
5	12	7		-	16.94	-		
5	12	13		-	17.05	-		
5	25	0		-	16.89	-		
5	1	0	16-QAM	-	17.33	-	12.88	0.0194
5	1	12		-	17.25	-		
5	1	24		-	17.27	-		
5	12	0		-	16.98	-		
5	12	7		-	16.96	-		
5	12	13		-	17.01	-		
5	25	0		-	17.02	-		
5	1	0	64-QAM	-	17.31	-	12.86	0.0193
5	1	12		-	17.13	-		
5	1	24		-	17.04	-		
5	12	0		-	17.00	-		
5	12	7		-	17.12	-		
5	12	13		-	16.91	-		
5	25	0		-	16.94	-		
5	1	0	256-QAM	-	16.96	-	12.54	0.0179
5	1	12		-	16.99	-		
5	1	24		-	16.91	-		
5	12	0		-	16.75	-		
5	12	7		-	16.64	-		
5	12	13		-	16.83	-		
5	25	0		-	16.83	-		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	-	16.93	-	12.56	0.0180
3	1	8		-	16.90	-		
3	1	14		-	16.89	-		
3	8	0		-	16.91	-		
3	8	4		-	16.96	-		
3	8	7		-	17.01	-		
3	15	0		-	16.93	-		
3	1	0	16-QAM	-	17.22	-	12.95	0.0197
3	1	8		-	17.40	-		
3	1	14		-	17.17	-		
3	8	0		-	17.16	-		
3	8	4		-	17.08	-		
3	8	7		-	17.08	-		
3	15	0		-	16.99	-		
3	1	0	64-QAM	-	17.07	-	12.78	0.0190
3	1	8		-	17.23	-		
3	1	14		-	17.02	-		
3	8	0		-	17.06	-		
3	8	4		-	17.02	-		
3	8	7		-	17.07	-		
3	15	0		-	17.04	-		
3	1	0	256-QAM	-	16.80	-	12.57	0.0181
3	1	8		-	17.02	-		
3	1	14		-	16.89	-		
3	8	0		-	16.69	-		
3	8	4		-	16.77	-		
3	8	7		-	16.91	-		
3	15	0		-	16.83	-		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	-	16.86	-	12.53	0.0179
1.4	1	3		-	16.98	-		
1.4	1	5		-	16.83	-		
1.4	3	0		-	16.90	-		
1.4	3	1		-	16.96	-		
1.4	3	3		-	16.83	-		
1.4	6	0		-	16.83	-		
1.4	1	0	16-QAM	-	17.26	-	12.81	0.0191
1.4	1	3		-	17.18	-		
1.4	1	5		-	17.14	-		
1.4	3	0		-	17.00	-		
1.4	3	1		-	17.09	-		
1.4	3	3		-	16.95	-		
1.4	6	0		-	16.88	-		
1.4	1	0	64-QAM	-	17.18	-	12.73	0.0187
1.4	1	3		-	17.07	-		
1.4	1	5		-	17.11	-		
1.4	3	0		-	17.16	-		
1.4	3	1		-	17.01	-		
1.4	3	3		-	17.06	-		
1.4	6	0		-	17.06	-		
1.4	1	0	256-QAM	-	17.00	-	12.80	0.0191
1.4	1	3		-	17.25	-		
1.4	1	5		-	17.10	-		
1.4	3	0		-	17.06	-		
1.4	3	1		-	16.98	-		
1.4	3	3		-	16.87	-		
1.4	6	0		-	16.92	-		
Limit	ERP < 7W			Result			Pass	

LTE Band 41 PC3 Maximum Average Power [dBm] (GT - LC = -1.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	18.47	18.39	18.33	17.47	0.0558
20	1	49		18.48	18.67	18.39		
20	1	99		18.43	18.60	18.33		
20	50	0		18.43	18.52	18.39		
20	50	24		18.54	18.64	18.46		
20	50	50		18.53	18.63	18.45		
20	100	0		18.49	18.59	18.34		
20	1	0	16-QAM	18.49	18.52	18.37	17.46	0.0557
20	1	49		18.53	18.66	18.53		
20	1	99		18.47	18.63	18.35		
20	50	0		18.49	18.53	18.40		
20	50	24		18.55	18.58	18.43		
20	50	50		18.54	18.66	18.44		
20	100	0		18.51	18.60	18.39		
20	1	0	64-QAM	18.50	18.40	18.28	17.46	0.0557
20	1	49		18.53	18.63	18.45		
20	1	99		18.46	18.56	18.25		
20	50	0		18.49	18.56	18.40		
20	50	24		18.60	18.61	18.43		
20	50	50		18.56	18.66	18.45		
20	100	0		18.53	18.63	18.38		
20	1	0	256-QAM	18.33	18.51	18.39	17.36	0.0545
20	1	49		18.39	18.56	18.41		
20	1	99		18.20	18.45	18.27		
20	50	0		18.33	18.50	18.40		
20	50	24		18.35	18.51	18.41		
20	50	50		18.31	18.51	18.35		
20	100	0		18.33	18.54	18.41		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 PC3 Maximum Average Power [dBm] (GT - LC = -1.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	18.45	18.41	18.32	17.37	0.0546
15	1	37		18.45	18.50	18.32		
15	1	74		18.36	18.52	18.28		
15	36	0		18.37	18.42	18.30		
15	36	20		18.45	18.57	18.32		
15	36	39		18.42	18.54	18.34		
15	75	0		18.41	18.54	18.29		
15	1	0	16-QAM	18.36	18.43	18.33	17.42	0.0552
15	1	37		18.44	18.62	18.44		
15	1	74		18.49	18.57	18.30		
15	36	0		18.41	18.49	18.33		
15	36	20		18.51	18.61	18.31		
15	36	39		18.44	18.56	18.35		
15	75	0		18.46	18.52	18.28		
15	1	0	64-QAM	18.35	18.32	18.28	17.42	0.0552
15	1	37		18.44	18.50	18.39		
15	1	74		18.40	18.56	18.22		
15	36	0		18.44	18.50	18.36		
15	36	20		18.53	18.62	18.33		
15	36	39		18.46	18.60	18.36		
15	75	0		18.44	18.56	18.30		
15	1	0	256-QAM	18.31	18.41	18.33	17.34	0.0542
15	1	37		18.32	18.54	18.40		
15	1	74		18.14	18.35	18.17		
15	36	0		18.23	18.46	18.37		
15	36	20		18.31	18.45	18.39		
15	36	39		18.25	18.51	18.34		
15	75	0		18.30	18.53	18.41		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 PC3 Maximum Average Power [dBm] (GT - LC = -1.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	18.36	18.37	18.27	17.36	0.0545
10	1	25		18.36	18.54	18.28		
10	1	49		18.30	18.51	18.23		
10	25	0		18.29	18.44	18.26		
10	25	12		18.39	18.50	18.40		
10	25	25		18.39	18.55	18.34		
10	50	0		18.39	18.56	18.33		
10	1	0	16-QAM	18.45	18.46	18.26	17.39	0.0548
10	1	25		18.42	18.48	18.40		
10	1	49		18.40	18.49	18.29		
10	25	0		18.32	18.49	18.31		
10	25	12		18.45	18.54	18.44		
10	25	25		18.41	18.59	18.40		
10	50	0		18.43	18.57	18.39		
10	1	0	64-QAM	18.25	18.34	18.26	17.41	0.0551
10	1	25		18.25	18.50	18.36		
10	1	49		18.28	18.45	18.17		
10	25	0		18.36	18.44	18.34		
10	25	12		18.44	18.54	18.39		
10	25	25		18.44	18.61	18.40		
10	50	0		18.38	18.60	18.39		
10	1	0	256-QAM	18.25	18.44	18.37	17.34	0.0542
10	1	25		18.37	18.52	18.36		
10	1	49		18.17	18.41	18.26		
10	25	0		18.28	18.41	18.33		
10	25	12		18.35	18.43	18.36		
10	25	25		18.28	18.45	18.35		
10	50	0		18.30	18.54	18.32		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 PC3 Maximum Average Power [dBm] (GT - LC = -1.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	18.17	18.33	18.13	17.21	0.0526
5	1	12		18.24	18.36	18.18		
5	1	24		18.15	18.34	18.13		
5	12	0		18.22	18.30	18.17		
5	12	7		18.27	18.41	18.22		
5	12	13		18.27	18.41	18.19		
5	25	0		18.23	18.35	18.14		
5	1	0	16-QAM	18.38	18.28	18.19	17.34	0.0542
5	1	12		18.31	18.54	18.23		
5	1	24		18.27	18.32	18.25		
5	12	0		18.24	18.36	18.21		
5	12	7		18.29	18.47	18.26		
5	12	13		18.28	18.41	18.26		
5	25	0		18.21	18.38	18.19		
5	1	0	64-QAM	18.26	18.36	18.09	17.29	0.0536
5	1	12		18.15	18.36	18.24		
5	1	24		18.17	18.26	18.12		
5	12	0		18.27	18.35	18.20		
5	12	7		18.34	18.49	18.30		
5	12	13		18.26	18.37	18.24		
5	25	0		18.28	18.38	18.19		
5	1	0	256-QAM	18.26	18.46	18.35	17.30	0.0537
5	1	12		18.29	18.50	18.40		
5	1	24		18.19	18.36	18.24		
5	12	0		18.23	18.47	18.35		
5	12	7		18.35	18.42	18.36		
5	12	13		18.22	18.42	18.26		
5	25	0		18.28	18.44	18.32		
Limit	EIRP < 2W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -1.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	14.08	14.09	13.95	12.63	0.0183
20	1	49		14.01	14.03	13.83		
20	1	99		13.91	13.82	13.65		
20	50	0		14.11	14.13	13.95		
20	50	24		14.10	14.10	13.94		
20	50	50		14.06	13.92	13.78		
20	100	0		14.06	14.07	13.86		
20	1	0	16-QAM	14.32	14.39	14.28	12.97	0.0198
20	1	49		14.47	14.39	14.12		
20	1	99		14.25	14.10	13.96		
20	50	0		13.92	14.04	14.00		
20	50	24		14.18	14.02	13.92		
20	50	50		14.13	13.96	13.81		
20	100	0		14.15	14.02	13.89		
20	1	0	64-QAM	14.21	14.15	14.19	12.84	0.0192
20	1	49		14.34	14.23	14.07		
20	1	99		14.12	14.05	13.84		
20	50	0		14.06	14.08	13.95		
20	50	24		14.14	14.02	13.87		
20	50	50		14.08	13.93	13.79		
20	100	0		14.14	13.97	13.86		
20	1	0	256-QAM	14.26	13.96	13.96	12.93	0.0196
20	1	49		14.43	14.13	14.08		
20	1	99		14.33	14.05	14.02		
20	50	0		14.19	13.92	13.93		
20	50	24		14.22	13.94	13.94		
20	50	50		14.14	13.88	13.93		
20	100	0		14.05	13.80	13.80		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -1.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	14.12	14.13	13.91	12.70	0.0186
15	1	37		14.14	14.09	13.88		
15	1	74		14.04	13.94	13.74		
15	36	0		14.12	14.07	13.96		
15	36	20		14.16	14.07	13.92		
15	36	39		14.17	14.12	13.87		
15	75	0		14.20	14.06	13.90		
15	1	0	16-QAM	14.46	14.45	14.26	12.96	0.0198
15	1	37		14.45	14.42	14.14		
15	1	74		14.40	14.27	14.03		
15	36	0		14.07	14.06	14.00		
15	36	20		14.24	14.08	13.96		
15	36	39		14.19	14.11	13.85		
15	75	0		14.22	14.06	13.96		
15	1	0	64-QAM	14.38	14.33	14.08	12.91	0.0195
15	1	37		14.41	14.31	14.06		
15	1	74		14.25	14.18	13.97		
15	36	0		14.08	14.09	13.93		
15	36	20		14.20	14.06	13.91		
15	36	39		14.16	14.14	13.85		
15	75	0		14.19	14.05	13.86		
15	1	0	256-QAM	14.21	13.94	13.87	12.86	0.0193
15	1	37		14.36	14.12	14.00		
15	1	74		14.25	13.98	13.94		
15	36	0		14.18	13.87	13.87		
15	36	20		14.22	13.91	13.84		
15	36	39		14.05	13.88	13.92		
15	75	0		14.03	13.70	13.74		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -1.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	14.03	14.04	13.83	12.70	0.0186
10	1	25		14.18	14.08	13.81		
10	1	49		14.07	13.96	13.70		
10	25	0		14.09	14.08	13.85		
10	25	12		14.18	14.06	13.89		
10	25	25		14.20	14.10	13.86		
10	50	0		14.19	14.03	13.90		
10	1	0	16-QAM	14.35	14.43	14.18	12.96	0.0198
10	1	25		14.46	14.42	14.17		
10	1	49		14.28	14.28	13.95		
10	25	0		14.11	14.03	13.89		
10	25	12		14.24	14.10	13.90		
10	25	25		14.21	14.12	13.92		
10	50	0		14.21	14.06	13.90		
10	1	0	64-QAM	14.27	14.26	14.03	12.88	0.0194
10	1	25		14.38	14.32	14.02		
10	1	49		14.21	14.15	13.88		
10	25	0		14.10	14.11	13.85		
10	25	12		14.20	14.08	13.89		
10	25	25		14.17	14.12	13.83		
10	50	0		14.15	14.04	13.87		
10	1	0	256-QAM	14.17	13.89	13.86	12.93	0.0196
10	1	25		14.43	14.11	14.05		
10	1	49		14.24	14.02	13.99		
10	25	0		14.10	13.90	13.84		
10	25	12		14.15	13.88	13.91		
10	25	25		14.05	13.82	13.87		
10	50	0		13.96	13.75	13.72		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -1.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	13.94	13.94	13.70	12.60	0.0182
5	1	12		14.10	13.97	13.77		
5	1	24		13.91	13.89	13.61		
5	12	0		14.02	13.93	13.74		
5	12	7		14.08	14.02	13.78		
5	12	13		14.04	14.00	13.73		
5	25	0		14.03	13.90	13.75		
5	1	0	16-QAM	14.40	14.26	14.03	12.90	0.0195
5	1	12		14.37	14.30	14.07		
5	1	24		14.33	14.27	14.04		
5	12	0		14.14	14.01	13.76		
5	12	7		14.16	13.97	13.84		
5	12	13		14.13	13.97	13.75		
5	25	0		14.03	13.98	13.71		
5	1	0	64-QAM	14.12	14.18	13.93	12.73	0.0187
5	1	12		14.23	14.16	13.93		
5	1	24		14.18	14.16	13.82		
5	12	0		14.06	14.01	13.80		
5	12	7		14.09	14.02	13.81		
5	12	13		14.04	14.01	13.75		
5	25	0		14.01	13.96	13.75		
5	1	0	256-QAM	14.23	13.94	13.86	12.83	0.0192
5	1	12		14.33	14.10	14.07		
5	1	24		14.24	14.05	14.01		
5	12	0		14.11	13.82	13.86		
5	12	7		14.17	13.85	13.92		
5	12	13		14.04	13.78	13.93		
5	25	0		13.98	13.75	13.70		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -1.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	13.84	13.83	13.64	12.53	0.0179
3	1	8		14.03	14.02	13.73		
3	1	14		13.89	13.83	13.56		
3	8	0		13.97	13.83	13.76		
3	8	4		13.99	13.99	13.78		
3	8	7		14.03	14.03	13.62		
3	15	0		13.96	13.87	13.70		
3	1	0	16-QAM	14.26	14.16	14.01	12.90	0.0195
3	1	8		14.31	14.40	14.10		
3	1	14		14.26	14.17	13.93		
3	8	0		14.05	13.89	13.80		
3	8	4		14.16	14.13	13.89		
3	8	7		14.07	14.03	13.78		
3	15	0		14.09	13.94	13.69		
3	1	0	64-QAM	14.03	14.06	13.70	12.76	0.0189
3	1	8		14.26	14.12	13.93		
3	1	14		14.15	14.03	13.78		
3	8	0		14.00	13.92	13.70		
3	8	4		14.13	14.05	13.71		
3	8	7		13.99	13.97	13.72		
3	15	0		13.98	13.98	13.66		
3	1	0	256-QAM	14.16	13.90	13.89	12.84	0.0192
3	1	8		14.34	14.08	13.99		
3	1	14		14.26	14.05	14.02		
3	8	0		14.17	13.90	13.85		
3	8	4		14.18	13.89	13.89		
3	8	7		14.06	13.78	13.89		
3	15	0		14.02	13.78	13.79		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -1.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	13.95	13.95	13.60	12.53	0.0179
1.4	1	3		14.03	13.91	13.68		
1.4	1	5		13.98	13.91	13.62		
1.4	3	0		14.00	13.95	13.66		
1.4	3	1		14.01	13.96	13.68		
1.4	3	3		13.99	13.94	13.66		
1.4	6	0		14.02	13.96	13.68		
1.4	1	0	16-QAM	14.30	14.32	14.09	12.90	0.0195
1.4	1	3		14.38	14.40	14.16		
1.4	1	5		14.38	14.26	14.07		
1.4	3	0		14.22	14.11	13.87		
1.4	3	1		14.20	14.13	13.96		
1.4	3	3		14.20	14.16	13.90		
1.4	6	0		14.09	14.07	13.79		
1.4	1	0	64-QAM	14.30	14.17	13.93	12.80	0.0191
1.4	1	3		14.30	14.24	13.96		
1.4	1	5		14.30	14.23	13.87		
1.4	3	0		14.18	14.11	13.93		
1.4	3	1		14.25	14.17	13.86		
1.4	3	3		14.20	14.18	13.88		
1.4	6	0		14.05	14.07	13.78		
1.4	1	0	256-QAM	14.13	14.05	13.95	12.63	0.0183
1.4	1	3		14.08	14.00	13.90		
1.4	1	5		14.09	14.01	13.91		
1.4	3	0		14.12	14.04	13.94		
1.4	3	1		14.13	14.05	13.95		
1.4	3	3		14.11	14.03	13.93		
1.4	6	0		13.82	13.74	13.64		
Limit	EIRP < 1W			Result			Pass	

LTE Band 41C-PC3_CA Maximum Average Power [dBm] (GT - LC = -1.2 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	18.43	18.65	18.70	17.50	0.0562
20+20	1	0	1	99		13.78	13.96	13.80		
20+20	1	99	1	0		17.91	18.20	18.26		
20+20	1	0	0	0		18.38	18.46	18.33		
20+20	100	0	100	0	16-QAM	18.46	18.70	18.75	17.62	0.0578
20+20	1	0	1	99		13.71	13.90	13.74		
20+20	1	99	1	0		18.31	18.60	18.82		
20+20	1	0	0	0		18.55	18.73	18.47		
20+20	100	0	100	0	64-QAM	18.49	18.72	18.73	17.63	0.0579
20+20	1	0	1	99		13.86	14.03	13.95		
20+20	1	99	1	0		18.40	18.76	18.83		
20+20	100	0	100	0	256-QAM	17.32	17.52	17.58	16.40	0.0437
20+20	1	0	1	99		13.65	13.85	13.74		
20+20	1	99	1	0		17.15	17.60	17.51		
20+15	100	0	75	0	QPSK	18.43	18.69	18.72	17.52	0.0565
20+15	1	0	1	74		13.82	14.01	13.91		
20+15	1	99	1	0		17.89	18.18	18.27		
20+15	1	0	0	0		18.42	18.53	18.39		
20+15	100	0	75	0	16-QAM	18.44	18.73	18.75	17.63	0.0579
20+15	1	0	1	74		13.75	13.97	13.93		
20+15	1	99	1	0		18.39	18.70	18.73		
20+15	1	0	0	0		18.65	18.83	18.56		
20+15	100	0	75	0	64-QAM	18.50	18.75	18.79	17.61	0.0577
20+15	1	0	1	74		13.77	14.06	13.91		
20+15	1	99	1	0		18.61	18.75	18.81		
20+15	100	0	75	0	256-QAM	17.31	17.61	17.58	16.41	0.0438
20+15	1	0	1	74		13.70	13.99	13.82		
20+15	1	99	1	0		17.17	17.52	17.53		
15+20	75	0	100	0	QPSK	18.49	18.66	18.69	17.49	0.0561
15+20	1	0	1	99		13.83	14.02	13.88		
15+20	1	74	1	0		17.93	18.16	18.21		
15+20	1	0	0	0		18.19	18.42	18.36		
15+20	75	0	100	0	16-QAM	18.52	18.68	18.83	17.63	0.0579
15+20	1	0	1	99		13.75	13.91	13.74		
15+20	1	74	1	0		18.36	18.64	18.73		
15+20	1	0	0	0		18.47	18.70	18.54		
15+20	75	0	100	0	64-QAM	18.51	18.73	18.75	17.58	0.0573
15+20	1	0	1	99		13.82	14.01	13.88		
15+20	1	74	1	0		18.47	18.73	18.78		
15+20	75	0	100	0	256-QAM	17.40	17.51	17.55	16.35	0.0432
15+20	1	0	1	99		13.74	13.97	13.80		
15+20	1	74	1	0		17.30	17.31	17.51		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C-PC3_CA Maximum Average Power [dBm] (GT - LC = -1.2 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	18.45	18.72	18.70	17.52	0.0565
20+10	1	0	1	49		13.84	14.09	13.98		
20+10	1	99	1	0		18.06	18.58	18.55		
20+10	1	0	0	0		18.24	18.51	18.47		
20+10	100	0	50	0	16-QAM	18.46	18.74	18.75	17.72	0.0592
20+10	1	0	1	49		13.79	14.05	13.97		
20+10	1	99	1	0		18.45	18.70	18.92		
20+10	1	0	0	0		18.48	18.75	18.89		
20+10	100	0	50	0	64-QAM	18.46	18.74	18.74	17.61	0.0577
20+10	1	0	1	49		13.94	14.10	14.04		
20+10	1	99	1	0		18.46	18.81	18.78		
20+10	100	0	50	0	256-QAM	17.34	17.56	17.57	16.37	0.0434
20+10	1	0	1	49		13.80	14.02	13.98		
20+10	1	99	1	0		17.25	17.52	17.47		
10+20	50	0	100	0	QPSK	18.50	18.68	18.74	17.54	0.0568
10+20	1	0	1	99		13.85	14.06	13.97		
10+20	1	49	1	0		18.05	18.24	18.59		
10+20	1	0	0	0		18.28	18.49	18.47		
10+20	50	0	100	0	16-QAM	18.56	18.76	18.75	17.56	0.0570
10+20	1	0	1	99		13.79	14.05	13.91		
10+20	1	49	1	0		18.47	18.54	18.65		
10+20	1	0	0	0		18.54	18.58	18.72		
10+20	50	0	100	0	64-QAM	18.54	18.73	18.73	17.63	0.0579
10+20	1	0	1	99		13.86	14.15	14.16		
10+20	1	49	1	0		18.58	18.73	18.83		
10+20	50	0	100	0	256-QAM	17.40	17.56	17.57	16.41	0.0438
10+20	1	0	1	99		13.78	13.99	13.87		
10+20	1	49	1	0		17.35	17.52	17.61		
20+5	100	0	25	0	QPSK	18.44	18.71	18.68	17.51	0.0564
20+5	1	0	1	24		13.88	14.12	13.99		
20+5	1	99	1	0		18.23	18.59	18.52		
20+5	1	0	0	0		18.26	18.53	18.64		
20+5	100	0	25	0	16-QAM	18.48	18.87	18.71	17.67	0.0585
20+5	1	0	1	24		13.79	14.06	13.96		
20+5	1	99	1	0		18.20	18.57	18.55		
20+5	1	0	0	0		18.63	18.69	18.81		
20+5	100	0	25	0	64-QAM	18.46	18.77	18.78	17.58	0.0573
20+5	1	0	1	24		13.91	14.11	14.03		
20+5	1	99	1	0		18.60	18.78	18.74		
20+5	100	0	25	0	256-QAM	17.32	17.55	17.57	16.37	0.0434
20+5	1	0	1	24		13.80	14.00	14.02		
20+5	1	99	1	0		17.22	17.51	17.42		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C-PC3_CA Maximum Average Power [dBm] (GT - LC = -1.2 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	18.59	18.66	18.75	17.55	0.0569
5+20	1	0	1	99		13.90	13.99	13.99		
5+20	1	24	1	0		18.35	18.17	18.53		
5+20	1	0	0	0		18.31	18.49	18.52		
5+20	25	0	100	0	16-QAM	18.59	18.71	18.78	17.59	0.0574
5+20	1	0	1	99		13.78	14.00	13.98		
5+20	1	24	1	0		18.72	18.64	18.79		
5+20	1	0	0	0		18.51	18.72	18.67		
5+20	25	0	100	0	64-QAM	18.63	18.73	18.79	17.71	0.0590
5+20	1	0	1	99		13.93	14.15	14.19		
5+20	1	24	1	0		18.71	18.87	18.91		
5+20	25	0	100	0	256-QAM	17.43	17.54	17.65	16.45	0.0442
5+20	1	0	1	99		13.89	14.10	13.84		
5+20	1	24	1	0		17.40	17.49	17.64		
15+10	75	0	50	0	QPSK	18.47	18.73	18.72	17.53	0.0566
15+10	1	0	1	49		13.87	14.10	13.98		
15+10	1	74	1	0		18.08	18.34	18.24		
15+10	1	0	0	0		18.24	18.53	18.64		
15+10	75	0	50	0	16-QAM	18.47	18.74	18.68	17.75	0.0596
15+10	1	0	1	49		13.86	14.05	13.86		
15+10	1	74	1	0		18.39	18.60	18.66		
15+10	1	0	0	0		18.46	18.88	18.95		
15+10	75	0	50	0	64-QAM	18.49	18.83	18.75	17.64	0.0581
15+10	1	0	1	49		13.84	14.18	14.04		
15+10	1	74	1	0		18.54	18.84	18.72		
15+10	75	0	50	0	256-QAM	17.38	17.59	17.57	16.39	0.0436
15+10	1	0	1	49		13.83	14.05	14.12		
15+10	1	74	1	0		17.21	17.52	17.46		
10+15	50	0	75	0	QPSK	18.53	18.68	18.73	17.53	0.0566
10+15	1	0	1	74		13.89	14.05	14.00		
10+15	1	49	1	0		18.14	18.24	18.36		
10+15	1	0	0	0		18.32	18.54	18.55		
10+15	50	0	75	0	16-QAM	18.52	18.72	18.82	17.68	0.0586
10+15	1	0	1	74		13.83	14.04	13.84		
10+15	1	49	1	0		18.41	18.65	18.58		
10+15	1	0	0	0		18.46	18.88	18.72		
10+15	50	0	75	0	64-QAM	18.62	18.79	18.77	17.59	0.0574
10+15	1	0	1	74		13.89	14.19	14.00		
10+15	1	49	1	0		18.56	18.76	18.78		
10+15	50	0	75	0	256-QAM	17.44	17.52	17.58	16.38	0.0435
10+15	1	0	1	74		13.86	14.06	13.97		
10+15	1	49	1	0		17.32	17.49	17.50		
Limit	EIRP < 2W					Result			Pass	

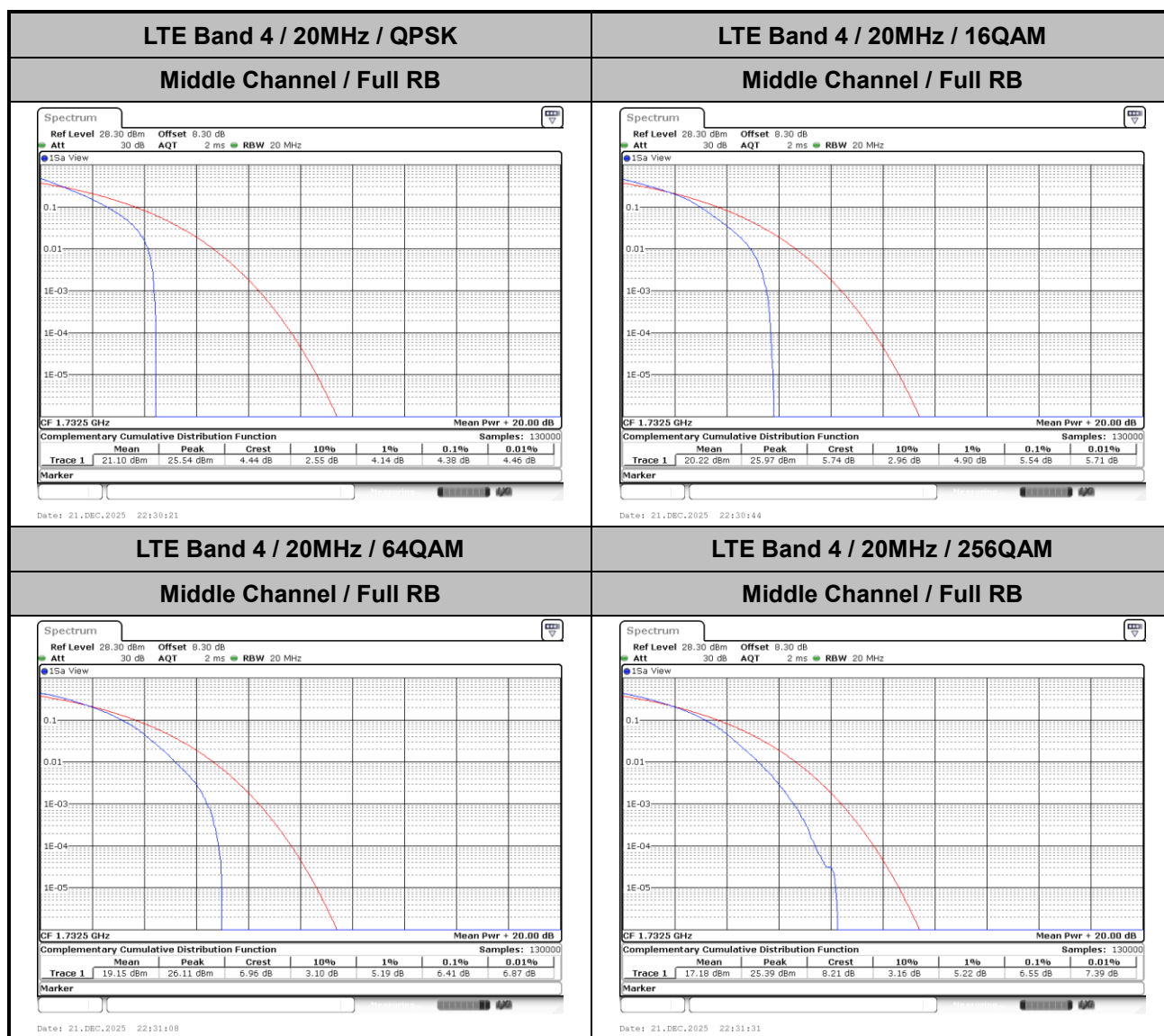
LTE Band 41C-PC3_CA Maximum Average Power [dBm] (GT - LC = -1.2 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+15	75	0	75	0	QPSK	18.41	18.58	18.61	17.41	0.0551
15+15	1	0	1	74		13.86	14.11	13.96		
15+15	1	74	1	0		17.89	18.09	18.14		
15+15	1	0	0	0		18.23	18.45	18.43		
15+15	75	0	75	0	16-QAM	18.45	18.74	18.71	17.55	0.0569
15+15	1	0	1	74		13.81	14.00	13.88		
15+15	1	74	1	0		18.30	18.67	18.61		
15+15	1	0	0	0		18.55	18.72	18.75		
15+15	75	0	75	0	64-QAM	18.57	18.81	18.70	17.61	0.0577
15+15	1	0	1	74		13.86	14.04	14.01		
15+15	1	74	1	0		18.54	18.73	18.68		
15+15	75	0	75	0	256-QAM	17.31	17.59	17.56	16.39	0.0436
15+15	1	0	1	74		13.78	13.97	13.90		
15+15	1	74	1	0		17.19	17.48	17.49		
Limit	EIRP < 2W					Result			Pass	



LTE Band 4

Peak-to-Average Ratio

Mode	LTE Band 4 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.38	5.54	6.41	6.55	PASS





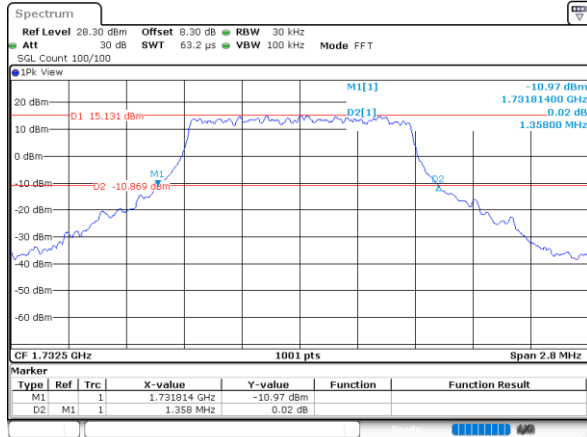
26dB Bandwidth

Mode	LTE Band 4 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.35	1.45	3.15	3.09	5.09	5.16	9.78	9.70	14.55	14.88	19.36	19.12

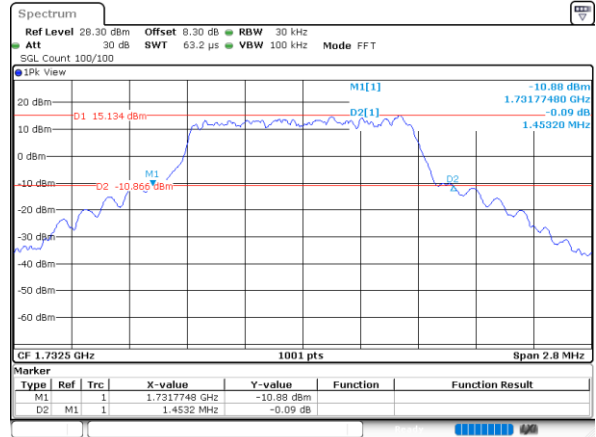


LTE Band 4

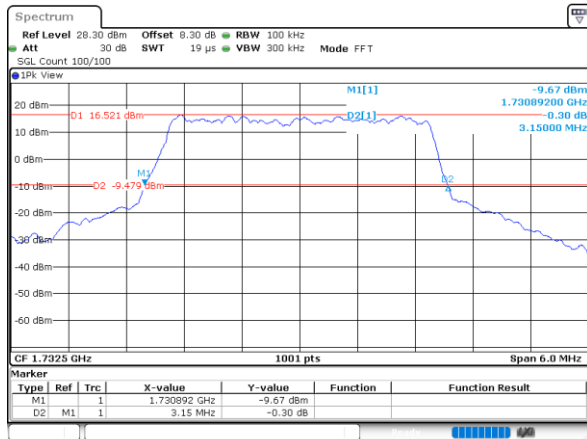
Middle Channel / 1.4MHz / QPSK



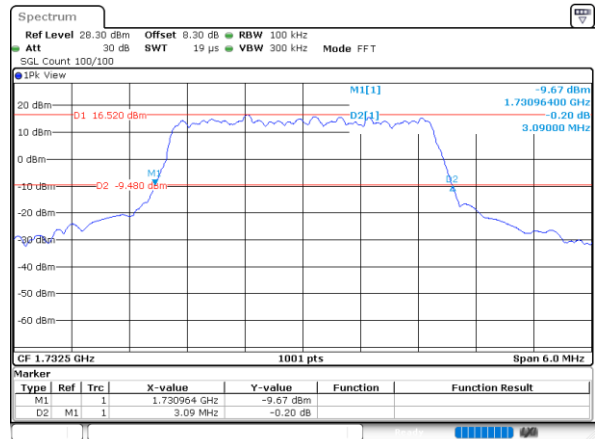
Middle Channel / 1.4MHz / 16QAM



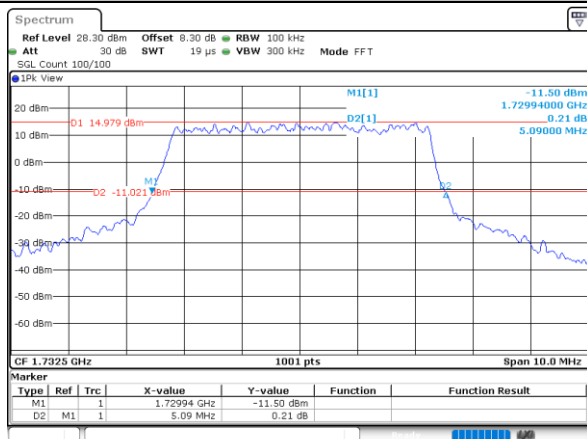
Middle Channel / 3MHz / QPSK



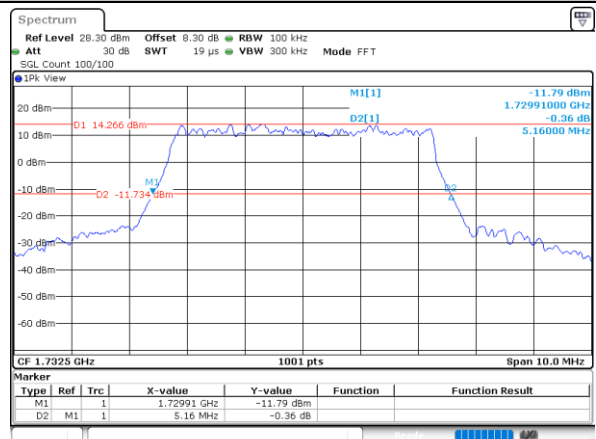
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



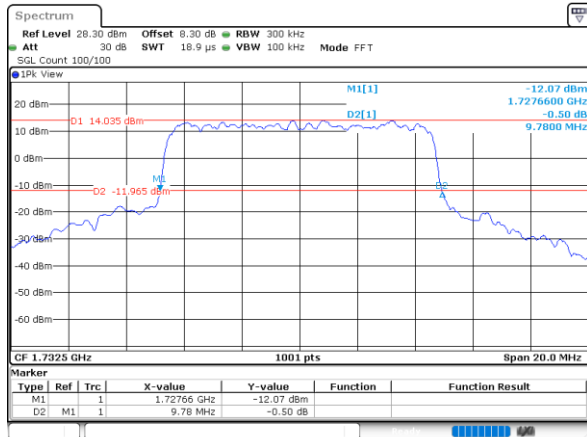
Middle Channel / 5MHz / 16QAM



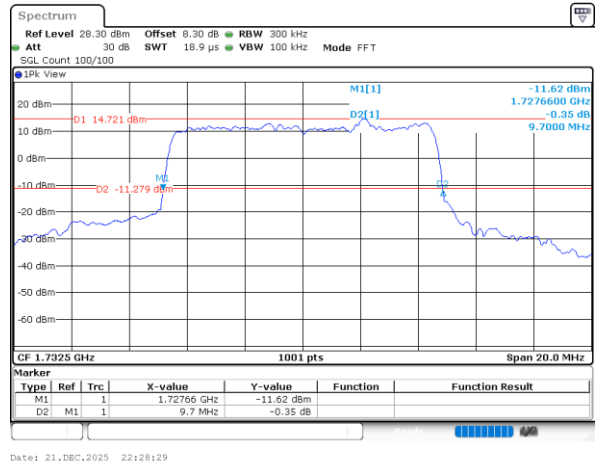


LTE Band 4

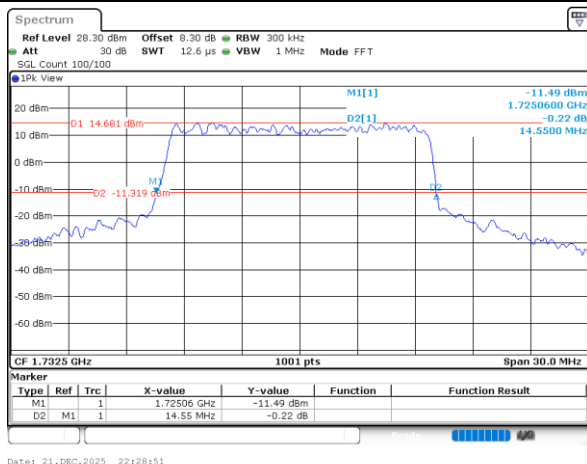
Middle Channel / 10MHz / QPSK



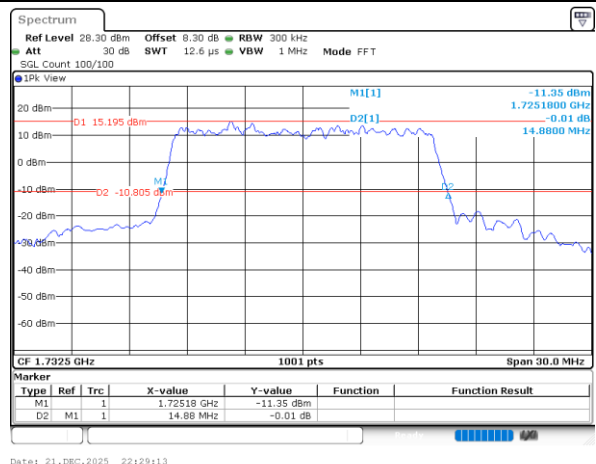
Middle Channel / 10MHz / 16QAM



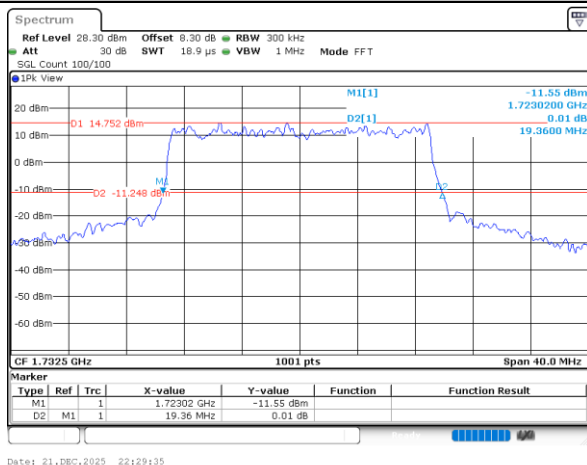
Middle Channel / 15MHz / QPSK



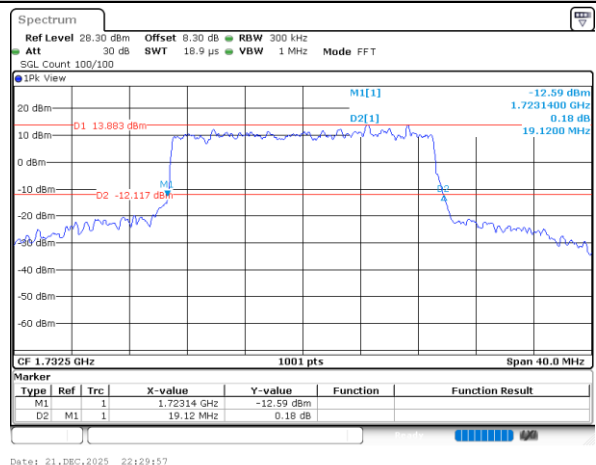
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM





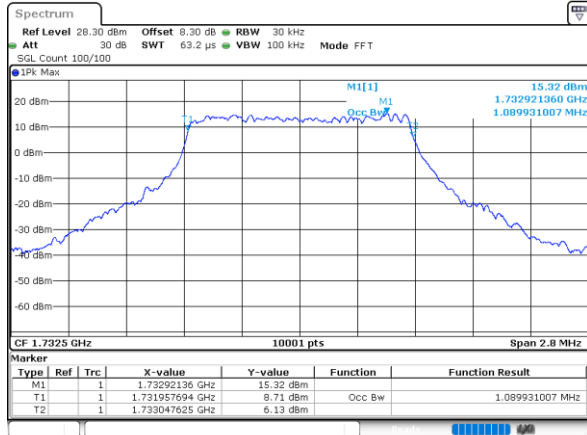
Occupied Bandwidth

Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.08	1.09	2.74	2.73	4.48	4.50	9.11	9.10	13.45	13.48	17.87	17.86



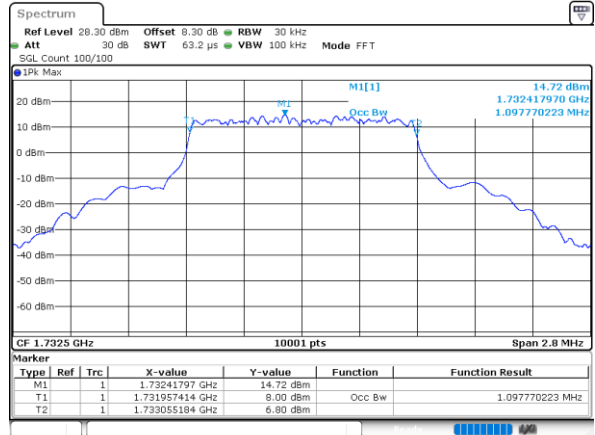
LTE Band 4

Middle Channel / 1.4MHz / QPSK



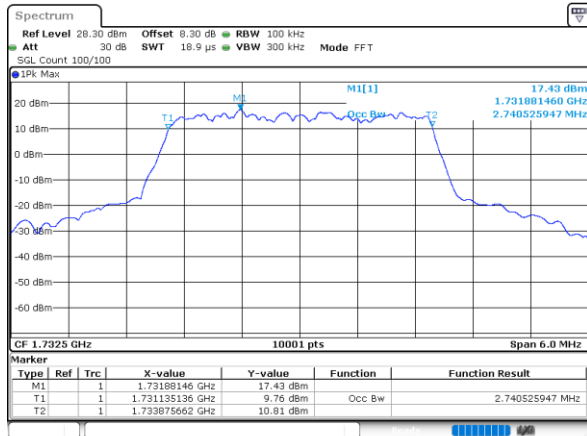
Date: 21.DEC.2025 22:21:23

Middle Channel / 1.4MHz / 16QAM



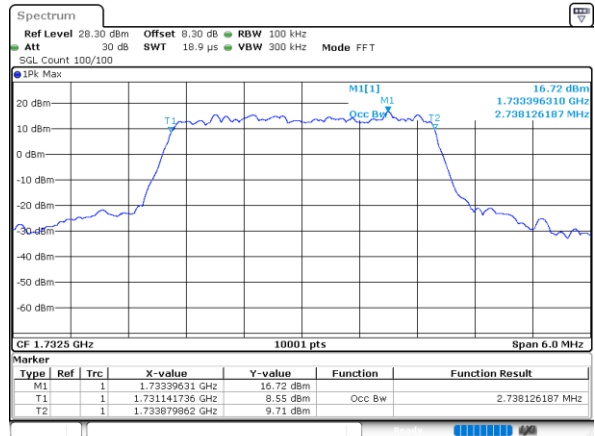
Date: 21.DEC.2025 22:21:46

Middle Channel / 3MHz / QPSK



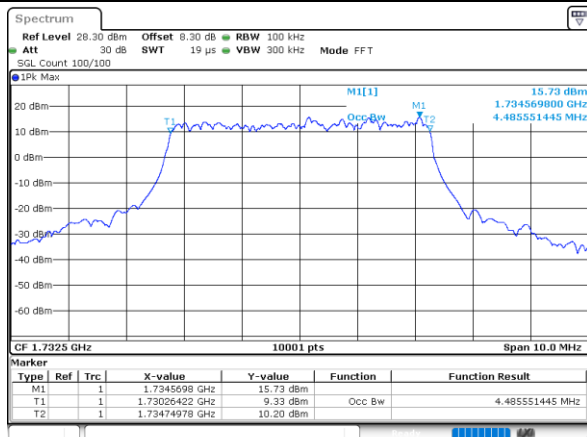
Date: 21.DEC.2025 22:22:08

Middle Channel / 3MHz / 16QAM



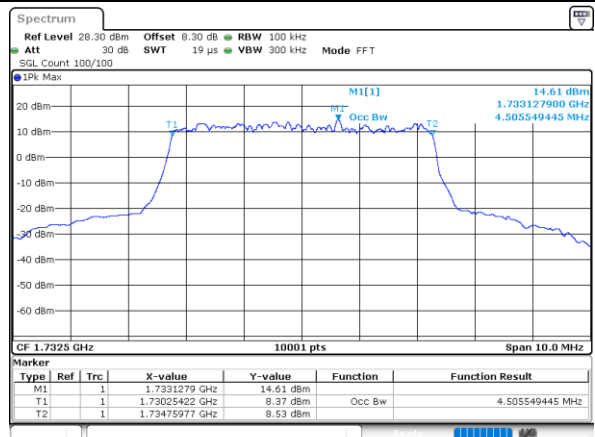
Date: 21.DEC.2025 22:22:31

Middle Channel / 5MHz / QPSK



Date: 21.DEC.2025 22:22:54

Middle Channel / 5MHz / 16QAM

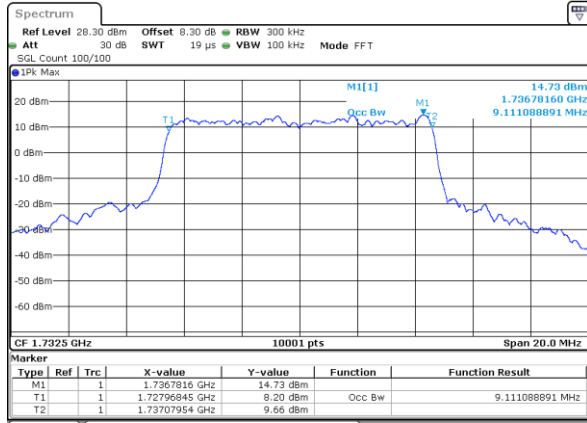


Date: 21.DEC.2025 22:23:17



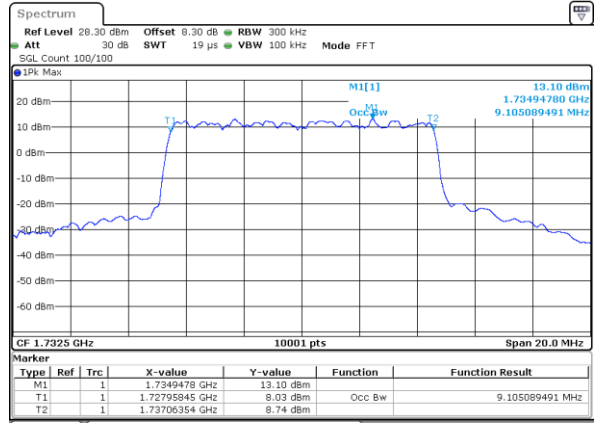
LTE Band 4

Middle Channel / 10MHz / QPSK



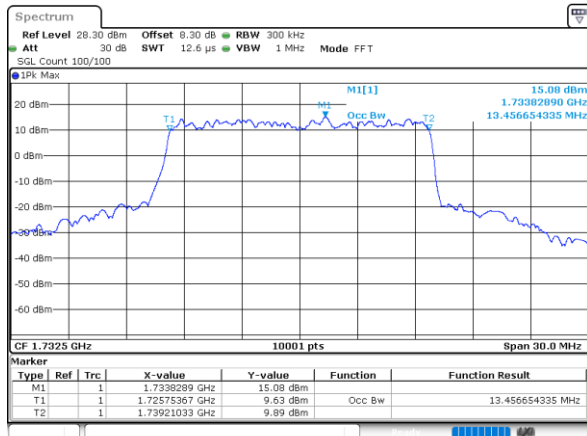
Date: 21.DEC.2025 22:23:40

Middle Channel / 10MHz / 16QAM



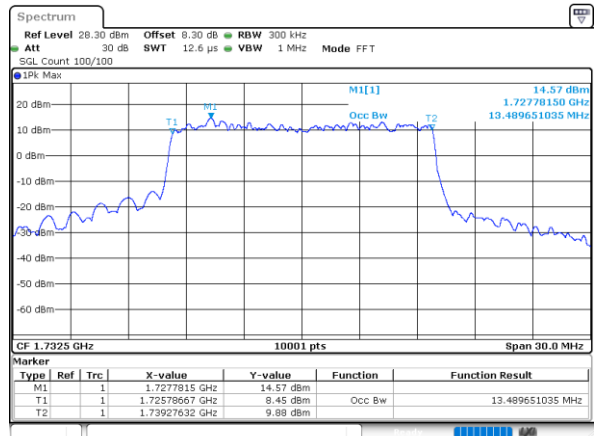
Date: 21.DEC.2025 22:24:02

Middle Channel / 15MHz / QPSK



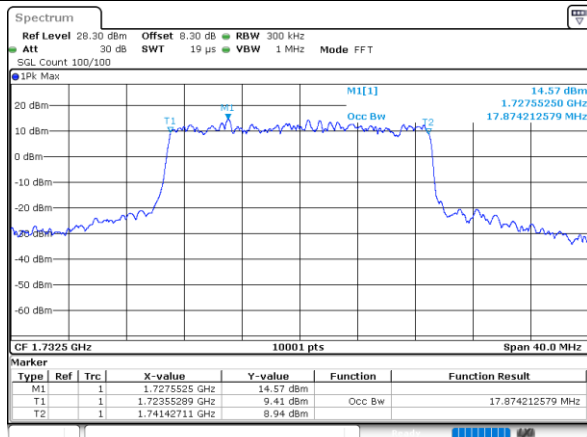
Date: 21.DEC.2025 22:24:26

Middle Channel / 15MHz / 16QAM



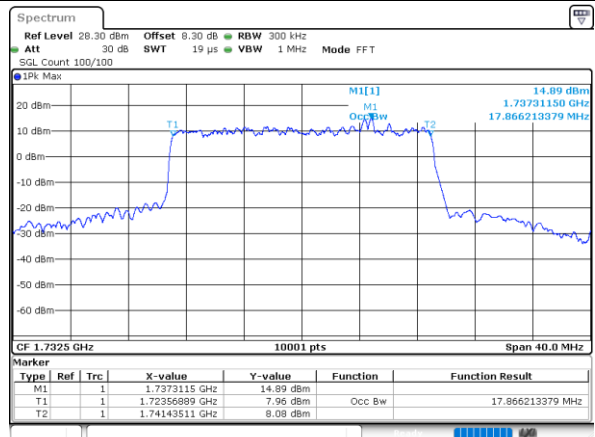
Date: 21.DEC.2025 22:24:48

Middle Channel / 20MHz / QPSK



Date: 21.DEC.2025 22:25:11

Middle Channel / 20MHz / 16QAM



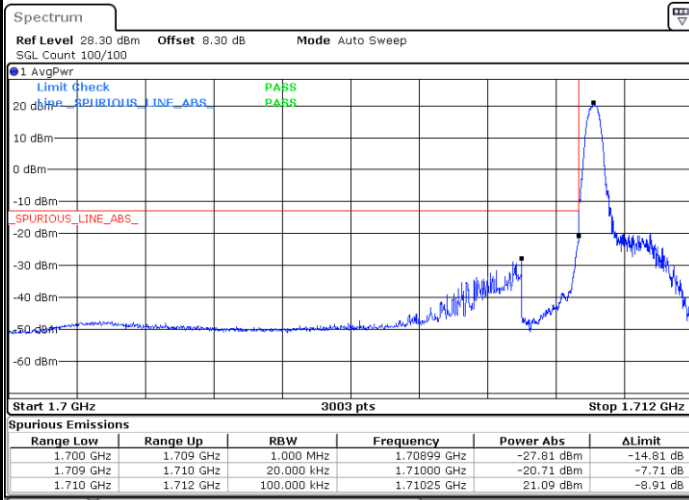
Date: 21.DEC.2025 22:25:34



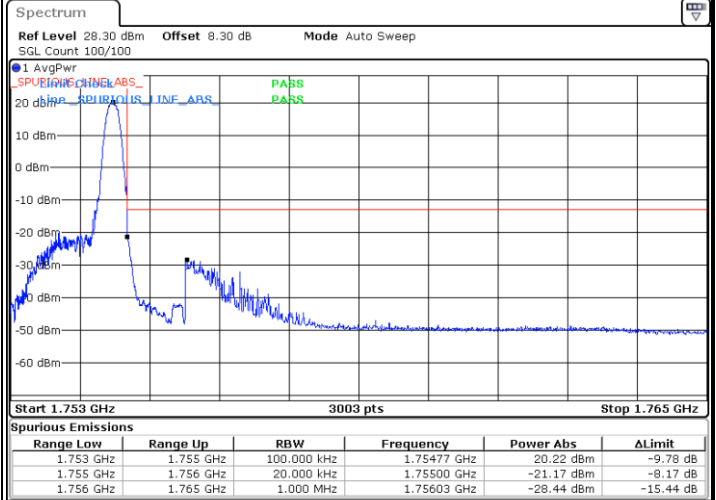
Conducted Band Edge

LTE Band 4 / 1.4MHz / QPSK

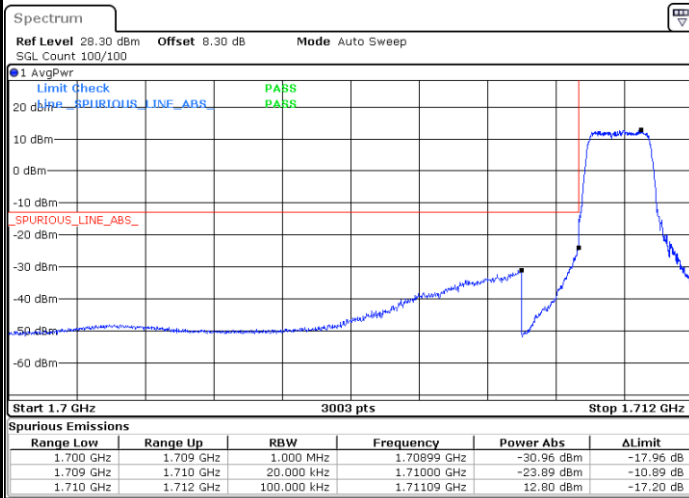
Lowest Band Edge / 1RB



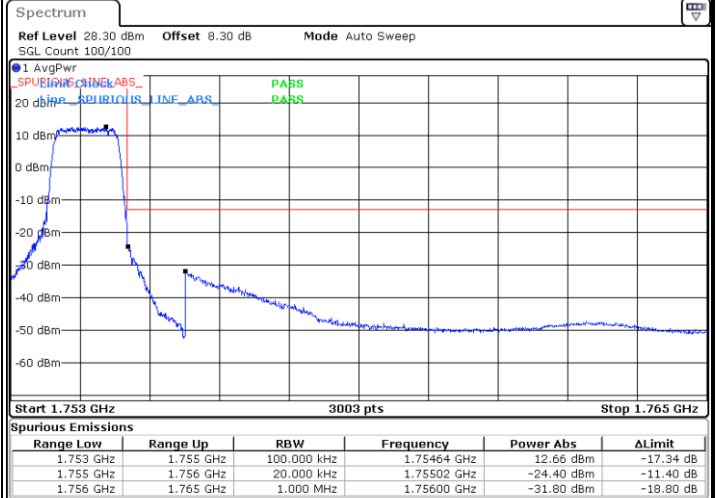
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



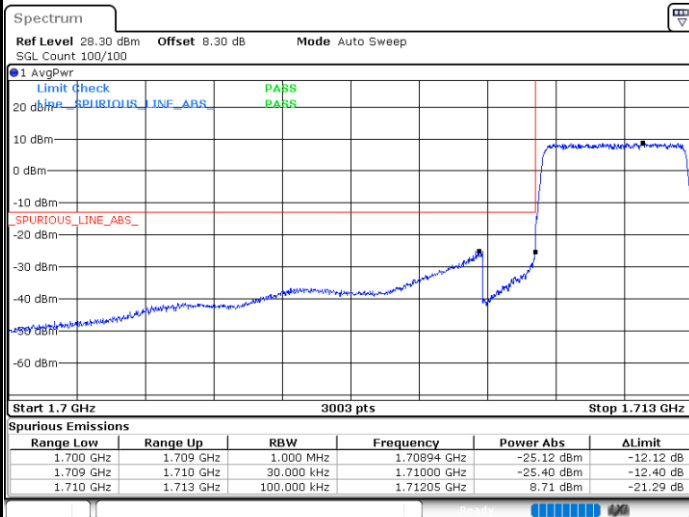
Highest Band Edge / Full RB



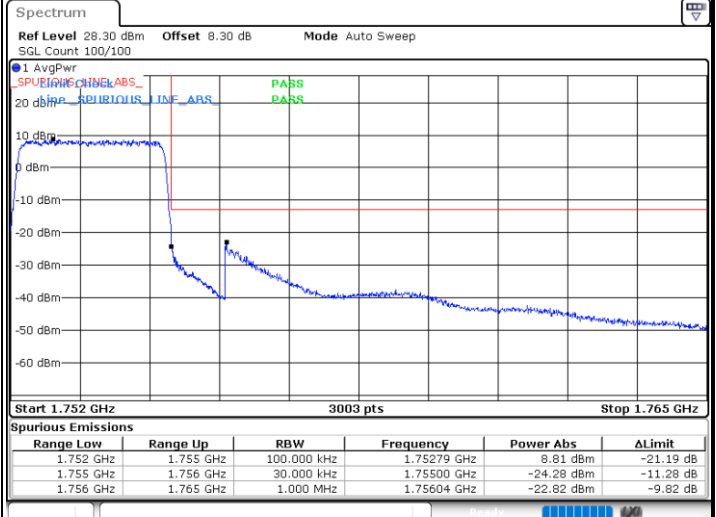


LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / Full RB

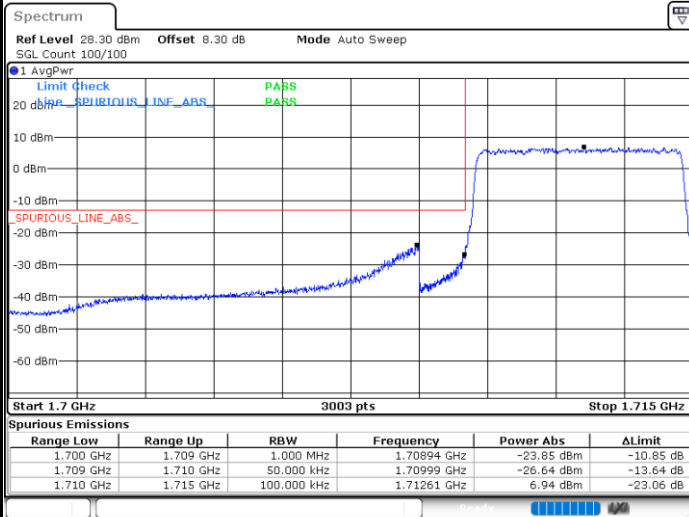


Highest Band Edge / Full RB

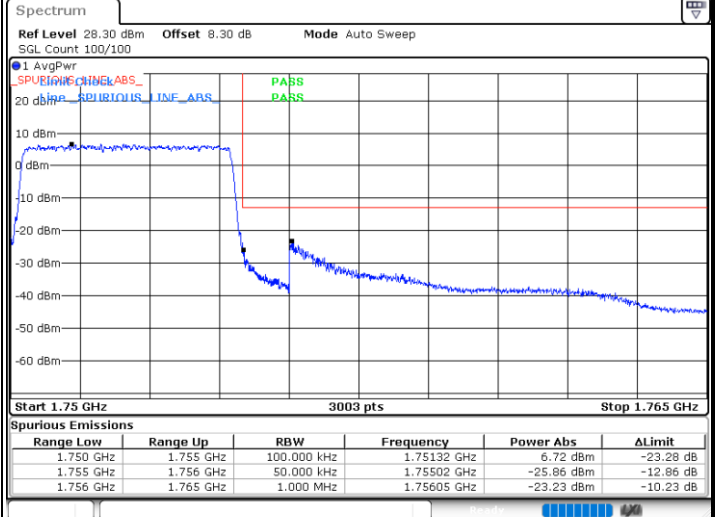


LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / Full RB



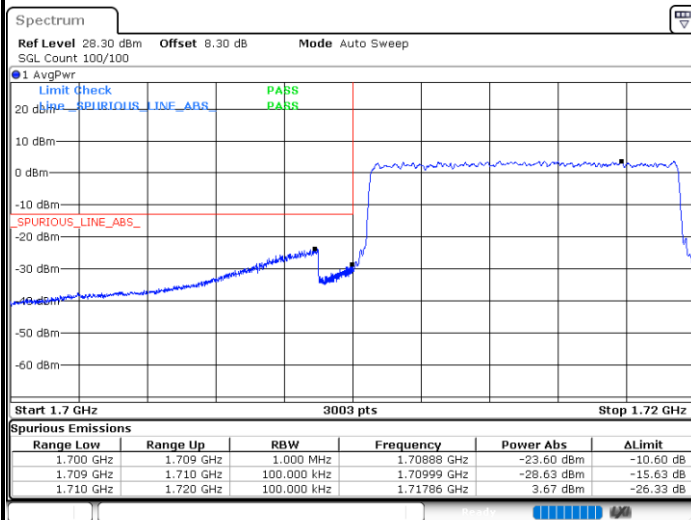
Highest Band Edge / Full RB



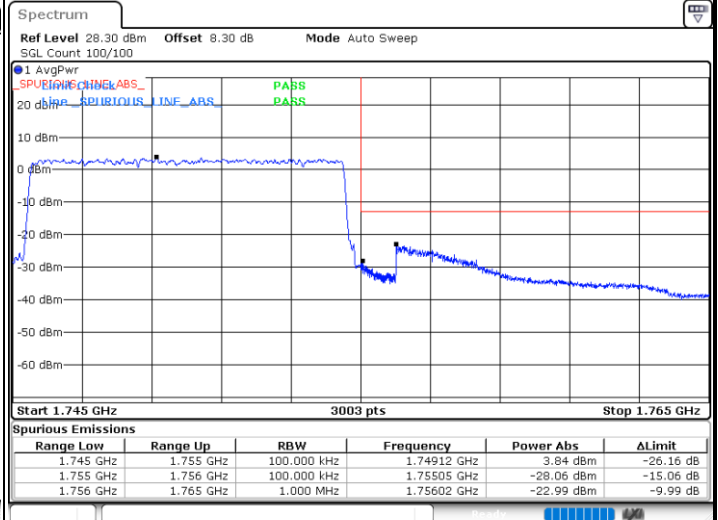


LTE Band 4 / 10MHz / QPSK

Lowest Band Edge / Full RB

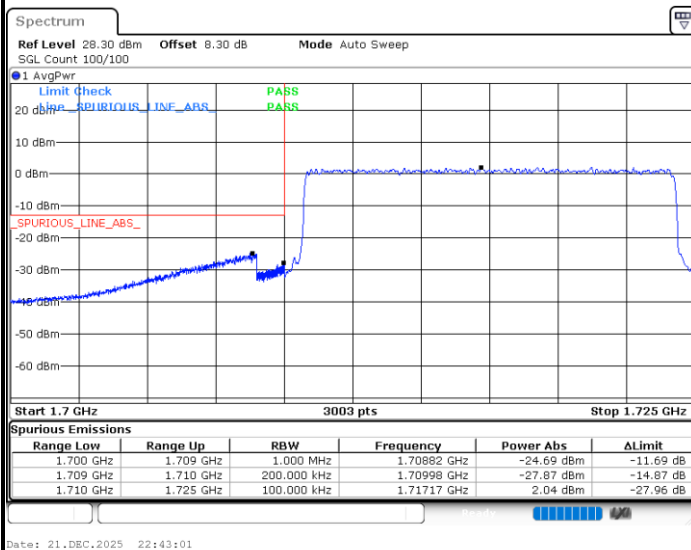


Highest Band Edge / Full RB

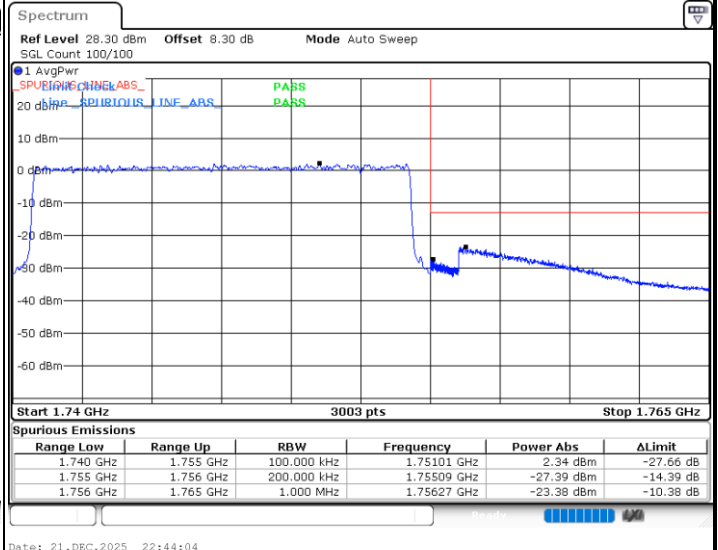


LTE Band 4 / 15MHz / QPSK

Lowest Band Edge / Full RB



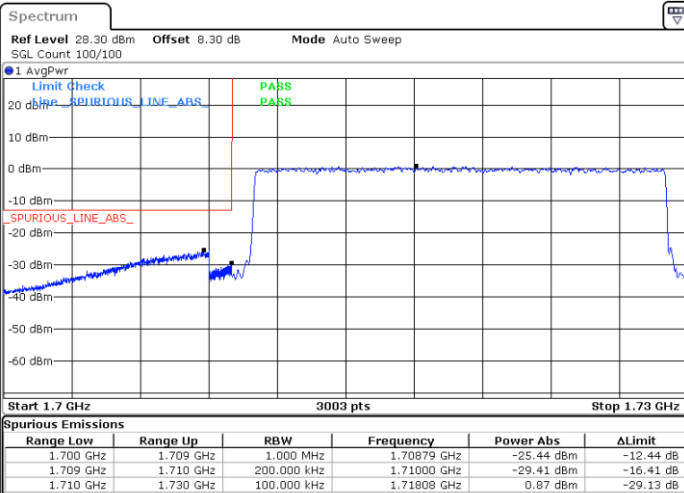
Highest Band Edge / Full RB



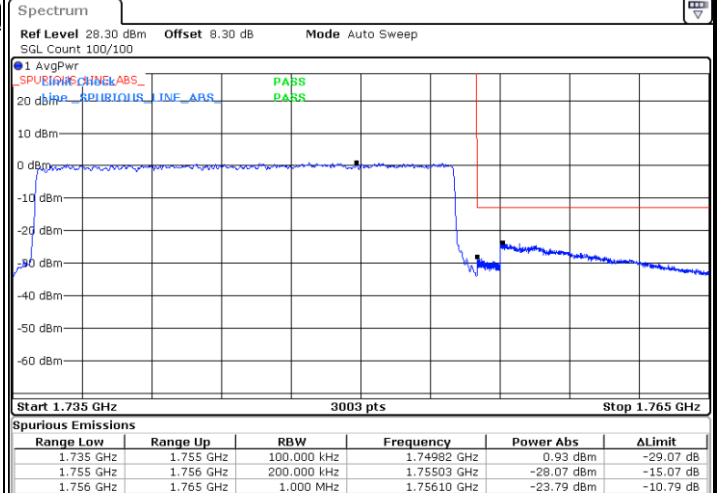


LTE Band 4 / 20MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

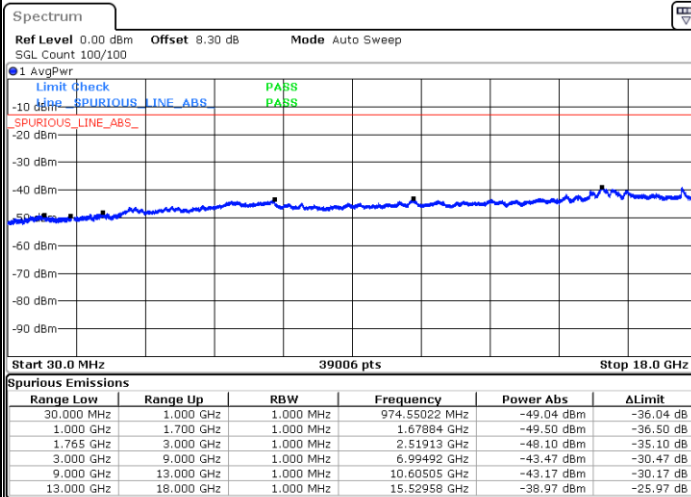




Conducted Spurious Emission

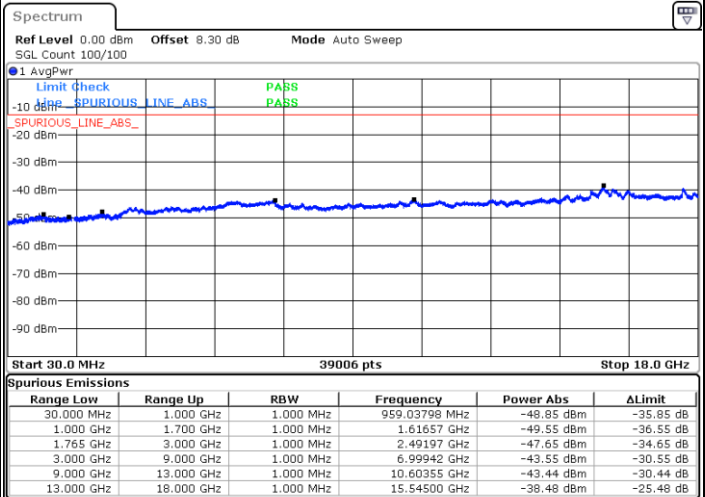
LTE Band 4 / 1.4MHz

Lowest Channel / QPSK



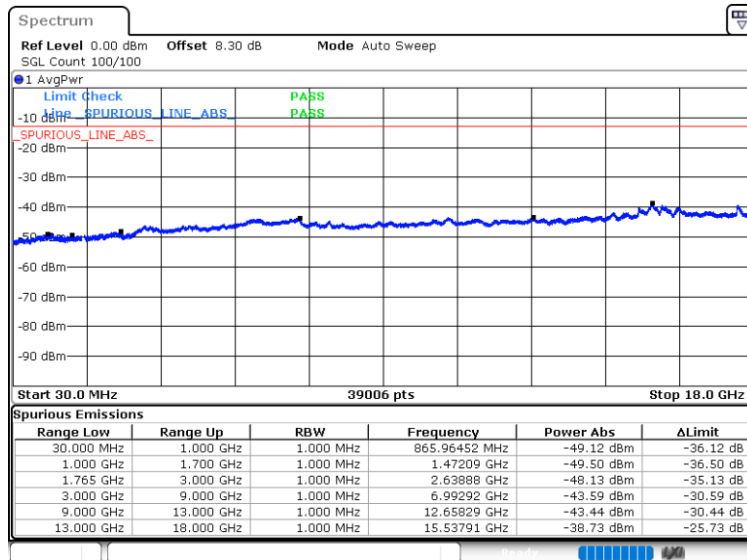
Date: 21.DEC.2025 22:47:22

Middle Channel / QPSK



Date: 21.DEC.2025 22:48:35

Highest Channel / QPSK

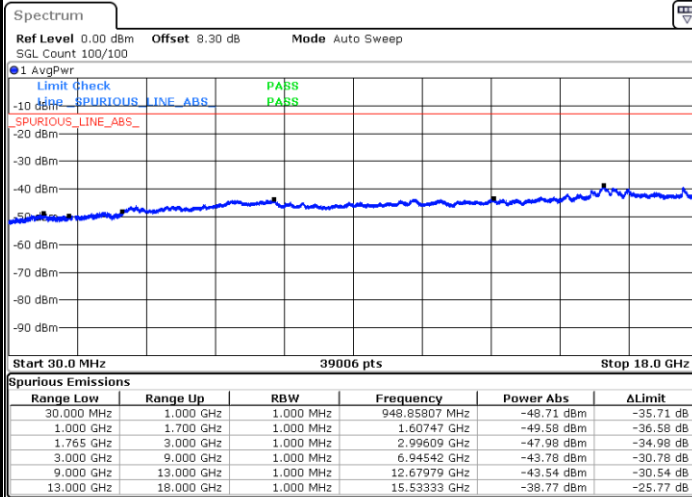


Date: 21.DEC.2025 22:49:47



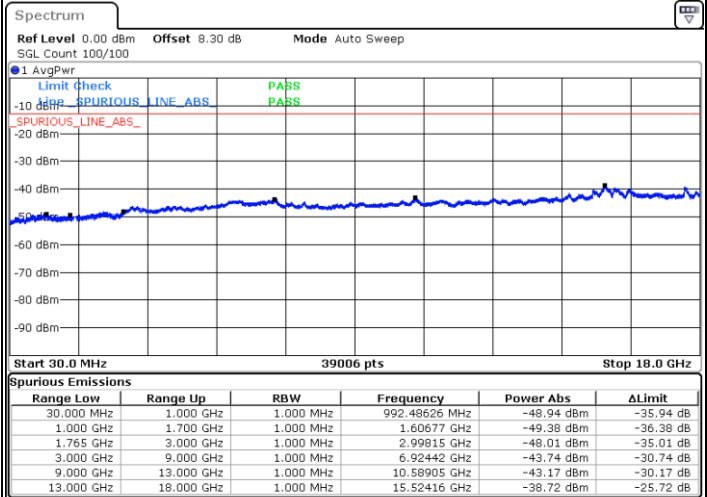
LTE Band 4 / 3MHz

Lowest Channel / QPSK



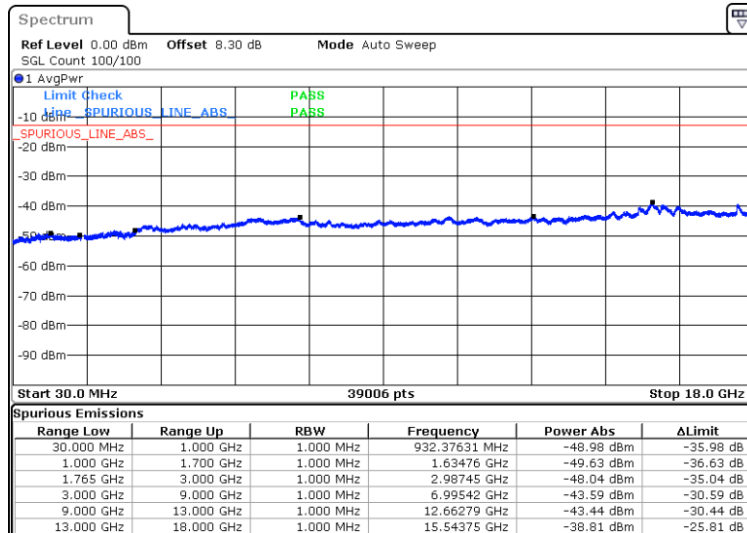
Date: 21.DEC.2025 22:51:01

Middle Channel / QPSK



Date: 21.DEC.2025 22:52:13

Highest Channel / QPSK

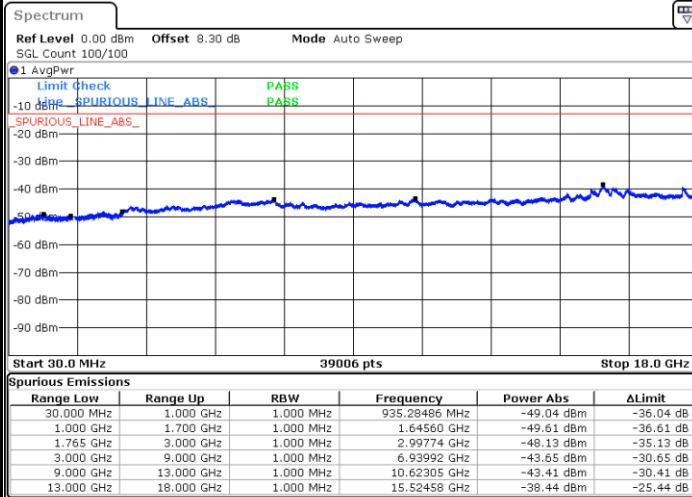


Date: 21.DEC.2025 22:53:25



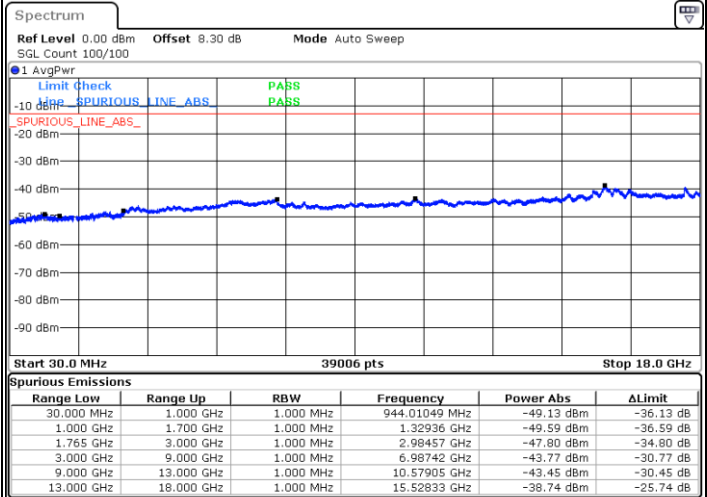
LTE Band 4 / 5MHz

Lowest Channel / QPSK



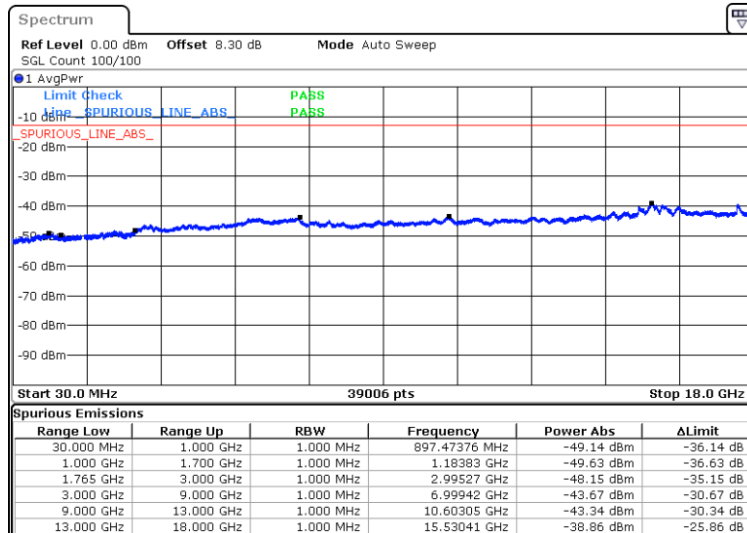
Date: 21.DEC.2025 22:54:39

Middle Channel / QPSK



Date: 21.DEC.2025 22:55:51

Highest Channel / QPSK

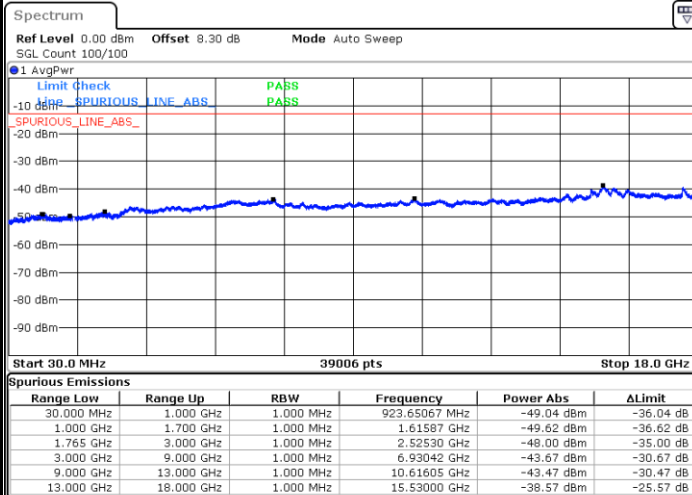


Date: 21.DEC.2025 22:57:03



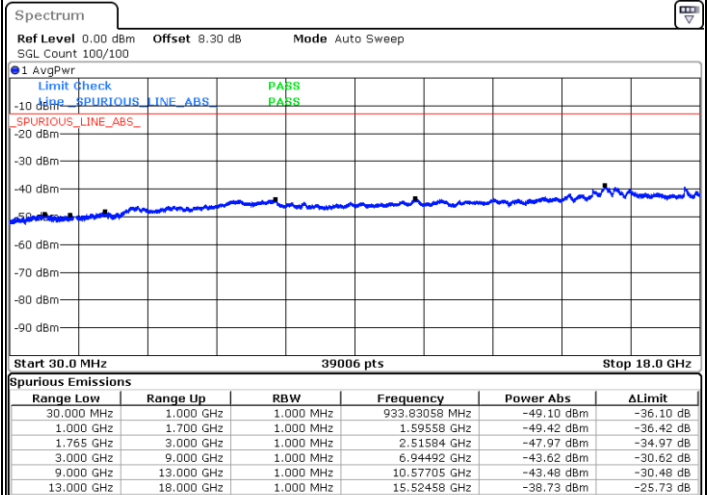
LTE Band 4 / 10MHz

Lowest Channel / QPSK



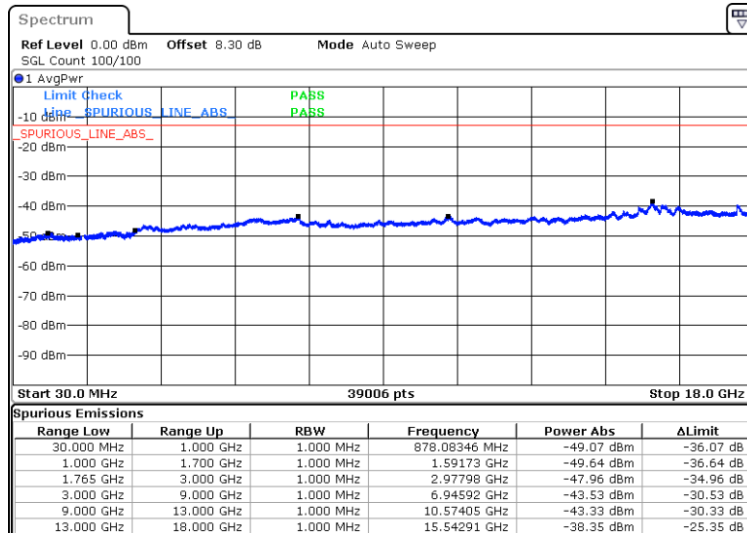
Date: 21.DEC.2025 22:58:17

Middle Channel / QPSK



Date: 21.DEC.2025 22:59:29

Highest Channel / QPSK

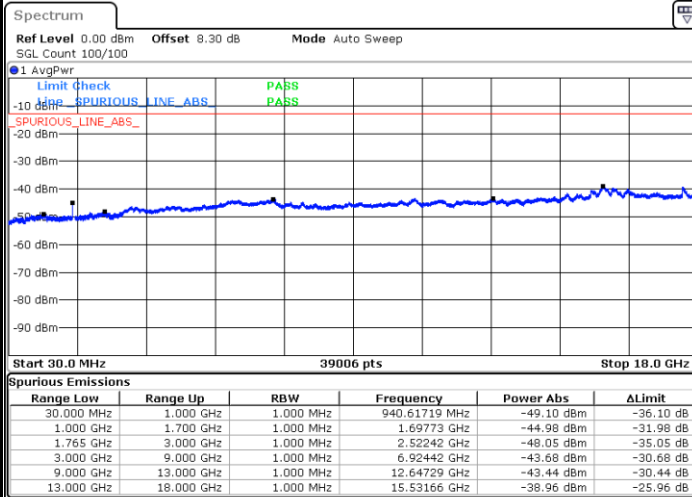


Date: 21.DEC.2025 23:00:41



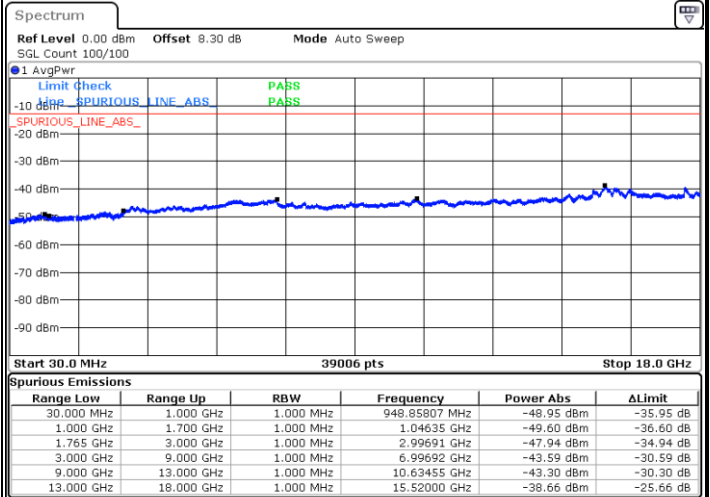
LTE Band 4 / 15MHz

Lowest Channel / QPSK



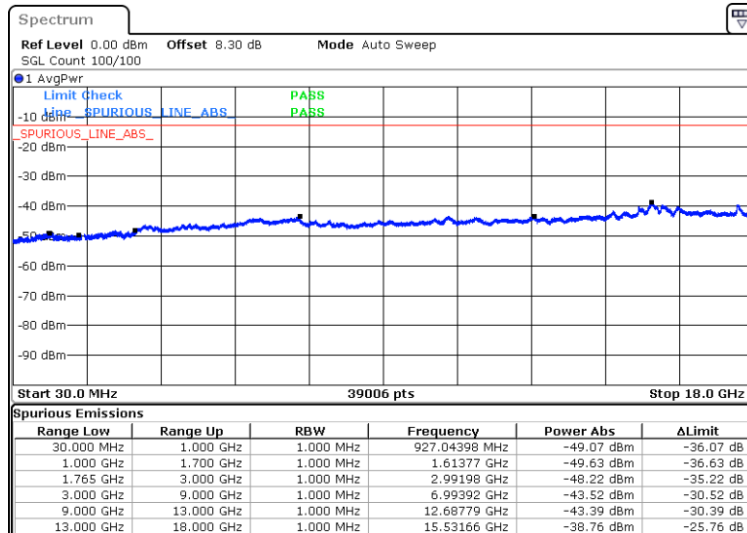
Date: 21.DEC.2025 23:01:55

Middle Channel / QPSK



Date: 21.DEC.2025 23:03:07

Highest Channel / QPSK

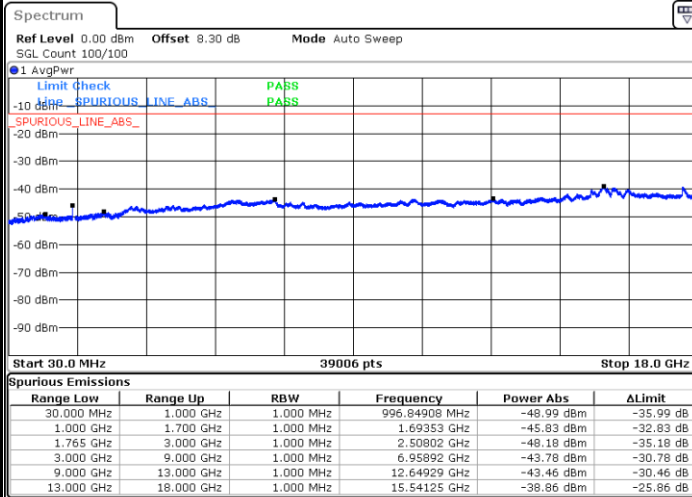


Date: 21.DEC.2025 23:04:19



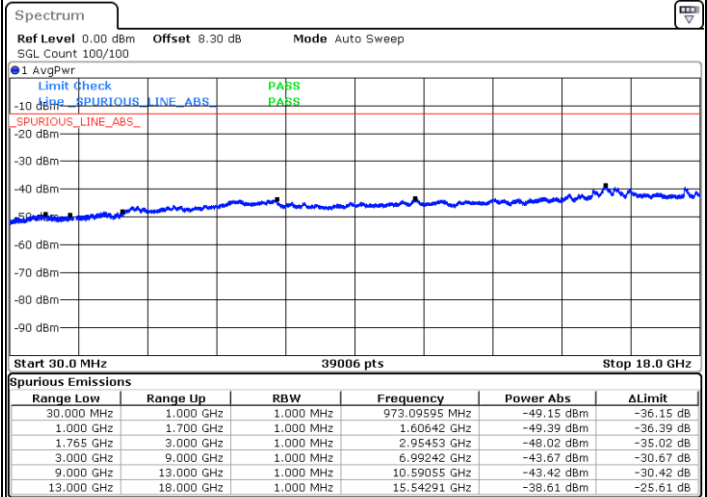
LTE Band 4 / 20MHz

Lowest Channel / QPSK



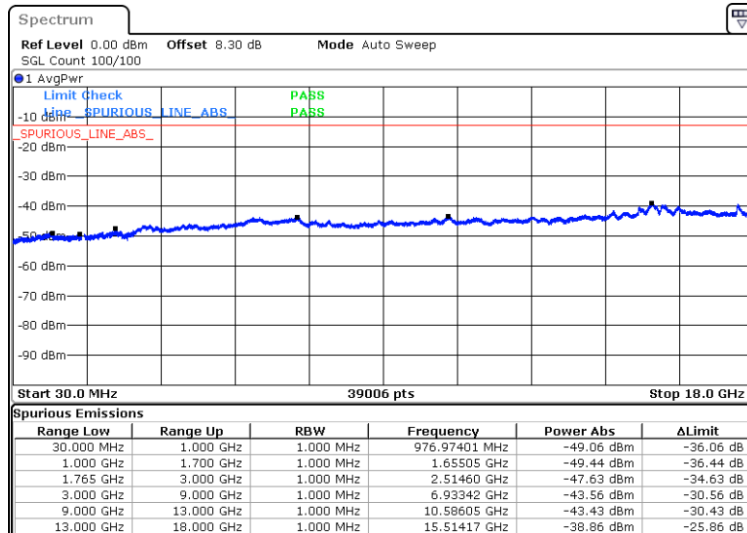
Date: 21.DEC.2025 23:05:33

Middle Channel / QPSK



Date: 21.DEC.2025 23:06:45

Highest Channel / QPSK



Date: 21.DEC.2025 23:07:57

Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel / BandWidth 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0008	1.3	Yes	PASS
40	Normal Voltage	0.0075	13	Yes	
30	Normal Voltage	0.0039	6.8	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0032	5.6	Yes	
0	Normal Voltage	0.0009	1.6	Yes	
-10	Normal Voltage	0.0016	-2.7	Yes	
-20	Normal Voltage	0.0026	-4.5	Yes	
-30	Normal Voltage	0.0006	-1	Yes	
20	Maximum Voltage	0.0084	14.6	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0076	13.2	Yes	

Note:

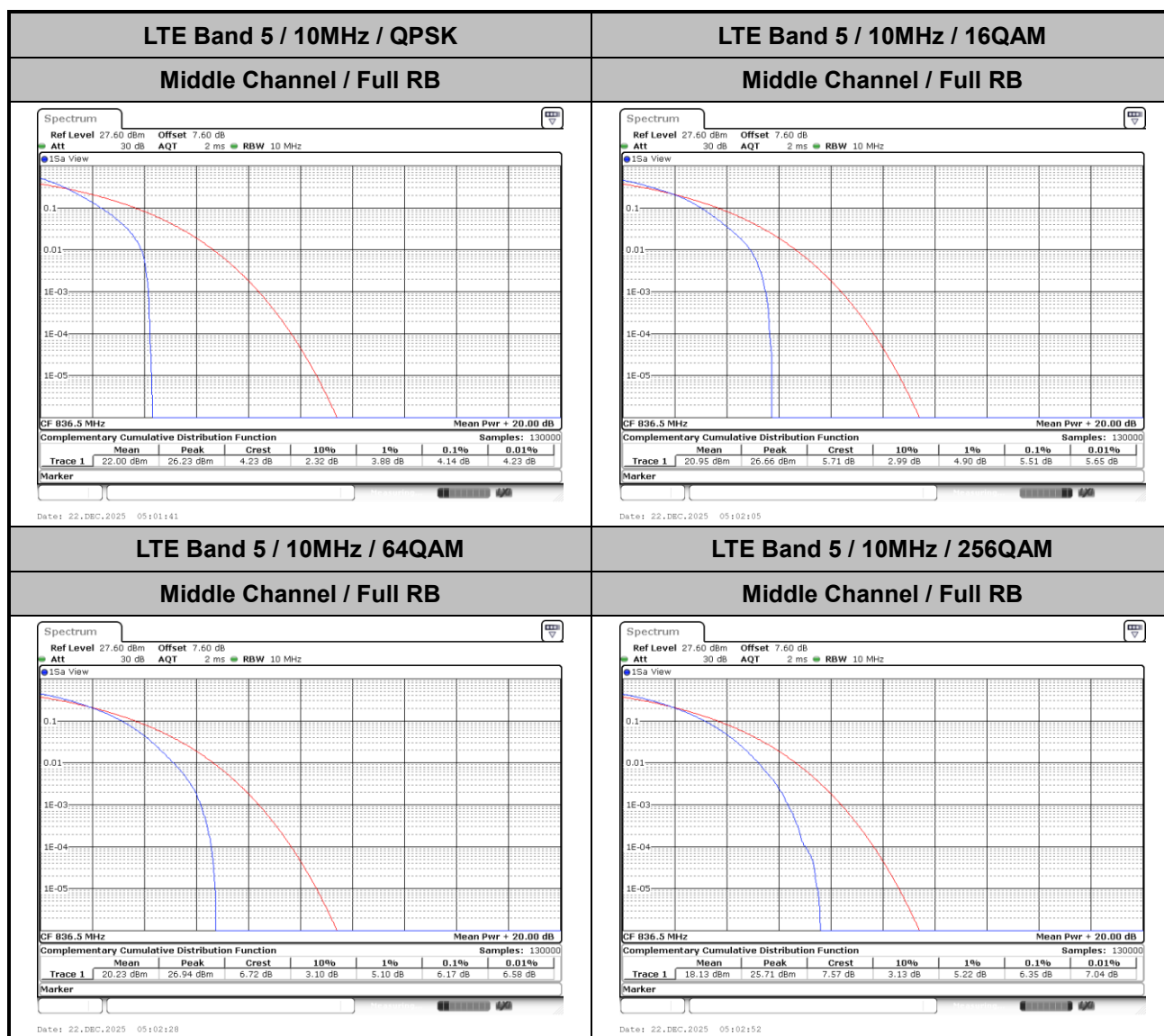
1. Normal Voltage = 3.89 V. ; Minimum Voltage = 3.5 V. ; Maximum Voltage = 4.28 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.



LTE Band 5

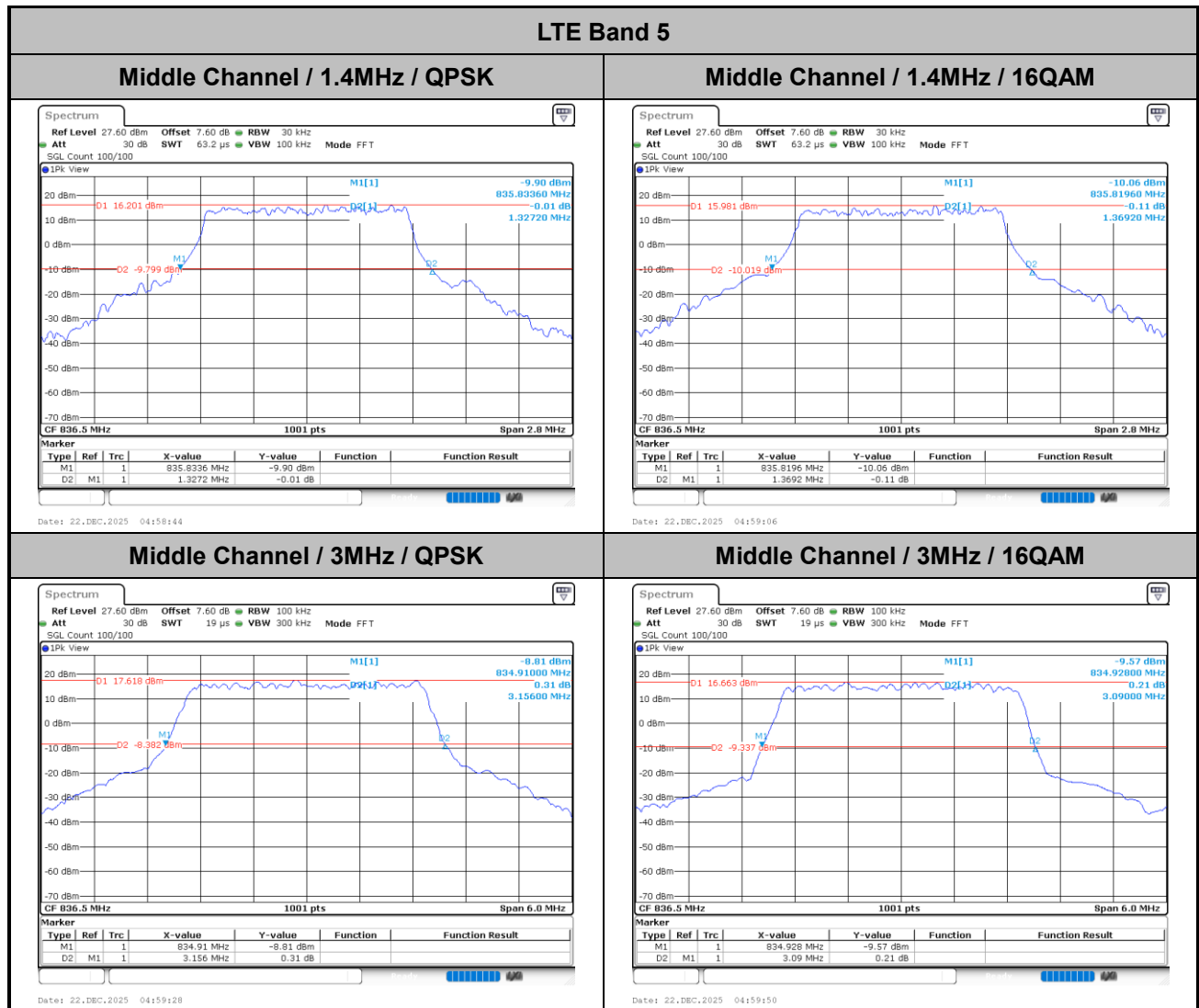
Peak-to-Average Ratio

Mode	LTE Band 5 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.14	5.51	6.17	6.35	PASS



**26dB Bandwidth**

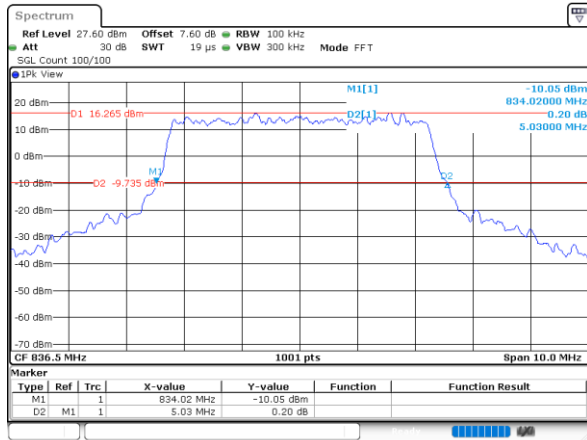
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.32	1.36	3.15	3.09	5.03	4.98	9.84	10.02	-	-	-	-



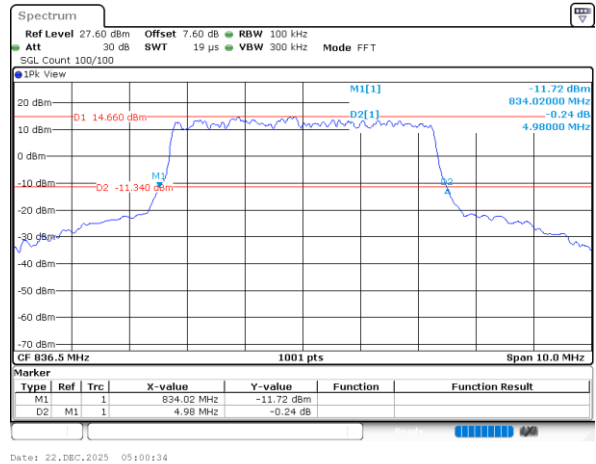


LTE Band 5

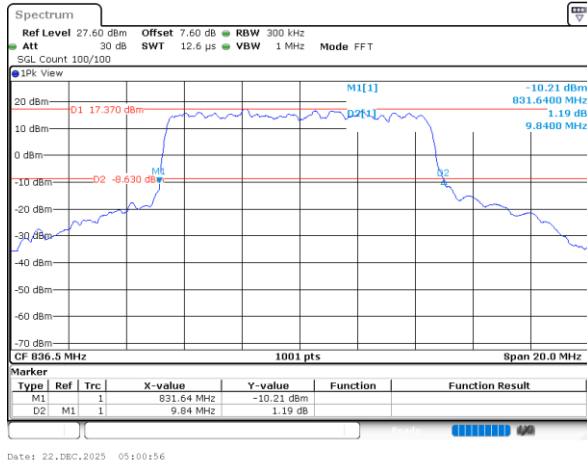
Middle Channel / 5MHz / QPSK



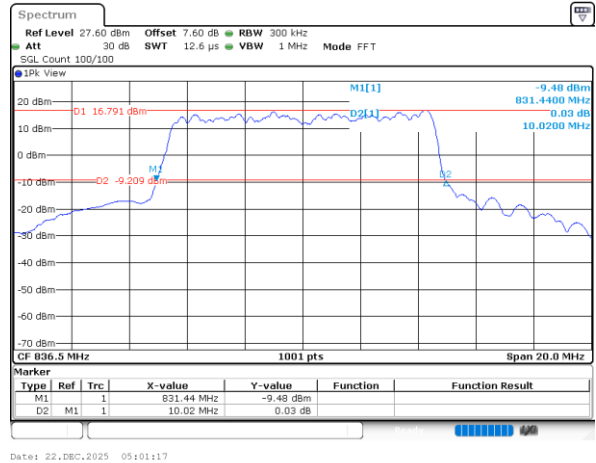
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK



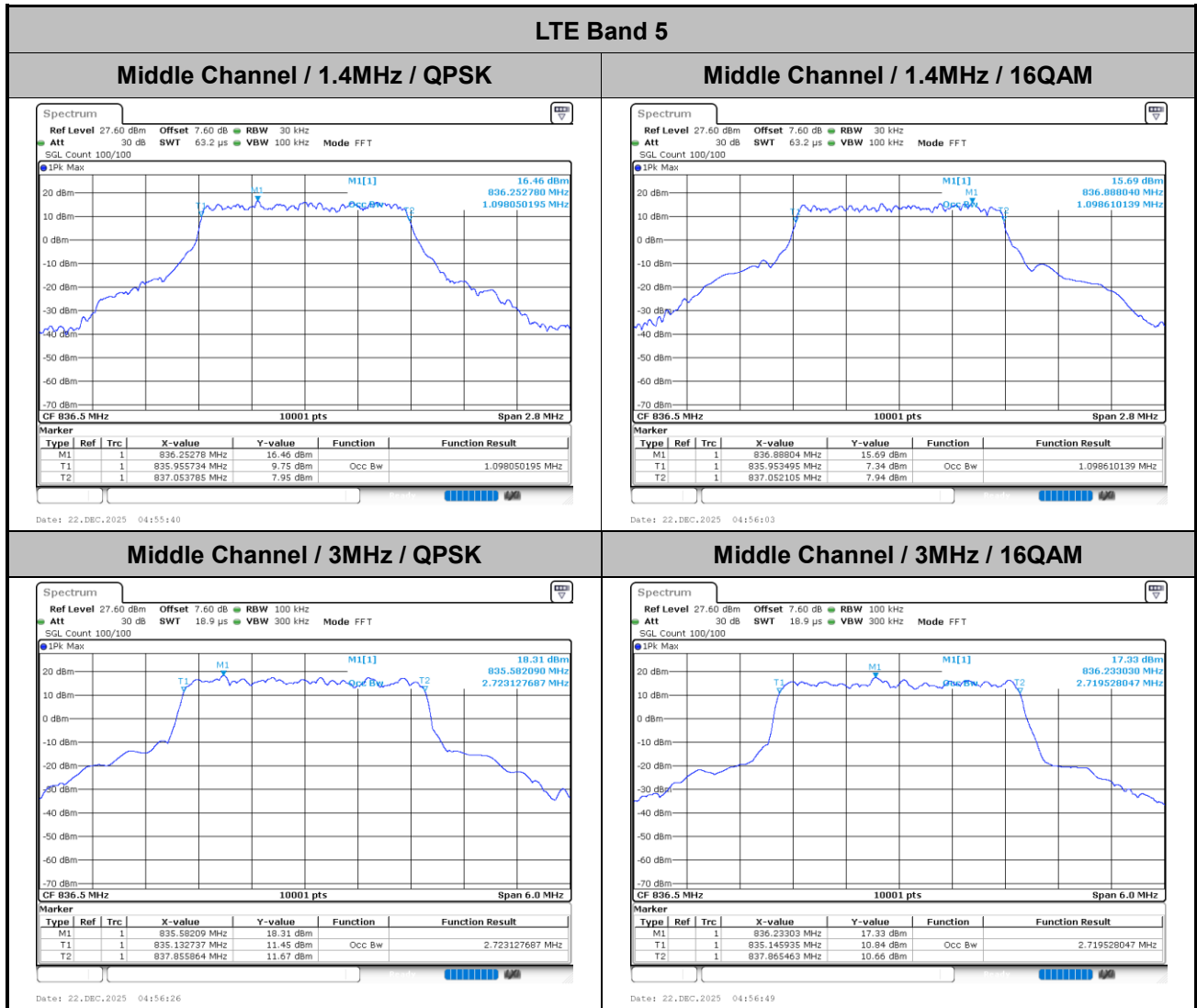
Middle Channel / 10MHz / 16QAM





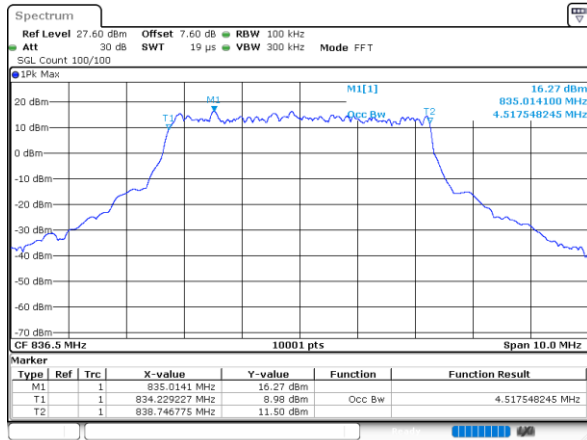
Occupied Bandwidth

Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.09	2.72	2.71	4.51	4.48	9.05	9.08	-	-	-	-

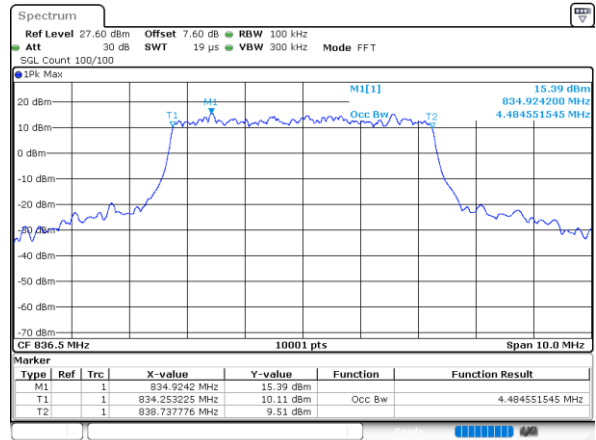


LTE Band 5

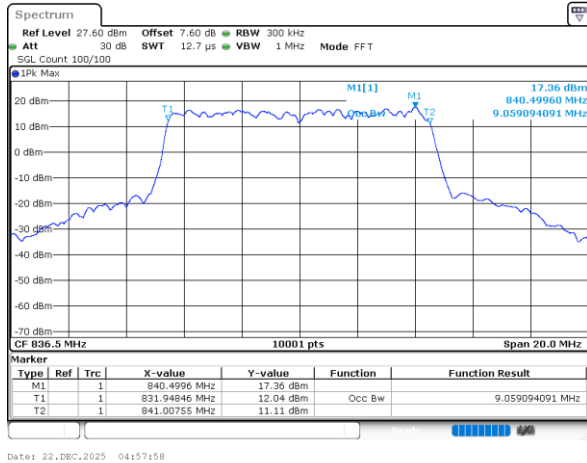
Middle Channel / 5MHz / QPSK



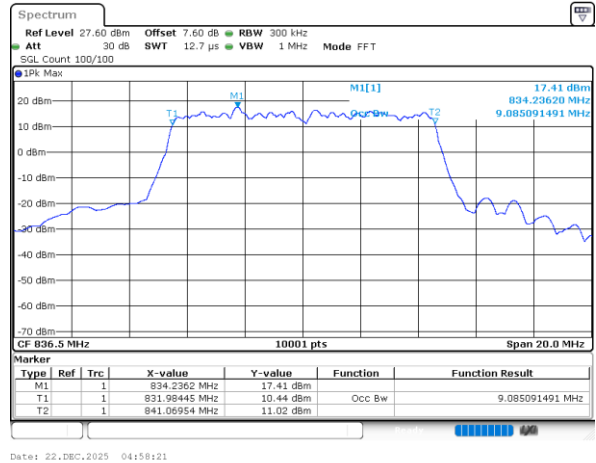
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM

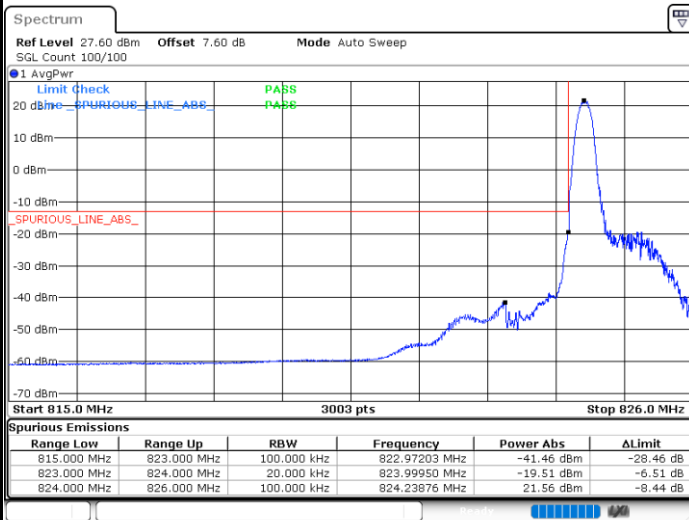




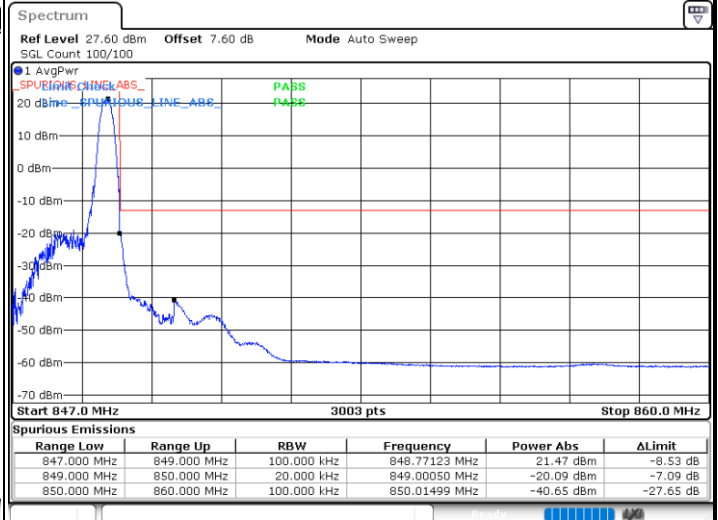
Conducted Band Edge

LTE Band 5 / 1.4MHz / QPSK

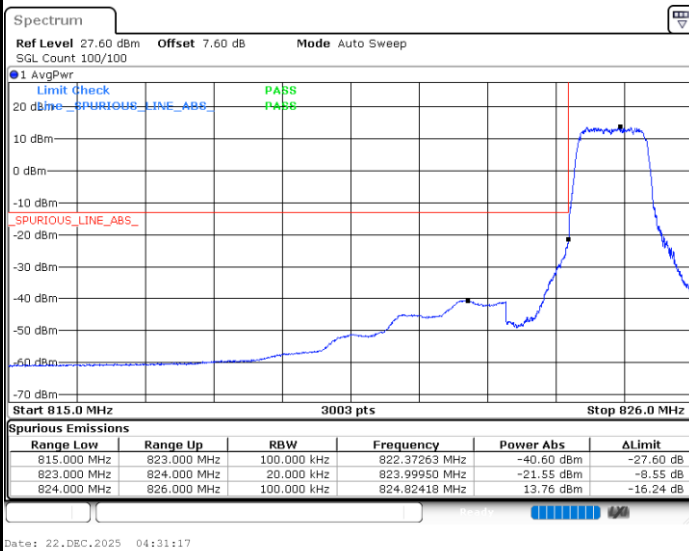
Lowest Band Edge / 1RB



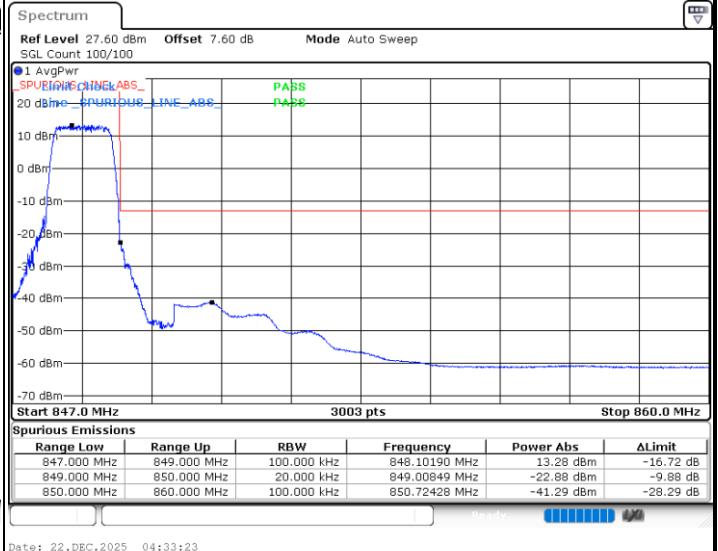
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



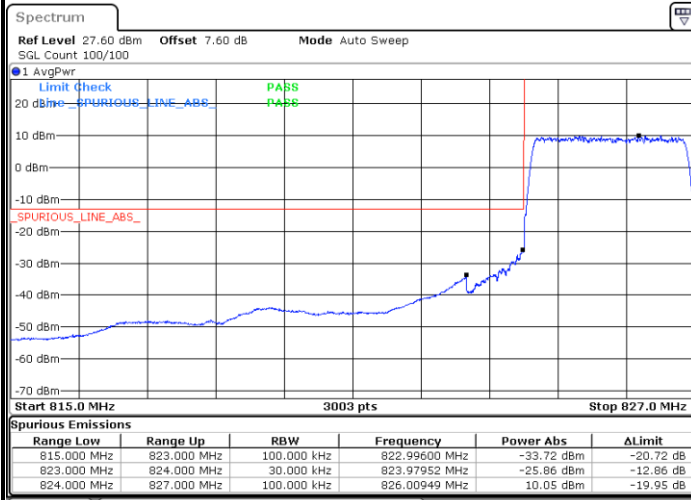
Highest Band Edge / Full RB



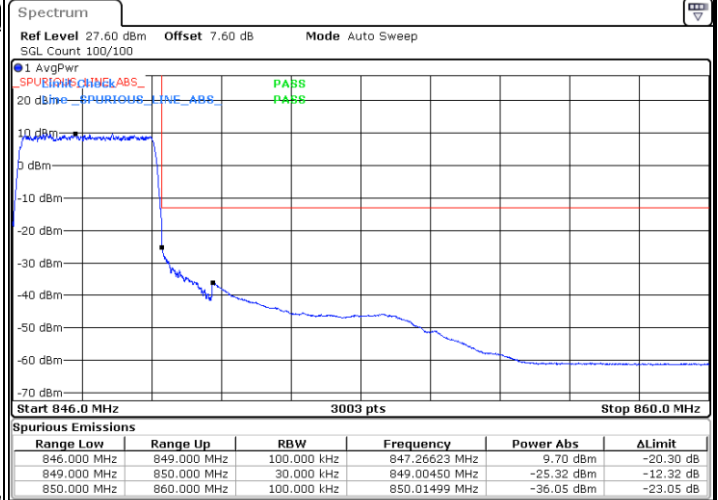


LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / Full RB

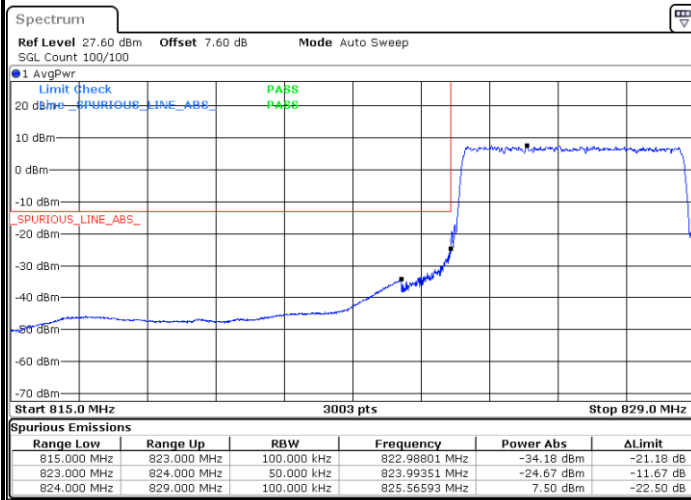


Highest Band Edge / Full RB

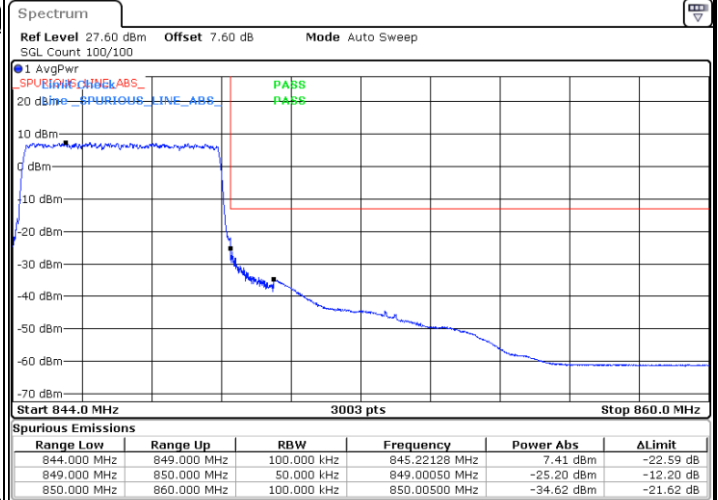


LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

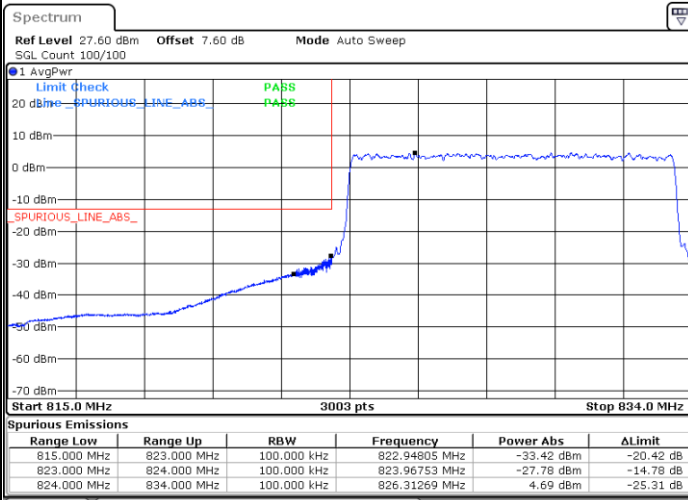




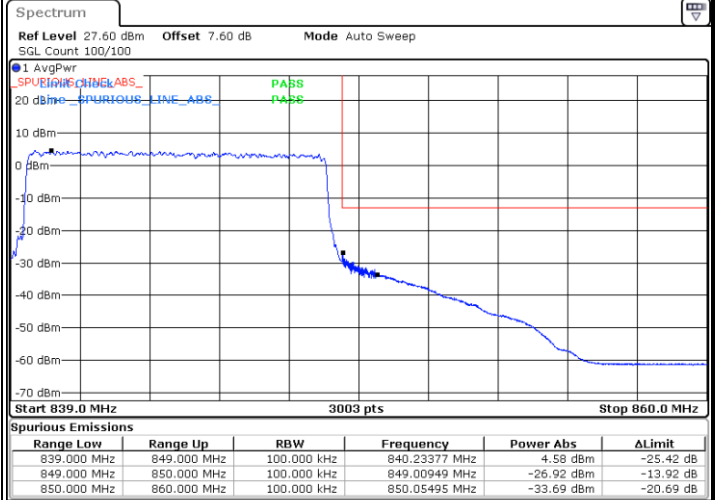
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.DEC.2025 04:38:37



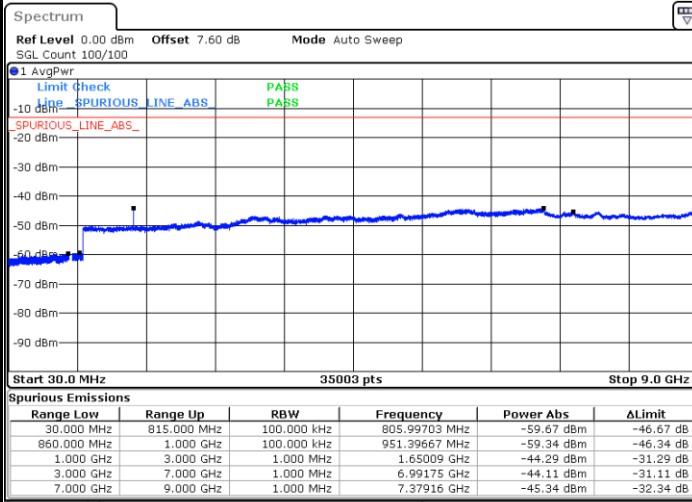
Date: 22.DEC.2025 04:39:40



Conducted Spurious Emission

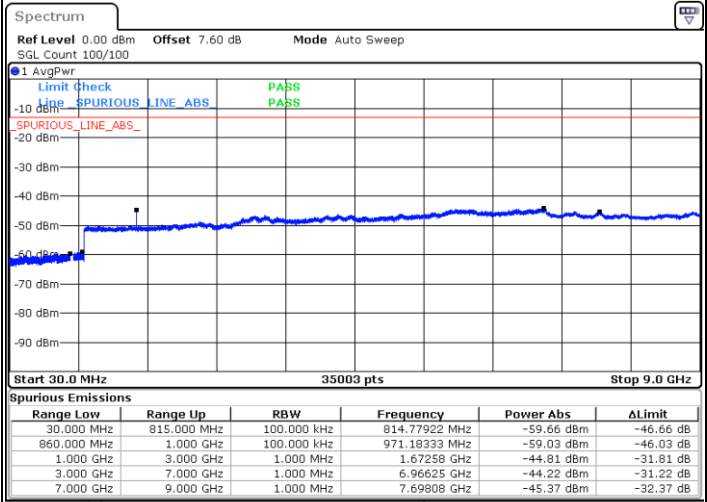
LTE Band 5 / 1.4MHz

Lowest Channel / QPSK



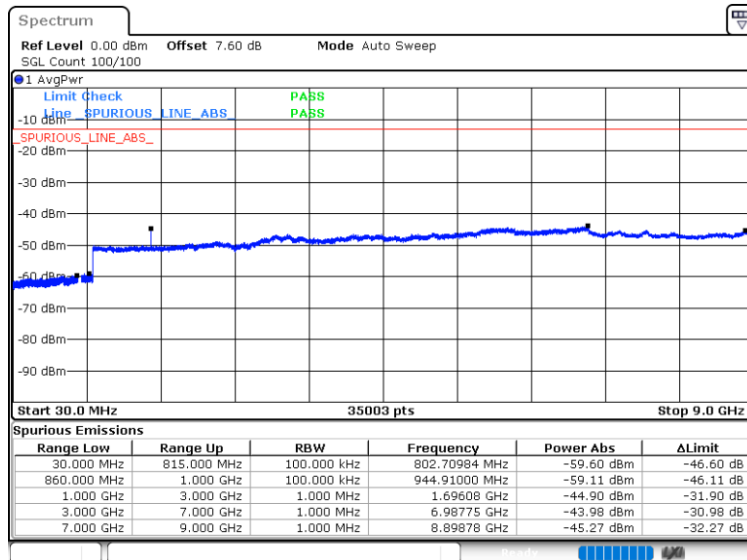
Date: 22.DEC.2025 04:40:53

Middle Channel / QPSK



Date: 22.DEC.2025 04:42:05

Highest Channel / QPSK



Date: 22.DEC.2025 04:43:18