



The following test report with report number FG5N0803-01B is an addendum to the RF spot check test report for FCC ID: A4RG4HCD variant model G4HCD. It contains test data from FCC ID: A4RGBC0H reference model GBC0H that is referenced in the variant model G4HCD RF spot check report.



FCC RADIO TEST REPORT

FCC ID : A4RGBC0H
Equipment : Phone
Model Name : GBC0H
Applicant : Google LLC
1600 Amphitheatre Parkway,
Mountain View, CA, 94043 USA
Standard : FCC 47 CFR Part 2, 27

The product was received on Nov. 14, 2025 and testing was performed from Nov. 18, 2025 to May 27, 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 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.

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.....	4
Summary of Test Result.....	5
1 General Description	7
1.1 Product Feature of Equipment Under Test.....	7
1.2 Modification of EUT	8
1.3 Testing Location	9
1.4 Applicable Standards.....	9
2 Test Configuration of Equipment Under Test	10
2.1 Test Mode.....	10
2.2 Connection Diagram of Test System.....	12
2.3 Support Unit used in test configuration and system	12
2.4 Measurement Results Explanation Example.....	12
2.5 Frequency List of Low/Middle/High Channels	13
3 Conducted Test Items.....	25
3.1 Measuring Instruments	25
3.2 Conducted Output Power and ERP/EIRP	26
3.3 Peak-to-Average Ratio	93
3.4 Occupied Bandwidth.....	94
3.5 Conducted Band Edge	95
3.6 Conducted Spurious Emission	98
3.7 Frequency Stability	99
4 Radiated Test Items	100
4.1 Measuring Instruments	100
4.2 Radiated Spurious Emission Measurement	102
5 List of Measuring Equipment.....	103
6 Measurement Uncertainty	106
Appendix A. Test Results of Conducted Test	
Appendix B. Test Results of Radiated Test	
Appendix C. Test Setup Photographs	



Appendix A Conducted Test Result Page No. Information							
LTE Band	Appendix	PAR	26dB BW	OBW	CBE	CSE	FS
4	A4	A4-1	A4-6	A4-9	A4-12	A4-16	A4-22
7	A7	A7-1	A7-5	A7-7	A7-9	A7-12	A7-16
12	A12	A12-1	A12-5	A12-7	A12-9	A12-12	A12-16
13	A13	A13-1	A13-4	A13-5	A13-6	A13-10	A13-12
17	A17	A17-1	A17-4	A17-5	A17-6	A17-8	A17-10
30	A30	A30-1	A30-4	A30-5	A30-6	A30-9	A30-11
38	A38	A38-1	A38-5	A38-7	A38-9	A38-13	A38-17
41	A41	A41-1	A41-5	A41-7	A41-9	A41-13	A41-17
66	A66	A66-1	A66-6	A66-9	A66-12	A66-16	A66-22
71	A71	A71-1	A71-5	A71-7	A71-9	A71-12	A71-16
CA_7C	A7C	N/A	A7C-1	A7C-6	A7C-11	A7C-18	N/A
CA_38C	A38C	N/A	A38C-1	A38C-2	A38C-3	A38C-5	N/A
CA_41C	A41C	N/A	A41C-1	A41C-6	A41C-11	A41C-21	N/A
CA_66B	A66B	N/A	A66B-1	A66B-4	A66B-7	A66B-13	N/A
CA_66C	A66C	N/A	A66C-1	A66C-6	A66C-11	A66C-21	N/A



History of this test report

Report No.	Version	Description	Issue Date
FG5N0803-01B	01	Initial issue of report	Apr. 17, 2026
FG5N0803-01B	02	Add PAPR Full Bandwidth test data.	May 27, 2026

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Pass	-
	§27.50 (b)(10) §27.50 (c)(10)	Effective Radiated Power (Band 12) (Band 13) (Band 17) (Band 71)	Pass	
	§27.50 (h)(2)	Equivalent Isotropic Radiated Power (Band 7) (Band 38) (Band 41)		
	§27.50 (d)(4)	Equivalent Isotropic Radiated Power (Band 4) (Band 66)		
	§27.50 (a)(3)	Effective Isotropic Radiated Power (Band 30)		
3.3	§27.50 (d)(5)	Peak-to-Average Ratio	Pass	-
3.4	§2.1049	Occupied Bandwidth	Pass	-
3.5	§2.1051 §27.53 (c)(2)(4) §27.53 (g) §27.53 (h)	Conducted Band Edge Measurement (Band 4) (Band 12) (Band 13) (Band 17) (Band 66) (Band 71)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Band Edge Measurement (Band 7) (Band 38) (Band 41)		
	§2.1051 §27.53 (a)(4)	Conducted Band Edge Measurement (Band 30)		



Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.6	§2.1051 §27.53 (c)(2) §27.53 (g) §27.53 (h)	Conducted Spurious Emission (Band 4) (Band 12) (Band 13) (Band 17) (Band 66) (Band 71)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (Band 7) (Band 38) (Band 41)		
	§2.1051 §27.53 (a)(4)	Conducted Spurious Emission (Band 30)		
3.7	§2.1055 §27.54	Frequency Stability Temperature & Voltage	Pass	-
4.2	§2.1053 §27.53 (c)(2) §27.53 (f) §27.53 (g) §27.53 (h)	Radiated Spurious Emission (Band 4) (Band 12) (Band 13) (Band 17) (Band 66) (Band 71)	Pass	-
	§2.1053 §27.53 (m)(4)	Radiated Spurious Emission (Band 7) (Band 38) (Band 41)		
	§2.1053 §27.53 (a)(4)	Radiated Spurious Emission (Band 30)		

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: William Chen**Report Producer: Freda Wu**



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature
General Specs GSM/WCDMA/LTE/5G NR/NTN , Bluetooth, BLE, BLE channel sounding, Thread, Wi-Fi 802.11be, NFC, WPC Rx, UWB and GNSS Rx.
Antenna Type WWAN: <Ant. 0>: IFA Antenna <Ant. 1>: IFA Antenna <Ant. 2>: IFA Antenna <Ant. 5>: IFA Antenna

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

EUT Information List	
S/N	Performed Test Item
5B171FDDV00005	Conducted Measurement ERP/EIRP
5B301FDDV0004V 61031FDDV000B2	Radiated Spurious Emission

Support band and evaluated information	
Supported band	B4, B7, B12, B13, B17, B30, B38, B41, B66, B71
Evaluated and Tested band	B4, B7, B12, B13, B17, B30, B38, B41, B66, B71
Band covered information	RSE frequency band range covers another band when the power is worse as follows: ■ B12 cover B17 (Part 27) ■ B41 cover B38 (Part 27) ■ B66 cover B4 (Part 27) ■ LTE CA B66B cover B66C (Part 27) ■ LTE CA B41C cover B38C (Part 27)

Antenna information						
Band	Ant0	Ant1	Ant2	Ant5	Main Ant. #	Sub Ant. #
B12	-3.4	-5.6			0	1
B13	-2.3	-5.8			0	1
B17	-3.5	-5.6			0	1
B71	-2.8	-5.3			0	1
B4	-0.7		-1.3		2	0
ENDC B4		-6.7		1.5	1	5
B7	0.2		0.2		2	0
B30	0.4		-0.5		2	0
B38	0.6		1.1		2	0
B41	0.6		1.1		2	0
B66	0.5		-1.3		2	0
ENDC B66		-4.9		1.5	1	5

Remark:

1. For Test Items, Main Ant. means Tx0 and Sub Ant. means Tx1.
2. After preliminary scan, the main antenna Ant 0 for Low band and main antenna Ant 2 for Mid/high band are selected as the worst mode to be reported for conducted test.

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.)	
Test Site No.	Sporton Site No.	
	TH03-HY	03CH07-HY
Test Engineer	Wei Shun Hung	Jesse Wang, Stan Hsieh and Ken Wu
Temperature (°C)	22.3~22.9	19.7~22.6
Relative Humidity (%)	53.2~55.5	46.6~66.3

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.)	
Test Site No.	Sporton Site No.	
	03CH21-HY (TAF Code: 3786)	
Test Engineer	Jack Cheng, Ray Lung	
Temperature (°C)	19.3~21.3	
Relative Humidity (%)	53.9~61.1	
Remark	The Radiated Spurious Emission test item for LTE Band 30 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, 27
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.

Remark:

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



2 Test Configuration of Equipment Under Test

2.1 Test Mode

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

For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape) and accessory (Adapter or Earphone), and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and find worst plane as below.

Plane	Main Antenna	Sub Antenna
B7	Y with adapter	Y with adapter
B7C	Y with adapter	Y with adapter
B12	Y with adapter	X with adapter
B13	Y with adapter	X with adapter
B30	X with adapter	X with adapter
B41	Y with adapter	Y with adapter
B41C	Y with adapter	Y with adapter
B66	Z with adapter	Z with adapter
B66B	Z with adapter	Z with adapter
B71	Y with adapter	X with adapter

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

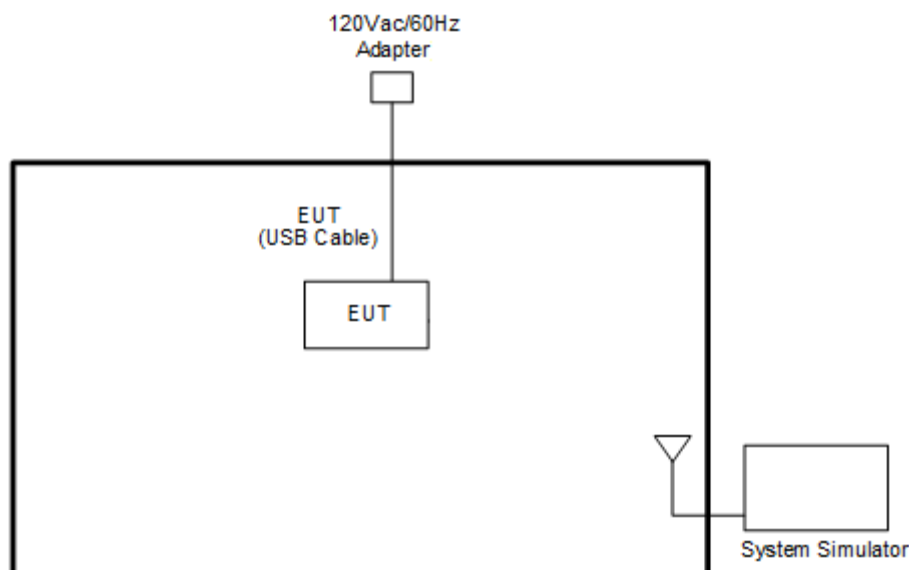
Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B, C, D	All	1, Half, Full	L, M, H
EIRP	A, B, C, D	All	1, Half, Full	L, M, H
PAR	A, B, C, D	All	Full	M
Bandwidth	A, B, C, D	All	Full	M
CBE, Mask (Part 90)	A, B, C, D	Minimum	1RB	L, M, H
		All	Full	
CSE	A	Minimum	1RB	L, M, H
Frequency Stability	A	10 MHz or less	Full	L, M
RSE	A	10 MHz or less	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. During the RSE preliminary test, the standalone mode and charging modes (Adapter mode and WPC Rx mode) were verified. It is determined that the adapter mode is the worst case for the official test.

2.2 Connection Diagram of Test System

<EUT with Adapter>



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m
2.	AC Adapter	N/A	GW8L7	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 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 7 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	20850	21100	21350
	Frequency	2510	2535	2560
15	Channel	20825	21100	21375
	Frequency	2507.5	2535	2562.5
10	Channel	20800	21100	21400
	Frequency	2505	2535	2565
5	Channel	20775	21100	21425
	Frequency	2502.5	2535	2567.5

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



LTE Band 13 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	23230	-
	Frequency	-	782	-
5	Channel	23205	23230	23255
	Frequency	779.5	782	784.5

LTE Band 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 30 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	27710	-
	Frequency	-	2310	-
5	Channel	27685	27710	27735
	Frequency	2307.5	2310	2312.5

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

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



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

LTE Band 71 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	133222	133297	133372
	Frequency	673.0	680.5	688.0
15	Channel	133197	133297	133397
	Frequency	670.5	680.5	690.5
10	Channel	133172	133272	133422
	Frequency	668.0	678	693.0
5	Channel	133147	133297	133447
	Frequency	665.5	680.5	695.5



LTE Band 7C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	20850	21001	21152
		Frequency	2510.0	2525.1	2540.2
	SCC	Channel	21048	21199	21350
		Frequency	2529.8	2544.9	2560.0
20 + 15	PCC	Channel	20850	21026	21201
		Frequency	2510.0	2527.6	2545.1
	SCC	Channel	21021	21197	21372
		Frequency	2527.1	2544.7	2562.2
15 + 20	PCC	Channel	20828	21003	21179
		Frequency	2507.8	2525.3	2542.9
	SCC	Channel	20999	21174	21350
		Frequency	2524.9	2542.4	2560.0
20 + 10	PCC	Channel	20850	21051	21251
		Frequency	2510.0	2530.1	2550.1
	SCC	Channel	20994	21195	21395
		Frequency	2524.4	2544.5	2564.5
10 + 20	PCC	Channel	20805	21006	21206
		Frequency	2505.5	2525.6	2545.6
	SCC	Channel	20949	21150	21350
		Frequency	2519.9	2540.0	2560.0
15 + 15	PCC	Channel	20825	21025	21225
		Frequency	2507.5	2527.5	2547.5
	SCC	Channel	20975	21175	21375
		Frequency	2522.5	2542.5	2562.5
15 + 10	PCC	Channel	20825	21051	21277
		Frequency	2507.5	2530.1	2552.7
	SCC	Channel	20945	21171	21397
		Frequency	2519.5	2542.1	2564.7



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



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



LTE Band 66B Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
5 + 5	PCC	Channel	131997	132398	132599
		Frequency	1712.5	1752.6	1772.7
	SCC	Channel	132045	133346	132647
		Frequency	1717.3	1757.4	1777.5
5 + 10	PCC	Channel	132000	132375	132550
		Frequency	1712.8	1750.3	1767.8
	SCC	Channel	132072	133347	132622
		Frequency	1720.0	1757.5	1775.0
10 + 5	PCC	Channel	132022	132397	132572
		Frequency	1715.0	1752.5	1770.0
	SCC	Channel	132094	133369	132644
		Frequency	1722.2	1759.7	1777.2
5 + 15	PCC	Channel	132002	132353	132504
		Frequency	1713.0	1748.1	1763.2
	SCC	Channel	132095	133346	132597
		Frequency	1722.3	1757.4	1772.5
15 + 5	PCC	Channel	132047	132398	132549
		Frequency	1717.5	1752.6	1767.7
	SCC	Channel	132140	133391	132642
		Frequency	1726.8	1761.9	1777.0
10 + 10	PCC	Channel	132022	132373	135523
		Frequency	1715.0	1750.1	1765.1
	SCC	Channel	132121	133372	132622
		Frequency	1724.9	1760.0	1775.0



LTE Band 66C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
10 + 15	PCC	Channel	132025	132351	132477
		Frequency	1715.3	1747.9	1760.5
	SCC	Channel	132145	133371	132597
		Frequency	1727.3	1759.9	1772.5
15 + 10	PCC	Channel	132047	132373	132499
		Frequency	1717.5	1750.1	1762.7
	SCC	Channel	132167	132493	132619
		Frequency	1729.5	1762.1	1774.7
10 + 20	PCC	Channel	132027	132328	132428
		Frequency	1715.5	1745.6	1755.6
	SCC	Channel	131171	133372	132572
		Frequency	1729.9	1760.0	1770.0
20 + 10	PCC	Channel	132072	132373	132473
		Frequency	1720.0	1750.1	1760.1
	SCC	Channel	132216	133417	132617
		Frequency	1734.4	1764.5	1774.5
15 + 15	PCC	Channel	132047	132347	132447
		Frequency	1717.5	1747.5	1757.5
	SCC	Channel	132197	133397	132597
		Frequency	1732.5	1762.5	1772.5
15 + 20	PCC	Channel	132050	132325	132401
		Frequency	1717.8	1745.3	1752.9
	SCC	Channel	132221	133396	132572
		Frequency	1734.9	1762.4	1770.0
20 + 15	PCC	Channel	132072	132348	132423
		Frequency	1720.0	1747.6	1755.1
	SCC	Channel	132243	133419	132594
		Frequency	1737.1	1764.7	1772.2
20 + 5	PCC	Channel	132072	132397	132522
		Frequency	1720.0	1752.5	1765.0
	SCC	Channel	132189	133414	132639
		Frequency	1731.7	1764.2	1776.7



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

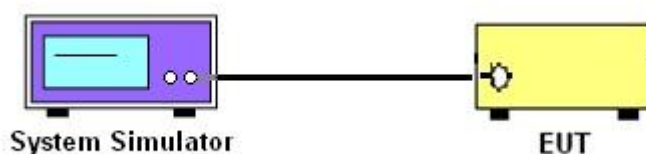
3 Conducted Test Items

3.1 Measuring Instruments

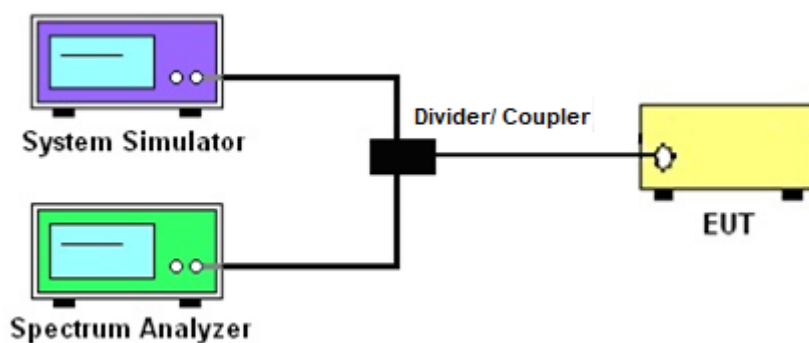
See list of measuring instruments of this test report.

3.1.1 Test Setup

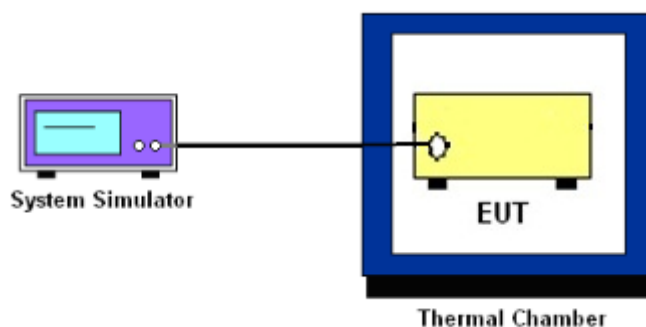
3.1.2 Conducted Output Power



3.1.3 Peak-to-Average Ratio, Occupied Bandwidth ,Conducted Band-Edge 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 3 Watts for LTE Band 12, Band 13, Band 17, Band 71

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

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

The EIRP of mobile transmitters must not exceed 250mW/5MHz for LTE Band 30

According to KDB 412172 D01 Power Approach,

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

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

3.2.2 Test Procedures

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



3.2.3 Test Result of Conducted Output Power and ERP/EIRP Measurement

<LTE B4 TX0 ANT2>

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.04	24.09	24.04	22.82	0.1914
20	1	49		24.09	24.08	24.00		
20	1	99		24.12	24.12	24.00		
20	50	0		23.05	23.07	22.97		
20	50	24		23.04	23.03	22.98		
20	50	50		23.11	23.08	23.05		
20	100	0		23.07	23.03	23.03		
20	1	0	16-QAM	23.31	23.36	23.20	22.10	0.1622
20	1	49		23.38	23.23	23.26		
20	1	99		23.40	23.32	23.33		
20	1	0	64-QAM	22.33	22.34	22.23	21.05	0.1274
20	1	49		22.32	22.18	22.18		
20	1	99		22.35	22.33	22.25		
20	1	0	256-QAM	19.24	19.25	19.15	18.02	0.0634
20	1	49		19.29	19.25	19.13		
20	1	99		19.32	19.18	19.21		
15	1	0	QPSK	24.14	24.04	24.11	22.92	0.1959
15	1	37		24.13	24.18	24.13		
15	1	74		24.19	24.22	24.17		
15	36	0		23.17	23.08	23.03		
15	36	20		23.11	23.05	23.00		
15	36	39		23.15	23.12	23.04		
15	75	0		23.15	23.10	23.02		
15	1	0	16-QAM	23.61	23.37	23.50	22.31	0.1702
15	1	37		23.53	23.37	23.34		
15	1	74		23.48	23.45	23.44		
15	1	0	64-QAM	22.42	22.29	22.29	21.12	0.1294
15	1	37		22.33	22.26	22.18		
15	1	74		22.40	22.37	22.33		
15	1	0	256-QAM	19.37	19.23	19.27	18.08	0.0643
15	1	37		19.27	19.21	19.17		
15	1	74		19.33	19.38	19.27		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.32	24.20	24.23	23.02	0.2004
10	1	25		24.22	24.15	24.09		
10	1	49		24.23	24.22	24.23		
10	25	0		23.30	23.21	23.11		
10	25	12		23.25	23.24	23.07		
10	25	25		23.27	23.22	23.15		
10	50	0		23.23	23.18	23.06		
10	1	0	16-QAM	23.63	23.50	23.52	22.33	0.1710
10	1	25		23.57	23.35	23.35		
10	1	49		23.63	23.47	23.47		
10	1	0	64-QAM	22.52	22.35	22.29	21.23	0.1327
10	1	25		22.37	22.34	22.17		
10	1	49		22.53	22.41	22.40		
10	1	0	256-QAM	19.48	19.31	19.34	18.23	0.0665
10	1	25		19.38	19.21	19.20		
10	1	49		19.53	19.43	19.37		
5	1	0	QPSK	24.32	24.20	24.11	23.03	0.2009
5	1	12		24.18	24.16	24.14		
5	1	24		24.28	24.33	24.17		
5	12	0		23.27	23.15	23.05		
5	12	7		23.16	23.03	23.01		
5	12	13		23.21	23.14	23.12		
5	25	0		23.26	23.17	23.17		
5	1	0	16-QAM	23.54	23.44	23.44	22.31	0.1702
5	1	12		23.48	23.36	23.27		
5	1	24		23.61	23.42	23.43		
5	1	0	64-QAM	22.52	22.38	22.30	21.22	0.1324
5	1	12		22.47	22.34	22.28		
5	1	24		22.51	22.37	22.31		
5	1	0	256-QAM	19.44	19.31	19.25	18.14	0.0652
5	1	12		19.40	19.32	19.20		
5	1	24		19.44	19.30	19.27		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.30	24.16	24.10	23.00	0.1995
3	1	8		24.12	24.11	24.02		
3	1	14		24.22	24.24	24.13		
3	8	0		23.29	23.18	23.09		
3	8	4		23.24	23.12	23.08		
3	8	7		23.28	23.17	23.11		
3	15	0		23.28	23.16	23.06		
3	1	0	16-QAM	23.58	23.50	23.41	22.28	0.1690
3	1	8		23.52	23.41	23.33		
3	1	14		23.54	23.48	23.38		
3	1	0	64-QAM	22.46	22.28	22.21	21.16	0.1306
3	1	8		22.38	22.32	22.18		
3	1	14		22.42	22.22	22.24		
3	1	0	256-QAM	19.50	19.34	19.17	18.20	0.0661
3	1	8		19.40	19.25	19.15		
3	1	14		19.41	19.26	19.26		
1.4	1	0	QPSK	24.30	24.19	24.07	23.00	0.1995
1.4	1	3		24.23	24.17	24.06		
1.4	1	5		24.22	24.15	24.09		
1.4	3	0		24.23	24.07	24.02		
1.4	3	1		24.15	23.98	24.00		
1.4	3	3		24.18	24.13	24.00		
1.4	6	0		23.26	23.16	23.07		
1.4	1	0	16-QAM	23.57	23.39	23.33	22.27	0.1687
1.4	1	3		23.48	23.24	23.30		
1.4	1	5		23.53	23.39	23.31		
1.4	1	0	64-QAM	22.52	22.37	22.31	21.26	0.1337
1.4	1	3		22.47	22.30	22.30		
1.4	1	5		22.56	22.37	22.29		
1.4	1	0	256-QAM	19.39	19.34	19.19	18.09	0.0644
1.4	1	3		19.38	19.26	19.21		
1.4	1	5		19.37	19.28	19.20		
Limit	EIRP < 1W			Result			Pass	



<LTE B4 TX1 ANT0>

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	23.80	23.86	23.81	23.16	0.2070
20	1	49		23.79	23.75	23.74		
20	1	99		23.79	23.78	23.80		
20	50	0		22.80	22.81	22.80		
20	50	24		22.76	22.74	22.72		
20	50	50		22.79	22.80	22.79		
20	100	0		22.78	22.80	22.78		
20	1	0	16-QAM	22.95	22.95	23.08	22.41	0.1742
20	1	49		23.11	23.01	23.08		
20	1	99		23.07	23.03	23.08		
20	1	0	64-QAM	21.99	21.98	21.93	21.38	0.1374
20	1	49		21.99	21.93	21.98		
20	1	99		22.08	22.04	22.02		
20	1	0	256-QAM	18.97	18.93	18.89	18.32	0.0679
20	1	49		18.99	18.96	18.86		
20	1	99		19.02	18.99	18.88		
15	1	0	QPSK	23.69	23.81	23.69	23.11	0.2046
15	1	37		23.69	23.70	23.60		
15	1	74		23.68	23.69	23.67		
15	36	0		22.74	22.79	22.66		
15	36	20		22.66	22.64	22.62		
15	36	39		22.77	22.76	22.74		
15	75	0		22.65	22.74	22.65		
15	1	0	16-QAM	22.82	22.80	23.04	22.36	0.1722
15	1	37		23.06	22.87	22.96		
15	1	74		22.97	22.98	22.99		
15	1	0	64-QAM	21.92	21.86	21.82	21.29	0.1346
15	1	37		21.89	21.83	21.96		
15	1	74		21.97	21.91	21.99		
15	1	0	256-QAM	18.84	18.82	18.80	18.23	0.0665
15	1	37		18.84	18.93	18.84		
15	1	74		18.87	18.85	18.77		
Limit	EIRP < 1W			Result				



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.70	23.75	23.70	23.06	0.2023
10	1	25		23.73	23.72	23.72		
10	1	49		23.76	23.72	23.70		
10	25	0		22.66	22.76	22.77		
10	25	12		22.67	22.73	22.70		
10	25	25		22.70	22.68	22.72		
10	50	0		22.69	22.70	22.67		
10	1	0	16-QAM	22.91	22.85	22.99	22.31	0.1702
10	1	25		23.01	22.96	22.99		
10	1	49		22.99	22.99	22.97		
10	1	0	64-QAM	21.91	21.88	21.82	21.36	0.1368
10	1	25		21.92	21.84	21.93		
10	1	49		22.06	21.99	21.98		
10	1	0	256-QAM	18.89	18.88	18.79	18.24	0.0667
10	1	25		18.89	18.85	18.74		
10	1	49		18.94	18.84	18.87		
5	1	0	QPSK	23.66	23.75	23.73	23.05	0.2018
5	1	12		23.67	23.68	23.59		
5	1	24		23.65	23.72	23.68		
5	12	0		22.70	22.67	22.70		
5	12	7		22.67	22.69	22.59		
5	12	13		22.66	22.79	22.72		
5	25	0		22.69	22.75	22.77		
5	1	0	16-QAM	22.85	22.83	22.94	22.35	0.1718
5	1	12		23.05	22.94	22.94		
5	1	24		22.99	22.95	22.96		
5	1	0	64-QAM	21.92	21.95	21.89	21.30	0.1349
5	1	12		21.90	21.87	21.87		
5	1	24		22.00	21.96	21.97		
5	1	0	256-QAM	18.95	18.86	18.87	18.29	0.0675
5	1	12		18.86	18.92	18.79		
5	1	24		18.99	18.93	18.74		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.66	23.77	23.73	23.07	0.2028
3	1	8		23.65	23.60	23.66		
3	1	14		23.67	23.70	23.71		
3	8	0		22.74	22.72	22.79		
3	8	4		22.65	22.66	22.66		
3	8	7		22.69	22.76	22.70		
3	15	0		22.67	22.71	22.67		
3	1	0	16-QAM	22.89	22.83	23.00	22.37	0.1726
3	1	8		23.07	22.99	22.93		
3	1	14		23.02	22.90	22.97		
3	1	0	64-QAM	21.95	21.91	21.82	21.36	0.1368
3	1	8		21.97	21.86	21.84		
3	1	14		22.06	22.01	21.92		
3	1	0	256-QAM	18.88	18.79	18.78	18.30	0.0676
3	1	8		18.94	18.87	18.79		
3	1	14		19.00	18.90	18.80		
1.4	1	0	QPSK	23.78	23.79	23.73	23.09	0.2037
1.4	1	3		23.73	23.66	23.63		
1.4	1	5		23.77	23.73	23.72		
1.4	3	0		23.73	23.68	23.71		
1.4	3	1		23.74	23.71	23.59		
1.4	3	3		23.69	23.68	23.69		
1.4	6	0		22.66	22.66	22.64		
1.4	1	0	16-QAM	22.92	22.84	22.94	22.33	0.1710
1.4	1	3		22.97	22.91	22.98		
1.4	1	5		22.97	22.91	23.03		
1.4	1	0	64-QAM	21.92	21.95	21.86	21.33	0.1358
1.4	1	3		21.98	21.79	21.97		
1.4	1	5		22.03	21.90	21.91		
1.4	1	0	256-QAM	18.85	18.87	18.86	18.23	0.0665
1.4	1	3		18.92	18.92	18.77		
1.4	1	5		18.93	18.90	18.83		
Limit	EIRP < 1W			Result			Pass	



<LTE B7 TX0 ANT2>

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 0.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.12	24.15	24.10	24.35	0.2723
20	1	49		24.09	24.09	24.06		
20	1	99		24.08	24.09	24.04		
20	50	0		23.09	23.10	23.07		
20	50	24		23.05	23.08	23.06		
20	50	50		23.04	23.02	23.02		
20	100	0		23.01	23.08	23.06		
20	1	0	16-QAM	23.30	23.37	23.32	23.76	0.2377
20	1	49		23.37	23.33	23.34		
20	1	99		23.46	23.38	23.56		
20	1	0	64-QAM	22.23	22.30	22.21	22.67	0.1849
20	1	49		22.30	22.32	22.27		
20	1	99		22.38	22.30	22.47		
20	1	0	256-QAM	19.21	19.34	19.38	19.58	0.0908
20	1	49		19.11	19.30	19.24		
20	1	99		19.24	19.33	19.25		
15	1	0	QPSK	24.09	24.12	24.14	24.39	0.2748
15	1	37		24.01	24.15	24.08		
15	1	74		24.11	24.19	24.07		
15	36	0		23.01	23.16	23.10		
15	36	20		22.97	23.10	23.03		
15	36	39		23.01	23.13	23.06		
15	75	0		23.02	23.14	23.05		
15	1	0	16-QAM	23.39	23.52	23.49	23.82	0.2410
15	1	37		23.27	23.51	23.50		
15	1	74		23.36	23.62	23.44		
15	1	0	64-QAM	22.22	22.41	22.29	22.61	0.1824
15	1	37		22.11	22.29	22.31		
15	1	74		22.31	22.31	22.28		
15	1	0	256-QAM	19.23	19.37	19.31	19.57	0.0906
15	1	37		19.17	19.27	19.23		
15	1	74		19.22	19.30	19.23		
Limit	EIRP < 2W			Result				



LTE Band 7 Maximum Average Power [dBm] (GT - LC = 0.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.08	24.12	24.14	24.39	0.2748
10	1	25		24.06	24.18	24.13		
10	1	49		24.05	24.19	24.06		
10	25	0		23.06	23.19	23.14		
10	25	12		23.02	23.16	23.13		
10	25	25		23.06	23.16	23.07		
10	50	0		22.98	23.17	23.07		
10	1	0	16-QAM	23.34	23.50	23.49	23.80	0.2399
10	1	25		23.31	23.40	23.33		
10	1	49		23.31	23.60	23.38		
10	1	0	64-QAM	22.18	22.37	22.24	22.57	0.1807
10	1	25		22.15	22.35	22.26		
10	1	49		22.22	22.37	22.18		
10	1	0	256-QAM	19.19	19.41	19.25	19.61	0.0914
10	1	25		19.15	19.29	19.17		
10	1	49		19.23	19.25	19.19		
5	1	0	QPSK	24.02	24.16	24.13	24.36	0.2729
5	1	12		23.96	24.12	24.03		
5	1	24		24.02	24.16	24.03		
5	12	0		23.00	23.12	23.10		
5	12	7		22.91	23.05	22.98		
5	12	13		22.96	23.09	23.02		
5	25	0		23.02	23.14	23.09		
5	1	0	16-QAM	23.30	23.60	23.40	23.80	0.2399
5	1	12		23.24	23.36	23.29		
5	1	24		23.39	23.57	23.46		
5	1	0	64-QAM	22.19	22.32	22.34	22.55	0.1799
5	1	12		22.21	22.28	22.28		
5	1	24		22.23	22.35	22.27		
5	1	0	256-QAM	19.16	19.28	19.18	19.48	0.0887
5	1	12		19.09	19.23	19.13		
5	1	24		19.13	19.25	19.19		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 0.2 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	22.37	22.47	22.57	24.86	0.3062
20+20	1	0	1	99		24.40	24.19	24.26		
20+20	1	99	1	0		15.94	15.90	15.85		
20+20	1	0	0	0		24.33	24.50	24.66		
20+20	100	0	100	0	16-QAM	21.37	21.47	21.58	23.96	0.2489
20+20	1	0	1	99		23.46	23.29	23.30		
20+20	1	99	1	0		15.99	15.97	15.89		
20+20	1	0	0	0		23.41	23.51	23.76		
20+20	100	0	100	0	64-QAM	21.36	21.49	21.58	21.90	0.1549
20+20	1	0	1	99		15.93	15.99	15.93		
20+20	1	99	1	0		21.31	21.59	21.70		
20+20	100	0	100	0	256-QAM	19.32	19.43	19.54	19.76	0.0946
20+20	1	0	1	99		15.87	15.85	15.79		
20+20	1	99	1	0		19.30	19.39	19.56		
20+15	100	0	75	0	QPSK	22.40	22.47	22.60	24.85	0.3055
20+15	1	0	1	74		24.45	24.20	24.33		
20+15	1	99	1	0		15.86	15.93	15.91		
20+15	1	0	0	0		24.31	24.54	24.65		
20+15	100	0	75	0	16-QAM	21.37	21.48	21.61	23.89	0.2449
20+15	1	0	1	74		23.52	23.17	23.29		
20+15	1	99	1	0		15.88	15.94	15.90		
20+15	1	0	0	0		23.43	23.63	23.69		
20+15	100	0	75	0	64-QAM	21.36	21.47	21.62	21.85	0.1531
20+15	1	0	1	74		15.85	15.96	15.89		
20+15	1	99	1	0		21.37	21.56	21.65		
20+15	100	0	75	0	256-QAM	19.32	19.42	19.54	19.77	0.0948
20+15	1	0	1	74		15.77	15.91	15.86		
20+15	1	99	1	0		19.30	19.44	19.57		
15+20	75	0	100	0	QPSK	22.40	22.46	22.58	24.91	0.3097
15+20	1	0	1	99		24.38	24.12	24.28		
15+20	1	74	1	0		15.85	15.89	15.87		
15+20	1	0	0	0		24.36	24.46	24.71		
15+20	75	0	100	0	16-QAM	21.39	21.43	21.58	23.89	0.2449
15+20	1	0	1	99		23.42	23.22	23.43		
15+20	1	74	1	0		15.93	15.88	15.92		
15+20	1	0	0	0		23.44	23.55	23.69		
15+20	75	0	100	0	64-QAM	21.40	21.43	21.59	21.91	0.1552
15+20	1	0	1	99		15.89	15.92	15.90		
15+20	1	74	1	0		21.42	21.47	21.71		
15+20	75	0	100	0	256-QAM	19.36	19.38	19.57	19.78	0.0951
15+20	1	0	1	99		15.84	15.86	15.88		
15+20	1	74	1	0		19.32	19.34	19.58		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 0.2 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	22.39	22.48	22.62	24.84	0.3048
20+10	1	0	1	49		24.46	24.19	24.35		
20+10	1	99	1	0		15.83	15.86	15.95		
20+10	1	0	0	0		24.27	24.56	24.64		
20+10	100	0	50	0	16-QAM	21.40	21.49	21.61	23.95	0.2483
20+10	1	0	1	49		23.47	23.28	23.45		
20+10	1	99	1	0		15.89	15.92	16.02		
20+10	1	0	0	0		23.37	23.60	23.75		
20+10	100	0	50	0	64-QAM	21.39	21.49	21.61	21.86	0.1535
20+10	1	0	1	49		15.81	15.92	15.97		
20+10	1	99	1	0		21.34	21.54	21.66		
20+10	100	0	50	0	256-QAM	19.31	19.42	19.58	19.78	0.0951
20+10	1	0	1	49		15.77	15.85	15.93		
20+10	1	99	1	0		19.30	19.50	19.51		
10+20	50	0	100	0	QPSK	22.47	22.46	22.65	24.90	0.3090
10+20	1	0	1	99		24.43	24.15	24.34		
10+20	1	49	1	0		15.88	15.88	15.94		
10+20	1	0	0	0		24.46	24.43	24.70		
10+20	50	0	100	0	16-QAM	21.44	21.42	21.64	23.92	0.2466
10+20	1	0	1	99		23.43	23.18	23.41		
10+20	1	49	1	0		15.86	15.95	16.01		
10+20	1	0	0	0		23.51	23.48	23.72		
10+20	50	0	100	0	64-QAM	21.45	21.42	21.65	21.88	0.1542
10+20	1	0	1	99		15.83	15.91	16.02		
10+20	1	49	1	0		21.46	21.50	21.68		
10+20	50	0	100	0	256-QAM	19.37	19.35	19.58	19.80	0.0955
10+20	1	0	1	99		15.83	15.85	15.90		
10+20	1	49	1	0		19.36	19.31	19.60		
15+15	75	0	75	0	QPSK	22.44	22.48	22.64	24.86	0.3062
15+15	1	0	1	74		24.39	24.16	24.34		
15+15	1	74	1	0		15.92	15.90	16.00		
15+15	1	0	0	0		24.37	24.50	24.66		
15+15	75	0	75	0	16-QAM	21.41	21.44	21.61	23.90	0.2455
15+15	1	0	1	74		23.49	23.21	23.42		
15+15	1	74	1	0		15.95	15.93	15.96		
15+15	1	0	0	0		23.50	23.54	23.70		
15+15	75	0	75	0	64-QAM	21.41	21.46	21.61	21.87	0.1538
15+15	1	0	1	74		15.90	15.91	15.98		
15+15	1	74	1	0		21.43	21.55	21.67		
15+15	75	0	75	0	256-QAM	19.36	19.39	19.58	19.84	0.0964
15+15	1	0	1	74		15.84	15.85	15.95		
15+15	1	74	1	0		19.33	19.39	19.64		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 0.2 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	50	0	QPSK	22.44	22.50	22.67	24.83	0.3041
15+10	1	0	1	49		24.38	24.11	24.37		
15+10	1	74	1	0		15.82	15.88	16.00		
15+10	1	0	0	0		24.36	24.49	24.63		
15+10	75	0	50	0	16-QAM	21.42	21.49	21.67	23.93	0.2472
15+10	1	0	1	49		23.35	23.15	23.40		
15+10	1	74	1	0		15.98	15.98	16.05		
15+10	1	0	0	0		23.46	23.57	23.73		
15+10	75	0	50	0	64-QAM	21.43	21.51	21.67	21.90	0.1549
15+10	1	0	1	49		15.91	16.01	16.00		
15+10	1	74	1	0		21.36	21.55	21.70		
15+10	75	0	50	0	256-QAM	19.44	19.47	19.62	19.82	0.0959
15+10	1	0	1	49		15.85	15.87	15.97		
15+10	1	74	1	0		19.32	19.49	19.60		
Limit	EIRP < 2W					Result			Pass	



<LTE B7 TX1 ANT0>

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 0.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.90	24.06	24.05	24.26	0.2667
20	1	49		23.78	23.96	23.96		
20	1	99		23.83	24.01	23.99		
20	50	0		22.92	23.05	23.03		
20	50	24		22.82	22.92	22.99		
20	50	50		22.91	23.04	23.02		
20	100	0		22.85	23.02	23.01		
20	1	0	16-QAM	23.14	23.24	23.33	23.54	0.2259
20	1	49		23.11	23.28	23.24		
20	1	99		23.12	23.34	23.33		
20	1	0	64-QAM	22.07	22.19	22.31	22.51	0.1782
20	1	49		22.06	22.14	22.18		
20	1	99		22.07	22.21	22.23		
20	1	0	256-QAM	19.12	19.13	19.26	19.46	0.0883
20	1	49		18.98	19.19	19.15		
20	1	99		19.07	19.19	19.16		
15	1	0	QPSK	23.89	24.01	24.03	24.23	0.2649
15	1	37		23.66	23.94	23.93		
15	1	74		23.80	23.97	23.84		
15	36	0		22.80	22.91	22.97		
15	36	20		22.70	22.87	22.93		
15	36	39		22.79	22.95	22.97		
15	75	0		22.71	22.93	22.99		
15	1	0	16-QAM	23.05	23.22	23.27	23.51	0.2244
15	1	37		23.07	23.26	23.15		
15	1	74		23.04	23.31	23.18		
15	1	0	64-QAM	22.06	22.14	22.22	22.42	0.1746
15	1	37		22.01	22.03	22.04		
15	1	74		21.97	22.17	22.12		
15	1	0	256-QAM	19.08	19.09	19.15	19.37	0.0865
15	1	37		18.89	19.17	19.04		
15	1	74		18.96	19.06	19.10		
Limit	EIRP < 2W			Result				



LTE Band 7 Maximum Average Power [dBm] (GT - LC = 0.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.82	23.98	24.03	24.23	0.2649
10	1	25		23.66	23.91	23.84		
10	1	49		23.68	23.87	23.88		
10	25	0		22.77	23.03	22.95		
10	25	12		22.73	22.89	22.85		
10	25	25		22.89	23.02	22.95		
10	50	0		22.83	22.87	22.91		
10	1	0	16-QAM	23.10	23.20	23.29	23.49	0.2234
10	1	25		23.00	23.16	23.19		
10	1	49		23.00	23.28	23.20		
10	1	0	64-QAM	22.04	22.11	22.17	22.41	0.1742
10	1	25		21.97	22.09	22.03		
10	1	49		22.06	22.07	22.21		
10	1	0	256-QAM	19.09	19.04	19.18	19.38	0.0867
10	1	25		18.95	19.13	19.05		
10	1	49		19.03	19.14	19.06		
5	1	0	QPSK	23.80	24.05	23.99	24.25	0.2661
5	1	12		23.70	23.91	23.88		
5	1	24		23.75	23.97	23.90		
5	12	0		22.89	23.02	23.01		
5	12	7		22.72	22.81	22.90		
5	12	13		22.88	22.96	22.88		
5	25	0		22.73	22.98	22.86		
5	1	0	16-QAM	23.02	23.18	23.25	23.47	0.2223
5	1	12		23.08	23.27	23.20		
5	1	24		23.08	23.26	23.27		
5	1	0	64-QAM	21.95	22.09	22.25	22.45	0.1758
5	1	12		22.05	22.04	22.07		
5	1	24		22.06	22.18	22.09		
5	1	0	256-QAM	18.98	19.06	19.15	19.35	0.0861
5	1	12		18.88	19.13	19.08		
5	1	24		18.99	19.13	19.09		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 0.2 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	22.19	22.27	22.35	24.64	0.2911
20+20	1	0	1	99		24.11	23.90	24.00		
20+20	1	99	1	0		15.70	15.71	15.63		
20+20	1	0	0	0		24.16	24.31	24.44		
20+20	100	0	100	0	16-QAM	21.19	21.27	21.34	23.69	0.2339
20+20	1	0	1	99		23.13	22.98	23.07		
20+20	1	99	1	0		15.77	15.78	15.72		
20+20	1	0	0	0		23.25	23.33	23.49		
20+20	100	0	100	0	64-QAM	21.18	21.26	21.34	21.68	0.1472
20+20	1	0	1	99		15.74	15.71	15.69		
20+20	1	99	1	0		21.20	21.34	21.48		
20+20	100	0	100	0	256-QAM	19.14	19.22	19.30	19.50	0.0891
20+20	1	0	1	99		15.64	15.64	15.61		
20+20	1	99	1	0		19.13	19.12	19.27		
20+15	100	0	75	0	QPSK	22.21	22.24	22.34	24.59	0.2877
20+15	1	0	1	74		24.15	23.95	24.05		
20+15	1	99	1	0		15.66	15.71	15.66		
20+15	1	0	0	0		24.17	24.30	24.39		
20+15	100	0	75	0	16-QAM	21.18	21.24	21.35	23.68	0.2333
20+15	1	0	1	74		23.11	22.95	23.04		
20+15	1	99	1	0		15.72	15.71	15.68		
20+15	1	0	0	0		23.22	23.35	23.48		
20+15	100	0	75	0	64-QAM	21.16	21.26	21.32	21.62	0.1452
20+15	1	0	1	74		15.60	15.75	15.71		
20+15	1	99	1	0		21.22	21.34	21.42		
20+15	100	0	75	0	256-QAM	19.12	19.20	19.31	19.60	0.0912
20+15	1	0	1	74		15.59	15.68	15.63		
20+15	1	99	1	0		19.12	19.18	19.40		
15+20	75	0	100	0	QPSK	22.19	22.17	22.34	24.60	0.2884
15+20	1	0	1	99		24.11	23.92	24.03		
15+20	1	74	1	0		15.63	15.64	15.65		
15+20	1	0	0	0		24.15	24.25	24.40		
15+20	75	0	100	0	16-QAM	21.18	21.19	21.32	23.64	0.2312
15+20	1	0	1	99		23.15	22.94	23.12		
15+20	1	74	1	0		15.73	15.70	15.67		
15+20	1	0	0	0		23.26	23.28	23.44		
15+20	75	0	100	0	64-QAM	21.18	21.17	21.32	21.63	0.1455
15+20	1	0	1	99		15.64	15.73	15.70		
15+20	1	74	1	0		21.17	21.25	21.43		
15+20	75	0	100	0	256-QAM	19.14	19.13	19.28	19.48	0.0887
15+20	1	0	1	99		15.58	15.63	15.61		
15+20	1	74	1	0		19.09	19.14	19.27		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 0.2 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	22.19	22.24	22.38	24.59	0.2877
20+10	1	0	1	49		24.16	23.97	24.11		
20+10	1	99	1	0		15.59	15.62	15.73		
20+10	1	0	0	0		24.08	24.27	24.39		
20+10	100	0	50	0	16-QAM	21.15	21.24	21.37	23.67	0.2328
20+10	1	0	1	49		23.23	22.95	23.17		
20+10	1	99	1	0		15.67	15.74	15.78		
20+10	1	0	0	0		23.19	23.34	23.47		
20+10	100	0	50	0	64-QAM	21.19	21.24	21.39	21.68	0.1472
20+10	1	0	1	49		15.61	15.68	15.78		
20+10	1	99	1	0		21.12	21.28	21.48		
20+10	100	0	50	0	256-QAM	19.11	19.18	19.33	19.53	0.0897
20+10	1	0	1	49		15.57	15.60	15.67		
20+10	1	99	1	0		19.13	19.20	19.29		
10+20	50	0	100	0	QPSK	22.21	22.21	22.36	24.56	0.2858
10+20	1	0	1	99		24.11	23.89	24.07		
10+20	1	49	1	0		15.60	15.60	15.72		
10+20	1	0	0	0		24.22	24.19	24.36		
10+20	50	0	100	0	16-QAM	21.21	21.21	21.35	23.64	0.2312
10+20	1	0	1	99		23.20	22.99	23.15		
10+20	1	49	1	0		15.69	15.66	15.70		
10+20	1	0	0	0		23.28	23.30	23.44		
10+20	50	0	100	0	64-QAM	21.22	21.20	21.36	21.62	0.1452
10+20	1	0	1	99		15.67	15.63	15.76		
10+20	1	49	1	0		21.26	21.23	21.42		
10+20	50	0	100	0	256-QAM	19.16	19.16	19.31	19.51	0.0893
10+20	1	0	1	99		15.60	15.61	15.69		
10+20	1	49	1	0		19.10	19.10	19.24		
15+15	75	0	75	0	QPSK	22.23	22.22	22.36	24.60	0.2884
15+15	1	0	1	74		24.15	23.90	24.12		
15+15	1	74	1	0		15.66	15.70	15.76		
15+15	1	0	0	0		24.19	24.27	24.40		
15+15	75	0	75	0	16-QAM	21.22	21.20	21.36	23.66	0.2323
15+15	1	0	1	74		23.22	23.01	23.14		
15+15	1	74	1	0		15.67	15.69	15.76		
15+15	1	0	0	0		23.23	23.27	23.46		
15+15	75	0	75	0	64-QAM	21.22	21.23	21.37	21.61	0.1449
15+15	1	0	1	74		15.67	15.66	15.75		
15+15	1	74	1	0		21.20	21.31	21.41		
15+15	75	0	75	0	256-QAM	19.14	19.14	19.34	19.58	0.0908
15+15	1	0	1	74		15.61	15.59	15.67		
15+15	1	74	1	0		19.18	19.13	19.38		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 0.2 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	50	0	QPSK	22.26	22.30	22.46	24.59	0.2877
15+10	1	0	1	49		24.11	23.87	24.08		
15+10	1	74	1	0		15.66	15.68	15.77		
15+10	1	0	0	0		24.20	24.33	24.39		
15+10	75	0	50	0	16-QAM	21.23	21.29	21.43	23.69	0.2339
15+10	1	0	1	49		23.09	22.87	23.10		
15+10	1	74	1	0		15.73	15.72	15.80		
15+10	1	0	0	0		23.30	23.39	23.49		
15+10	75	0	50	0	64-QAM	21.24	21.31	21.41	21.68	0.1472
15+10	1	0	1	49		15.69	15.71	15.86		
15+10	1	74	1	0		21.27	21.42	21.48		
15+10	75	0	50	0	256-QAM	19.26	19.26	19.41	19.61	0.0914
15+10	1	0	1	49		15.61	15.67	15.74		
15+10	1	74	1	0		19.23	19.21	19.36		
Limit	EIRP < 2W					Result			Pass	



<LTE B12 TX0 ANT0>

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -3.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.60	24.57	24.59	19.05	0.0804
10	1	25		24.41	24.51	24.45		
10	1	49		24.60	24.55	24.54		
10	25	0		23.48	23.47	23.50		
10	25	12		23.41	23.43	23.41		
10	25	25		23.47	23.42	23.42		
10	50	0		23.43	23.40	23.40		
10	1	0	16-QAM	23.79	23.87	23.86	18.32	0.0679
10	1	25		23.60	23.72	23.69		
10	1	49		23.76	23.74	23.75		
10	1	0	64-QAM	22.65	22.68	22.58	17.13	0.0516
10	1	25		22.53	22.63	22.58		
10	1	49		22.61	22.64	22.61		
10	1	0	256-QAM	19.68	19.65	19.60	14.13	0.0259
10	1	25		19.55	19.60	19.57		
10	1	49		19.62	19.60	19.55		
5	1	0	QPSK	24.43	24.48	24.42	18.93	0.0782
5	1	12		24.34	24.39	24.34		
5	1	24		24.41	24.26	24.39		
5	12	0		23.36	23.37	23.36		
5	12	7		23.26	23.26	23.24		
5	12	13		23.33	23.32	23.28		
5	25	0		23.38	23.36	23.37		
5	1	0	16-QAM	23.69	23.82	23.61	18.27	0.0671
5	1	12		23.51	23.61	23.52		
5	1	24		23.69	23.69	23.60		
5	1	0	64-QAM	22.62	22.63	22.57	17.08	0.0511
5	1	12		22.43	22.49	22.42		
5	1	24		22.54	22.57	22.49		
5	1	0	256-QAM	19.41	19.51	19.50	13.96	0.0249
5	1	12		19.42	19.41	19.41		
5	1	24		19.47	19.50	19.50		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -3.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.38	24.45	24.37	18.90	0.0776
3	1	8		24.27	24.29	24.26		
3	1	14		24.36	24.38	24.34		
3	8	0		23.34	23.35	23.30		
3	8	4		23.27	23.28	23.24		
3	8	7		23.28	23.29	23.28		
3	15	0		23.30	23.32	23.28		
3	1	0	16-QAM	23.65	23.69	23.61	18.14	0.0652
3	1	8		23.51	23.59	23.58		
3	1	14		23.60	23.59	23.53		
3	1	0	64-QAM	22.52	22.56	22.46	17.01	0.0502
3	1	8		22.33	22.43	22.35		
3	1	14		22.44	22.44	22.42		
3	1	0	256-QAM	19.46	19.51	19.47	13.96	0.0249
3	1	8		19.46	19.43	19.39		
3	1	14		19.46	19.43	19.47		
1.4	1	0	QPSK	24.38	24.37	24.33	18.83	0.0764
1.4	1	3		24.32	24.34	24.29		
1.4	1	5		24.36	24.36	24.33		
1.4	3	0		24.28	24.29	24.23		
1.4	3	1		24.26	24.27	24.23		
1.4	3	3		24.28	24.29	24.24		
1.4	6	0		23.28	23.29	23.23		
1.4	1	0	16-QAM	23.56	23.53	23.48	18.01	0.0632
1.4	1	3		23.44	23.44	23.41		
1.4	1	5		23.50	23.51	23.50		
1.4	1	0	64-QAM	22.57	22.52	22.43	17.02	0.0504
1.4	1	3		22.45	22.44	22.38		
1.4	1	5		22.50	22.49	22.43		
1.4	1	0	256-QAM	19.42	19.44	19.40	13.90	0.0245
1.4	1	3		19.38	19.44	19.38		
1.4	1	5		19.42	19.45	19.41		
Limit	ERP < 3W			Result			Pass	



<LTE B12 TX1 ANT1>

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -5.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.29	24.30	24.39	16.71	0.0469
10	1	25		24.20	24.25	24.28		
10	1	49		24.36	24.46	24.44		
10	25	0		23.20	23.22	23.29		
10	25	12		23.18	23.20	23.27		
10	25	25		23.23	23.25	23.32		
10	50	0		23.18	23.19	23.26		
10	1	0	16-QAM	23.58	23.52	23.58	15.90	0.0389
10	1	25		23.47	23.50	23.43		
10	1	49		23.55	23.65	23.60		
10	1	0	64-QAM	22.36	22.39	22.42	14.74	0.0298
10	1	25		22.26	22.32	22.36		
10	1	49		22.38	22.49	22.45		
10	1	0	256-QAM	19.37	19.30	19.30	11.66	0.0147
10	1	25		19.24	19.32	19.24		
10	1	49		19.36	19.34	19.41		
5	1	0	QPSK	24.10	24.08	24.16	16.45	0.0442
5	1	12		23.96	24.10	24.15		
5	1	24		24.07	24.20	24.20		
5	12	0		23.00	23.02	23.08		
5	12	7		22.86	22.94	23.02		
5	12	13		22.92	23.04	23.09		
5	25	0		23.01	23.05	23.14		
5	1	0	16-QAM	23.36	23.38	23.36	15.70	0.0372
5	1	12		23.19	23.32	23.31		
5	1	24		23.35	23.45	23.38		
5	1	0	64-QAM	22.31	22.24	22.39	14.64	0.0291
5	1	12		22.16	22.18	22.32		
5	1	24		22.18	22.37	22.35		
5	1	0	256-QAM	19.21	19.11	19.24	11.55	0.0143
5	1	12		19.03	19.15	19.20		
5	1	24		19.08	19.30	19.27		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -5.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.02	24.02	24.18	16.43	0.0440
3	1	8		23.94	24.02	24.07		
3	1	14		23.97	24.16	24.14		
3	8	0		23.01	23.01	23.11		
3	8	4		22.95	22.98	23.05		
3	8	7		22.92	23.06	23.08		
3	15	0		22.98	23.02	23.08		
3	1	0	16-QAM	23.24	23.29	23.41	15.70	0.0372
3	1	8		23.21	23.28	23.34		
3	1	14		23.15	23.45	23.32		
3	1	0	64-QAM	22.12	22.26	22.32	14.57	0.0286
3	1	8		22.12	22.14	22.21		
3	1	14		22.05	22.26	22.21		
3	1	0	256-QAM	19.15	19.22	19.28	11.53	0.0142
3	1	8		19.10	19.13	19.23		
3	1	14		19.02	19.25	19.25		
1.4	1	0	QPSK	24.03	24.06	24.13	16.38	0.0435
1.4	1	3		23.98	24.06	24.10		
1.4	1	5		24.06	24.09	24.13		
1.4	3	0		23.93	23.97	24.05		
1.4	3	1		23.93	23.93	24.02		
1.4	3	3		23.95	24.02	24.06		
1.4	6	0		22.95	22.98	23.06		
1.4	1	0	16-QAM	23.12	23.19	23.34	15.59	0.0362
1.4	1	3		23.17	23.23	23.30		
1.4	1	5		23.22	23.29	23.23		
1.4	1	0	64-QAM	22.20	22.25	22.32	14.57	0.0286
1.4	1	3		22.16	22.20	22.30		
1.4	1	5		22.27	22.24	22.31		
1.4	1	0	256-QAM	19.07	18.89	19.24	11.49	0.0141
1.4	1	3		19.11	18.96	19.18		
1.4	1	5		19.13	19.11	19.20		
Limit	ERP < 3W			Result			Pass	



<LTE B13 TX0 ANT0>

LTE Band 13 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	-	24.65	-	20.20	0.1047
10	1	25		-	24.50	-		
10	1	49		-	24.56	-		
10	25	0		-	23.48	-		
10	25	12		-	23.43	-		
10	25	25		-	23.47	-		
10	50	0		-	23.43	-		
10	1	0	16-QAM	-	23.83	-	19.38	0.0867
10	1	25		-	23.68	-		
10	1	49		-	23.75	-		
10	1	0	64-QAM	-	22.68	-	18.23	0.0665
10	1	25		-	22.63	-		
10	1	49		-	22.63	-		
10	1	0	256-QAM	-	19.64	-	15.21	0.0332
10	1	25		-	19.62	-		
10	1	49		-	19.66	-		
5	1	0	QPSK	24.57	24.53	24.56	20.12	0.1028
5	1	12		24.48	24.50	24.47		
5	1	24		24.54	24.52	24.50		
5	12	0		23.41	23.44	23.43		
5	12	7		23.38	23.37	23.33		
5	12	13		23.47	23.41	23.40		
5	25	0		23.49	23.46	23.44		
5	1	0	16-QAM	23.87	23.81	23.77	19.42	0.0875
5	1	12		23.73	23.70	23.67		
5	1	24		23.76	23.73	23.71		
5	1	0	64-QAM	22.76	22.64	22.67	18.31	0.0678
5	1	12		22.63	22.63	22.54		
5	1	24		22.68	22.65	22.58		
5	1	0	256-QAM	19.64	19.63	19.67	15.22	0.0333
5	1	12		19.60	19.61	19.61		
5	1	24		19.65	19.64	19.61		
Limit	ERP < 3W			Result			Pass	



<LTE B13 TX1 ANT1>

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -5.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.12	-	16.17	0.0414
10	1	25		-	24.11	-		
10	1	49		-	24.10	-		
10	25	0		-	23.01	-		
10	25	12		-	23.00	-		
10	25	25		-	23.02	-		
10	50	0		-	23.01	-		
10	1	0	16-QAM	-	23.29	-	15.46	0.0352
10	1	25		-	23.29	-		
10	1	49		-	23.41	-		
10	1	0	64-QAM	-	22.14	-	14.36	0.0273
10	1	25		-	22.19	-		
10	1	49		-	22.31	-		
10	1	0	256-QAM	-	19.15	-	11.30	0.0135
10	1	25		-	19.25	-		
10	1	49		-	19.24	-		
5	1	0	QPSK	23.98	24.00	24.16	16.25	0.0422
5	1	12		23.98	24.12	24.12		
5	1	24		24.08	24.20	24.16		
5	12	0		22.87	22.96	23.04		
5	12	7		22.86	22.98	23.00		
5	12	13		22.97	23.02	23.05		
5	25	0		22.98	23.04	23.10		
5	1	0	16-QAM	23.27	23.18	23.40	15.45	0.0351
5	1	12		23.22	23.20	23.29		
5	1	24		23.23	23.35	23.36		
5	1	0	64-QAM	22.16	22.09	22.26	14.38	0.0274
5	1	12		22.16	22.24	22.22		
5	1	24		22.19	22.31	22.33		
5	1	0	256-QAM	19.07	19.13	19.26	11.31	0.0135
5	1	12		19.15	19.21	19.21		
5	1	24		19.25	19.24	19.19		
Limit	ERP < 3W			Result			Pass	



<LTE B17 TX0 ANT0>

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -3.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.62	24.64	24.72	19.07	0.0807
10	1	25		24.52	24.48	24.47		
10	1	49		24.57	24.57	24.54		
10	25	0		23.50	23.53	23.53		
10	25	12		23.46	23.45	23.43		
10	25	25		23.44	23.43	23.42		
10	50	0		23.43	23.43	23.43		
10	1	0	16-QAM	23.92	23.87	23.88	18.27	0.0671
10	1	25		23.67	23.62	23.62		
10	1	49		23.77	23.75	23.78		
10	1	0	64-QAM	22.70	22.72	22.75	17.10	0.0513
10	1	25		22.60	22.54	22.53		
10	1	49		22.66	22.64	22.62		
10	1	0	256-QAM	19.67	19.70	19.71	14.06	0.0255
10	1	25		19.56	19.61	19.57		
10	1	49		19.67	19.68	19.61		
5	1	0	QPSK	24.57	24.60	24.53	18.95	0.0785
5	1	12		24.56	24.45	24.47		
5	1	24		24.56	24.52	24.49		
5	12	0		23.44	23.48	23.46		
5	12	7		23.41	23.36	23.33		
5	12	13		23.43	23.39	23.41		
5	25	0		23.46	23.45	23.47		
5	1	0	16-QAM	23.82	23.79	23.75	18.17	0.0656
5	1	12		23.74	23.63	23.61		
5	1	24		23.82	23.62	23.77		
5	1	0	64-QAM	22.68	22.72	22.70	17.07	0.0509
5	1	12		22.64	22.60	22.55		
5	1	24		22.66	22.57	22.56		
5	1	0	256-QAM	19.63	19.62	19.58	14.01	0.0252
5	1	12		19.57	19.54	19.60		
5	1	24		19.56	19.65	19.66		
Limit	ERP < 3W			Result			Pass	



<LTE B17 TX1 ANT1>

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -5.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.20	24.17	24.25	16.57	0.0454
10	1	25		24.15	24.10	24.08		
10	1	49		24.32	24.31	24.28		
10	25	0		23.09	23.16	23.17		
10	25	12		23.09	23.12	23.10		
10	25	25		23.14	23.15	23.19		
10	50	0		23.07	23.10	23.14		
10	1	0	16-QAM	23.43	23.41	23.48	15.78	0.0378
10	1	25		23.28	23.25	23.31		
10	1	49		23.50	23.53	23.48		
10	1	0	64-QAM	22.27	22.19	22.27	14.68	0.0294
10	1	25		22.27	22.19	22.21		
10	1	49		22.43	22.42	22.30		
10	1	0	256-QAM	19.38	19.25	19.32	11.68	0.0147
10	1	25		19.35	19.31	19.33		
10	1	49		19.43	19.40	19.38		
5	1	0	QPSK	24.03	24.10	24.15	16.40	0.0437
5	1	12		24.02	24.07	24.07		
5	1	24		24.03	24.14	24.12		
5	12	0		22.89	22.99	23.08		
5	12	7		22.85	22.92	22.97		
5	12	13		22.96	22.99	23.04		
5	25	0		22.95	23.02	23.11		
5	1	0	16-QAM	23.22	23.34	23.45	15.70	0.0372
5	1	12		23.28	23.25	23.28		
5	1	24		23.26	23.34	23.28		
5	1	0	64-QAM	22.29	22.33	22.23	14.58	0.0287
5	1	12		22.17	22.20	22.26		
5	1	24		22.22	22.13	22.25		
5	1	0	256-QAM	19.15	19.21	19.18	11.46	0.0140
5	1	12		19.11	19.15	19.20		
5	1	24		19.16	19.13	19.18		
Limit	ERP < 3W			Result				



<LTE B30 TX0 ANT2>

LTE Band 30 Maximum Average Power [dBm] (GT - LC = -0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	-	24.07	-	23.57	0.2275
10	1	25		-	23.86	-		
10	1	49		-	23.85	-		
10	25	0		-	21.88	-		
10	25	12		-	21.82	-		
10	25	25		-	21.78	-		
10	50	0		-	21.77	-		
10	1	0	16-QAM	-	23.42	-	22.92	0.1959
10	1	25		-	23.30	-		
10	1	49		-	23.27	-		
10	1	0	64-QAM	-	22.01	-	21.54	0.1426
10	1	25		-	22.04	-		
10	1	49		-	21.90	-		
10	1	0	256-QAM	-	18.96	-	18.46	0.0701
10	1	25		-	18.89	-		
10	1	49		-	18.86	-		
5	1	0	QPSK	23.80	23.92	23.84	23.42	0.2198
5	1	12		23.80	23.81	23.81		
5	1	24		23.81	23.83	23.83		
5	12	0		21.75	21.83	21.84		
5	12	7		21.70	21.72	21.72		
5	12	13		21.75	21.75	21.72		
5	25	0		21.81	21.82	21.82		
5	1	0	16-QAM	23.33	23.47	23.35	23.01	0.2000
5	1	12		23.22	23.25	23.19		
5	1	24		23.51	23.22	23.19		
5	1	0	64-QAM	22.08	22.23	22.16	21.73	0.1489
5	1	12		22.06	22.03	22.04		
5	1	24		22.14	22.07	22.03		
5	1	0	256-QAM	18.90	18.87	18.94	18.44	0.0698
5	1	12		18.84	18.87	18.82		
5	1	24		18.90	18.86	18.84		
Limit	EIRP < 250mW/5MHz			Result			Pass	
Total EIRP power is less than partial EIRP limit 250 mW/5MHz.								



<LTE B30 TX1 ANT0>

LTE Band 30 Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	-	23.51	-	23.91	0.2460
10	1	25		-	23.49	-		
10	1	49		-	23.50	-		
10	25	0		-	21.52	-		
10	25	12		-	21.56	-		
10	25	25		-	21.49	-		
10	50	0		-	21.50	-		
10	1	0	16-QAM	-	23.07	-	23.47	0.2223
10	1	25		-	23.01	-		
10	1	49		-	22.95	-		
10	1	0	64-QAM	-	21.75	-	22.15	0.1641
10	1	25		-	21.72	-		
10	1	49		-	21.72	-		
10	1	0	256-QAM	-	18.72	-	19.12	0.0817
10	1	25		-	18.62	-		
10	1	49		-	18.63	-		
5	1	0	QPSK	23.49	23.55	23.49	23.95	0.2483
5	1	12		23.46	23.44	23.44		
5	1	24		23.45	23.44	23.47		
5	12	0		21.50	21.58	21.60		
5	12	7		21.44	21.46	21.44		
5	12	13		21.49	21.46	21.47		
5	25	0		21.54	21.54	21.55		
5	1	0	16-QAM	23.08	23.16	23.04	23.60	0.2291
5	1	12		22.89	22.93	22.97		
5	1	24		23.20	23.03	23.04		
5	1	0	64-QAM	21.71	21.93	21.79	22.33	0.1710
5	1	12		21.76	21.83	21.86		
5	1	24		21.92	21.86	21.78		
5	1	0	256-QAM	18.68	18.68	18.66	19.08	0.0809
5	1	12		18.57	18.60	18.58		
5	1	24		18.63	18.58	18.55		
Limit	EIRP < 250mW/5MHz			Result			Pass	
Total EIRP power is less than partial EIRP limit 250 mW/5MHz.								

<LTE B38 TX0 ANT2>

LTE Band 38 PC2 Maximum Average Power [dBm] (GT - LC = 1.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	26.08	26.09	26.08	27.19	0.5236
20	1	49		25.99	26.03	26.02		
20	1	99		26.01	26.06	26.04		
20	50	0		24.99	25.01	25.07		
20	50	24		24.95	24.96	24.98		
20	50	50		24.97	24.95	24.96		
20	100	0		24.99	24.98	25.00		
20	1	0	16-QAM	25.25	25.23	25.29	26.39	0.4355
20	1	49		25.17	25.20	25.19		
20	1	99		25.20	25.21	25.19		
20	1	0	64-QAM	24.09	24.08	24.11	25.21	0.3319
20	1	49		23.98	24.02	24.02		
20	1	99		24.06	24.05	24.03		
20	1	0	256-QAM	21.10	21.11	21.14	22.25	0.1679
20	1	49		21.03	21.08	21.05		
20	1	99		21.05	21.09	21.07		
15	1	0	QPSK	26.17	26.18	26.26	27.36	0.5445
15	1	37		26.10	26.22	26.15		
15	1	74		26.16	26.18	26.14		
15	36	0		25.01	25.10	25.05		
15	36	20		24.94	25.03	24.96		
15	36	39		24.99	25.03	25.04		
15	75	0		25.00	25.06	25.03		
15	1	0	16-QAM	25.33	25.36	25.41	26.51	0.4477
15	1	37		25.22	25.36	25.34		
15	1	74		25.28	25.38	25.37		
15	1	0	64-QAM	24.06	24.07	24.15	25.25	0.3350
15	1	37		23.94	24.07	24.05		
15	1	74		24.06	24.06	24.04		
15	1	0	256-QAM	21.10	21.18	21.22	22.32	0.1706
15	1	37		21.09	21.17	21.11		
15	1	74		21.09	21.16	21.10		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 PC2 Maximum Average Power [dBm] (GT - LC = 1.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	26.19	26.19	26.21	27.31	0.5383
10	1	25		26.07	26.15	26.10		
10	1	49		26.16	26.19	26.16		
10	25	0		25.05	25.14	25.06		
10	25	12		25.01	25.07	25.03		
10	25	25		25.01	25.07	25.09		
10	50	0		25.02	25.06	25.07		
10	1	0	16-QAM	25.32	25.36	25.40	26.50	0.4467
10	1	25		25.23	25.36	25.30		
10	1	49		25.27	25.37	25.35		
10	1	0	64-QAM	24.04	24.05	24.06	25.16	0.3281
10	1	25		23.97	24.06	24.01		
10	1	49		23.99	24.03	24.01		
10	1	0	256-QAM	21.15	21.18	21.22	22.32	0.1706
10	1	25		21.05	21.18	21.11		
10	1	49		21.13	21.21	21.14		
5	1	0	QPSK	26.14	26.22	26.16	27.32	0.5395
5	1	12		26.10	26.17	26.13		
5	1	24		26.13	26.20	26.17		
5	12	0		25.03	25.08	25.09		
5	12	7		24.94	24.98	24.98		
5	12	13		24.99	25.03	25.04		
5	25	0		25.06	25.08	25.12		
5	1	0	16-QAM	25.29	25.37	25.33	26.47	0.4436
5	1	12		25.16	25.27	25.22		
5	1	24		25.27	25.36	25.33		
5	1	0	64-QAM	24.09	24.16	24.11	25.26	0.3357
5	1	12		24.03	24.12	24.09		
5	1	24		24.06	24.13	24.11		
5	1	0	256-QAM	21.13	21.20	21.18	22.33	0.1710
5	1	12		21.00	21.17	21.12		
5	1	24		21.07	21.21	21.14		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38C-PC3_CA Maximum Average Power [dBm] (GT - LC = 1.1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	22.39	22.38	22.34	25.46	0.3516
20+20	1	0	1	99		24.15	24.14	24.12		
20+20	1	99	1	0		15.84	15.77	15.73		
20+20	1	0	0	0		24.36	24.34	24.31		
20+20	100	0	100	0	16-QAM	21.42	21.40	21.39	24.65	0.2917
20+20	1	0	1	99		23.34	23.31	23.27		
20+20	1	99	1	0		15.83	15.75	15.71		
20+20	1	0	0	0		23.55	23.50	23.45		
20+20	100	0	100	0	64-QAM	21.40	21.38	21.35	22.50	0.1778
20+20	1	0	1	99		15.51	15.43	15.40		
20+20	1	99	1	0		21.10	21.07	21.04		
20+20	100	0	100	0	256-QAM	19.46	19.45	19.41	20.56	0.1138
20+20	1	0	1	99		15.69	15.59	15.57		
20+20	1	99	1	0		19.38	19.37	19.37		
15+15	75	0	75	0	QPSK	22.39	22.38	22.35	25.51	0.3556
15+15	1	0	1	74		24.15	24.13	24.19		
15+15	1	74	1	0		15.91	15.84	15.86		
15+15	1	0	0	0		24.41	24.36	24.34		
15+15	75	0	75	0	16-QAM	21.40	21.39	21.34	24.68	0.2938
15+15	1	0	1	74		23.36	23.32	23.38		
15+15	1	74	1	0		15.90	15.82	15.83		
15+15	1	0	0	0		23.58	23.54	23.50		
15+15	75	0	75	0	64-QAM	21.42	21.40	21.36	22.52	0.1786
15+15	1	0	1	74		15.57	15.52	15.52		
15+15	1	74	1	0		21.11	21.07	21.06		
15+15	75	0	75	0	256-QAM	19.46	19.45	19.40	20.56	0.1138
15+15	1	0	1	74		15.77	15.68	15.70		
15+15	1	74	1	0		19.42	19.39	19.36		
Limit	EIRP < 2W					Result			Pass	

<LTE B38 TX1 ANT0>

LTE Band 38 PC2 Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	25.89	25.89	25.86	26.49	0.4457
20	1	49		25.83	25.85	25.81		
20	1	99		25.81	25.85	25.84		
20	50	0		24.83	24.82	24.83		
20	50	24		24.76	24.75	24.76		
20	50	50		24.79	24.76	24.75		
20	100	0		24.80	24.79	24.77		
20	1	0	16-QAM	25.07	25.06	25.08	25.68	0.3698
20	1	49		25.00	25.01	24.99		
20	1	99		24.98	25.02	25.01		
20	1	0	64-QAM	23.90	23.91	23.90	24.51	0.2825
20	1	49		23.80	23.84	23.79		
20	1	99		23.87	23.86	23.85		
20	1	0	256-QAM	20.92	20.96	20.90	21.56	0.1432
20	1	49		20.85	20.87	20.82		
20	1	99		20.85	20.88	20.87		
15	1	0	QPSK	26.04	26.02	26.06	26.66	0.4634
15	1	37		25.96	26.00	25.96		
15	1	74		26.02	25.98	25.99		
15	36	0		24.89	24.92	24.88		
15	36	20		24.85	24.84	24.80		
15	36	39		24.89	24.86	24.85		
15	75	0		24.88	24.90	24.86		
15	1	0	16-QAM	25.22	25.22	25.26	25.86	0.3855
15	1	37		25.13	25.22	25.17		
15	1	74		25.18	25.20	25.23		
15	1	0	64-QAM	23.95	23.92	23.97	24.57	0.2864
15	1	37		23.85	23.92	23.84		
15	1	74		23.93	23.88	23.88		
15	1	0	256-QAM	20.99	21.01	21.07	21.67	0.1469
15	1	37		21.01	20.99	20.95		
15	1	74		20.99	20.99	20.97		
Limit	EIRP < 2W			Result				



LTE Band 38 PC2 Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	26.04	26.03	26.02	26.64	0.4613
10	1	25		25.95	25.97	25.93		
10	1	49		26.02	26.02	26.00		
10	25	0		24.94	24.95	24.90		
10	25	12		24.89	24.88	24.87		
10	25	25		24.89	24.89	24.92		
10	50	0		24.88	24.89	24.89		
10	1	0	16-QAM	25.21	25.21	25.22	25.82	0.3819
10	1	25		25.11	25.17	25.13		
10	1	49		25.16	25.18	25.20		
10	1	0	64-QAM	23.92	23.89	23.87	24.52	0.2831
10	1	25		23.86	23.90	23.84		
10	1	49		23.87	23.85	23.85		
10	1	0	256-QAM	21.04	20.99	21.05	21.65	0.1462
10	1	25		20.96	21.00	20.94		
10	1	49		21.00	21.03	21.00		
5	1	0	QPSK	26.01	26.05	26.00	26.65	0.4624
5	1	12		25.94	25.98	25.98		
5	1	24		25.98	26.02	26.01		
5	12	0		24.89	24.91	24.92		
5	12	7		24.81	24.81	24.83		
5	12	13		24.85	24.86	24.88		
5	25	0		24.94	24.91	24.96		
5	1	0	16-QAM	25.16	25.21	25.16	25.81	0.3811
5	1	12		25.05	25.09	25.08		
5	1	24		25.15	25.17	25.16		
5	1	0	64-QAM	23.97	24.03	23.94	24.63	0.2904
5	1	12		23.92	23.95	23.90		
5	1	24		23.94	23.96	23.94		
5	1	0	256-QAM	21.03	21.02	21.03	21.67	0.1469
5	1	12		20.89	21.01	20.95		
5	1	24		20.95	21.04	21.02		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38C-PC3_CA Maximum Average Power [dBm] (GT - LC = 0.6 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	22.19	22.17	22.15	24.75	0.2985
20+20	1	0	1	99		23.97	23.93	23.93		
20+20	1	99	1	0		15.65	15.57	15.52		
20+20	1	0	0	0		24.15	24.14	24.10		
20+20	100	0	100	0	16-QAM	21.23	21.21	21.18	23.92	0.2466
20+20	1	0	1	99		23.16	23.10	23.12		
20+20	1	99	1	0		15.63	15.59	15.52		
20+20	1	0	0	0		23.32	23.28	23.27		
20+20	100	0	100	0	64-QAM	21.20	21.17	21.16	21.80	0.1514
20+20	1	0	1	99		15.31	15.24	15.19		
20+20	1	99	1	0		20.88	20.85	20.86		
20+20	100	0	100	0	256-QAM	19.26	19.24	19.23	19.86	0.0968
20+20	1	0	1	99		15.47	15.42	15.37		
20+20	1	99	1	0		19.18	19.16	19.19		
15+15	75	0	75	0	QPSK	22.21	22.20	22.19	24.77	0.2999
15+15	1	0	1	74		23.98	23.94	24.04		
15+15	1	74	1	0		15.71	15.65	15.68		
15+15	1	0	0	0		24.17	24.16	24.17		
15+15	75	0	75	0	16-QAM	21.19	21.19	21.18	23.95	0.2483
15+15	1	0	1	74		23.16	23.15	23.21		
15+15	1	74	1	0		15.69	15.62	15.64		
15+15	1	0	0	0		23.35	23.33	23.34		
15+15	75	0	75	0	64-QAM	21.19	21.21	21.19	21.81	0.1517
15+15	1	0	1	74		15.38	15.32	15.34		
15+15	1	74	1	0		20.87	20.90	20.89		
15+15	75	0	75	0	256-QAM	19.24	19.26	19.22	19.86	0.0968
15+15	1	0	1	74		15.53	15.49	15.52		
15+15	1	74	1	0		19.18	19.19	19.18		
Limit	EIRP < 2W					Result			Pass	



<LTE B41 TX0 ANT2>

LTE Band 41 PC2 Maximum Average Power [dBm] (GT - LC = 1.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	25.79	26.09	25.82	27.19	0.5236
20	1	49		25.75	26.00	25.81		
20	1	99		25.86	26.04	25.89		
20	50	0		24.76	25.02	24.79		
20	50	24		24.74	24.94	24.77		
20	50	50		24.81	24.96	24.81		
20	100	0	16-QAM	24.77	24.97	24.79	26.36	0.4325
20	1	0		24.95	25.26	25.01		
20	1	49		24.90	25.16	24.95		
20	1	99	64-QAM	25.07	25.16	25.07	25.19	0.3304
20	1	0		23.78	24.09	23.84		
20	1	49		23.74	24.00	23.79		
20	1	99	256-QAM	23.91	24.04	23.94	22.25	0.1679
20	1	0		20.85	21.15	20.88		
20	1	49		20.81	21.07	20.85		
20	1	99	QPSK	21.01	21.09	20.93	27.31	0.5383
15	1	0		26.00	26.21	26.02		
15	1	37		25.94	26.20	26.00		
15	1	74		25.96	26.18	26.04		
15	36	0		24.87	25.06	24.89		
15	36	20		24.81	24.99	24.82		
15	36	39		24.81	25.02	24.85		
15	75	0	16-QAM	24.84	25.06	24.86	26.48	0.4446
15	1	0		25.16	25.38	25.18		
15	1	37		25.11	25.36	25.12		
15	1	74	64-QAM	25.17	25.37	25.15	25.20	0.3311
15	1	0		23.87	24.10	23.90		
15	1	37		23.78	24.06	23.83		
15	1	74	256-QAM	23.85	24.07	23.94	22.29	0.1694
15	1	0		21.03	21.19	21.08		
15	1	37		20.99	21.18	21.00		
15	1	74		21.07	21.19	21.05		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 PC2 Maximum Average Power [dBm] (GT - LC = 1.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	26.02	26.16	26.04	27.27	0.5333
10	1	25		25.89	26.13	25.93		
10	1	49		25.96	26.17	26.00		
10	25	0		24.92	25.06	24.92		
10	25	12		24.87	25.04	24.88		
10	25	25		24.86	25.07	24.88		
10	50	0		24.83	25.03	24.87		
10	1	0	16-QAM	25.13	25.33	25.13	26.43	0.4395
10	1	25		25.08	25.32	25.11		
10	1	49		25.12	25.33	25.13		
10	1	0	64-QAM	23.85	24.05	23.86	25.15	0.3273
10	1	25		23.78	24.04	23.84		
10	1	49		23.81	24.01	23.85		
10	1	0	256-QAM	21.05	21.24	21.09	22.34	0.1714
10	1	25		20.98	21.20	21.02		
10	1	49		21.05	21.22	21.08		
5	1	0	QPSK	25.97	26.19	25.98	27.29	0.5358
5	1	12		25.95	26.13	25.93		
5	1	24		26.00	26.17	26.01		
5	12	0		24.89	25.07	24.88		
5	12	7		24.81	24.98	24.77		
5	12	13		24.85	25.00	24.86		
5	25	0		24.93	25.06	24.92		
5	1	0	16-QAM	25.15	25.36	25.12	26.46	0.4426
5	1	12		25.01	25.25	25.02		
5	1	24		25.12	25.33	25.15		
5	1	0	64-QAM	23.94	24.13	23.90	25.23	0.3334
5	1	12		23.84	24.09	23.84		
5	1	24		23.91	24.10	23.93		
5	1	0	256-QAM	21.06	21.21	21.07	22.35	0.1718
5	1	12		20.99	21.21	21.01		
5	1	24		21.05	21.23	21.06		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41C-PC3_CA Maximum Average Power [dBm] (GT - LC = 1.1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	22.18	22.22	21.89	25.55	0.3589
20+20	1	0	1	99		24.45	24.34	23.94		
20+20	1	99	1	0		15.64	15.54	15.21		
20+20	1	0	0	0		24.13	24.22	23.92		
20+20	100	0	100	0	16-QAM	21.20	21.22	20.94	24.73	0.2972
20+20	1	0	1	99		23.63	23.51	23.10		
20+20	1	99	1	0		15.58	15.55	15.22		
20+20	1	0	0	0		23.31	23.42	23.08		
20+20	100	0	100	0	64-QAM	21.20	21.22	20.92	22.32	0.1706
20+20	1	0	1	99		15.29	15.21	14.91		
20+20	1	99	1	0		20.86	20.96	20.66		
20+20	100	0	100	0	256-QAM	19.13	19.14	18.87	20.24	0.1057
20+20	1	0	1	99		15.46	15.39	15.10		
20+20	1	99	1	0		18.99	19.11	18.83		
20+15	100	0	75	0	QPSK	22.21	22.21	21.90	25.56	0.3597
20+15	1	0	1	74		24.46	24.33	24.00		
20+15	1	99	1	0		15.65	15.55	15.29		
20+15	1	0	0	0		24.14	24.19	23.87		
20+15	100	0	75	0	16-QAM	21.25	21.22	20.91	24.76	0.2992
20+15	1	0	1	74		23.66	23.52	23.15		
20+15	1	99	1	0		15.81	15.76	15.44		
20+15	1	0	0	0		23.23	23.32	23.10		
20+15	100	0	75	0	64-QAM	21.23	21.22	20.92	22.33	0.1710
20+15	1	0	1	74		15.30	15.25	14.97		
20+15	1	99	1	0		20.88	20.93	20.60		
20+15	100	0	75	0	256-QAM	19.12	19.14	18.89	20.24	0.1057
20+15	1	0	1	74		15.47	15.41	15.16		
20+15	1	99	1	0		18.98	19.10	18.77		
15+20	75	0	100	0	QPSK	22.24	22.21	21.89	25.53	0.3573
15+20	1	0	1	99		24.43	24.30	23.95		
15+20	1	74	1	0		15.63	15.52	15.26		
15+20	1	0	0	0		24.16	24.22	23.89		
15+20	75	0	100	0	16-QAM	21.25	21.22	20.90	24.77	0.2999
15+20	1	0	1	99		23.67	23.51	23.14		
15+20	1	74	1	0		15.72	15.53	15.26		
15+20	1	0	0	0		23.33	23.38	23.07		
15+20	75	0	100	0	64-QAM	21.25	21.21	20.89	22.35	0.1718
15+20	1	0	1	99		15.30	15.21	14.92		
15+20	1	74	1	0		20.89	20.94	20.62		
15+20	75	0	100	0	256-QAM	19.15	19.14	18.87	20.25	0.1059
15+20	1	0	1	99		15.45	15.39	15.13		
15+20	1	74	1	0		19.03	19.11	18.78		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C-PC3_CA Maximum Average Power [dBm] (GT - LC = 1.1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	22.14	22.15	21.87	23.61	0.2296
20+10	1	0	1	49		22.51	22.42	22.10		
20+10	1	99	1	0		13.63	13.61	13.35		
20+10	1	0	0	0		22.03	22.11	21.79		
20+10	100	0	50	0	16-QAM	21.19	21.19	20.94	22.70	0.1862
20+10	1	0	1	49		21.60	21.51	21.18		
20+10	1	99	1	0		13.64	13.63	13.37		
20+10	1	0	0	0		21.22	21.31	20.99		
20+10	100	0	50	0	64-QAM	21.18	21.21	20.94	22.31	0.1702
20+10	1	0	1	49		13.31	13.30	13.04		
20+10	1	99	1	0		18.66	18.71	18.48		
20+10	100	0	50	0	256-QAM	19.12	19.11	18.85	20.22	0.1052
20+10	1	0	1	49		13.45	13.48	13.23		
20+10	1	99	1	0		16.85	16.92	16.67		
10+20	50	0	100	0	QPSK	22.22	22.17	21.86	23.56	0.2270
10+20	1	0	1	99		22.46	22.33	22.03		
10+20	1	49	1	0		13.57	13.55	13.28		
10+20	1	0	0	0		22.12	22.12	21.83		
10+20	50	0	100	0	16-QAM	21.25	21.20	20.90	22.63	0.1832
10+20	1	0	1	99		21.53	21.49	21.12		
10+20	1	49	1	0		13.56	13.55	13.29		
10+20	1	0	0	0		21.37	21.38	20.92		
10+20	50	0	100	0	64-QAM	21.24	21.22	20.91	22.34	0.1714
10+20	1	0	1	99		13.25	13.26	12.98		
10+20	1	49	1	0		18.78	18.82	18.54		
10+20	50	0	100	0	256-QAM	19.14	19.13	18.88	20.24	0.1057
10+20	1	0	1	99		13.42	13.43	13.16		
10+20	1	49	1	0		16.99	17.00	16.71		
20+5	100	0	25	0	QPSK	22.11	22.12	21.80	23.57	0.2275
20+5	1	0	1	24		22.47	22.36	22.09		
20+5	1	99	1	0		13.60	13.56	13.27		
20+5	1	0	0	0		21.98	22.05	21.67		
20+5	100	0	25	0	16-QAM	21.13	21.17	20.84	22.71	0.1866
20+5	1	0	1	24		21.61	21.46	21.18		
20+5	1	99	1	0		13.65	13.50	13.36		
20+5	1	0	0	0		21.19	21.16	20.76		
20+5	100	0	25	0	64-QAM	21.10	21.12	20.79	22.22	0.1667
20+5	1	0	1	24		13.27	13.26	12.96		
20+5	1	99	1	0		18.64	18.71	18.40		
20+5	100	0	25	0	256-QAM	19.12	19.10	18.77	20.22	0.1052
20+5	1	0	1	24		13.44	13.43	13.17		
20+5	1	99	1	0		16.81	16.89	16.59		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C-PC3_CA Maximum Average Power [dBm] (GT - LC = 1.1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	22.64	22.56	22.34	23.74	0.2366
5+20	1	0	1	99		22.36	22.27	21.99		
5+20	1	24	1	0		13.92	13.90	13.22		
5+20	1	0	0	0		22.57	22.52	21.82		
5+20	25	0	100	0	16-QAM	21.62	21.59	20.90	22.94	0.1968
5+20	1	0	1	99		21.49	21.41	21.10		
5+20	1	24	1	0		14.08	13.90	13.25		
5+20	1	0	0	0		21.84	21.73	20.97		
5+20	25	0	100	0	64-QAM	21.60	21.57	20.91	22.70	0.1862
5+20	1	0	1	99		13.62	13.58	12.91		
5+20	1	24	1	0		19.28	19.24	18.54		
5+20	25	0	100	0	256-QAM	19.61	19.53	18.89	20.71	0.1178
5+20	1	0	1	99		13.81	13.76	13.09		
5+20	1	24	1	0		17.47	17.44	16.71		
15+10	75	0	50	0	QPSK	22.18	22.15	21.86	23.53	0.2254
15+10	1	0	1	49		22.43	22.30	22.05		
15+10	1	74	1	0		13.59	13.57	13.28		
15+10	1	0	0	0		22.03	22.10	21.74		
15+10	75	0	50	0	16-QAM	21.19	21.17	20.85	22.71	0.1866
15+10	1	0	1	49		21.61	21.51	21.23		
15+10	1	74	1	0		13.74	13.72	13.46		
15+10	1	0	0	0		21.12	21.17	20.83		
15+10	75	0	50	0	64-QAM	21.17	21.20	20.88	22.30	0.1698
15+10	1	0	1	49		13.29	13.27	12.98		
15+10	1	74	1	0		18.73	18.80	18.48		
15+10	75	0	50	0	256-QAM	19.16	19.19	18.86	20.29	0.1069
15+10	1	0	1	49		13.44	13.44	13.17		
15+10	1	74	1	0		16.92	17.00	16.65		
10+15	50	0	75	0	QPSK	22.21	22.16	21.87	23.52	0.2249
10+15	1	0	1	74		22.42	22.30	22.04		
10+15	1	49	1	0		13.57	13.53	13.27		
10+15	1	0	0	0		22.10	22.07	21.76		
10+15	50	0	75	0	16-QAM	21.22	21.16	20.88	22.87	0.1936
10+15	1	0	1	74		21.77	21.63	21.34		
10+15	1	49	1	0		13.58	13.54	13.29		
10+15	1	0	0	0		21.23	21.22	20.90		
10+15	50	0	75	0	64-QAM	21.26	21.18	20.89	22.36	0.1722
10+15	1	0	1	74		13.26	13.25	12.96		
10+15	1	49	1	0		18.79	18.80	18.49		
10+15	50	0	75	0	256-QAM	19.22	19.14	18.87	20.32	0.1076
10+15	1	0	1	74		13.44	13.41	13.16		
10+15	1	49	1	0		16.97	16.97	16.68		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C-PC3_CA Maximum Average Power [dBm] (GT - LC = 1.1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+15	75	0	75	0	QPSK	22.24	22.19	21.88	23.57	0.2275
15+15	1	0	1	74		22.47	22.36	22.05		
15+15	1	74	1	0		13.67	13.64	13.33		
15+15	1	0	0	0		22.13	22.19	21.84		
15+15	75	0	75	0	16-QAM	21.22	21.19	20.88	22.92	0.1959
15+15	1	0	1	74		21.82	21.51	21.22		
15+15	1	74	1	0		13.62	13.61	13.33		
15+15	1	0	0	0		21.27	21.41	21.06		
15+15	75	0	75	0	64-QAM	21.26	21.23	20.90	22.36	0.1722
15+15	1	0	1	74		13.33	13.33	13.03		
15+15	1	74	1	0		18.75	18.84	18.51		
15+15	75	0	75	0	256-QAM	19.14	19.13	18.84	20.24	0.1057
15+15	1	0	1	74		13.50	13.49	13.20		
15+15	1	74	1	0		16.95	17.04	16.69		
Limit	EIRP < 2W					Result			Pass	



<LTE B41 TX1 ANT0>

LTE Band 41 PC2 Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	25.64	25.92	25.74	26.52	0.4487
20	1	49		25.56	25.82	25.68		
20	1	99		25.63	25.83	25.72		
20	50	0		24.61	24.85	24.70		
20	50	24		24.55	24.77	24.65		
20	50	50		24.59	24.78	24.69		
20	100	0		24.60	24.77	24.68		
20	1	0	16-QAM	24.84	25.08	24.91	25.68	0.3698
20	1	49		24.75	24.98	24.83		
20	1	99		24.85	24.99	24.91		
20	1	0	64-QAM	23.64	23.94	23.78	24.54	0.2844
20	1	49		23.57	23.84	23.66		
20	1	99		23.70	23.87	23.76		
20	1	0	256-QAM	20.71	20.98	20.79	21.58	0.1439
20	1	49		20.65	20.86	20.69		
20	1	99		20.76	20.89	20.79		
15	1	0	QPSK	25.76	25.96	25.89	26.56	0.4529
15	1	37		25.66	25.90	25.80		
15	1	74		25.62	25.88	25.83		
15	36	0		24.62	24.79	24.71		
15	36	20		24.55	24.73	24.64		
15	36	39		24.53	24.74	24.64		
15	75	0		24.56	24.77	24.66		
15	1	0	16-QAM	24.90	25.11	25.01	25.71	0.3724
15	1	37		24.83	25.10	24.92		
15	1	74		24.89	25.07	24.92		
15	1	0	64-QAM	23.62	23.85	23.75	24.45	0.2786
15	1	37		23.52	23.78	23.63		
15	1	74		23.53	23.78	23.70		
15	1	0	256-QAM	20.81	20.94	20.91	21.54	0.1426
15	1	37		20.74	20.91	20.83		
15	1	74		20.78	20.90	20.86		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 PC2 Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	25.75	25.90	25.87	26.50	0.4467
10	1	25		25.64	25.86	25.74		
10	1	49		25.66	25.89	25.80		
10	25	0		24.66	24.80	24.72		
10	25	12		24.60	24.77	24.66		
10	25	25		24.56	24.78	24.67		
10	50	0		24.58	24.76	24.66		
10	1	0	16-QAM	24.88	25.09	24.95	25.69	0.3707
10	1	25		24.83	25.04	24.88		
10	1	49		24.86	25.05	24.89		
10	1	0	64-QAM	23.60	23.78	23.68	24.38	0.2742
10	1	25		23.52	23.77	23.61		
10	1	49		23.52	23.73	23.61		
10	1	0	256-QAM	20.82	20.96	20.91	21.56	0.1432
10	1	25		20.75	20.90	20.84		
10	1	49		20.81	20.93	20.87		
5	1	0	QPSK	25.74	25.92	25.82	26.52	0.4487
5	1	12		25.68	25.84	25.73		
5	1	24		25.68	25.87	25.76		
5	12	0		24.63	24.79	24.68		
5	12	7		24.56	24.69	24.57		
5	12	13		24.58	24.73	24.62		
5	25	0		24.65	24.78	24.70		
5	1	0	16-QAM	24.90	25.10	24.89	25.70	0.3715
5	1	12		24.77	24.98	24.80		
5	1	24		24.87	25.07	24.89		
5	1	0	64-QAM	23.69	23.88	23.70	24.48	0.2805
5	1	12		23.58	23.82	23.65		
5	1	24		23.62	23.81	23.70		
5	1	0	256-QAM	20.83	20.93	20.88	21.59	0.1442
5	1	12		20.75	20.92	20.83		
5	1	24		20.80	20.97	20.87		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41C-PC3_CA Maximum Average Power [dBm] (GT - LC = 0.6 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	22.22	22.32	22.13	24.94	0.3119
20+20	1	0	1	99		24.16	24.13	23.81		
20+20	1	99	1	0		15.64	15.66	15.43		
20+20	1	0	0	0		24.15	24.34	24.13		
20+20	100	0	100	0	16-QAM	21.23	21.35	21.15	24.12	0.2582
20+20	1	0	1	99		23.52	23.32	22.95		
20+20	1	99	1	0		15.59	15.67	15.43		
20+20	1	0	0	0		23.33	23.52	23.30		
20+20	100	0	100	0	64-QAM	21.19	21.34	21.15	21.94	0.1563
20+20	1	0	1	99		15.32	15.33	15.08		
20+20	1	99	1	0		20.87	21.08	20.87		
20+20	100	0	100	0	256-QAM	19.14	19.27	19.10	19.87	0.0971
20+20	1	0	1	99		15.46	15.51	15.29		
20+20	1	99	1	0		18.96	19.23	19.04		
20+15	100	0	75	0	QPSK	22.22	22.36	22.13	24.94	0.3119
20+15	1	0	1	74		24.18	24.16	23.87		
20+15	1	99	1	0		15.67	15.70	15.48		
20+15	1	0	0	0		24.18	24.34	24.11		
20+15	100	0	75	0	16-QAM	21.19	21.39	21.12	24.12	0.2582
20+15	1	0	1	74		23.37	23.37	23.03		
20+15	1	99	1	0		15.79	15.89	15.69		
20+15	1	0	0	0		23.35	23.52	23.30		
20+15	100	0	75	0	64-QAM	21.23	21.36	21.13	21.96	0.1570
20+15	1	0	1	74		15.32	15.36	15.17		
20+15	1	99	1	0		20.91	21.07	20.82		
20+15	100	0	75	0	256-QAM	19.13	19.29	19.11	19.89	0.0975
20+15	1	0	1	74		15.47	15.53	15.37		
20+15	1	99	1	0		18.98	19.23	19.01		
15+20	75	0	100	0	QPSK	22.22	22.37	22.15	24.97	0.3141
15+20	1	0	1	99		24.15	24.11	23.82		
15+20	1	74	1	0		15.64	15.68	15.47		
15+20	1	0	0	0		24.18	24.37	24.16		
15+20	75	0	100	0	16-QAM	21.24	21.39	21.15	24.14	0.2594
15+20	1	0	1	99		23.51	23.34	23.02		
15+20	1	74	1	0		15.72	15.67	15.50		
15+20	1	0	0	0		23.30	23.54	23.34		
15+20	75	0	100	0	64-QAM	21.23	21.37	21.15	21.97	0.1574
15+20	1	0	1	99		15.31	15.36	15.18		
15+20	1	74	1	0		20.93	21.11	20.86		
15+20	75	0	100	0	256-QAM	19.13	19.30	19.12	19.90	0.0977
15+20	1	0	1	99		15.48	15.52	15.35		
15+20	1	74	1	0		19.02	19.25	19.05		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C-PC3_CA Maximum Average Power [dBm] (GT - LC = 0.6 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	22.21	22.36	22.15	22.96	0.1977
20+10	1	0	1	49		22.20	22.23	21.99		
20+10	1	99	1	0		13.67	13.78	13.57		
20+10	1	0	0	0		22.08	22.30	22.04		
20+10	100	0	50	0	16-QAM	21.24	21.41	21.21	22.16	0.1644
20+10	1	0	1	49		21.32	21.32	21.06		
20+10	1	99	1	0		13.67	13.86	13.79		
20+10	1	0	0	0		21.25	21.56	21.17		
20+10	100	0	50	0	64-QAM	21.25	21.38	21.18	21.98	0.1578
20+10	1	0	1	49		13.36	13.46	13.29		
20+10	1	99	1	0		18.70	18.90	18.75		
20+10	100	0	50	0	256-QAM	19.16	19.31	19.12	19.91	0.0979
20+10	1	0	1	49		13.51	13.64	13.46		
20+10	1	99	1	0		16.89	17.14	16.93		
10+20	50	0	100	0	QPSK	22.27	22.37	22.14	22.97	0.1982
10+20	1	0	1	99		22.15	22.15	21.90		
10+20	1	49	1	0		13.69	13.76	13.53		
10+20	1	0	0	0		22.18	22.31	22.10		
10+20	50	0	100	0	16-QAM	21.28	21.40	21.19	22.16	0.1644
10+20	1	0	1	99		21.27	21.25	21.04		
10+20	1	49	1	0		13.68	13.74	13.55		
10+20	1	0	0	0		21.41	21.56	21.33		
10+20	50	0	100	0	64-QAM	21.29	21.39	21.19	21.99	0.1581
10+20	1	0	1	99		13.38	13.45	13.24		
10+20	1	49	1	0		18.81	19.01	18.81		
10+20	50	0	100	0	256-QAM	19.20	19.33	19.16	19.93	0.0984
10+20	1	0	1	99		13.53	13.62	13.43		
10+20	1	49	1	0		17.03	17.19	16.98		
20+5	100	0	25	0	QPSK	22.18	22.37	22.10	22.97	0.1982
20+5	1	0	1	24		22.16	22.18	21.96		
20+5	1	99	1	0		13.63	13.78	13.57		
20+5	1	0	0	0		22.05	22.28	21.99		
20+5	100	0	25	0	16-QAM	21.21	21.40	21.13	22.12	0.1629
20+5	1	0	1	24		21.52	21.34	21.11		
20+5	1	99	1	0		13.59	13.73	13.64		
20+5	1	0	0	0		21.23	21.38	21.09		
20+5	100	0	25	0	64-QAM	21.19	21.36	21.10	21.96	0.1570
20+5	1	0	1	24		13.31	13.45	13.26		
20+5	1	99	1	0		18.74	18.91	18.70		
20+5	100	0	25	0	256-QAM	19.19	19.35	19.09	19.95	0.0989
20+5	1	0	1	24		13.47	13.63	13.46		
20+5	1	99	1	0		16.91	17.14	16.91		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C-PC3_CA Maximum Average Power [dBm] (GT - LC = 0.6 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	22.25	22.37	22.17	22.97	0.1982
5+20	1	0	1	99		22.05	22.07	21.87		
5+20	1	24	1	0		13.61	13.73	13.52		
5+20	1	0	0	0		22.20	22.33	22.12		
5+20	25	0	100	0	16-QAM	21.31	21.38	21.21	22.13	0.1633
5+20	1	0	1	99		21.34	21.28	20.99		
5+20	1	24	1	0		13.60	13.73	13.52		
5+20	1	0	0	0		21.32	21.53	21.35		
5+20	25	0	100	0	64-QAM	21.29	21.34	21.20	21.94	0.1563
5+20	1	0	1	99		13.29	13.43	13.21		
5+20	1	24	1	0		18.90	19.05	18.85		
5+20	25	0	100	0	256-QAM	19.26	19.33	19.19	19.93	0.0984
5+20	1	0	1	99		13.47	13.61	13.44		
5+20	1	24	1	0		17.11	17.24	17.04		
15+10	75	0	50	0	QPSK	22.21	22.38	22.14	22.98	0.1986
15+10	1	0	1	49		22.10	22.12	21.89		
15+10	1	74	1	0		13.62	13.77	13.56		
15+10	1	0	0	0		22.11	22.30	22.03		
15+10	75	0	50	0	16-QAM	21.24	21.36	21.17	21.97	0.1574
15+10	1	0	1	49		21.31	21.33	21.11		
15+10	1	74	1	0		13.77	13.92	13.75		
15+10	1	0	0	0		21.36	21.37	21.10		
15+10	75	0	50	0	64-QAM	21.23	21.40	21.17	22.00	0.1585
15+10	1	0	1	49		13.32	13.45	13.25		
15+10	1	74	1	0		19.37	19.01	18.76		
15+10	75	0	50	0	256-QAM	19.20	19.38	19.15	19.98	0.0995
15+10	1	0	1	49		13.38	13.63	13.45		
15+10	1	74	1	0		16.92	17.19	16.94		
10+15	50	0	75	0	QPSK	22.29	22.37	22.14	22.97	0.1982
10+15	1	0	1	74		22.12	22.10	21.91		
10+15	1	49	1	0		13.64	13.76	13.55		
10+15	1	0	0	0		22.16	22.31	22.06		
10+15	50	0	75	0	16-QAM	21.28	21.39	21.17	22.07	0.1611
10+15	1	0	1	74		21.47	21.44	21.03		
10+15	1	49	1	0		13.66	13.76	13.58		
10+15	1	0	0	0		21.28	21.43	21.18		
10+15	50	0	75	0	64-QAM	21.31	21.41	21.19	22.01	0.1589
10+15	1	0	1	74		13.33	13.45	13.27		
10+15	1	49	1	0		18.85	19.02	18.79		
10+15	50	0	75	0	256-QAM	19.25	19.36	19.18	19.96	0.0991
10+15	1	0	1	74		13.50	13.62	13.43		
10+15	1	49	1	0		17.05	17.24	17.01		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C-PC3_CA Maximum Average Power [dBm] (GT - LC = 0.6 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+15	75	0	75	0	QPSK	22.23	22.36	22.15	22.96	0.1977
15+15	1	0	1	74		22.18	22.20	21.95		
15+15	1	74	1	0		13.71	13.79	13.60		
15+15	1	0	0	0		22.16	22.33	22.10		
15+15	75	0	75	0	16-QAM	21.22	21.35	21.14	22.14	0.1637
15+15	1	0	1	74		21.33	21.32	21.06		
15+15	1	74	1	0		13.67	13.76	13.60		
15+15	1	0	0	0		21.39	21.54	21.26		
15+15	75	0	75	0	64-QAM	21.24	21.38	21.14	21.98	0.1578
15+15	1	0	1	74		13.37	13.48	13.27		
15+15	1	74	1	0		18.78	19.01	18.80		
15+15	75	0	75	0	256-QAM	19.16	19.32	19.11	19.92	0.0982
15+15	1	0	1	74		13.53	13.64	13.45		
15+15	1	74	1	0		16.92	17.18	16.98		
Limit	EIRP < 2W					Result			Pass	



<LTE B66 TX0 ANT2>

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	24.02	24.05	23.97	22.75	0.1884
20	1	49		24.04	24.00	24.00		
20	1	99		24.00	23.98	23.99		
20	50	0		23.12	23.12	23.06		
20	50	24		23.09	22.96	22.99		
20	50	50		23.11	23.04	23.05		
20	100	0		23.04	23.05	23.02		
20	1	0	16-QAM	23.31	23.25	23.23	22.09	0.1618
20	1	49		23.33	23.28	23.31		
20	1	99		23.39	23.33	23.28		
20	1	0	64-QAM	22.22	22.13	22.19	21.02	0.1265
20	1	49		22.25	22.17	22.12		
20	1	99		22.32	22.23	22.19		
20	1	0	256-QAM	19.21	19.11	19.14	17.91	0.0618
20	1	49		19.19	19.19	19.13		
20	1	99		19.18	19.20	19.19		
15	1	0	QPSK	24.18	24.03	24.09	23.02	0.2004
15	1	37		24.17	24.13	24.07		
15	1	74		24.20	24.32	24.18		
15	36	0		23.19	23.13	23.08		
15	36	20		23.12	23.14	23.03		
15	36	39		23.19	23.18	23.05		
15	75	0		23.20	23.18	23.07		
15	1	0	16-QAM	23.55	23.44	23.39	22.28	0.1690
15	1	37		23.39	23.38	23.28		
15	1	74		23.58	23.49	23.46		
15	1	0	64-QAM	22.45	22.30	22.30	21.19	0.1315
15	1	37		22.34	22.32	22.18		
15	1	74		22.49	22.44	22.35		
15	1	0	256-QAM	19.43	19.28	19.32	18.16	0.0655
15	1	37		19.31	19.32	19.10		
15	1	74		19.46	19.40	19.39		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.25	24.21	24.09	22.95	0.1972
10	1	25		24.20	24.21	24.10		
10	1	49		24.24	24.24	24.17		
10	25	0		23.26	23.21	23.11		
10	25	12		23.18	23.14	23.10		
10	25	25		23.25	23.23	23.16		
10	50	0		23.22	23.20	23.09		
10	1	0	16-QAM	23.61	23.46	23.47	22.31	0.1702
10	1	25		23.33	23.29	23.21		
10	1	49		23.57	23.58	23.46		
10	1	0	64-QAM	22.47	22.43	22.26	21.18	0.1312
10	1	25		22.26	22.29	22.17		
10	1	49		22.48	22.48	22.36		
10	1	0	256-QAM	19.45	19.37	19.31	18.19	0.0659
10	1	25		19.30	19.23	19.18		
10	1	49		19.49	19.44	19.32		
5	1	0	QPSK	24.25	24.10	24.16	22.95	0.1972
5	1	12		24.19	24.16	24.08		
5	1	24		24.24	24.21	24.11		
5	12	0		23.23	23.15	23.13		
5	12	7		23.15	23.12	23.07		
5	12	13		23.18	23.18	23.13		
5	25	0		23.28	23.21	23.16		
5	1	0	16-QAM	23.56	23.46	23.42	22.26	0.1683
5	1	12		23.42	23.41	23.28		
5	1	24		23.52	23.38	23.46		
5	1	0	64-QAM	22.52	22.43	22.26	21.22	0.1324
5	1	12		22.38	22.36	22.26		
5	1	24		22.47	22.42	22.36		
5	1	0	256-QAM	19.44	19.31	19.27	18.14	0.0652
5	1	12		19.36	19.26	19.20		
5	1	24		19.36	19.34	19.27		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.20	24.08	24.06	22.93	0.1963
3	1	8		24.16	24.12	23.97		
3	1	14		24.23	24.18	24.08		
3	8	0		23.24	23.16	23.16		
3	8	4		23.23	23.10	23.11		
3	8	7		23.21	23.17	23.12		
3	15	0		23.24	23.17	23.12		
3	1	0	16-QAM	23.60	23.42	23.32	22.30	0.1698
3	1	8		23.53	23.43	23.36		
3	1	14		23.54	23.47	23.39		
3	1	0	64-QAM	22.43	22.29	22.25	21.13	0.1297
3	1	8		22.34	22.31	22.19		
3	1	14		22.40	22.33	22.27		
3	1	0	256-QAM	19.41	19.26	19.16	18.11	0.0647
3	1	8		19.36	19.30	19.25		
3	1	14		19.38	19.31	19.22		
1.4	1	0	QPSK	24.28	24.22	24.05	22.98	0.1986
1.4	1	3		24.21	24.14	24.05		
1.4	1	5		24.20	24.15	24.08		
1.4	3	0		24.15	24.08	23.99		
1.4	3	1		24.10	24.06	23.95		
1.4	3	3		24.16	24.06	23.99		
1.4	6	0		23.24	23.13	23.13		
1.4	1	0	16-QAM	23.51	23.37	23.32	22.24	0.1675
1.4	1	3		23.38	23.38	23.21		
1.4	1	5		23.54	23.39	23.35		
1.4	1	0	64-QAM	22.41	22.33	22.35	21.15	0.1303
1.4	1	3		22.40	22.28	22.25		
1.4	1	5		22.45	22.36	22.31		
1.4	1	0	256-QAM	19.42	19.29	19.25	18.12	0.0649
1.4	1	3		19.35	19.22	19.20		
1.4	1	5		19.34	19.29	19.21		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -1.3 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	50	0	50	0	QPSK	21.97	21.90	21.94	22.57	0.1807
10+10	1	0	1	49		15.53	15.43	15.43		
10+10	1	49	1	0		23.87	23.84	23.83		
10+10	50	0	50	0	16-QAM	20.96	20.88	20.89	21.68	0.1472
10+10	1	0	1	49		15.59	15.51	15.51		
10+10	1	49	1	0		22.98	22.95	22.92		
10+10	50	0	50	0	64-QAM	20.96	20.90	20.93	19.70	0.0933
10+10	1	0	1	49		15.54	15.48	15.47		
10+10	1	49	1	0		21.00	20.83	20.91		
10+10	50	0	50	0	256-QAM	18.97	18.88	18.94	17.67	0.0585
10+10	1	0	1	49		15.49	15.42	15.39		
10+10	1	49	1	0		18.92	18.81	18.83		
15+5	75	0	25	0	QPSK	21.96	21.89	21.93	22.78	0.1897
15+5	1	0	1	24		15.52	15.44	15.46		
15+5	1	74	1	0		24.08	23.91	23.89		
15+5	75	0	25	0	16-QAM	20.90	20.90	20.92	21.77	0.1503
15+5	1	0	1	24		15.61	15.49	15.44		
15+5	1	74	1	0		23.07	22.95	22.94		
15+5	75	0	25	0	64-QAM	20.90	20.87	20.90	19.68	0.0929
15+5	1	0	1	24		15.56	15.45	15.51		
15+5	1	74	1	0		20.98	20.91	20.94		
15+5	75	0	25	0	256-QAM	18.91	18.89	18.92	17.65	0.0582
15+5	1	0	1	24		15.51	15.41	15.44		
15+5	1	74	1	0		18.95	18.81	18.82		
5+15	25	0	75	0	QPSK	22.00	21.89	21.98	22.72	0.1871
5+15	1	0	1	74		15.55	15.45	15.50		
5+15	1	24	1	0		24.02	23.86	23.93		
5+15	25	0	75	0	16-QAM	20.98	20.91	20.95	21.75	0.1496
5+15	1	0	1	74		15.55	15.50	15.50		
5+15	1	24	1	0		23.05	22.93	23.02		
5+15	25	0	75	0	64-QAM	21.01	20.88	20.96	19.72	0.0938
5+15	1	0	1	74		15.58	15.46	15.53		
5+15	1	24	1	0		21.02	20.95	20.99		
5+15	25	0	75	0	256-QAM	18.98	18.88	18.96	17.68	0.0586
5+15	1	0	1	74		15.51	15.42	15.51		
5+15	1	24	1	0		18.93	18.77	18.94		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -1.3 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+5	50	0	25	0	QPSK	21.96	21.89	21.88	22.63	0.1832
10+5	1	0	1	24		15.56	15.46	15.45		
10+5	1	49	1	0		23.93	23.90	23.84		
10+5	50	0	25	0	16-QAM	20.95	20.90	20.88	21.65	0.1462
10+5	1	0	1	24		15.61	15.52	15.54		
10+5	1	49	1	0		22.95	22.93	22.88		
10+5	50	0	25	0	64-QAM	20.94	20.90	20.87	19.64	0.0920
10+5	1	0	1	24		15.61	15.49	15.51		
10+5	1	49	1	0		20.89	20.93	20.85		
10+5	50	0	25	0	256-QAM	18.95	18.88	18.87	17.65	0.0582
10+5	1	0	1	24		15.52	15.45	15.41		
10+5	1	49	1	0		18.85	18.87	18.82		
5+10	25	0	50	0	QPSK	22.00	21.90	21.89	22.69	0.1858
5+10	1	0	1	49		15.58	15.45	15.45		
5+10	1	24	1	0		23.99	23.86	23.90		
5+10	25	0	50	0	16-QAM	21.01	20.90	20.92	21.77	0.1503
5+10	1	0	1	49		15.64	15.56	15.51		
5+10	1	24	1	0		23.07	22.91	23.00		
5+10	25	0	50	0	64-QAM	20.96	20.90	20.91	19.72	0.0938
5+10	1	0	1	49		15.60	15.47	15.52		
5+10	1	24	1	0		21.02	20.86	20.88		
5+10	25	0	50	0	256-QAM	19.01	18.89	18.91	17.71	0.0590
5+10	1	0	1	49		15.60	15.44	15.45		
5+10	1	24	1	0		18.96	18.84	18.88		
5+5	25	0	25	0	QPSK	22.08	21.98	21.96	22.75	0.1884
5+5	1	0	1	24		16.08	15.96	15.94		
5+5	1	24	1	0		24.05	23.95	23.87		
5+5	25	0	25	0	16-QAM	21.09	20.98	20.96	21.82	0.1521
5+5	1	0	1	24		16.21	15.95	15.98		
5+5	1	24	1	0		23.12	23.02	22.96		
5+5	25	0	25	0	64-QAM	21.07	20.98	20.95	19.77	0.0948
5+5	1	0	1	24		16.10	15.94	15.97		
5+5	1	24	1	0		21.06	20.98	20.90		
5+5	25	0	25	0	256-QAM	19.07	18.97	18.92	17.78	0.0600
5+5	1	0	1	24		16.07	15.93	15.91		
5+5	1	24	1	0		19.08	18.86	18.88		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -1.3 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	21.91	21.93	21.98	22.72	0.1871
20+20	1	0	1	99		15.33	15.42	15.38		
20+20	1	99	1	0		23.91	23.93	24.02		
20+20	100	0	100	0	16-QAM	20.91	20.91	20.95	21.72	0.1486
20+20	1	0	1	99		15.38	15.43	15.44		
20+20	1	99	1	0		23.02	23.01	23.00		
20+20	100	0	100	0	64-QAM	20.90	20.93	20.95	19.73	0.0940
20+20	1	0	1	99		15.38	15.45	15.44		
20+20	1	99	1	0		20.98	21.02	21.03		
20+20	100	0	100	0	256-QAM	18.87	18.90	18.93	17.73	0.0593
20+20	1	0	1	99		15.32	15.39	15.39		
20+20	1	99	1	0		19.03	18.96	19.02		
20+15	100	0	75	0	QPSK	21.86	21.81	21.85	22.57	0.1807
20+15	1	0	1	74		15.36	15.30	15.29		
20+15	1	74	1	0		23.86	23.87	23.85		
20+15	100	0	75	0	16-QAM	20.83	20.85	20.86	21.73	0.1489
20+15	1	0	1	74		15.41	15.33	15.30		
20+15	1	74	1	0		22.99	22.91	23.03		
20+15	100	0	75	0	64-QAM	20.86	20.81	20.84	19.63	0.0918
20+15	1	0	1	74		15.39	15.30	15.26		
20+15	1	74	1	0		20.90	20.89	20.93		
20+15	100	0	75	0	256-QAM	18.85	18.82	18.85	17.66	0.0583
20+15	1	0	1	74		15.33	15.22	15.28		
20+15	1	74	1	0		18.86	18.75	18.96		
15+20	75	0	100	0	QPSK	21.90	21.80	21.86	22.58	0.1811
15+20	1	0	1	99		15.37	15.28	15.30		
15+20	1	74	1	0		23.88	23.78	23.87		
15+20	75	0	100	0	16-QAM	20.87	20.80	20.86	21.77	0.1503
15+20	1	0	1	99		15.39	15.31	15.34		
15+20	1	74	1	0		23.07	22.87	22.84		
15+20	75	0	100	0	64-QAM	20.88	20.78	20.84	19.65	0.0923
15+20	1	0	1	99		15.39	15.33	15.29		
15+20	1	74	1	0		20.95	20.85	20.91		
15+20	75	0	100	0	256-QAM	18.87	18.79	18.85	17.58	0.0573
15+20	1	0	1	99		15.29	15.23	15.22		
15+20	1	74	1	0		18.88	18.78	18.85		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -1.3 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	21.87	21.81	21.90	22.55	0.1799
20+10	1	0	1	49		15.34	15.26	15.36		
20+10	1	99	1	0		23.84	23.83	23.85		
20+10	100	0	50	0	16-QAM	20.86	20.80	20.86	21.66	0.1466
20+10	1	0	1	49		15.40	15.32	15.31		
20+10	1	99	1	0		22.96	22.96	22.94		
20+10	100	0	50	0	64-QAM	20.89	20.82	20.88	19.64	0.0920
20+10	1	0	1	49		15.36	15.29	15.35		
20+10	1	99	1	0		20.94	20.85	20.94		
20+10	100	0	50	0	256-QAM	18.88	18.83	18.90	17.61	0.0577
20+10	1	0	1	49		15.31	15.30	15.32		
20+10	1	99	1	0		18.83	18.84	18.91		
10+20	50	0	100	0	QPSK	21.91	21.83	21.91	22.67	0.1849
10+20	1	0	1	99		15.32	15.27	15.33		
10+20	1	49	1	0		23.97	23.77	23.83		
10+20	50	0	100	0	16-QAM	20.90	20.79	20.90	21.66	0.1466
10+20	1	0	1	99		15.41	15.31	15.39		
10+20	1	49	1	0		22.96	22.78	22.81		
10+20	50	0	100	0	64-QAM	20.91	20.80	20.91	19.76	0.0946
10+20	1	0	1	99		15.37	15.29	15.36		
10+20	1	49	1	0		21.06	20.76	20.86		
10+20	50	0	100	0	256-QAM	18.91	18.82	18.90	17.74	0.0594
10+20	1	0	1	99		15.34	15.23	15.30		
10+20	1	49	1	0		19.04	18.73	18.83		
20+5	100	0	25	0	QPSK	21.94	21.86	21.98	22.69	0.1858
20+5	1	0	1	24		15.39	15.33	15.36		
20+5	1	99	1	0		23.92	23.99	23.95		
20+5	100	0	25	0	16-QAM	20.93	20.87	20.95	21.73	0.1489
20+5	1	0	1	24		15.47	15.33	15.43		
20+5	1	99	1	0		23.01	22.99	23.03		
20+5	100	0	25	0	64-QAM	20.92	20.86	20.94	19.76	0.0946
20+5	1	0	1	24		15.39	15.35	15.41		
20+5	1	99	1	0		20.95	21.00	21.06		
20+5	100	0	25	0	256-QAM	18.91	18.85	18.92	17.70	0.0589
20+5	1	0	1	24		15.34	15.27	15.34		
20+5	1	99	1	0		18.91	19.00	18.90		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -1.3 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	22.02	21.87	22.04	22.66	0.1845
5+20	1	0	1	99		15.40	15.35	15.39		
5+20	1	24	1	0		23.96	23.85	23.95		
5+20	25	0	100	0	16-QAM	21.02	20.87	21.03	21.75	0.1496
5+20	1	0	1	99		15.42	15.32	15.49		
5+20	1	24	1	0		23.05	22.88	23.04		
5+20	25	0	100	0	64-QAM	21.01	20.87	21.04	19.74	0.0942
5+20	1	0	1	99		15.39	15.38	15.38		
5+20	1	24	1	0		21.03	20.90	21.00		
5+20	25	0	100	0	256-QAM	18.99	18.85	19.01	17.71	0.0590
5+20	1	0	1	99		15.37	15.31	15.36		
5+20	1	24	1	0		18.96	18.79	18.94		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -1.3 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	50	0	QPSK	21.97	21.85	21.96	22.69	0.1858
15+10	1	0	1	49		15.39	15.32	15.39		
15+10	1	74	1	0		23.99	23.87	23.89		
15+10	75	0	50	0	16-QAM	20.93	20.85	20.95	21.73	0.1489
15+10	1	0	1	49		15.42	15.44	15.45		
15+10	1	74	1	0		23.03	22.86	22.92		
15+10	75	0	50	0	64-QAM	20.96	20.86	20.97	19.69	0.0931
15+10	1	0	1	49		15.41	15.35	15.39		
15+10	1	74	1	0		20.99	20.81	20.92		
15+10	75	0	50	0	256-QAM	18.95	18.84	18.95	17.65	0.0582
15+10	1	0	1	49		15.35	15.31	15.37		
15+10	1	74	1	0		18.94	18.80	18.85		
10+15	50	0	75	0	QPSK	21.98	21.87	21.99	22.70	0.1862
10+15	1	0	1	74		15.40	15.32	15.39		
10+15	1	49	1	0		24.00	23.85	23.90		
10+15	50	0	75	0	16-QAM	20.96	20.85	20.93	21.75	0.1496
10+15	1	0	1	74		15.46	15.33	15.40		
10+15	1	49	1	0		22.99	22.89	23.05		
10+15	50	0	75	0	64-QAM	20.96	20.90	20.97	19.76	0.0946
10+15	1	0	1	74		15.43	15.36	15.39		
10+15	1	49	1	0		21.06	20.84	21.04		
10+15	50	0	75	0	256-QAM	18.94	18.83	18.95	17.67	0.0585
10+15	1	0	1	74		15.40	15.30	15.35		
10+15	1	49	1	0		18.94	18.77	18.97		
15+15	75	0	75	0	QPSK	21.89	21.84	21.89	22.59	0.1816
15+15	1	0	1	74		15.38	15.33	15.34		
15+15	1	74	1	0		23.89	23.79	23.86		
15+15	75	0	75	0	16-QAM	20.84	20.81	20.88	21.68	0.1472
15+15	1	0	1	74		15.46	15.38	15.36		
15+15	1	74	1	0		22.98	22.89	22.97		
15+15	75	0	75	0	64-QAM	20.92	20.80	20.89	19.67	0.0927
15+15	1	0	1	74		15.40	15.33	15.34		
15+15	1	74	1	0		20.97	20.81	20.97		
15+15	75	0	75	0	256-QAM	18.88	18.82	18.90	17.72	0.0592
15+15	1	0	1	74		15.36	15.23	15.30		
15+15	1	74	1	0		18.99	18.74	19.02		
Limit	EIRP < 1W					Result			Pass	



<LTE B66 TX1 ANT0>

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.74	23.83	23.75	24.33	0.2710
20	1	49		23.82	23.77	23.77		
20	1	99		23.80	23.80	23.77		
20	50	0		22.80	22.80	22.79		
20	50	24		22.80	22.73	22.74		
20	50	50		22.79	22.80	22.80		
20	100	0		22.79	22.80	22.79		
20	1	0	16-QAM	23.04	22.99	23.01	23.59	0.2286
20	1	49		23.07	23.03	23.00		
20	1	99		23.09	23.08	23.02		
20	1	0	64-QAM	21.95	21.93	21.98	22.57	0.1807
20	1	49		21.96	21.96	21.90		
20	1	99		22.07	22.03	21.98		
20	1	0	256-QAM	18.92	18.86	18.94	19.51	0.0893
20	1	49		18.89	18.89	18.84		
20	1	99		18.99	19.00	19.01		
15	1	0	QPSK	23.90	23.82	23.85	24.48	0.2805
15	1	37		23.87	23.90	23.80		
15	1	74		23.94	23.98	23.85		
15	36	0		22.92	22.85	22.84		
15	36	20		22.83	22.85	22.75		
15	36	39		22.93	22.88	22.87		
15	75	0		22.89	22.91	22.84		
15	1	0	16-QAM	23.30	23.12	23.18	23.86	0.2432
15	1	37		23.18	23.11	23.11		
15	1	74		23.36	23.33	23.19		
15	1	0	64-QAM	22.17	22.03	22.08	22.72	0.1871
15	1	37		22.06	22.02	21.92		
15	1	74		22.22	22.11	22.12		
15	1	0	256-QAM	19.10	19.00	19.04	19.70	0.0933
15	1	37		19.00	18.96	18.95		
15	1	74		19.20	19.12	19.04		
Limit	EIRP < 1W			Result				



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.96	23.93	23.89	24.48	0.2805
10	1	25		23.95	23.94	23.84		
10	1	49		23.98	23.94	23.88		
10	25	0		23.01	22.92	22.88		
10	25	12		22.89	22.88	22.81		
10	25	25		22.97	22.98	22.89		
10	50	0		22.91	22.92	22.81		
10	1	0	16-QAM	23.39	23.26	23.17	23.89	0.2449
10	1	25		23.20	23.07	22.97		
10	1	49		23.35	23.22	23.25		
10	1	0	64-QAM	22.18	22.12	21.99	22.70	0.1862
10	1	25		21.97	22.02	21.91		
10	1	49		22.20	22.03	22.08		
10	1	0	256-QAM	19.20	19.12	19.02	19.70	0.0933
10	1	25		19.02	19.02	18.86		
10	1	49		19.20	19.13	19.08		
5	1	0	QPSK	23.98	23.90	23.88	24.48	0.2805
5	1	12		23.93	23.97	23.82		
5	1	24		23.95	23.94	23.90		
5	12	0		22.99	22.90	22.86		
5	12	7		22.88	22.88	22.81		
5	12	13		22.90	22.93	22.89		
5	25	0		23.00	22.96	22.94		
5	1	0	16-QAM	23.30	23.26	23.17	23.80	0.2399
5	1	12		23.13	23.10	23.06		
5	1	24		23.25	23.19	23.19		
5	1	0	64-QAM	22.20	22.11	21.99	22.70	0.1862
5	1	12		22.17	22.06	22.01		
5	1	24		22.10	22.11	22.05		
5	1	0	256-QAM	19.12	19.08	18.99	19.62	0.0916
5	1	12		19.09	19.04	18.98		
5	1	24		19.08	19.05	19.06		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.90	23.82	23.84	24.44	0.2780
3	1	8		23.84	23.82	23.73		
3	1	14		23.93	23.94	23.80		
3	8	0		22.98	22.86	22.90		
3	8	4		22.86	22.85	22.86		
3	8	7		22.93	22.89	22.87		
3	15	0		22.97	22.90	22.85		
3	1	0	16-QAM	23.23	23.13	23.13	23.73	0.2360
3	1	8		23.17	23.19	23.09		
3	1	14		23.23	23.19	23.14		
3	1	0	64-QAM	22.13	22.02	22.03	22.63	0.1832
3	1	8		22.10	22.02	21.94		
3	1	14		22.11	22.05	22.03		
3	1	0	256-QAM	19.11	19.10	18.96	19.61	0.0914
3	1	8		19.03	19.07	18.92		
3	1	14		19.04	19.06	18.94		
1.4	1	0	QPSK	23.93	23.85	23.78	24.43	0.2773
1.4	1	3		23.88	23.87	23.77		
1.4	1	5		23.90	23.90	23.81		
1.4	3	0		23.84	23.82	23.71		
1.4	3	1		23.83	23.78	23.69		
1.4	3	3		23.85	23.82	23.73		
1.4	6	0		22.93	22.84	22.81		
1.4	1	0	16-QAM	23.21	23.06	23.10	23.72	0.2355
1.4	1	3		23.12	23.10	22.98		
1.4	1	5		23.22	23.18	23.07		
1.4	1	0	64-QAM	22.16	22.09	22.06	22.69	0.1858
1.4	1	3		22.10	22.04	22.02		
1.4	1	5		22.19	22.05	22.11		
1.4	1	0	256-QAM	19.11	19.03	18.94	19.61	0.0914
1.4	1	3		19.10	18.97	18.89		
1.4	1	5		19.09	19.00	19.00		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -4.9 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	50	0	50	0	QPSK	21.94	21.96	21.94	19.00	0.0794
10+10	1	0	1	49		15.48	15.45	15.45		
10+10	1	49	1	0		23.87	23.86	23.90		
10+10	50	0	50	0	16-QAM	20.93	20.90	20.92	18.05	0.0638
10+10	1	0	1	49		15.57	15.44	15.42		
10+10	1	49	1	0		22.95	22.84	22.93		
10+10	50	0	50	0	64-QAM	20.94	20.91	20.95	16.05	0.0403
10+10	1	0	1	49		15.52	15.49	15.47		
10+10	1	49	1	0		20.93	20.88	20.92		
10+10	50	0	50	0	256-QAM	18.92	18.88	18.94	14.04	0.0254
10+10	1	0	1	49		15.50	15.40	15.47		
10+10	1	49	1	0		18.82	18.89	18.87		
15+5	75	0	25	0	QPSK	21.92	21.88	21.91	19.10	0.0813
15+5	1	0	1	24		15.50	15.44	15.45		
15+5	1	74	1	0		24.00	23.93	23.93		
15+5	75	0	25	0	16-QAM	20.91	20.89	20.87	18.14	0.0652
15+5	1	0	1	24		15.56	15.45	15.56		
15+5	1	74	1	0		23.04	22.91	22.85		
15+5	75	0	25	0	64-QAM	20.91	20.89	20.91	16.13	0.0410
15+5	1	0	1	24		15.54	15.47	15.52		
15+5	1	74	1	0		21.03	20.92	20.92		
15+5	75	0	25	0	256-QAM	18.90	18.88	18.89	14.05	0.0254
15+5	1	0	1	24		15.46	15.43	15.37		
15+5	1	74	1	0		18.95	18.83	18.80		
5+15	25	0	75	0	QPSK	21.96	21.89	21.95	19.10	0.0813
5+15	1	0	1	74		15.48	15.43	15.48		
5+15	1	24	1	0		24.00	23.88	23.97		
5+15	25	0	75	0	16-QAM	20.96	20.88	20.93	18.14	0.0652
5+15	1	0	1	74		15.54	15.52	15.54		
5+15	1	24	1	0		22.95	22.91	23.04		
5+15	25	0	75	0	64-QAM	20.98	20.86	20.95	16.13	0.0410
5+15	1	0	1	74		15.57	15.43	15.49		
5+15	1	24	1	0		21.03	20.82	20.97		
5+15	25	0	75	0	256-QAM	18.96	18.89	18.96	14.10	0.0257
5+15	1	0	1	74		15.50	15.38	15.41		
5+15	1	24	1	0		19.00	18.85	18.89		
Limit	EIRP < 30dBm					Result			Pass	



LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -4.9 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+5	50	0	25	0	QPSK	21.91	21.87	21.87	19.01	0.0796
10+5	1	0	1	24		15.52	15.47	15.42		
10+5	1	49	1	0		23.91	23.89	23.88		
10+5	50	0	25	0	16-QAM	20.92	20.89	20.87	18.01	0.0632
10+5	1	0	1	24		15.48	15.51	15.49		
10+5	1	49	1	0		22.91	22.87	22.86		
10+5	50	0	25	0	64-QAM	20.90	20.88	20.87	16.04	0.0402
10+5	1	0	1	24		15.54	15.53	15.46		
10+5	1	49	1	0		20.94	20.90	20.82		
10+5	50	0	25	0	256-QAM	18.88	18.82	18.86	13.98	0.0250
10+5	1	0	1	24		15.47	15.44	15.39		
10+5	1	49	1	0		18.81	18.82	18.78		
5+10	25	0	50	0	QPSK	21.93	21.89	21.92	19.07	0.0807
5+10	1	0	1	49		15.53	15.43	15.44		
5+10	1	24	1	0		23.97	23.89	23.87		
5+10	25	0	50	0	16-QAM	20.95	20.88	20.89	18.06	0.0640
5+10	1	0	1	49		15.57	15.49	15.57		
5+10	1	24	1	0		22.96	22.86	22.90		
5+10	25	0	50	0	64-QAM	20.94	20.86	20.93	16.04	0.0402
5+10	1	0	1	49		15.58	15.50	15.45		
5+10	1	24	1	0		20.93	20.88	20.91		
5+10	25	0	50	0	256-QAM	18.93	18.87	18.88	14.03	0.0253
5+10	1	0	1	49		15.48	15.44	15.43		
5+10	1	24	1	0		18.86	18.75	18.82		
5+5	25	0	25	0	QPSK	21.98	21.93	21.91	19.08	0.0809
5+5	1	0	1	24		15.97	15.90	15.94		
5+5	1	24	1	0		23.98	23.96	23.93		
5+5	25	0	25	0	16-QAM	21.01	20.95	20.92	18.10	0.0646
5+5	1	0	1	24		16.05	15.99	15.97		
5+5	1	24	1	0		23.00	22.98	22.98		
5+5	25	0	25	0	64-QAM	20.96	20.94	20.93	16.09	0.0406
5+5	1	0	1	24		16.03	15.94	15.93		
5+5	1	24	1	0		20.99	20.94	20.92		
5+5	25	0	25	0	256-QAM	19.00	18.92	18.93	14.10	0.0257
5+5	1	0	1	24		15.99	15.89	15.95		
5+5	1	24	1	0		18.87	18.93	18.88		
Limit	EIRP < 30dBm					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -4.9 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	21.77	21.75	21.77	18.92	0.0780
20+20	1	0	1	99		15.19	15.20	15.18		
20+20	1	99	1	0		23.82	23.75	23.80		
20+20	100	0	100	0	16-QAM	20.77	20.73	20.76	18.02	0.0634
20+20	1	0	1	99		15.19	15.32	15.27		
20+20	1	99	1	0		22.92	22.76	22.80		
20+20	100	0	100	0	64-QAM	20.75	20.72	20.76	15.96	0.0394
20+20	1	0	1	99		15.22	15.22	15.18		
20+20	1	99	1	0		20.86	20.82	20.78		
20+20	100	0	100	0	256-QAM	18.78	18.72	18.74	13.90	0.0245
20+20	1	0	1	99		15.14	15.14	15.16		
20+20	1	99	1	0		18.80	18.71	18.74		
20+15	100	0	75	0	QPSK	21.80	21.75	21.79	18.98	0.0791
20+15	1	0	1	74		15.24	15.23	15.21		
20+15	1	74	1	0		23.88	23.76	23.75		
20+15	100	0	75	0	16-QAM	20.76	20.72	20.75	18.01	0.0632
20+15	1	0	1	74		15.23	15.29	15.25		
20+15	1	74	1	0		22.90	22.81	22.91		
20+15	100	0	75	0	64-QAM	20.77	20.74	20.74	15.95	0.0394
20+15	1	0	1	74		15.21	15.25	15.25		
20+15	1	74	1	0		20.84	20.76	20.85		
20+15	100	0	75	0	256-QAM	18.78	18.70	18.76	13.91	0.0246
20+15	1	0	1	74		15.20	15.15	15.16		
20+15	1	74	1	0		18.81	18.69	18.79		
15+20	75	0	100	0	QPSK	21.83	21.76	21.81	18.93	0.0782
15+20	1	0	1	99		15.26	15.20	15.21		
15+20	1	74	1	0		23.83	23.76	23.81		
15+20	75	0	100	0	16-QAM	20.79	20.72	20.76	18.04	0.0637
15+20	1	0	1	99		15.32	15.30	15.30		
15+20	1	74	1	0		22.94	22.81	22.84		
15+20	75	0	100	0	64-QAM	20.80	20.73	20.76	16.06	0.0404
15+20	1	0	1	99		15.33	15.22	15.24		
15+20	1	74	1	0		20.96	20.76	20.76		
15+20	75	0	100	0	256-QAM	18.80	18.73	18.75	13.96	0.0249
15+20	1	0	1	99		15.15	15.21	15.16		
15+20	1	74	1	0		18.86	18.70	18.78		
Limit	EIRP < 30dBm					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -4.9 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	21.83	21.80	21.83	18.92	0.0780
20+10	1	0	1	49		15.31	15.21	15.26		
20+10	1	99	1	0		23.81	23.82	23.75		
20+10	100	0	50	0	16-QAM	20.85	20.77	20.80	18.00	0.0631
20+10	1	0	1	49		15.30	15.34	15.37		
20+10	1	99	1	0		22.88	22.85	22.90		
20+10	100	0	50	0	64-QAM	20.81	20.75	20.82	15.99	0.0397
20+10	1	0	1	49		15.29	15.25	15.26		
20+10	1	99	1	0		20.89	20.88	20.86		
20+10	100	0	50	0	256-QAM	18.82	18.78	18.81	13.92	0.0247
20+10	1	0	1	49		15.27	15.20	15.28		
20+10	1	99	1	0		18.82	18.73	18.82		
10+20	50	0	100	0	QPSK	21.88	21.85	21.86	18.99	0.0793
10+20	1	0	1	99		15.29	15.28	15.29		
10+20	1	49	1	0		23.89	23.76	23.81		
10+20	50	0	100	0	16-QAM	20.89	20.80	20.85	18.06	0.0640
10+20	1	0	1	99		15.39	15.36	15.41		
10+20	1	49	1	0		22.96	22.83	22.80		
10+20	50	0	100	0	64-QAM	20.86	20.82	20.83	16.03	0.0401
10+20	1	0	1	99		15.31	15.32	15.34		
10+20	1	49	1	0		20.93	20.77	20.81		
10+20	50	0	100	0	256-QAM	18.89	18.80	18.86	13.99	0.0251
10+20	1	0	1	99		15.26	15.19	15.24		
10+20	1	49	1	0		18.88	18.75	18.76		
20+5	100	0	25	0	QPSK	21.88	21.80	21.83	18.98	0.0791
20+5	1	0	1	24		15.28	15.25	15.27		
20+5	1	99	1	0		23.88	23.84	23.81		
20+5	100	0	25	0	16-QAM	20.83	20.79	20.80	18.03	0.0635
20+5	1	0	1	24		15.37	15.25	15.36		
20+5	1	99	1	0		22.87	22.85	22.93		
20+5	100	0	25	0	64-QAM	20.82	20.78	20.80	16.06	0.0404
20+5	1	0	1	24		15.30	15.24	15.29		
20+5	1	99	1	0		20.96	20.85	20.91		
20+5	100	0	25	0	256-QAM	18.84	18.79	18.80	13.94	0.0248
20+5	1	0	1	24		15.28	15.21	15.24		
20+5	1	99	1	0		18.76	18.79	18.81		
Limit	EIRP < 30dBm					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -4.9 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	21.88	21.79	21.92	18.97	0.0789
5+20	1	0	1	99		15.28	15.25	15.25		
5+20	1	24	1	0		23.87	23.74	23.81		
5+20	25	0	100	0	16-QAM	20.85	20.77	20.91	17.94	0.0622
5+20	1	0	1	99		15.33	15.31	15.30		
5+20	1	24	1	0		22.84	22.76	22.83		
5+20	25	0	100	0	64-QAM	20.85	20.77	20.90	16.07	0.0405
5+20	1	0	1	99		15.28	15.24	15.32		
5+20	1	24	1	0		20.97	20.80	20.83		
5+20	25	0	100	0	256-QAM	18.84	18.74	18.87	13.97	0.0249
5+20	1	0	1	99		15.28	15.22	15.22		
5+20	1	24	1	0		18.85	18.67	18.83		
Limit	EIRP < 30dBm					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -4.9 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	50	0	QPSK	21.93	21.85	21.93	19.02	0.0798
15+10	1	0	1	49		15.36	15.32	15.36		
15+10	1	74	1	0		23.92	23.90	23.89		
15+10	75	0	50	0	16-QAM	20.93	20.85	20.92	18.07	0.0641
15+10	1	0	1	49		15.43	15.30	15.35		
15+10	1	74	1	0		22.97	22.81	22.87		
15+10	75	0	50	0	64-QAM	20.94	20.85	20.92	16.09	0.0406
15+10	1	0	1	49		15.43	15.34	15.37		
15+10	1	74	1	0		20.99	20.89	20.96		
15+10	75	0	50	0	256-QAM	18.91	18.84	18.90	14.02	0.0252
15+10	1	0	1	49		15.33	15.30	15.35		
15+10	1	74	1	0		18.92	18.78	18.88		
10+15	50	0	75	0	QPSK	21.93	21.88	21.94	19.05	0.0804
10+15	1	0	1	74		15.40	15.34	15.37		
10+15	1	49	1	0		23.95	23.88	23.88		
10+15	50	0	75	0	16-QAM	20.90	20.86	20.93	18.13	0.0650
10+15	1	0	1	74		15.44	15.40	15.46		
10+15	1	49	1	0		23.03	22.86	23.01		
10+15	50	0	75	0	64-QAM	20.91	20.89	20.93	16.08	0.0406
10+15	1	0	1	74		15.41	15.35	15.37		
10+15	1	49	1	0		20.98	20.83	20.97		
10+15	50	0	75	0	256-QAM	18.92	18.84	18.91	14.03	0.0253
10+15	1	0	1	74		15.33	15.32	15.34		
10+15	1	49	1	0		18.88	18.85	18.93		
15+15	75	0	75	0	QPSK	21.83	21.77	21.82	18.92	0.0780
15+15	1	0	1	74		15.27	15.26	15.27		
15+15	1	74	1	0		23.81	23.78	23.82		
15+15	75	0	75	0	16-QAM	20.78	20.74	20.79	18.10	0.0646
15+15	1	0	1	74		15.34	15.26	15.25		
15+15	1	74	1	0		22.93	22.86	23.00		
15+15	75	0	75	0	64-QAM	20.81	20.74	20.81	16.05	0.0403
15+15	1	0	1	74		15.28	15.29	15.25		
15+15	1	74	1	0		20.93	20.84	20.95		
15+15	75	0	75	0	256-QAM	18.80	18.75	18.80	13.95	0.0248
15+15	1	0	1	74		15.22	15.24	15.22		
15+15	1	74	1	0		18.85	18.79	18.82		
Limit	EIRP < 30dBm					Result			Pass	



<LTE B71 TX0 ANT0>

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -2.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	24.66	24.68	24.64	19.73	0.0940
20	1	49		24.58	24.57	24.54		
20	1	99		24.56	24.60	24.55		
20	50	0		23.63	23.64	23.60		
20	50	24		23.54	23.55	23.53		
20	50	50		23.60	23.58	23.56		
20	100	0		23.58	23.62	23.55		
20	1	0	16-QAM	23.93	23.99	23.89	19.04	0.0802
20	1	49		23.94	23.87	23.86		
20	1	99		23.90	23.84	23.80		
20	1	0	64-QAM	22.89	22.84	22.86	17.94	0.0622
20	1	49		22.74	22.77	22.71		
20	1	99		22.85	22.76	22.69		
20	1	0	256-QAM	19.75	19.80	19.78	14.85	0.0305
20	1	49		19.70	19.64	19.58		
20	1	99		19.66	19.59	19.66		
15	1	0	QPSK	24.55	24.59	24.56	19.64	0.0920
15	1	37		24.53	24.48	24.42		
15	1	74		24.46	24.50	24.48		
15	36	0		23.46	23.43	23.46		
15	36	20		23.40	23.36	23.32		
15	36	39		23.40	23.43	23.33		
15	75	0		23.42	23.43	23.30		
15	1	0	16-QAM	23.75	23.81	23.82	18.87	0.0771
15	1	37		23.72	23.73	23.63		
15	1	74		23.65	23.72	23.56		
15	1	0	64-QAM	22.64	22.71	22.72	17.77	0.0598
15	1	37		22.58	22.61	22.52		
15	1	74		22.60	22.58	22.52		
15	1	0	256-QAM	19.60	19.64	19.62	14.69	0.0294
15	1	37		19.52	19.56	19.54		
15	1	74		19.53	19.52	19.44		
Limit	ERP < 3W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = -2.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.57	24.59	24.53	19.64	0.0920
10	1	25		24.46	24.37	24.32		
10	1	49		24.55	24.52	24.50		
10	25	0		23.48	23.51	23.46		
10	25	12		23.42	23.38	23.33		
10	25	25		23.49	23.49	23.38		
10	50	0		23.44	23.43	23.44		
10	1	0	16-QAM	23.78	23.81	23.73	18.89	0.0774
10	1	25		23.72	23.64	23.55		
10	1	49		23.79	23.84	23.59		
10	1	0	64-QAM	22.70	22.73	22.70	17.78	0.0600
10	1	25		22.60	22.47	22.44		
10	1	49		22.66	22.70	22.59		
10	1	0	256-QAM	19.59	19.67	19.61	14.72	0.0296
10	1	25		19.60	19.53	19.54		
10	1	49		19.60	19.60	19.55		
5	1	0	QPSK	24.48	24.53	24.40	19.59	0.0910
5	1	12		24.43	24.44	24.42		
5	1	24		24.54	24.45	24.43		
5	12	0		23.43	23.48	23.38		
5	12	7		23.33	23.34	23.32		
5	12	13		23.44	23.39	23.34		
5	25	0		23.50	23.44	23.42		
5	1	0	16-QAM	23.76	23.73	23.66	18.81	0.0760
5	1	12		23.66	23.60	23.62		
5	1	24		23.73	23.76	23.53		
5	1	0	64-QAM	22.67	22.69	22.57	17.74	0.0594
5	1	12		22.60	22.61	22.59		
5	1	24		22.69	22.62	22.55		
5	1	0	256-QAM	19.58	19.61	19.56	14.66	0.0292
5	1	12		19.54	19.50	19.44		
5	1	24		19.52	19.56	19.47		
Limit	ERP < 3W			Result			Pass	



<LTE B71 TX1 ANT1>

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -5.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	24.18	24.16	24.21	16.82	0.0481
20	1	49		24.06	24.06	24.19		
20	1	99		24.11	24.15	24.27		
20	50	0		23.14	23.21	23.20		
20	50	24		23.07	23.09	23.23		
20	50	50		23.11	23.20	23.29		
20	100	0		23.09	23.22	23.21		
20	1	0	16-QAM	23.49	23.42	23.44	16.09	0.0406
20	1	49		23.31	23.39	23.49		
20	1	99		23.37	23.54	23.47		
20	1	0	64-QAM	22.35	22.35	22.40	15.01	0.0317
20	1	49		22.24	22.24	22.38		
20	1	99		22.34	22.46	22.45		
20	1	0	256-QAM	19.24	19.27	19.36	11.91	0.0155
20	1	49		19.14	19.22	19.32		
20	1	99		19.27	19.33	19.36		
15	1	0	QPSK	24.17	24.20	24.23	16.89	0.0489
15	1	37		24.16	24.20	24.25		
15	1	74		24.10	24.34	24.31		
15	36	0		23.07	23.08	23.22		
15	36	20		23.01	23.08	23.18		
15	36	39		23.01	23.14	23.20		
15	75	0		23.03	23.08	22.93		
15	1	0	16-QAM	23.41	23.46	23.41	16.02	0.0400
15	1	37		23.39	23.33	23.41		
15	1	74		23.34	23.47	23.42		
15	1	0	64-QAM	22.29	22.28	22.44	14.99	0.0316
15	1	37		22.31	22.37	22.37		
15	1	74		22.24	22.43	22.36		
15	1	0	256-QAM	19.22	19.31	19.37	11.92	0.0156
15	1	37		19.22	19.30	19.36		
15	1	74		19.19	19.34	19.32		
Limit	ERP < 3W			Result				



LTE Band 71 Maximum Average Power [dBm] (GT - LC = -5.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.14	24.21	24.41	16.96	0.0497
10	1	25		24.03	24.02	24.22		
10	1	49		24.16	24.24	24.29		
10	25	0		23.11	23.14	23.30		
10	25	12		23.03	23.04	23.20		
10	25	25		23.09	23.16	23.22		
10	50	0		23.07	23.08	23.28		
10	1	0	16-QAM	23.40	23.44	23.62	16.17	0.0414
10	1	25		23.27	23.24	23.46		
10	1	49		23.38	23.43	23.45		
10	1	0	64-QAM	22.24	22.29	22.48	15.03	0.0318
10	1	25		22.26	22.31	22.41		
10	1	49		22.36	22.39	22.34		
10	1	0	256-QAM	19.21	19.30	19.43	11.98	0.0158
10	1	25		19.27	19.26	19.39		
10	1	49		19.28	19.37	19.38		
5	1	0	QPSK	24.08	24.13	24.29	16.84	0.0483
5	1	12		24.08	24.04	24.25		
5	1	24		24.11	24.09	24.26		
5	12	0		23.03	23.07	23.25		
5	12	7		22.98	22.95	23.14		
5	12	13		23.03	23.01	23.16		
5	25	0		23.11	23.06	23.24		
5	1	0	16-QAM	23.32	23.42	23.51	16.06	0.0404
5	1	12		23.17	23.24	23.39		
5	1	24		23.36	23.37	23.43		
5	1	0	64-QAM	22.25	22.37	22.45	15.00	0.0316
5	1	12		22.26	22.28	22.40		
5	1	24		22.29	22.30	22.37		
5	1	0	256-QAM	19.15	19.29	19.40	11.95	0.0157
5	1	12		19.20	19.19	19.35		
5	1	24		19.25	19.24	19.36		
Limit	ERP < 3W			Result			Pass	



3.3 Peak-to-Average Ratio

3.3.1 Description of the PAR Measurement

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

3.3.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.2.6

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



3.4 Occupied Bandwidth

3.4.1 Description of Occupied Bandwidth Measurement

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

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

3.4.2 Test Procedures

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

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



3.5 Conducted Band Edge

3.5.1 Description of Conducted Band Edge Measurement

27.53 (c)

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

27.53 (g)

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

27.53 (h)

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

**27.53(m)(4)**

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

27.53 (a)(4)

For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:

- (i) By a factor of not less than: $43 + 10 \log (P)$ dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than $55 + 10 \log (P)$ dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than $61 + 10 \log (P)$ dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than $67 + 10 \log (P)$ dB on all frequencies between 2328 and 2337 MHz.
- (ii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2300 and 2305 MHz, $55 + 10 \log (P)$ dB on all frequencies between 2296 and 2300 MHz, $61 + 10 \log (P)$ dB on all frequencies between 2292 and 2296 MHz, $67 + 10 \log (P)$ dB on all frequencies between 2288 and 2292 MHz, and $70 + 10 \log (P)$ dB below 2288 MHz.
- (iii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2360 and 2365 MHz, and not less than $70 + 10 \log (P)$ dB above 2365 MHz.



3.5.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

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



3.6 Conducted Spurious Emission

3.6.1 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 30

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 $70 + 10 \log (P)$ dB.

For LTE Band 7, 38, 41

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

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

3.6.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

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

For LTE Band 30

The limit line is derived from $70 + 10\log(P)$ dB below the transmitter power P(Watts)

For LTE Band 7, 38, 41

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



3.7 Frequency Stability

3.7.1 Description of Frequency Stability Measurement

24.235 , 27.54,

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

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.

90.593

Transmitters designed to operate in 769-775 MHz and 799-805 MHz frequency bands must meet the frequency stability requirements in this section.

The frequency stability of mobile, portable and control transmitters operating in the wideband segment must be 1.25 parts per million or better when AFC is locked to a base station.

3.7.2 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.

3.7.3 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.

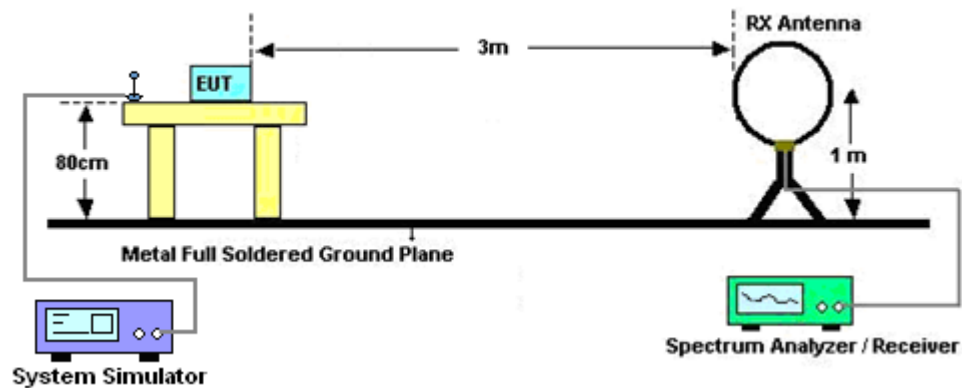
4 Radiated Test Items

4.1 Measuring Instruments

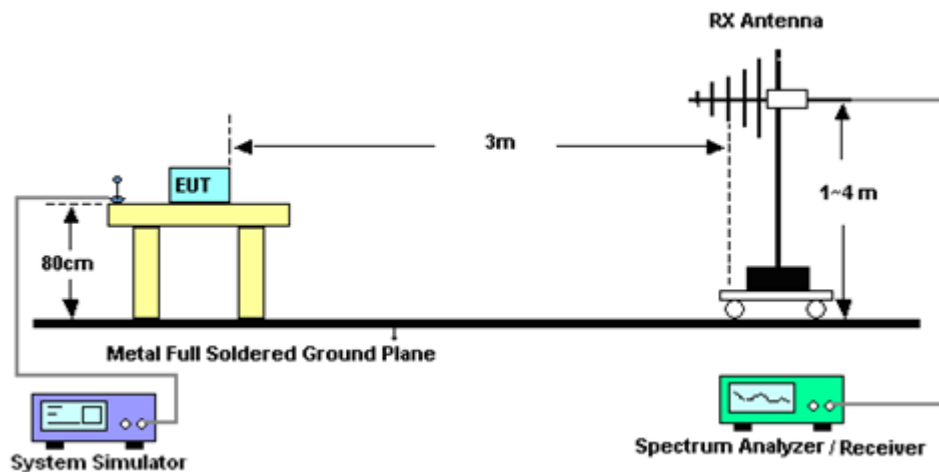
See list of measuring instruments of this test report.

4.1.1 Test Setup

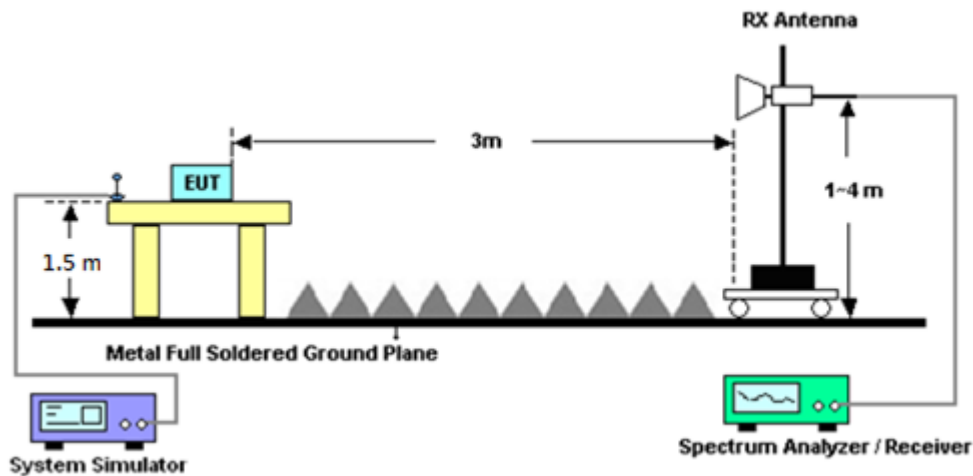
For radiated test below 30MHz



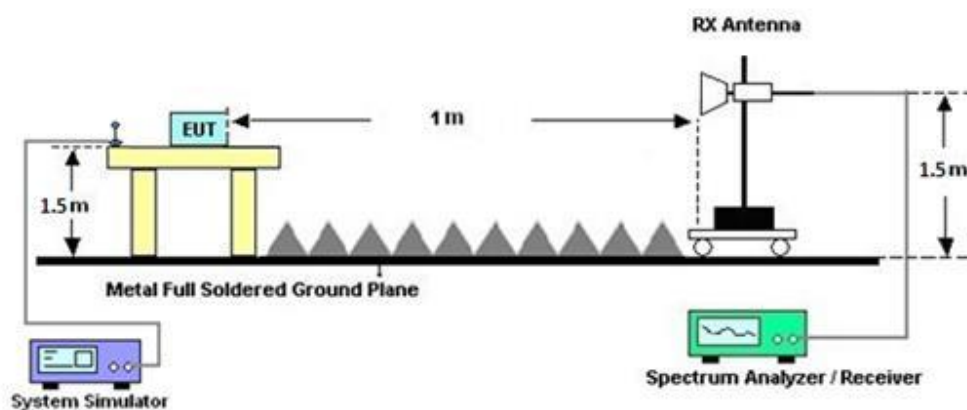
For radiated test from 30MHz to 1GHz



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 7, 38, 41

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

For LTE Band 13

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

For LTE Band 30

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 $70 + 10 \log (P)$ dB.

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.

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.

1. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
2. The table was rotated 360 degrees to determine the position of the highest spurious emission.
3. 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.
4. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
5. To convert spectrum reading E(dBuV/m) to EIRP(dBm)
6. $EIRP(dBm) = Level (dBuV/m) + 20\log(d) - 104.77$, 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. 09, 2025~ Feb. 07, 2026	Apr. 20, 2026	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Mar. 06, 2025	Dec. 09, 2025~ Feb. 07, 2026	Mar. 05, 2026	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 18, 2025	Dec. 09, 2025~ Feb. 07, 2026	Apr. 17, 2026	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Aug. 08, 2025	Dec. 09, 2025~ Feb. 07, 2026	Aug. 07, 2026	Radiation (03CH07-HY)
Signal Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Mar. 28, 2025	Dec. 09, 2025~ Feb. 07, 2026	Mar. 27, 2026	Radiation (03CH07-HY)
Double Ridged Guide Horn Antenna	ETS-Lindgren	3117	00075962	1GHz ~ 18GHz	Dec. 09, 2025	Dec. 09, 2025~ Feb. 07, 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. 09, 2025~ Feb. 07, 2026	Feb. 19, 2026	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4 MY24971/4	9kHz to 30MHz	Feb. 20, 2025	Dec. 09, 2025~ Feb. 07, 2026	Feb. 19, 2026	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/126E	30MHz~18GHz	Sep. 13, 2025	Dec. 09, 2025~ Feb. 07, 2026	Sep. 12, 2026	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Feb. 20, 2025	Dec. 09, 2025~ Feb. 07, 2026	Feb. 19, 2026	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	Apr. 23, 2025	Dec. 09, 2025~ Feb. 07, 2026	Apr. 22, 2026	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Dec. 09, 2025~ Feb. 07, 2026	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	Dec. 09, 2025~ Feb. 07, 2026	N/A	Radiation (03CH07-HY)
Antenna Mast	MF	MF-7802	N/A	Control Turn table	N/A	Dec. 09, 2025~ Feb. 07, 2026	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Dec. 09, 2025~ Feb. 07, 2026	N/A	Radiation (03CH07-HY)
Software	Audix	E3	RK-002396	N/A	N/A	Dec. 09, 2025~ Feb. 07, 2026	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2495	N/A	Feb. 24, 2025	Dec. 09, 2025~ Feb. 07, 2026	Feb. 23, 2026	Radiation (03CH07-HY)
Horn Antenna	SCHWARZBECK	BBHA9170	00991	18GHz-40GHz	May. 29, 2025	Dec. 09, 2025~ Feb. 07, 2026	May. 28, 2026	Radiation (03CH07-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
LOOP Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9 kHz~30 MHz	Dec. 11, 2025	Nov. 18, 2025~ Mar. 11, 2026	Dec. 10, 2026	Radiation (03CH21-HY)
Bilog Antenna	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	63303 & 001	30MHz~1GHz	Dec. 17, 2024	Nov. 18, 2025~ Nov. 25, 2025	Dec. 16, 2025	Radiation (03CH21-HY)
Bilog Antenna	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	63303 & 001	30MHz~1GHz	Nov. 26, 2025	Nov. 26, 2025~ Mar. 11, 2026	Nov. 25, 2026	Radiation (03CH21-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C03A18EN	1GHz~18GHz	Aug. 07, 2025	Nov. 18, 2025~ Mar. 11, 2026	Aug. 06, 2026	Radiation (03CH21-HY)
SHF-EHF Horn Antenna	SCHWARZB ECK	BBHA 9170	1223	18GHz~40GHz	Jul. 02, 2025	Nov. 18, 2025~ Mar. 11, 2026	Jul. 01, 2026	Radiation (03CH21-HY)
Amplifier	SONOMA	310N	421580	30MHz~1GHz	Jul. 13, 2025	Nov. 18, 2025~ Mar. 11, 2026	Jul. 12, 2026	Radiation (03CH21-HY)
Amplifier	EMEC	EM01G18GA	060876	1GHz~18GHz	Sep. 26, 2025	Nov. 18, 2025~ Mar. 11, 2026	Sep. 25, 2026	Radiation (03CH21-HY)
Preamplifier	EMEC	EM18G40G	060873	18GHz~40GHz	Aug. 26, 2025	Nov. 18, 2025~ Mar. 11, 2026	Aug. 25, 2026	Radiation (03CH21-HY)
EXA Signal Analyzer	Keysight	N9010B	MY62170358	10Hz~44GHz	Sep. 09, 2025	Nov. 18, 2025~ Mar. 11, 2026	Sep. 08, 2026	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 05, 2025	Nov. 18, 2025~ Mar. 03, 2026	Mar. 04, 2026	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 04, 2026	Mar. 04, 2026~ Mar. 11, 2026	Mar. 03, 2026	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804397/2,8046 12/2,803954/2	30MHz~40GHz	Aug. 11, 2025	Nov. 18, 2025~ Mar. 11, 2026	Aug. 10, 2026	Radiation (03CH21-HY)
RF Cable	EMCI	EMC101Y-KM- KM-1000	240906	30MHz~40GHz	Oct. 21, 2025	Nov. 18, 2025~ Mar. 11, 2026	Oct. 20, 2026	Radiation (03CH21-HY)
Hygrometer	TECEPEL	DTM-303A	TP211568	N/A	Oct. 21, 2025	Nov. 18, 2025~ Mar. 11, 2026	Oct. 20, 2026	Radiation (03CH21-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Nov. 18, 2025~ Mar. 11, 2026	N/A	Radiation (03CH21-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Nov. 18, 2025~ Mar. 11, 2026	N/A	Radiation (03CH21-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Nov. 18, 2025~ Mar. 11, 2026	N/A	Radiation (03CH21-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Nov. 18, 2025~ Mar. 11, 2026	N/A	Radiation (03CH21-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Radio Communication Analyzer	Anritsu	MT8821C	6262025341	LTE FDD/TDD LTE-2CC ULCA/DLCA	Sep. 16, 2025	Dec. 04, 2025~ Feb. 11, 2026	Sep. 15, 2026	Conducted (TH05-HY)
DC Power Supply	GW Instek	GPE-2323	GET861546	0V~64V ; 0A~6A	Jun. 03, 2025	Dec. 04, 2025~ Feb. 11, 2026	Jun. 02, 2026	Conducted (TH05-HY)
Coupler	MVE	MVE4816	#Z	0.009MHz-18G Hz	Oct. 16, 2025	Dec. 04, 2025~ Feb. 11, 2026	Oct. 15, 2026	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101907	10Hz~40GHz	Aug. 25, 2025	Dec. 04, 2025~ Feb. 11, 2026	Aug. 24, 2026	Conducted (TH05-HY)
Thermal Chamber	ESPEC	SU-241	92003713	-30°C ~95°C	May. 12, 2025	Dec. 04, 2025~ Feb. 22, 2026	May. 11, 2026	Conducted (TH05-HY)
Thermal Chamber	ESPEC	SU-241	92003713	-30°C ~95°C	Feb. 23, 2026	Feb. 23, 2025~ May. 27, 2026	Feb. 22, 2027	Conducted (TH05-HY)
Power divider	Anritsu	K241C	2143398	9KHz~40GHz	Jun. 13, 2025	Dec. 04, 2025~ Feb. 11, 2026	Jun. 12, 2026	Conducted (TH05-HY)
Software	Sporton	LTE Conducted Test Tools	N/A	Conducted Test Item	N/A	Dec. 04, 2025~ Feb. 11, 2026	N/A	Conducted (TH05-HY)
Hygrometer	TECEPEL	DTM-303B	TP200886	-10 ~ 50°C / 20 ~ 95%RH	Mar. 03, 2025	Dec. 04, 2025~ Feb. 11, 2026	Mar. 02, 2026	Conducted (TH05-HY)

6 Measurement Uncertainty

<03CH07-HY>

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
---	--------

<03CH21-HY>

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.4 dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.8 dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.8 dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.3 dB
---	--------



LTE Band 4

Peak-to-Average Ratio

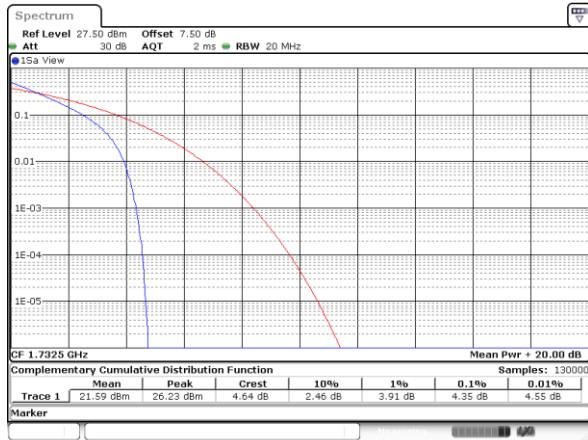
Peak-to-Average Ratio

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	4.35	5.25	6.32	6.78	PASS

Mode	LTE Band 4 / 1.4MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.52	5.36	PASS
Mode	LTE Band 4 / 3MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.41	5.39	PASS
Mode	LTE Band 4 / 5MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.41	5.22	PASS
Mode	LTE Band 4 / 10MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.35	5.22	PASS
Mode	LTE Band 4 / 15MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.49	5.33	PASS

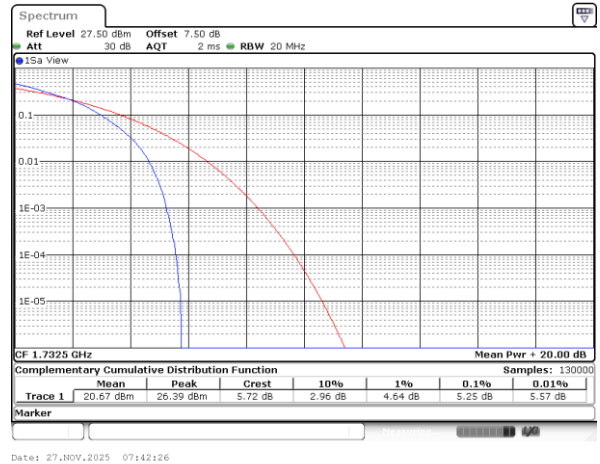
LTE Band 4 / 20MHz / QPSK

Middle Channel / Full RB



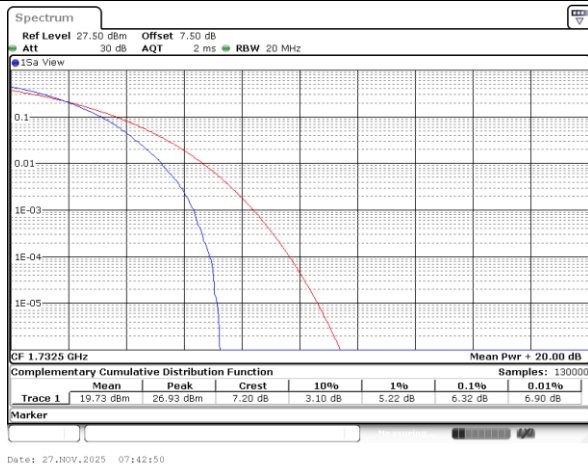
LTE Band 4 / 20MHz / 16QAM

Middle Channel / Full RB



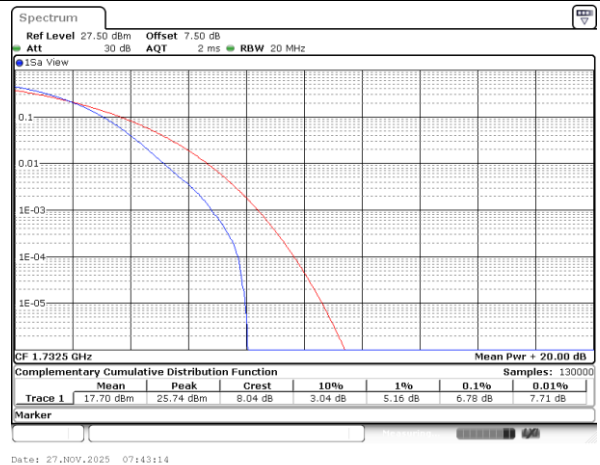
LTE Band 4 / 20MHz / 64QAM

Middle Channel / Full RB



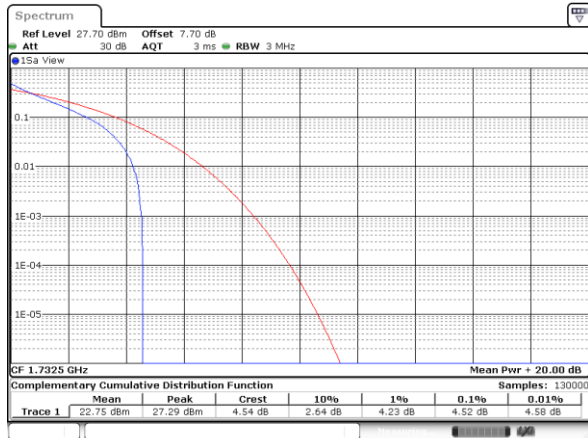
LTE Band 4 / 20MHz / 256QAM

Middle Channel / Full RB



LTE Band 4 / 1.4MHz / QPSK

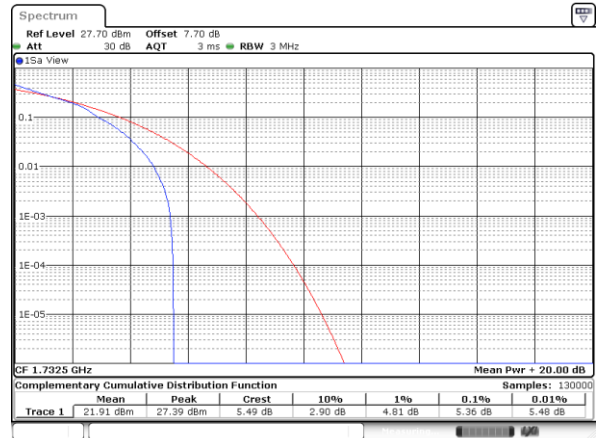
Middle Channel / Full RB



Date: 25.MAY.2026 20:03:09

LTE Band 4 / 1.4MHz / 16QAM

Middle Channel / Full RB

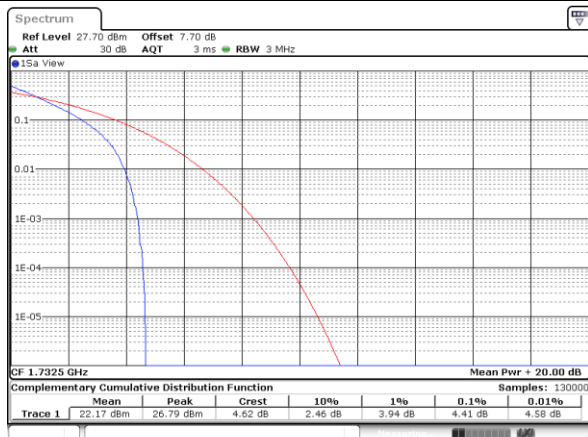


Date: 25.MAY.2026 20:02:36

LTE Band 4

LTE Band 4 / 3MHz / QPSK

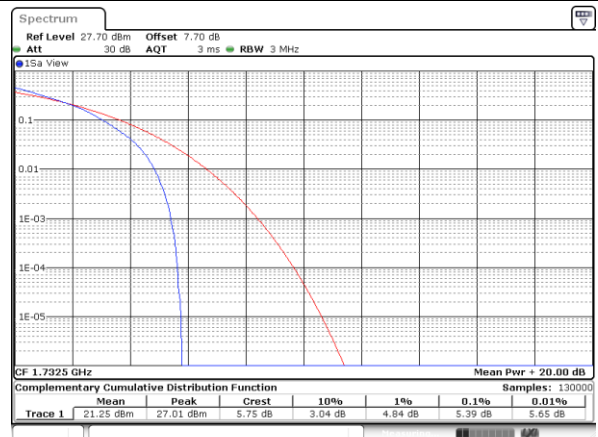
Middle Channel / Full RB



Date: 25.MAY.2026 20:04:18

LTE Band 4 / 3MHz / 16QAM

Middle Channel / Full RB



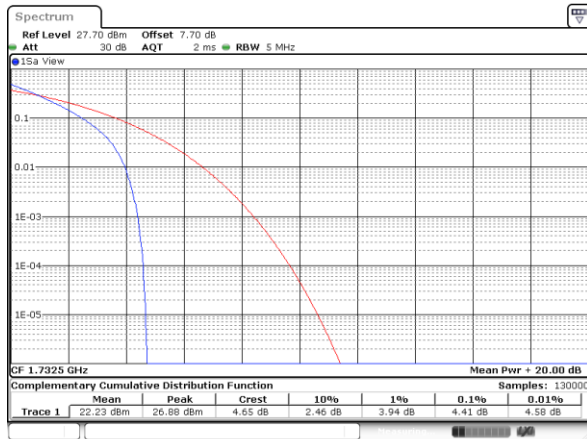
Date: 25.MAY.2026 20:03:44



LTE Band 4

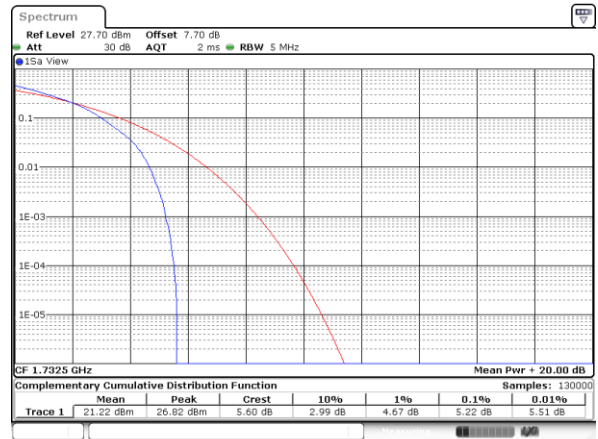
LTE Band 4 / 5MHz / QPSK

Middle Channel / Full RB



LTE Band 4 / 5MHz / 16QAM

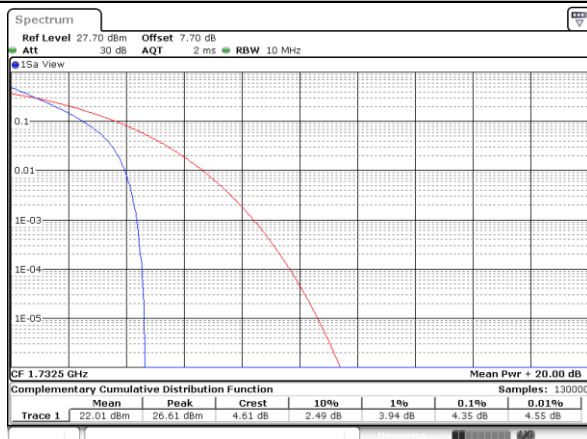
Middle Channel / Full RB



LTE Band 4

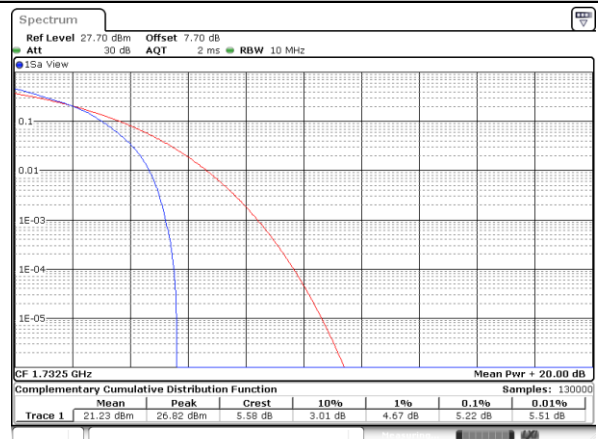
LTE Band 4 / 10MHz / QPSK

Middle Channel / Full RB



LTE Band 4 / 10MHz / 16QAM

Middle Channel / Full RB

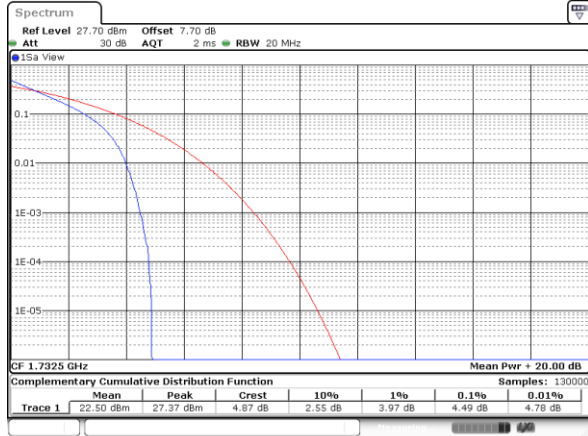




LTE Band 4

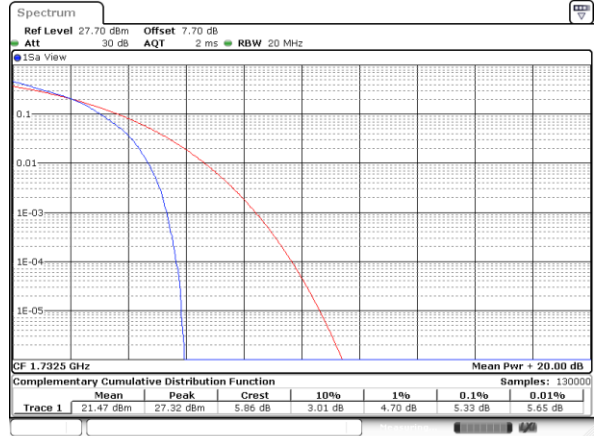
LTE Band 4 / 15MHz / QPSK

Middle Channel / Full RB



LTE Band 4 / 15MHz / 16QAM

Middle Channel / Full RB





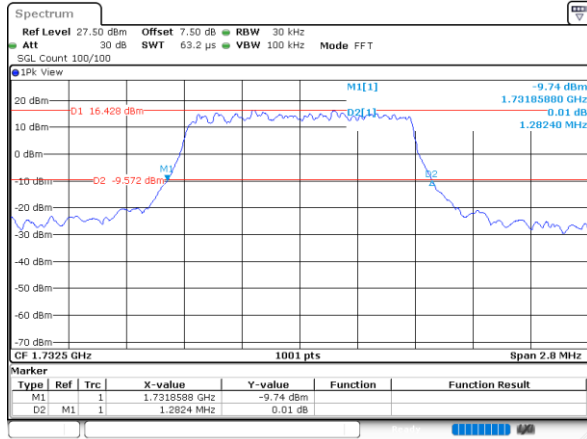
26dB Bandwidth

Mode	LTE Band 4 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.28	1.27	2.97	3.01	4.88	4.89	9.74	9.68	14.46	14.40	19.36	18.72

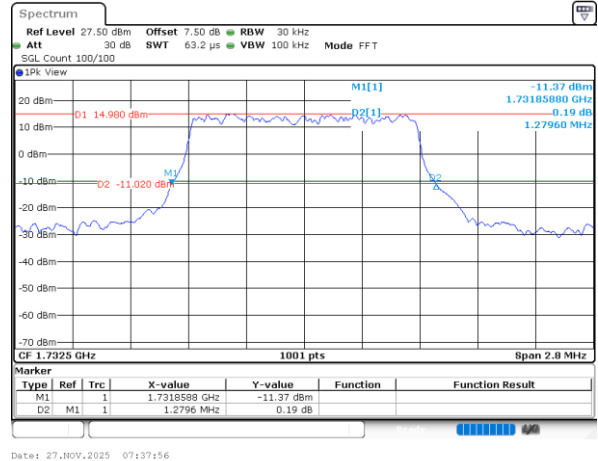


LTE Band 4

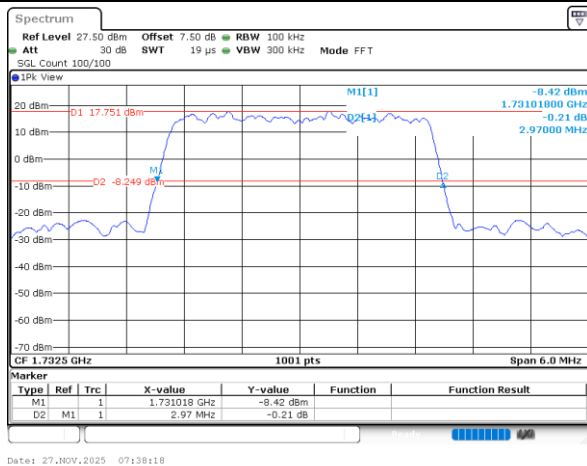
Middle Channel / 1.4MHz / QPSK



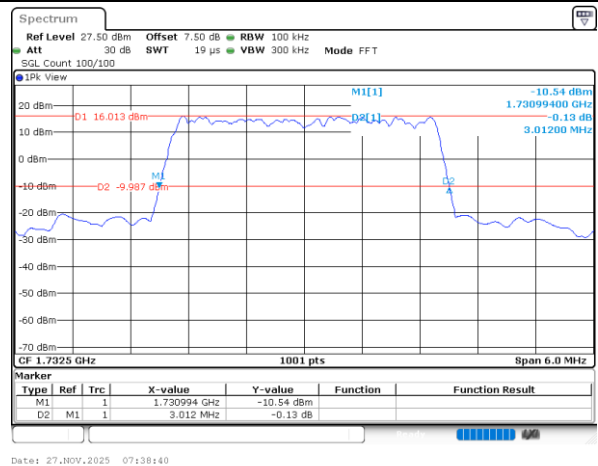
Middle Channel / 1.4MHz / 16QAM



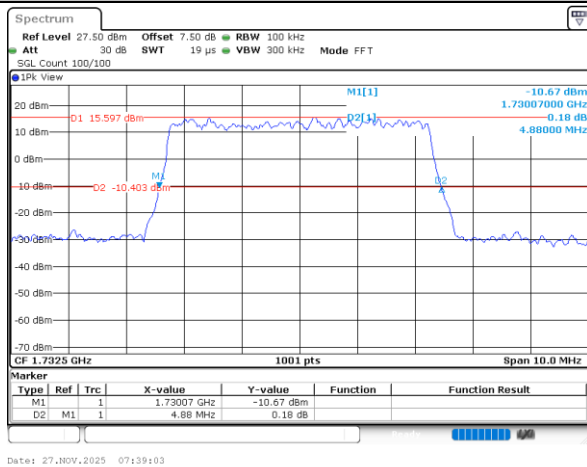
Middle Channel / 3MHz / QPSK



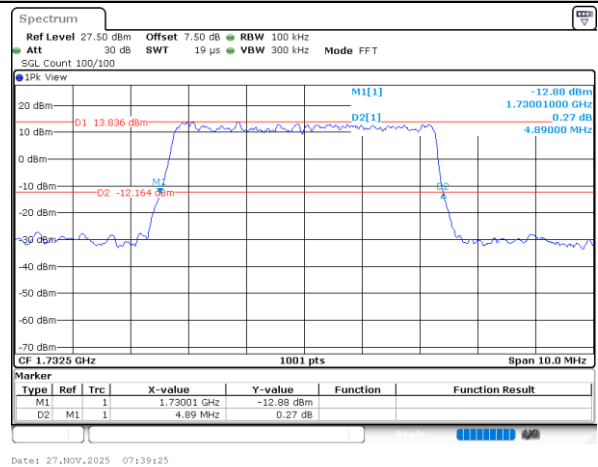
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



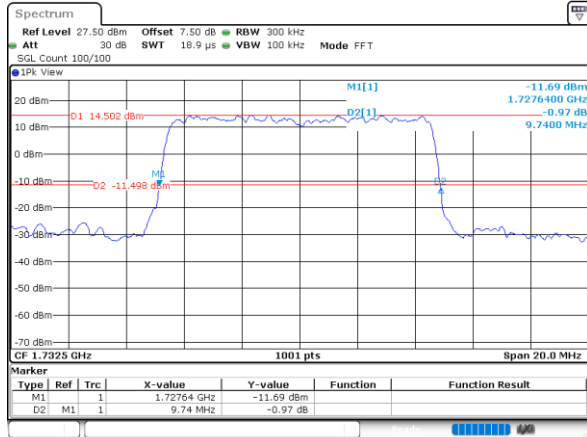
Middle Channel / 5MHz / 16QAM



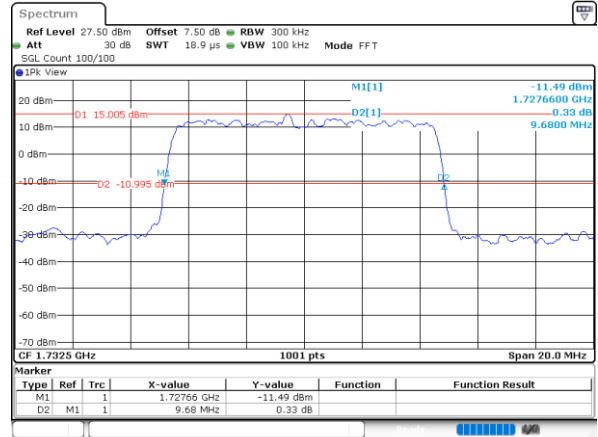


LTE Band 4

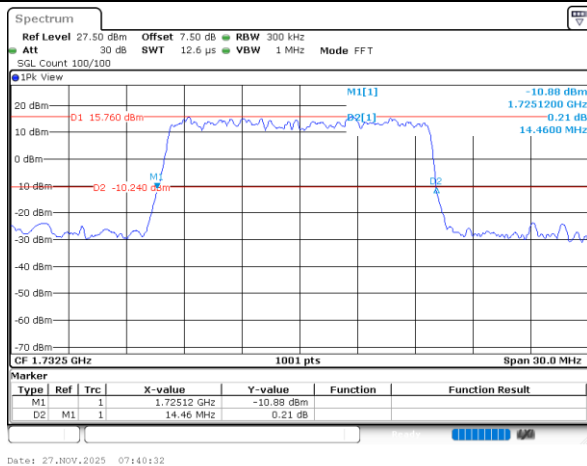
Middle Channel / 10MHz / QPSK



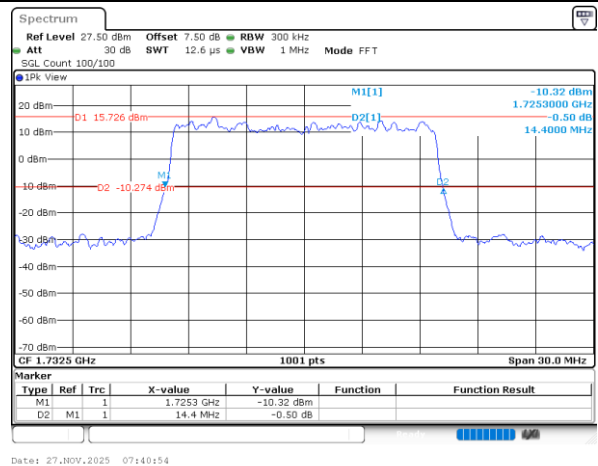
Middle Channel / 10MHz / 16QAM



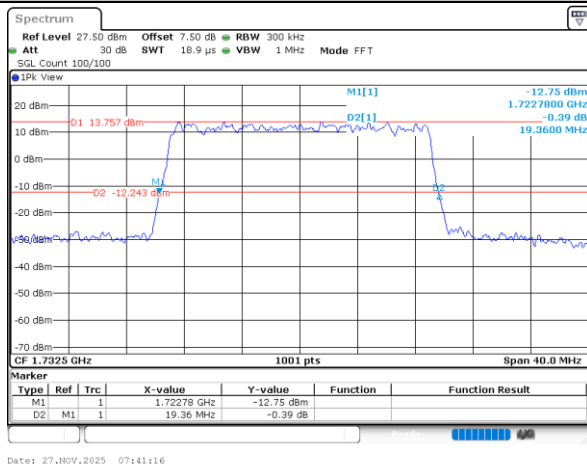
Middle Channel / 15MHz / QPSK



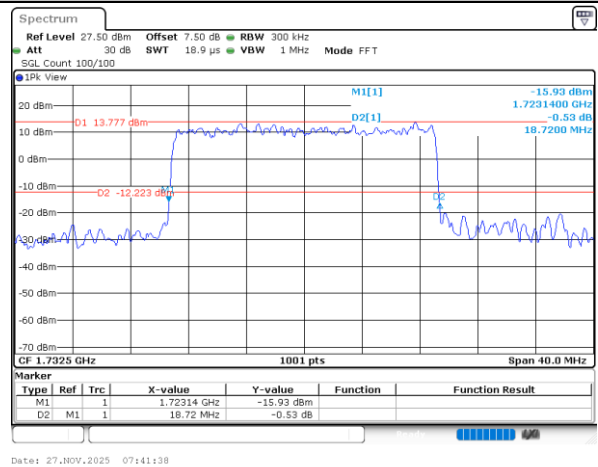
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM



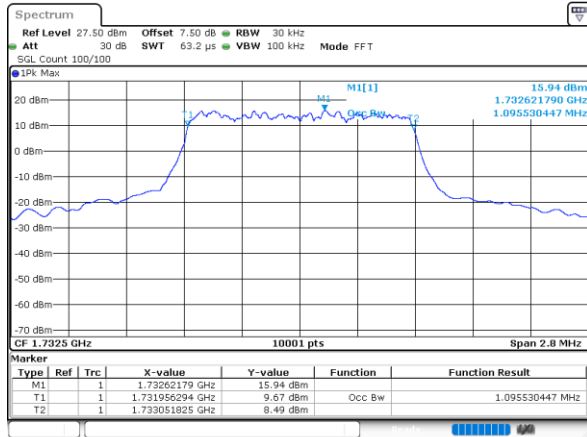
**Occupied Bandwidth**

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	1.09	1.09	2.69	2.71	4.49	4.47	9.09	9.04	13.46	13.38	17.88	17.82

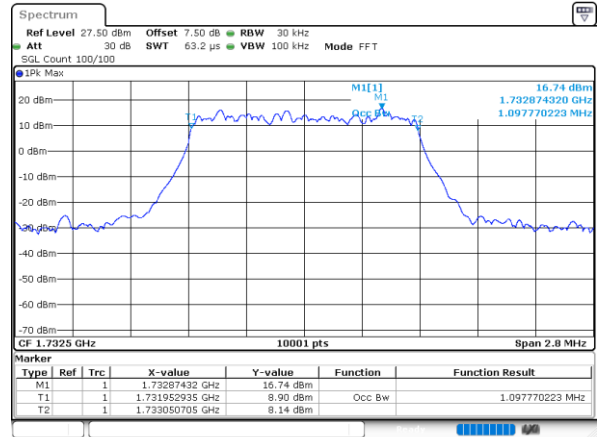


LTE Band 4

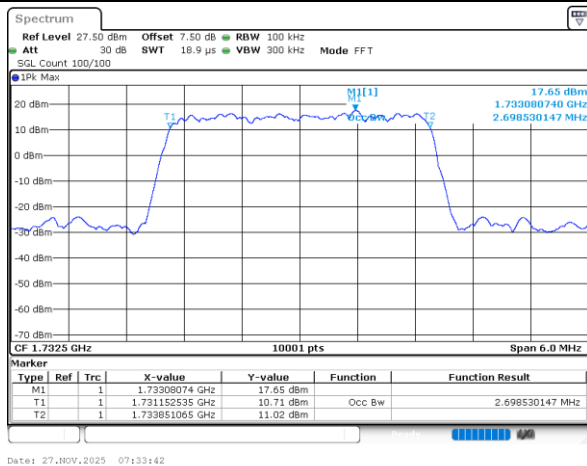
Middle Channel / 1.4MHz / QPSK



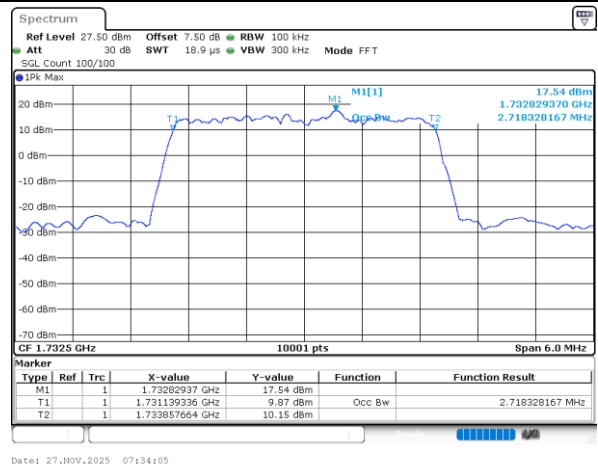
Middle Channel / 1.4MHz / 16QAM



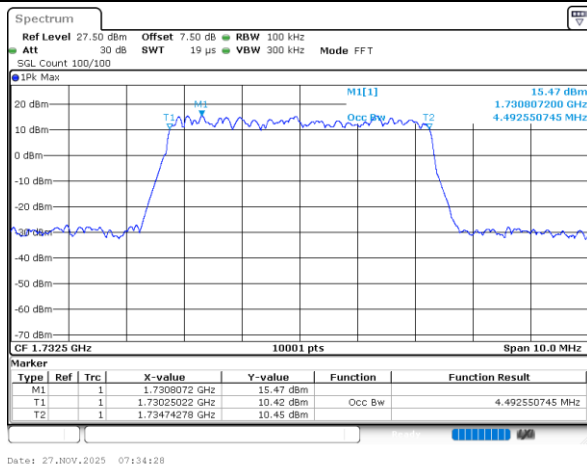
Middle Channel / 3MHz / QPSK



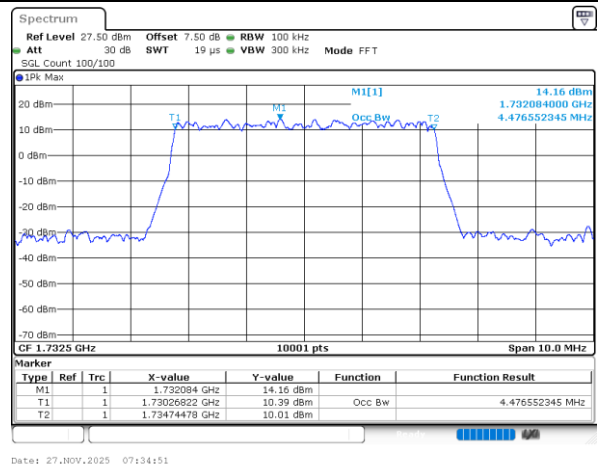
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



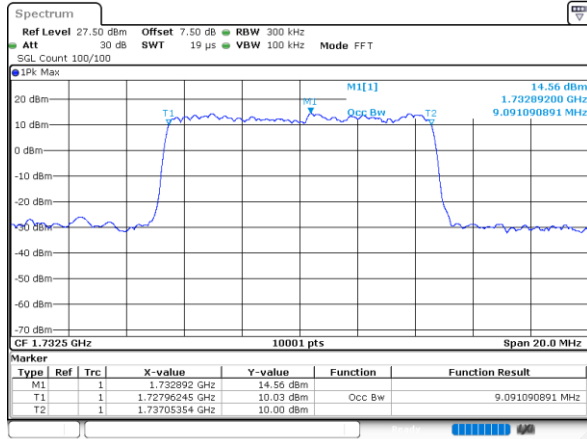
Middle Channel / 5MHz / 16QAM





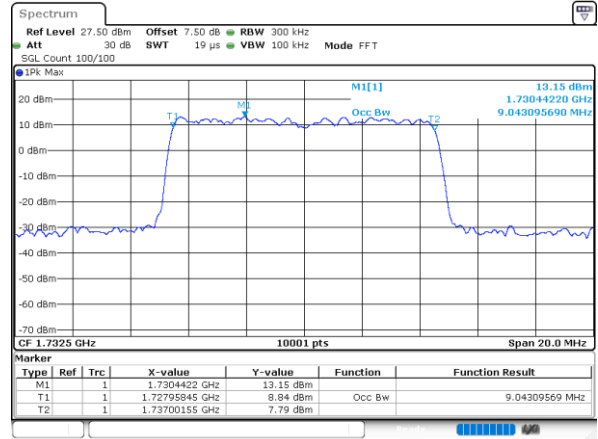
LTE Band 4

Middle Channel / 10MHz / QPSK



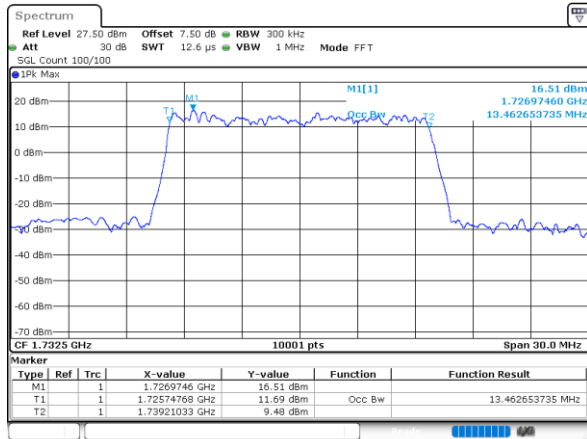
Date: 27.NOV.2025 07:35:15

Middle Channel / 10MHz / 16QAM



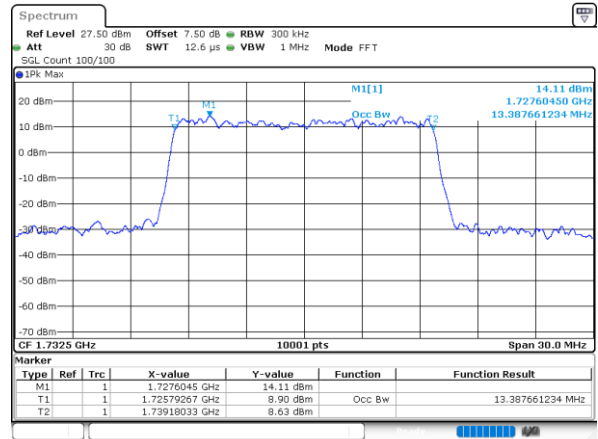
Date: 27.NOV.2025 07:35:38

Middle Channel / 15MHz / QPSK



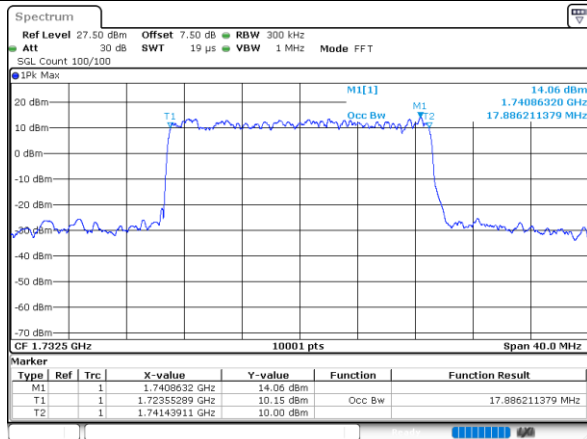
Date: 27.NOV.2025 07:36:01

Middle Channel / 15MHz / 16QAM



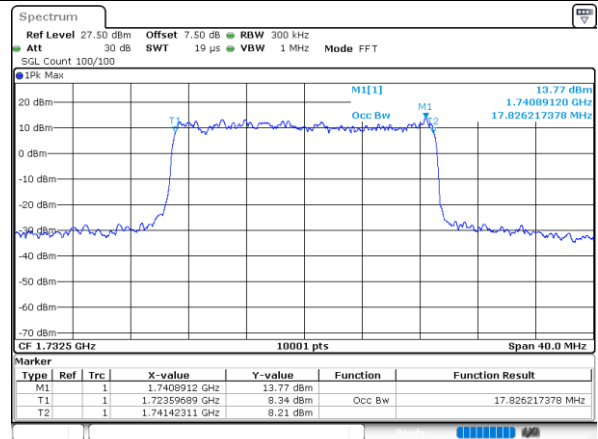
Date: 27.NOV.2025 07:36:24

Middle Channel / 20MHz / QPSK



Date: 27.NOV.2025 07:36:48

Middle Channel / 20MHz / 16QAM



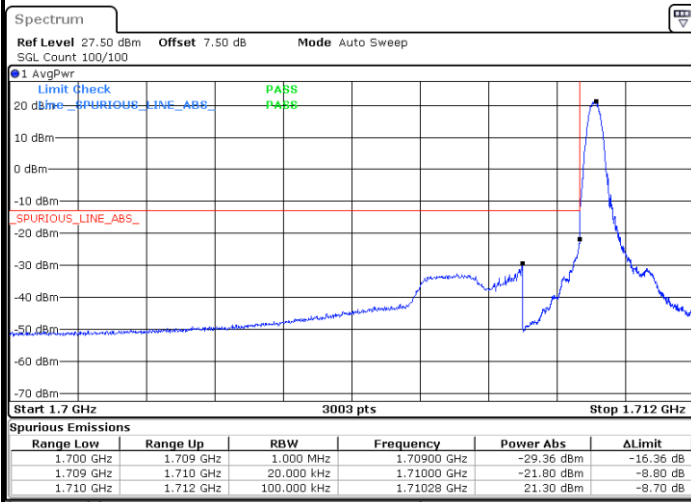
Date: 27.NOV.2025 07:37:11



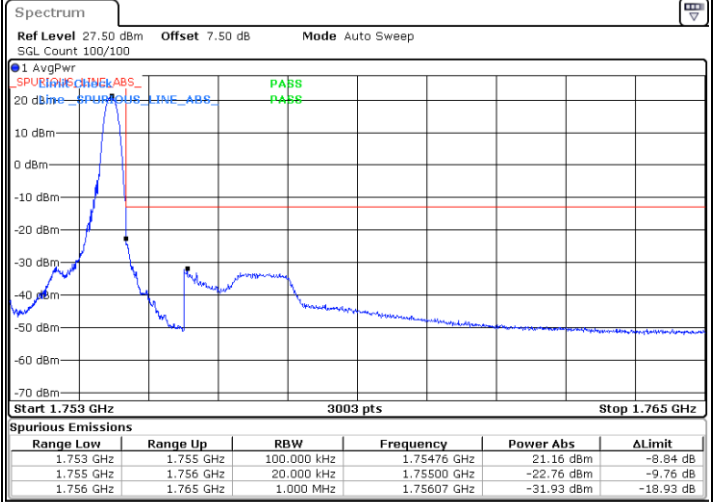
Conducted Band Edge

LTE Band 4 / 1.4MHz / QPSK

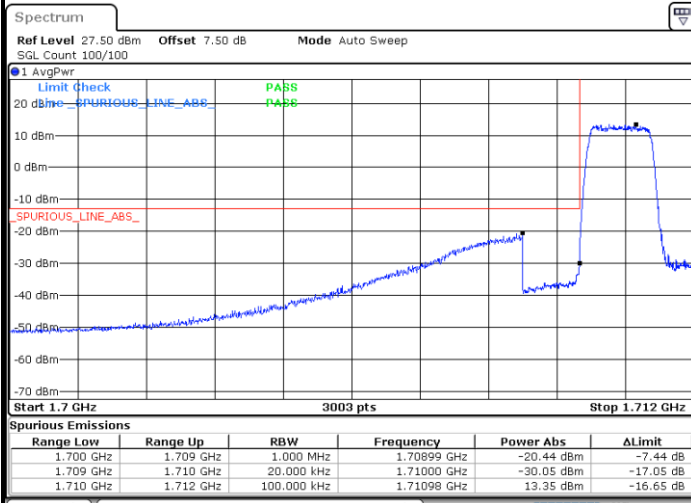
Lowest Band Edge / 1RB



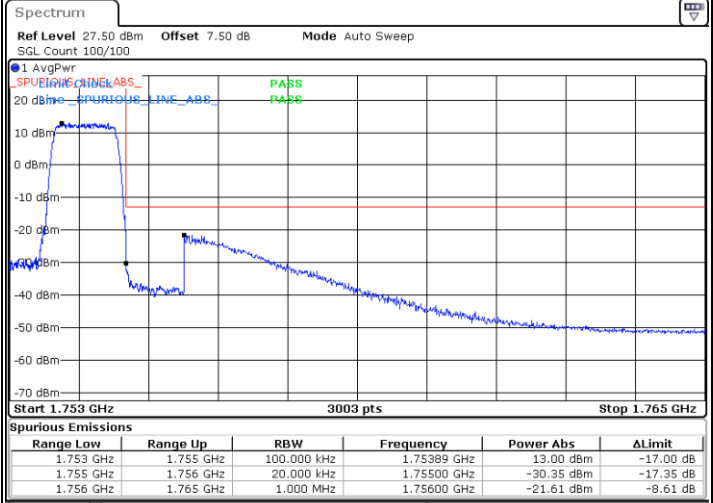
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



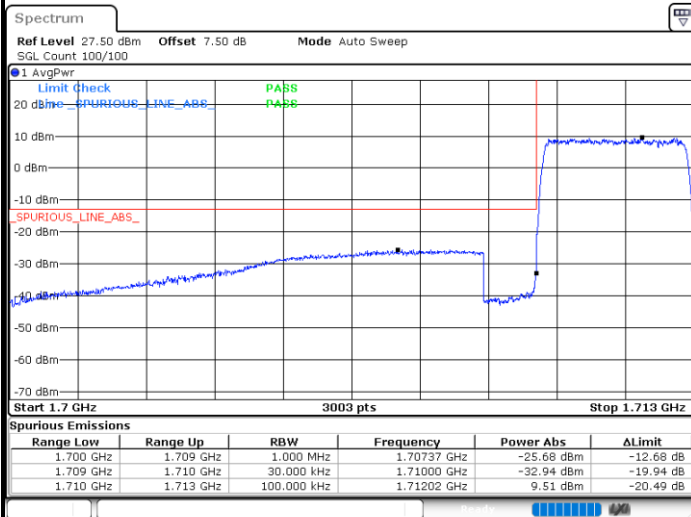
Highest Band Edge / Full RB



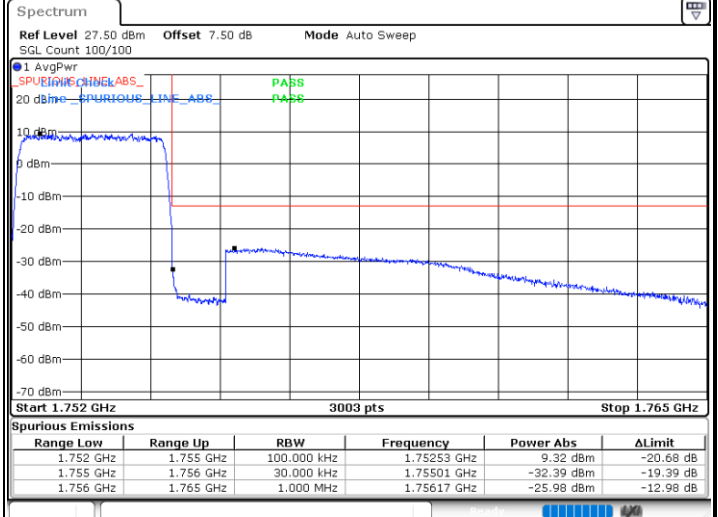


LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / Full RB

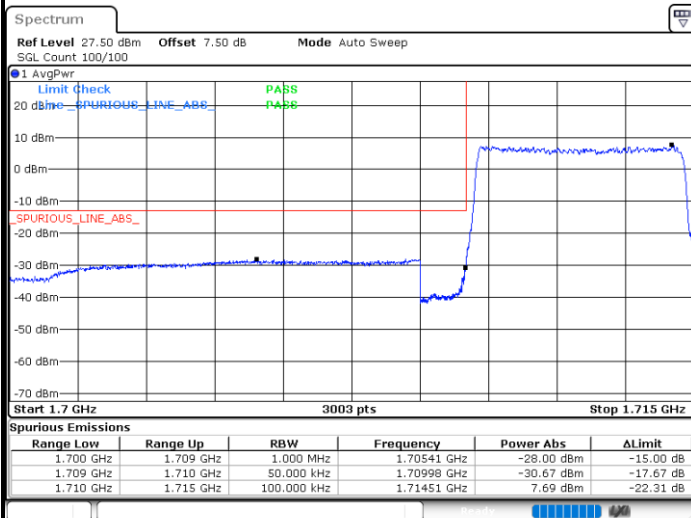


Highest Band Edge / Full RB

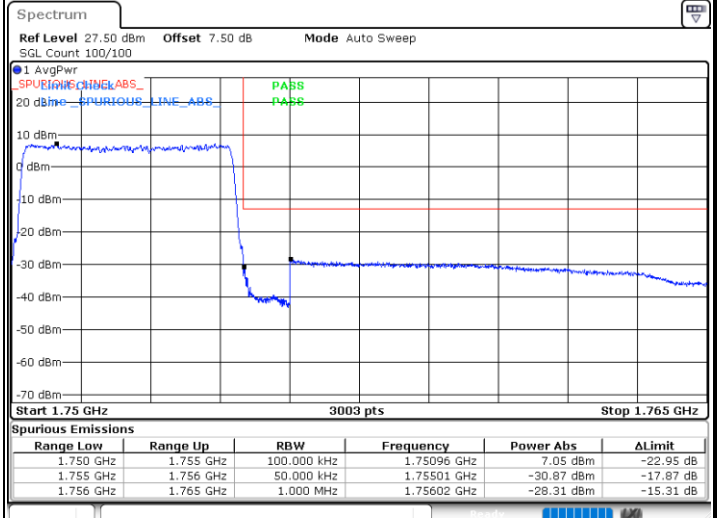


LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / Full RB



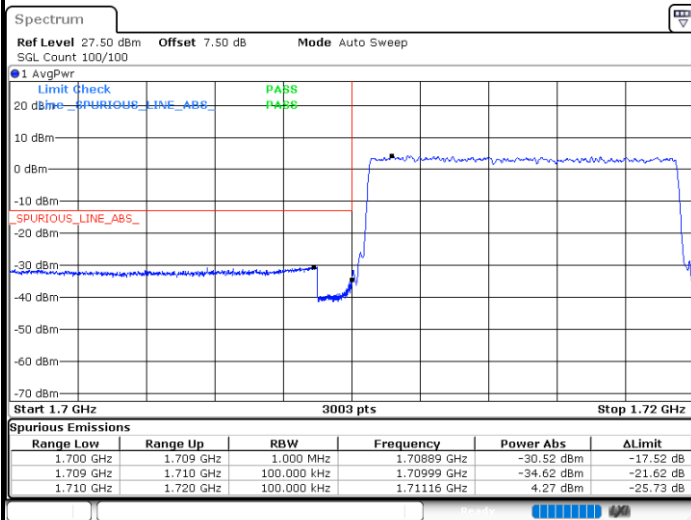
Highest Band Edge / Full RB



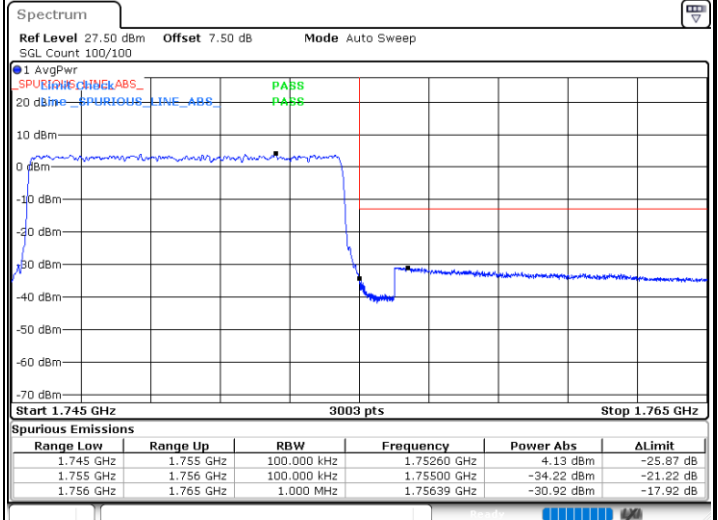


LTE Band 4 / 10MHz / QPSK

Lowest Band Edge / Full RB

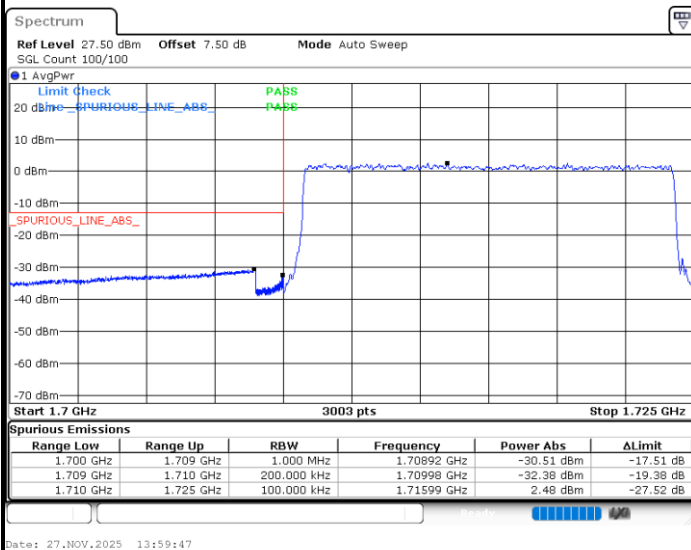


Highest Band Edge / Full RB

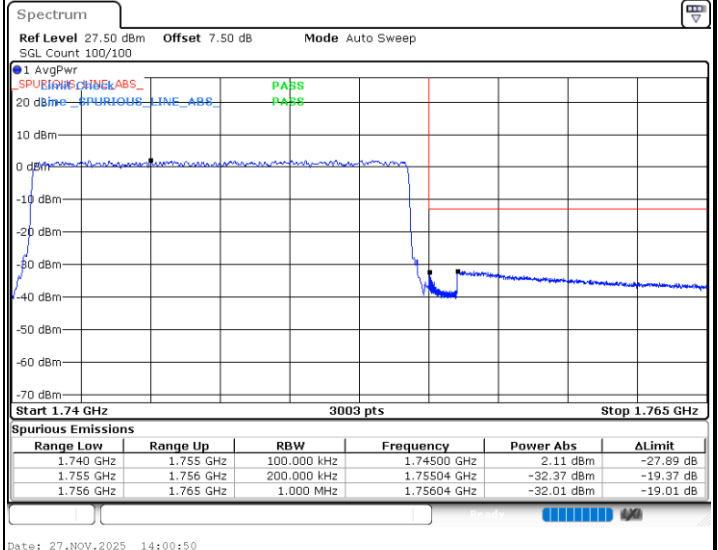


LTE Band 4 / 15MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

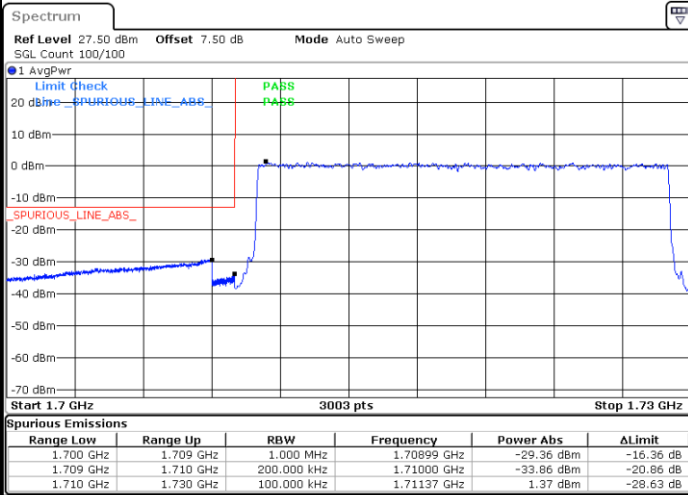




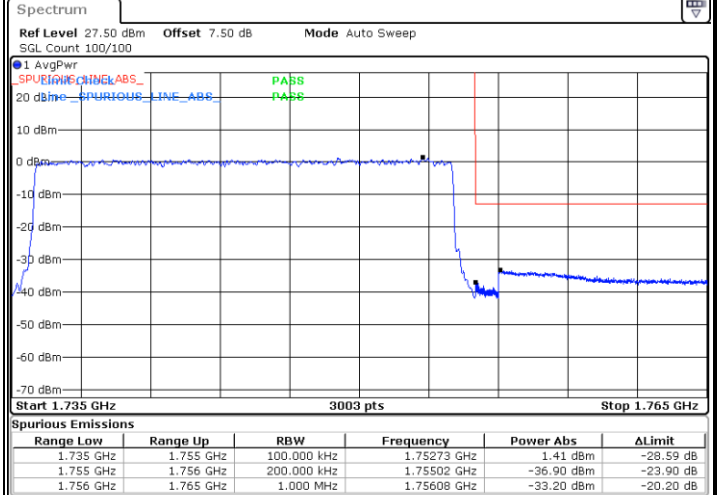
LTE Band 4 / 20MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.NOV.2025 14:01:53



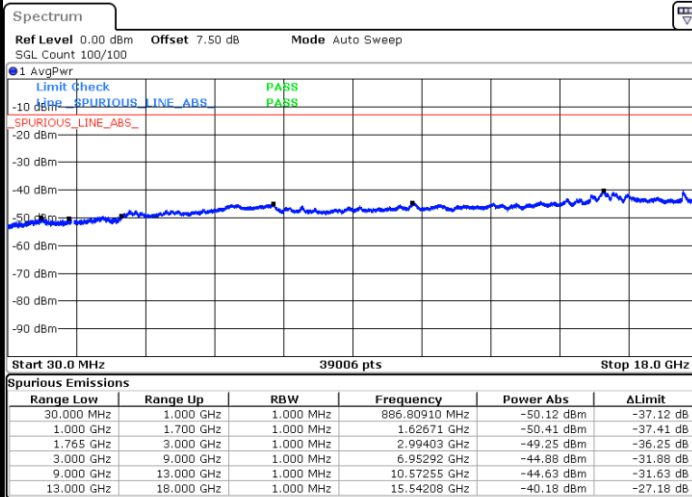
Date: 27.NOV.2025 14:02:55



Conducted Spurious Emission

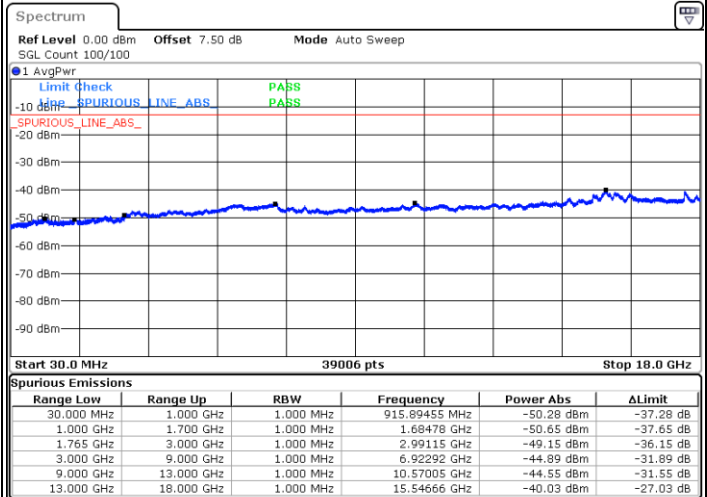
LTE Band 4 / 1.4MHz

Lowest Channel / QPSK



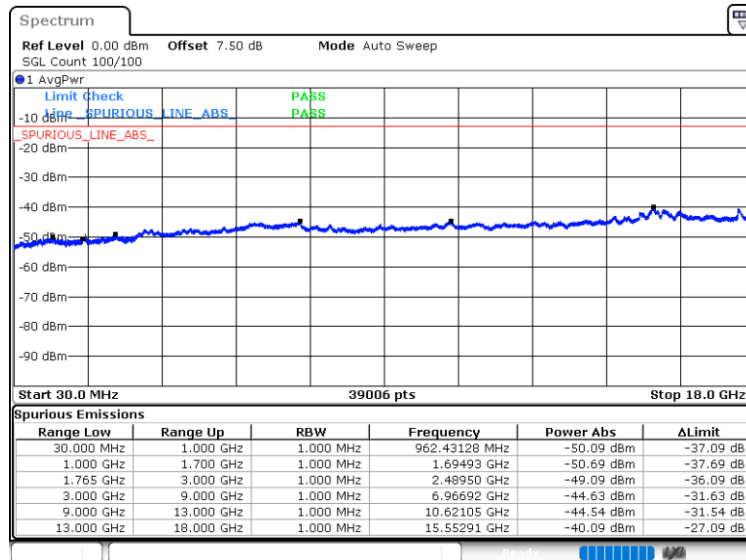
Date: 27.NOV.2025 14:04:08

Middle Channel / QPSK



Date: 27.NOV.2025 14:05:21

Highest Channel / QPSK

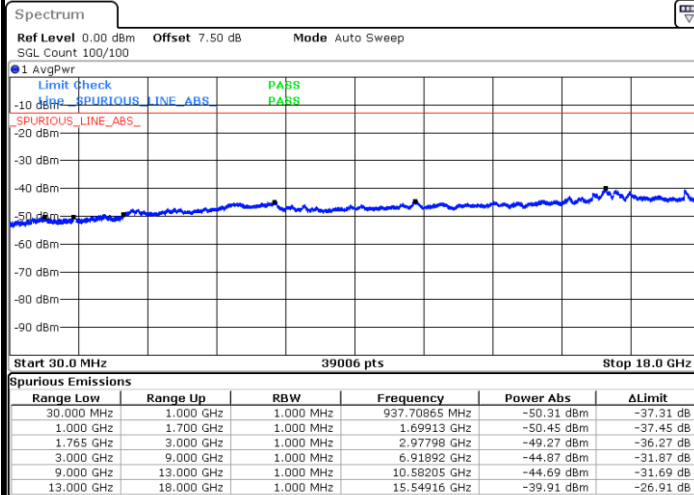


Date: 27.NOV.2025 14:06:33



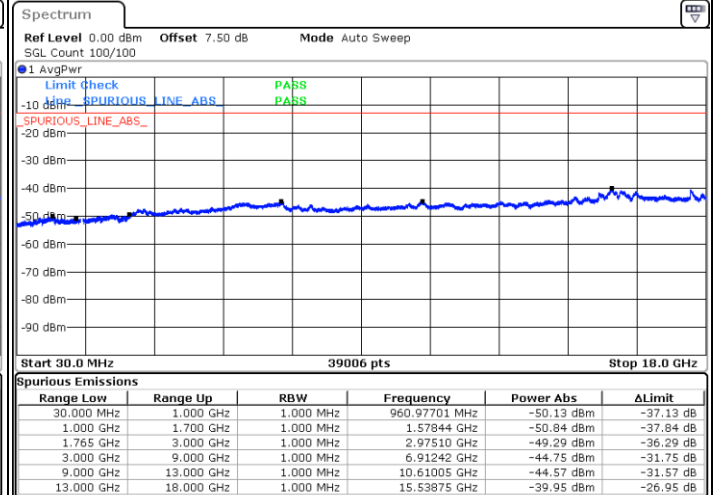
LTE Band 4 / 3MHz

Lowest Channel / QPSK



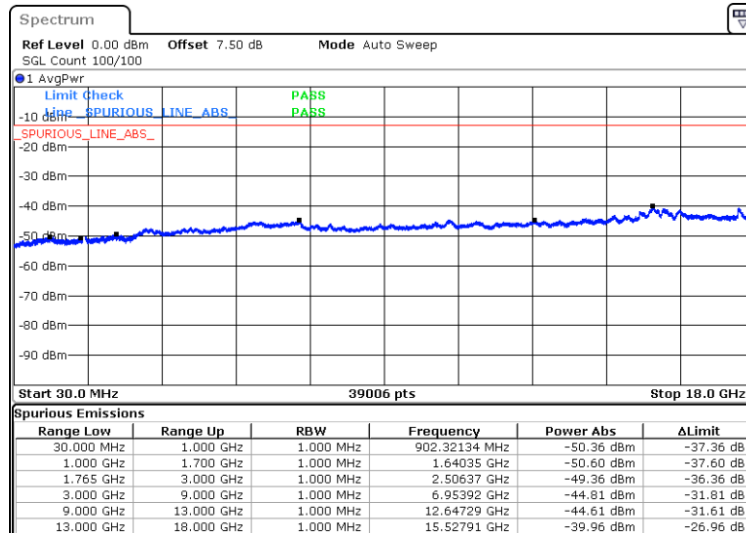
Date: 27.NOV.2025 14:07:46

Middle Channel / QPSK



Date: 27.NOV.2025 14:08:59

Highest Channel / QPSK

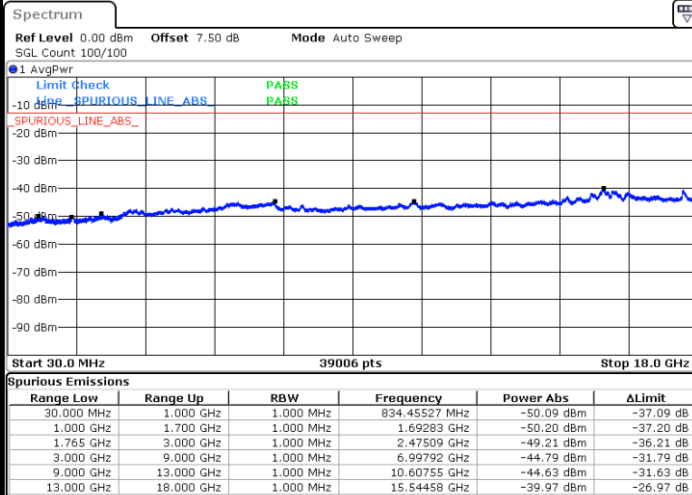


Date: 27.NOV.2025 14:10:11



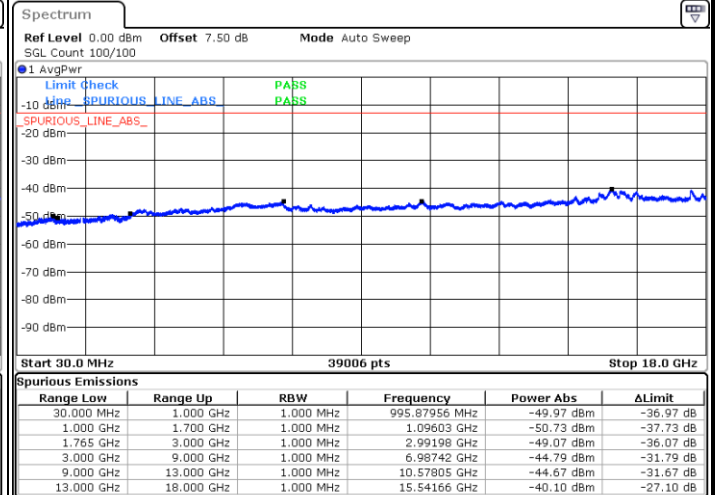
LTE Band 4 / 5MHz

Lowest Channel / QPSK



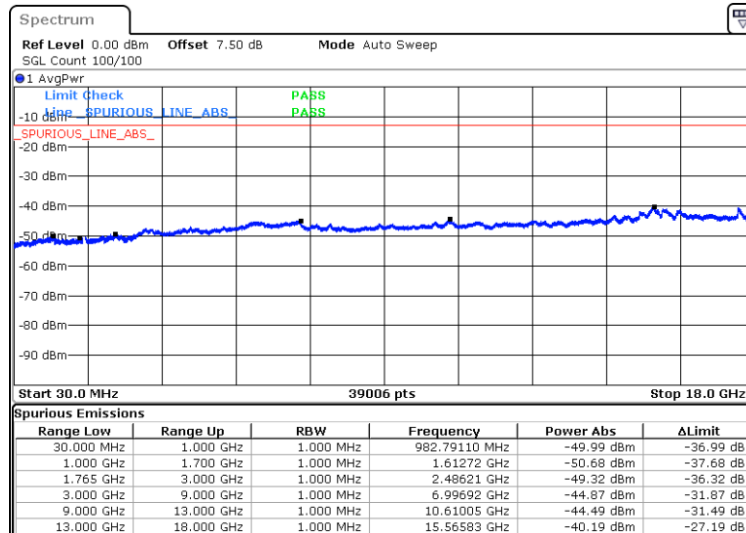
Date: 27.NOV.2025 14:11:25

Middle Channel / QPSK



Date: 27.NOV.2025 14:12:37

Highest Channel / QPSK

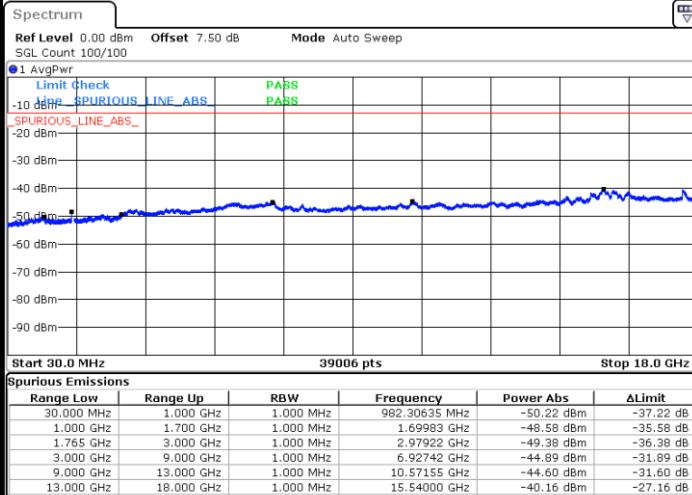


Date: 27.NOV.2025 14:13:50



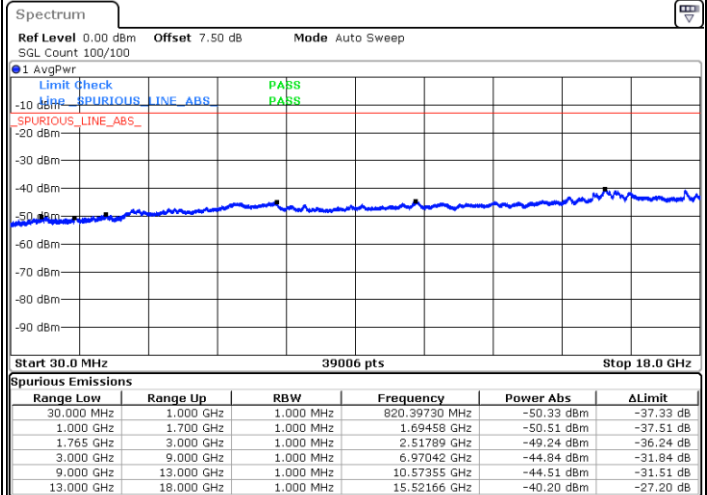
LTE Band 4 / 10MHz

Lowest Channel / QPSK



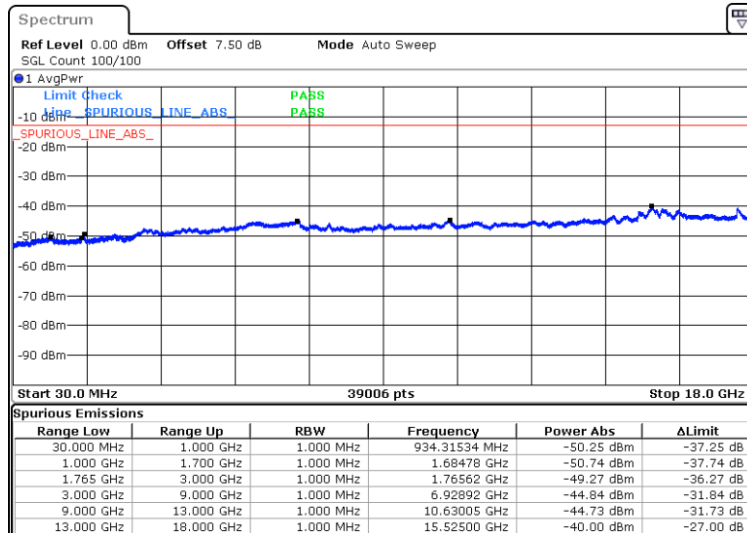
Date: 27.NOV.2025 14:15:03

Middle Channel / QPSK



Date: 27.NOV.2025 14:16:15

Highest Channel / QPSK

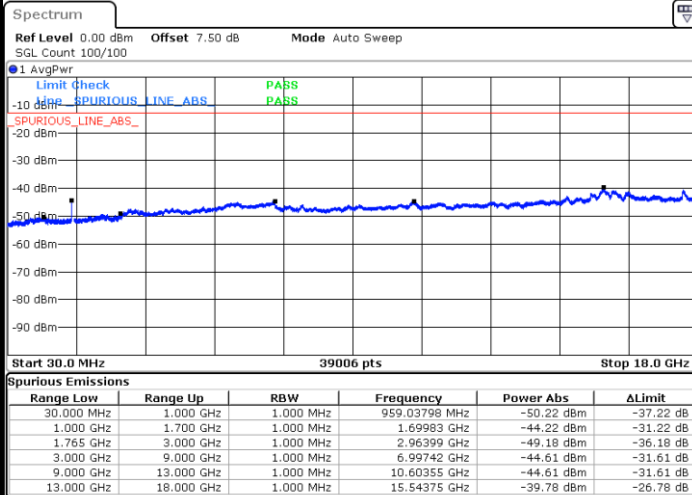


Date: 27.NOV.2025 14:17:28



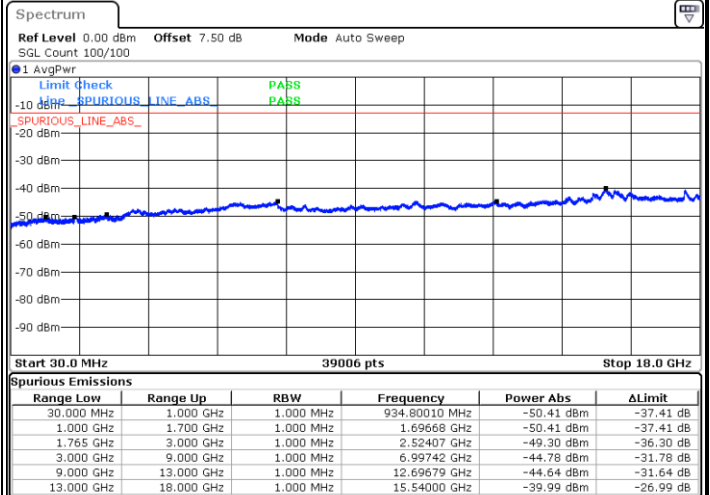
LTE Band 4 / 15MHz

Lowest Channel / QPSK



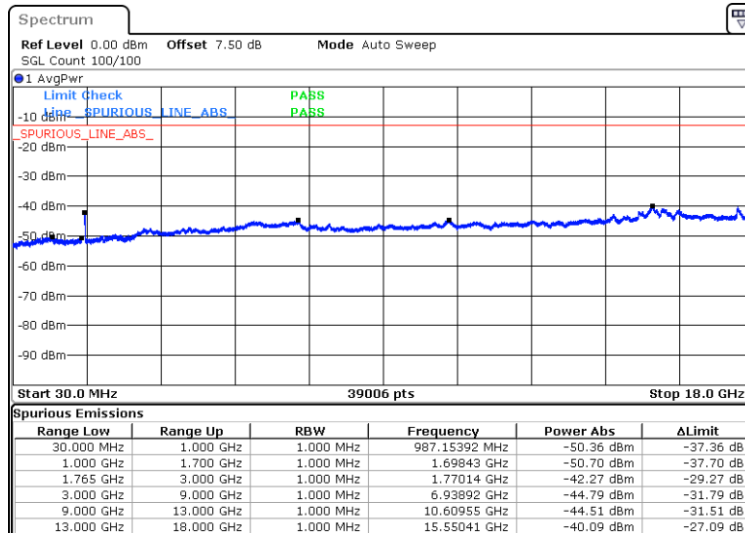
Date: 27.NOV.2025 14:18:41

Middle Channel / QPSK



Date: 27.NOV.2025 14:19:54

Highest Channel / QPSK

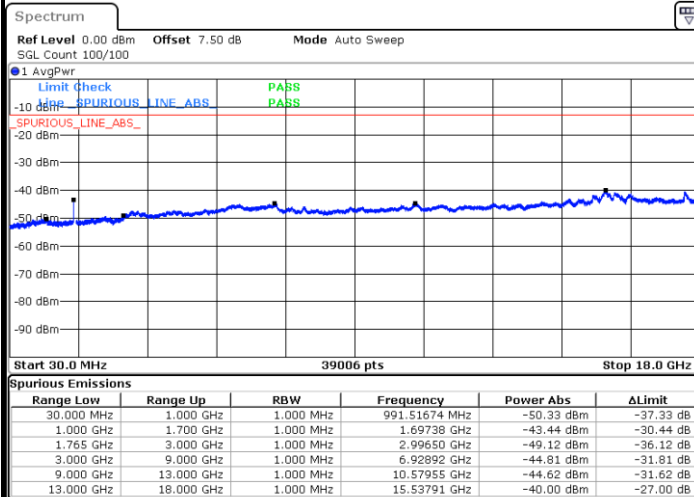


Date: 27.NOV.2025 14:21:06



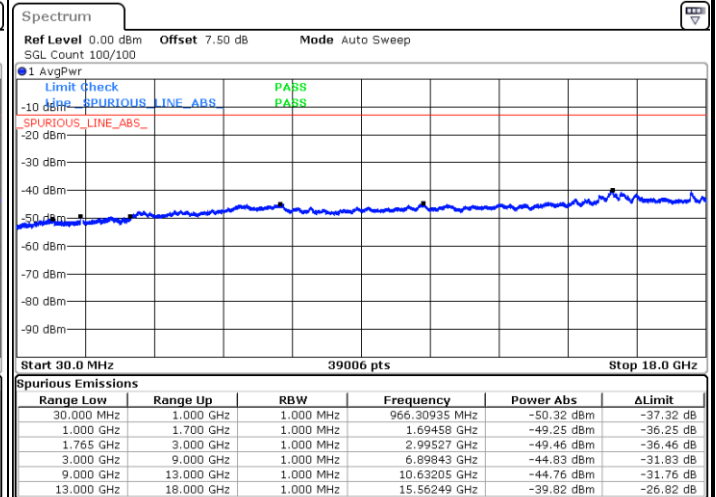
LTE Band 4 / 20MHz

Lowest Channel / QPSK



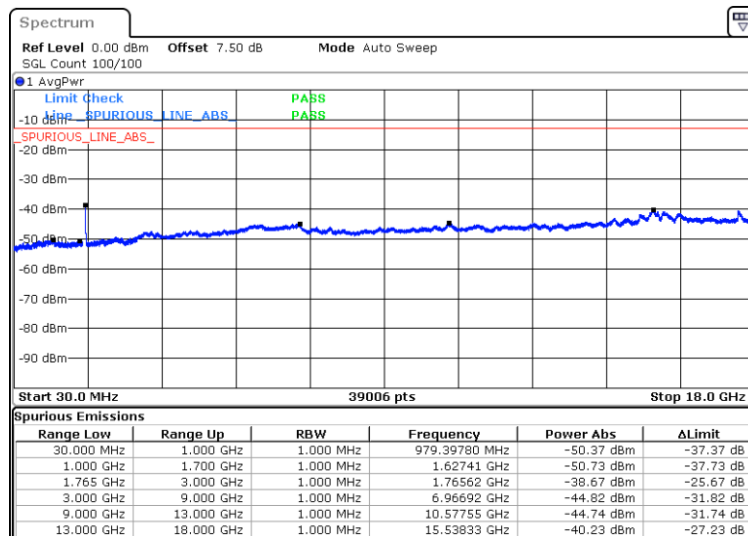
Date: 27.NOV.2025 14:22:19

Middle Channel / QPSK



Date: 27.NOV.2025 14:23:32

Highest Channel / QPSK



Date: 27.NOV.2025 14:24:44

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	0.0095	-16.5	Yes	PASS
40	Normal Voltage	0.0088	-15.3	Yes	
30	Normal Voltage	0.0013	-2.2	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0012	-2.1	Yes	
0	Normal Voltage	0.0053	-9.2	Yes	
-10	Normal Voltage	0.0006	-1.1	Yes	
-20	Normal Voltage	0.0053	-9.1	Yes	
-30	Normal Voltage	0.0013	-2.2	Yes	
20	Maximum Voltage	0.0006	-1.1	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0008	-1.3	Yes	

Note:

1. Normal Voltage = 3.9 V. ; Minimum Voltage = 3.6 V. ; Maximum Voltage = 4.4 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 7

Peak-to-Average Ratio

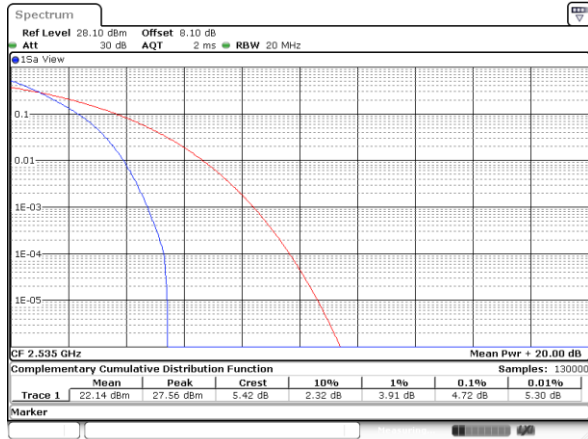
Mode	LTE Band 7 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.72	5.59	6.81	6.64	PASS

Mode	LTE Band 7 / 5MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.93	5.80	PASS
Mode	LTE Band 7 / 10MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.81	5.59	PASS
Mode	LTE Band 7 / 15MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.04	5.77	PASS



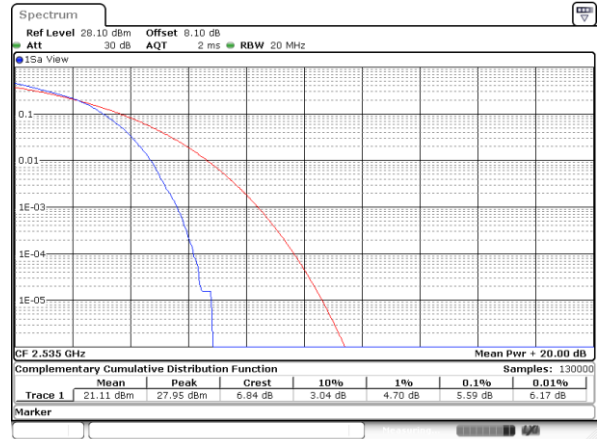
LTE Band 7 / 20MHz / QPSK

Middle Channel / Full RB



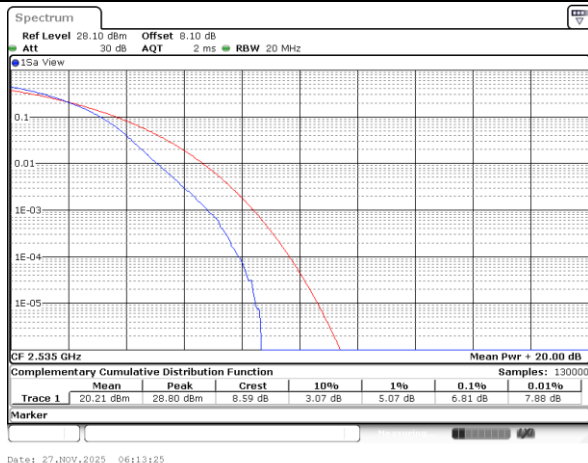
LTE Band 7 / 20MHz / 16QAM

Middle Channel / Full RB



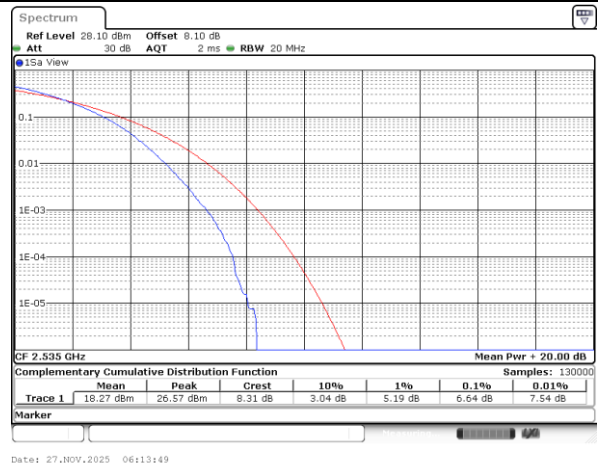
LTE Band 7 / 20MHz / 64QAM

Middle Channel / Full RB



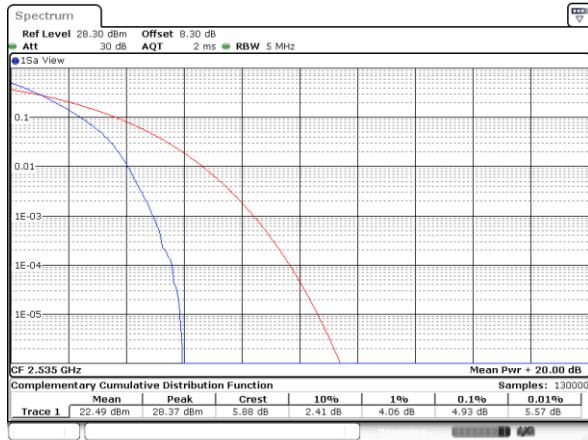
LTE Band 7 / 20MHz / 256QAM

Middle Channel / Full RB



LTE Band 7 / 5MHz / QPSK

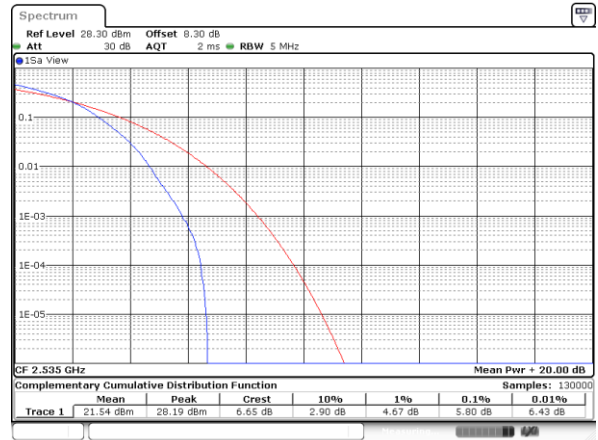
Middle Channel / Full RB



Date: 25.MAY.2026 20:09:00

LTE Band 7 / 5MHz / 16QAM

Middle Channel / Full RB

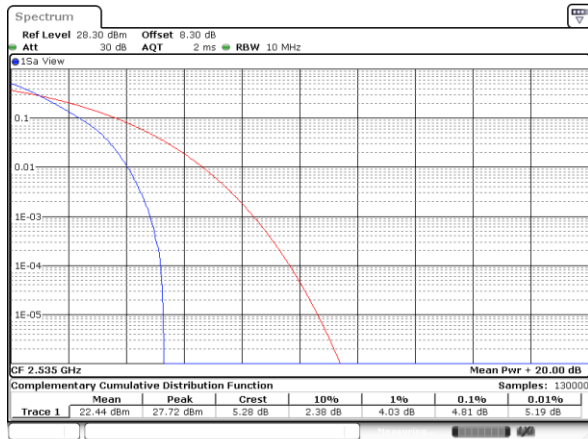


Date: 25.MAY.2026 20:08:26

LTE Band 7

LTE Band 7 / 10MHz / QPSK

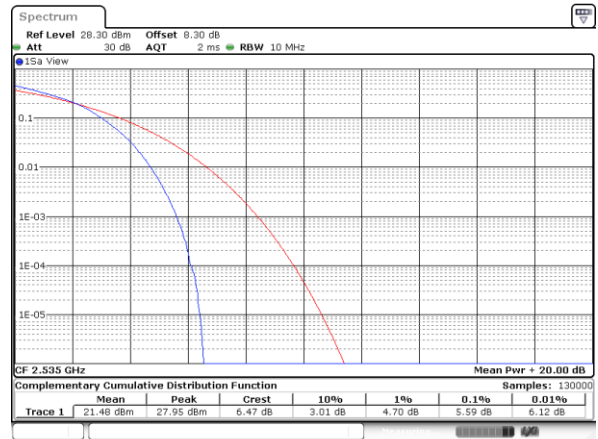
Middle Channel / Full RB



Date: 25.MAY.2026 20:10:12

LTE Band 7 / 10MHz / 16QAM

Middle Channel / Full RB



Date: 25.MAY.2026 20:09:38



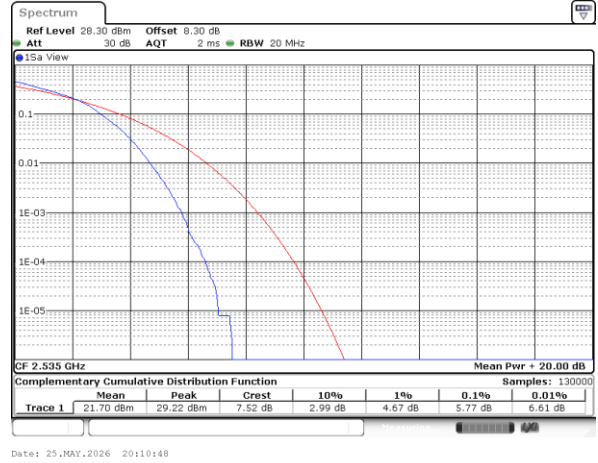
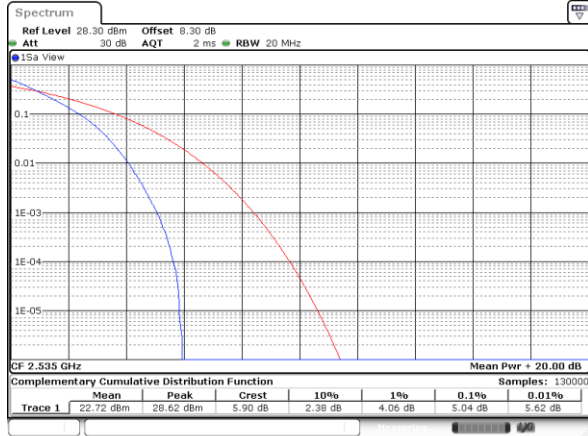
LTE Band 7

LTE Band 7 / 15MHz / QPSK

LTE Band 7 / 15MHz / 16QAM

Middle Channel / Full RB

Middle Channel / Full RB



**26dB Bandwidth**

Mode	LTE Band 7 : 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	-	-	-	-	4.91	4.92	9.76	9.84	14.52	14.25	18.96	19.20

