



FCC RADIO TEST REPORT

FCC ID : ACJ9TGWW23C
Equipment : Radio Module
Brand Name : Panasonic
Model Name : WW23C
Applicant : Panasonic Corporation of North America
Two Riverfront Plaza, Newark, New Jersey, 07102-5490, USA
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(R), Part 90(S)

The product was received on Oct. 29, 2025 and testing was performed from Nov. 14, 2025 to Dec. 23, 2025. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI C63.26-2015 and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issue Date
FG5O2913C	01	Initial issue of report	Jan. 20, 2026
FG5O2913C	02	Revise Frequency List of Low/Middle/High Channels This report is an updated version, replacing the report issued on Jan. 20, 2026.	Jan. 23, 2026



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Pass	-
	§22.913 (a)(5) §90.635 §27.1507(a)	Effective Radiated Power (Band 5) (Band 26) (Band 106)	Pass	
	§27.50 (b)(10) §27.50 (c)(10)	Effective Radiated Power (Band 12) (Band 13) (Band 71)		
	§27.50 (h)(2)	Equivalent Isotropic Radiated Power (Band 2) (Band 25)(Band 7)		
	§27.50 (d)(4)	Equivalent Isotropic Radiated Power (Band 4) (Band 66)		
	§27.50 (a)(3)	Equivalent Isotropic Radiated Power (Band 42)		
	§90.542 (a)(7)	Effective Radiated Power (Band 14)		
3.3	§24.232 (d) §27.50 (d)(5) §27.1507 (d)	Peak-to-Average Ratio	Pass	-
3.4	§2.1049 §27.1506	Occupied Bandwidth	Pass	-
3.5	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2)(4) §27.53 (g) §27.53 (h) §27.1509 (a)	Conducted Band Edge Measurement (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 25) (Band 26) (Band 66) (Band 71) (Band 71) (Band 106)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Band Edge Measurement (Band 7)		
	§2.1051 §27.53 (a)(4)	Conducted Band Edge Measurement (Band 71)		
	§2.1051 §90.543 (e)(2)	Conducted Band Edge Measuremen (Band 14)		



Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.6	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (g) §27.53 (h) §90.691 §27.1509 (a)	Conducted Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 25) (Band 26) (Band 66) (Band 71) (Band 71) (Band 106)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (Band 7)		
	§2.1051 §27.53 (a)(4)	Conducted Spurious Emission (Band 71)		
	§2.1051 §90.543 (e)(3)	Conducted Spurious Emission (Band 14)		
3.7	§2.1055 §22.355 §24.235 §27.54 §90.539 (e)§90.213	Frequency Stability Temperature & Voltage	Pass	-
4.2	§2.1053 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (f) §27.53 (g) §27.53 (h) §90.691 §27.1509 (a)	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 25) (Band 26) (Band 66) (Band 71) (Band 71) (Band 106)	Pass	-
	§2.1053 §27.53 (m)(4)	Radiated Spurious Emission (Band 7)		
	§2.1053 §27.53 (a)(4)	Radiated Spurious Emission (Band 71)		
	§2.1053 §90.543 (e)(3) §90.543 (f)	Radiated Spurious Emission (Band 14)		

Note:

- For host device, except for B42&B42C&B106 is full test, other band is the spot check Radiated Spurious Emission and complies with the limit in this test report.
- For host device, except for B42&B42C&B106 is full test, other band is the spot check Conducted Output Power is no difference after compared to module (Model: Panasonic WW23C)

**Conformity Assessment Condition:**

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

Disclaimer:

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

Reviewed by: Keven Cheng

Report Producer: Vina Su



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs	WCDMA/LTE
Installed into the Host	Brand Name: Panasonic Model Name: FZ-56(mk1)
Antenna Type for Host	Monopole Antenna

Remark: The product was installed into Portable Computer (Brand Name: Panasonic, Model Name: FZ-56(mk1) during test.

Support band and evaluated information	
Supported band	B2,B4,B5,B7,B12,B13,B14,B25,B26,B42,B66,B71,B106, B5B,B7C, B42C
Evaluated and Tested band	B2, B4, B5, B7, B12, B13, B14, B25, B26, B42, B66, B71, B106, B5B,B7C, B42C

FDD/TDD band Power Class				
	PC3			
B2	V			
B4	V			
B5/B5B	V			
B7/B7C	V			
B12	V			
B13	V			
B14	V			
B25	V			
B26	V			
B42/ B42C	V			
B66	V			
B71	V			
B106	V			

Antenna information(dBi)							
Band	Ant 0 WWAN-main		Main Ant. #				
B2	2.07		0				
B4	2.43		0				
B5	0.74		0				
B7	2.76		0				
B12	0.14		0				
B13	0.40		0				
B14	0.54		0				
B25	2.07		0				
B26	0.74		0				
B42	1.78		0				
B66	2.43		0				
B71	-0.62		0				
B106	0.21		0				

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

1.2 Modification of EUT

No modifications made to the EUT during the testing.



1.3 Testing Location

Test Site	Sporton International Inc. Wensan Laboratory	
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855	
Test Site No.	Sporton Site No.	
	TH05-HY	03CH11-HY
Test Engineer	Eric Wu	Daniel Lee, Fu Chen and Troye Hsieh
Temperature (°C)	21.3~23.3	19.0~21.8
Relative Humidity (%)	55.2~57.2	50.1~65.9

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

FCC Designation No.: TW3786

1.4 Applicable Standards

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

- ♦ ANSI C63.26-2015
- ♦ ANSI / TIA-603-E
- ♦ FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(R), Part 90(S)
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.
3. The TAF code is not including all the FCC KDB listed without accreditation.

2 Test Configuration of Equipment Under Test

2.1 Test Mode

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

For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable and verify accessory (Adapter) and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and only the worst case emissions were reported in this report..

Modulation Type	Modulation
A	QPSK
B	16QAM
C	64QAM

All Band(Except for LTE B42/B106)

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

Remark:

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

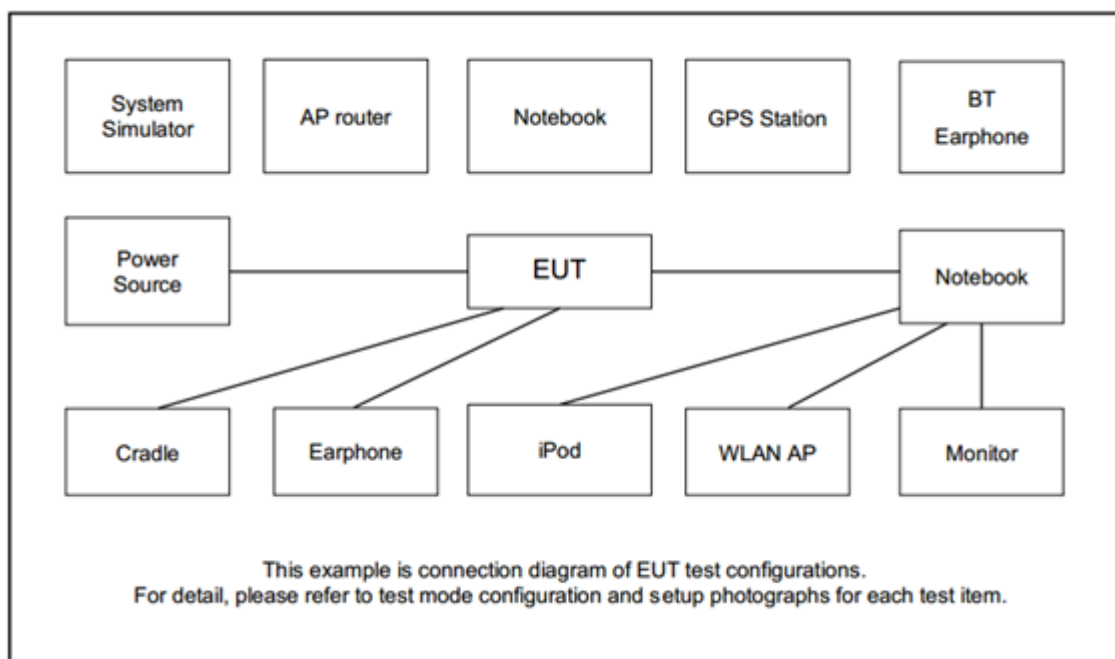
LTE B42/B106

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

Remark:

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

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	iPod Earphone	Apple	A1285	DoC UnShielded, 1.2m	N/A	N/A
2.	Base Station	Anritsu	8821C	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 :

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).

$$= 4.2 + 10 = 14.2 \text{ (dB)}$$



2.5 Frequency List of Low/Middle/High Channels

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

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



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

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

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



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



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

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

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



LTE Band 42 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	42190	42590	42990
	Frequency	3460	3500	3540
15	Channel	42165	42590	43015
	Frequency	3457.5	3500	3542.5
10	Channel	42140	42590	43040
	Frequency	3455	3500	3545
5	Channel	42115	42590	43115
	Frequency	3452.5	3500	3552.5

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

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



Band 106 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
3	Channel	-	134322	-
	Frequency	-	899	-
1.4	Channel	134314	134322	134330
	Frequency	898.2	899	899.8

LTE Band 5B Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
5 + 10	PCC	Channel	20428	20478	20528
		Frequency	826.8	831.8	836.8
	SCC	Channel	20500	20550	20600
		Frequency	834.0	839.0	844.0
10 + 5	PCC	Channel	20450	20500	20550
		Frequency	829.0	834.0	839.0
	SCC	Channel	20522	20572	20622
		Frequency	836.2	841.2	846.2
10 + 10	PCC	Channel	20450	20476	20501
		Frequency	829.0	831.6	834.1
	SCC	Channel	20549	20575	20600
		Frequency	838.9	841.5	844.0

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

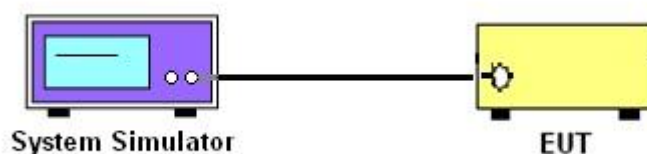
3 Conducted Test Items

3.1 Measuring Instruments

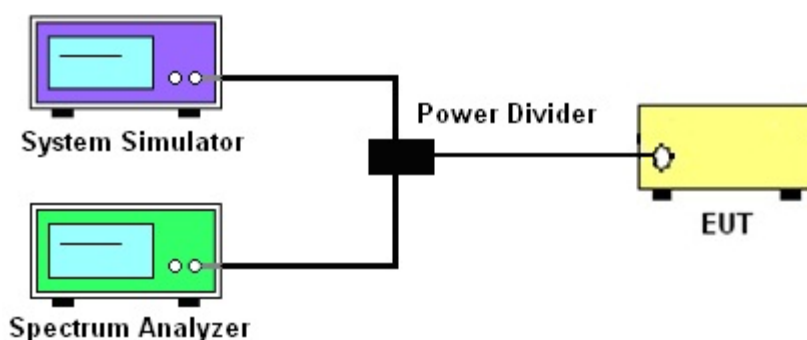
See list of measuring instruments of this test report.

3.1.1 Test Setup

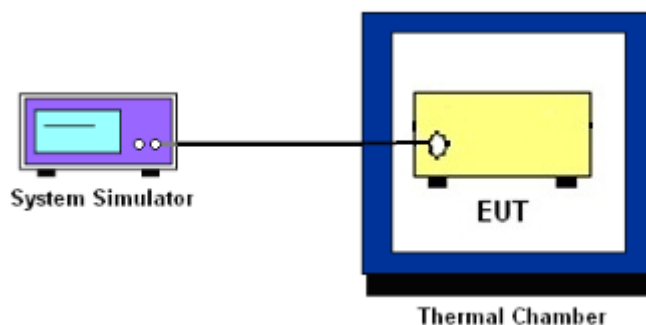
3.1.2 Conducted Output Power



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 7 Watts for LTE Band 5, Band 26 (Part 22H)

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

The ERP of mobile transmitters must not exceed 3 Watts for LTE Band 12, Band 13, Band 14, Band 71, Band 106

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

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

According to KDB 412172 D01 Power Approach,

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

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

3.2.2 Test Procedures

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

3.3 Peak-to-Average Ratio

3.3.1 Description of the PAR Measurement

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

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

3.3.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.2.6

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

3.4 Occupied Bandwidth

3.4.1 Description of Occupied Bandwidth Measurement

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

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

3.4.2 Test Procedures

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

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



3.5 Conducted Band Edge

3.5.1 Description of Conducted Band Edge Measurement

22.917(a)

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

24.238 (a)

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

27.53 (c)

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

27.53 (g)

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

27.53 (h)

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

**27.53(m)(4)**

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

90.543(e)

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

27.1509 (a)

For operations in the 897.5 - 900.5 MHz band, the FCC limit is $43 + 10 \log_{10}(P[\text{Watts}])$ dB below the transmitter power P(Watts) in a 100kHz bandwidth. However, in the 100kHz 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.



3.5.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

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

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

For LTE Band 7

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



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.

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 GH, VBW = 3 * RBW.
5. Set spectrum analyzer with RMS detector.
6. Taking the record of maximum spurious emission.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
8. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)

For LTE Band 7

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

22.355

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

24.235 & 27.54

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

3.7.2 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.

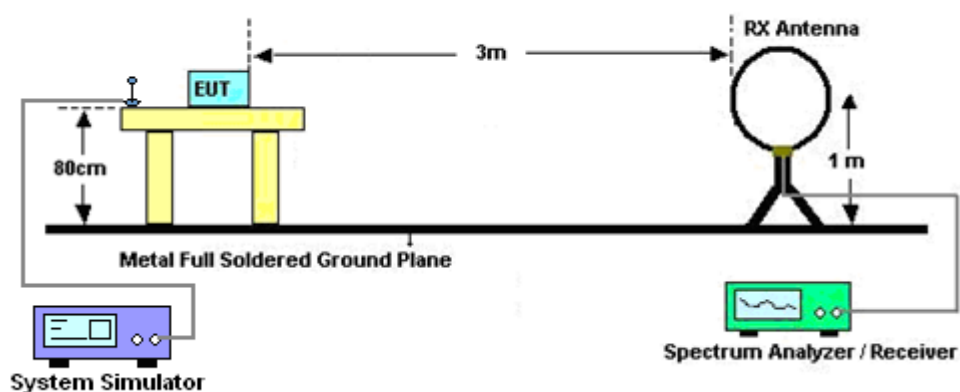
4 Radiated Test Items

4.1 Measuring Instruments

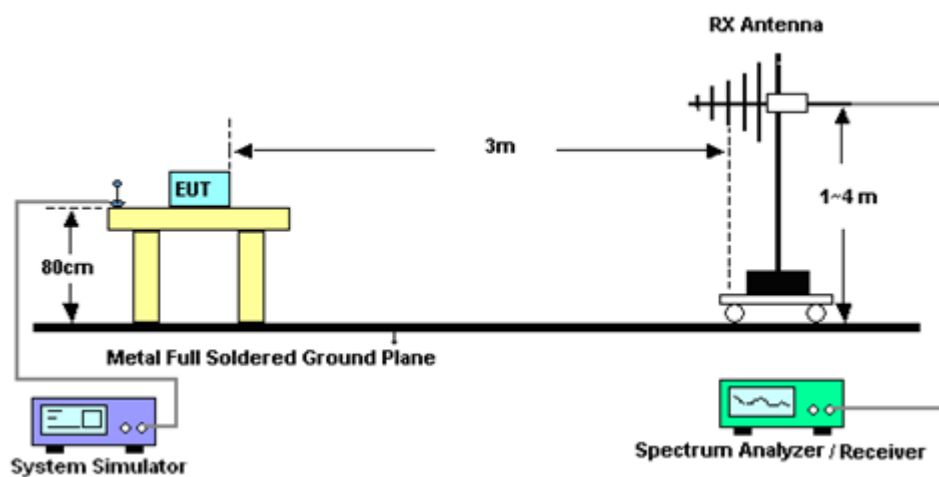
See list of measuring instruments of this test report.

4.1.1 Test Setup

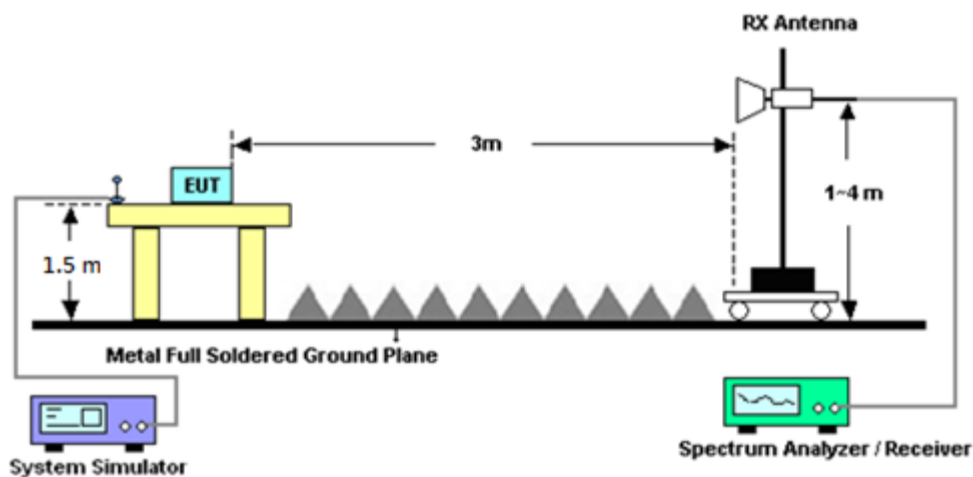
For radiated test below 30MHz



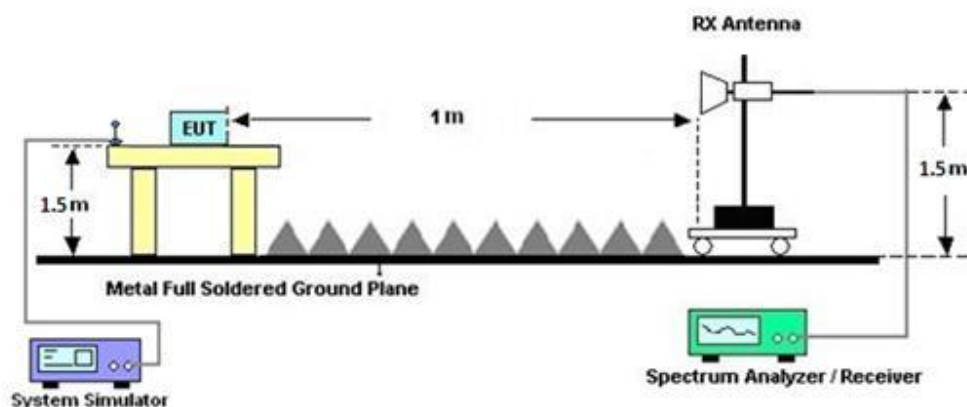
For radiated test from 30MHz to 1GHz



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 / TIA-603-E. 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

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

For LTE Band 13

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

For LTE Band 14

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

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



4.2.2 Test Procedures

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

1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
6. To convert spectrum reading E(dBuV/m) to EIRP(dBm)
$$\text{EIRP(dBm)} = \text{Level (dBuV/m)} + 20\log(d) - 104.77,$$
where d is the distance at which field strength limit is specified in the rules
7. Field Strength Level (dBm) = Spectrum Reading (dBm) + Antenna Factor + Cable Loss + Read Level - Preamp Factor.
8. ERP (dBm) = EIRP (dBm) - 2.15
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)
For LTE Band 7
The limit line is derived from $55 + 10\log(P)$ dB below the transmitter power P(Watts)



5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Bilog Antenna with 6dB pad	TESEQ & VGT	CBL 6111D & VFA_Z-04002-N-06	66925 & 24006	30MHz~1GHz	Feb. 19, 2025	Nov. 10, 2025 ~ Nov. 14, 2025	Feb. 18, 2026	Radiation (03CH11-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9 kHz~30 MHz	Dec. 18, 2024	Nov. 10, 2025 ~ Nov. 14, 2025	Dec. 17, 2025	Radiation (03CH11-HY)
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-01620	1GHz~18GHz	Sep. 15, 2025	Nov. 10, 2025 ~ Nov. 14, 2025	Sep. 14, 2026	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1223	18GHz~40GHz	Jul. 02, 2025	Nov. 10, 2025 ~ Nov. 14, 2025	Jul. 01, 2026	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 07, 2024	Nov. 10, 2025 ~ Nov. 14, 2025	Dec. 06, 2025	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY53270080	1GHz~26.5GHz	Mar. 24, 2025	Nov. 10, 2025 ~ Nov. 14, 2025	Mar. 23, 2026	Radiation (03CH11-HY)
Preamplifier	E-INSTRUMENT TECH LTD.	ERA-100M-18G-56-01-A70	EC1900249	1GHz~18GHz	Jan. 21, 2025	Nov. 10, 2025 ~ Nov. 14, 2025	Jan. 20, 2026	Radiation (03CH11-HY)
Preamplifier	EMEC	EM18G40G	060871	18GHz~40GHz	Aug. 25, 2025	Nov. 10, 2025 ~ Nov. 14, 2025	Aug. 24, 2026	Radiation (03CH11-HY)
Signal Analyzer	Keysight	N9010A	MY54200486	10Hz~44GHz	Oct. 23, 2025	Nov. 10, 2025 ~ Nov. 14, 2025	Oct. 22, 2026	Radiation (03CH11-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY55420170	20MHz~8.4GHz	Jul. 22, 2025	Nov. 10, 2025 ~ Nov. 14, 2025	Jul. 21, 2026	Radiation (03CH11-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Nov. 10, 2025 ~ Nov. 14, 2025	N/A	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Nov. 10, 2025 ~ Nov. 14, 2025	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Nov. 10, 2025 ~ Nov. 14, 2025	N/A	Radiation (03CH11-HY)
Software	Audix	E3 6.2009-8-24	RK-002391	N/A	N/A	Nov. 10, 2025 ~ Nov. 14, 2025	N/A	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804013/2	30M~40G	Mar. 05, 2025	Nov. 10, 2025 ~ Nov. 14, 2025	Mar. 04, 2026	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 05, 2025	Nov. 10, 2025 ~ Nov. 14, 2025	Mar. 04, 2026	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	30M~40G	Mar. 05, 2025	Nov. 10, 2025 ~ Nov. 14, 2025	Mar. 04, 2026	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	805139 2	30M~40G	May 10, 2025	Nov. 10, 2025 ~ Nov. 14, 2025	May 09, 2026	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-900-1000-15000-60SS	SN12	1GHz High Pass Filter	Sep. 09, 2025	Nov. 10, 2025 ~ Nov. 14, 2025	Sep. 08, 2026	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-2700-3000-18000-60SS	SN3	3GHz High Pass Filter	Sep. 09, 2025	Nov. 10, 2025 ~ Nov. 14, 2025	Sep. 08, 2026	Radiation (03CH11-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40SS	SN3	6.75GHz High Pass Filter	Sep. 09, 2025	Nov. 10, 2025 ~ Nov. 14, 2025	Sep. 08, 2026	Radiation (03CH11-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. 07, 2025~ Dec. 24, 2025	Sep. 15, 2026	Conducted (TH05-HY)
DC Power Supply	GW Instek	GPE-2323	GET861546	0V~64V ; 0A~6A	Jun. 03, 2025	Dec. 07, 2025~ Dec. 24, 2025	Jun. 02, 2026	Conducted (TH05-HY)
Coupler	MVE	MVE4816	#Y	0.5~18GHz	Oct. 16, 2025	Dec. 07, 2025~ Dec. 24, 2025	Oct. 15, 2026	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101907	10Hz~40GHz	Aug. 25, 2025	Dec. 07, 2025~ Dec. 24, 2025	Aug. 24, 2026	Conducted (TH05-HY)
Thermal Chamber	ESPEC	SU-241	92003713	-30°C ~95°C	May. 12, 2025	Dec. 07, 2025~ Dec. 24, 2025	May. 11, 2026	Conducted (TH05-HY)
Power divider	Anritsu	K241C	2143398	9KHz~40GHz	Jun. 13, 2025	Dec. 07, 2025~ Dec. 24, 2025	Jun. 12, 2026	Conducted (TH05-HY)
Software	Sporton	LTE Conducted Test Tools	N/A	Conducted Test Item	N/A	Dec. 07, 2025~ Dec. 24, 2025	N/A	Conducted (TH05-HY)
Hygrometer	TECPEL	DTM-303B	TP200886	-10 ~ 50°C / 20 ~ 95%RH	Mar. 03, 2025	Dec. 07, 2025~ Dec. 24, 2025	Mar. 02, 2026	Conducted (TH05-HY)



6 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.5 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 6 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.9 dB
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Uncertainty of Radiated Emission Measurement (6 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.7 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.9 dB
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Appendix A. Test Results of Conducted Test

Conducted Output Power (Average power and ERP/EIRP)

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 2.07 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.85	22.86	22.90	24.97	0.3141
20	1	49		22.81	22.85	22.82		
20	1	99		22.83	22.83	22.82		
20	50	0		21.93	21.94	21.98		
20	50	24		21.92	21.92	21.94		
20	50	50		21.91	21.89	21.92		
20	100	0		21.92	21.95	22.00		
20	1	0	16-QAM	22.17	22.18	22.03	24.34	0.2716
20	1	49		22.10	22.19	22.14		
20	1	99		22.17	22.18	22.27		
20	50	0		20.93	20.98	20.94		
20	50	24		20.93	20.99	20.97		
20	50	50		20.98	20.91	20.94		
20	100	0		20.99	20.94	20.90		
20	1	0	64-QAM	21.08	21.08	21.02	23.24	0.2109
20	1	49		21.02	21.11	21.04		
20	1	99		21.08	21.07	21.17		
20	50	0		19.93	19.98	19.93		
20	50	24		19.93	19.94	19.92		
20	50	50		20.01	19.93	19.93		
20	100	0		20.01	19.92	19.92		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 2.07 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.69	22.69	22.73	24.80	0.3020
15	1	37		22.65	22.69	22.68		
15	1	74		22.65	22.69	22.65		
15	36	0		21.77	21.75	21.79		
15	36	20		21.77	21.78	21.78		
15	36	39		21.76	21.79	21.79		
15	75	0		21.82	21.76	21.84		
15	1	0	16-QAM	21.99	22.03	21.88	24.21	0.2636
15	1	37		21.95	22.07	22.00		
15	1	74		22.00	22.08	22.14		
15	36	0		20.83	20.80	20.80		
15	36	20		20.75	20.83	20.77		
15	36	39		20.80	20.80	20.84		
15	75	0		20.88	20.80	20.80		
15	1	0	64-QAM	20.88	20.98	20.88	23.08	0.2032
15	1	37		20.92	21.01	20.94		
15	1	74		20.89	20.89	20.98		
15	36	0		19.82	19.85	19.75		
15	36	20		19.75	19.78	19.73		
15	36	39		19.83	19.76	19.79		
15	75	0		19.90	19.72	19.79		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 2.07 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.67	22.72	22.82	24.89	0.3083
10	1	25		22.62	22.72	22.69		
10	1	49		22.73	22.71	22.70		
10	25	0		21.79	21.72	21.84		
10	25	12		21.75	21.78	21.77		
10	25	25		21.79	21.75	21.76		
10	50	0		21.73	21.84	21.89		
10	1	0	16-QAM	21.98	22.01	21.84	24.23	0.2649
10	1	25		21.96	21.99	21.97		
10	1	49		22.06	21.98	22.16		
10	25	0		20.81	20.84	20.84		
10	25	12		20.76	20.81	20.80		
10	25	25		20.85	20.79	20.78		
10	50	0		20.89	20.78	20.73		
10	1	0	64-QAM	20.97	20.88	20.89	23.10	0.2042
10	1	25		20.85	20.92	20.84		
10	1	49		20.90	20.93	21.03		
10	25	0		19.82	19.86	19.82		
10	25	12		19.78	19.74	19.81		
10	25	25		19.89	19.81	19.74		
10	50	0		19.82	19.79	19.78		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 2.07 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.62	22.73	22.73	24.80	0.3020
5	1	12		22.69	22.68	22.70		
5	1	24		22.71	22.68	22.70		
5	12	0		21.74	21.72	21.79		
5	12	7		21.71	21.81	21.76		
5	12	13		21.75	21.68	21.72		
5	25	0		21.76	21.79	21.86		
5	1	0	16-QAM	21.97	22.03	21.83	24.15	0.2600
5	1	12		21.91	22.06	22.00		
5	1	24		22.02	21.98	22.08		
5	12	0		20.72	20.78	20.72		
5	12	7		20.81	20.78	20.75		
5	12	13		20.76	20.74	20.76		
5	25	0		20.85	20.74	20.77		
5	1	0	64-QAM	20.95	20.96	20.81	23.07	0.2028
5	1	12		20.81	20.89	20.92		
5	1	24		20.90	20.85	21.00		
5	12	0		19.77	19.84	19.72		
5	12	7		19.81	19.76	19.80		
5	12	13		19.83	19.76	19.73		
5	25	0		19.81	19.74	19.70		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 2.07 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	22.62	22.71	22.71	24.81	0.3027
3	1	8		22.65	22.65	22.63		
3	1	14		22.72	22.74	22.68		
3	8	0		21.78	21.73	21.80		
3	8	4		21.70	21.81	21.81		
3	8	7		21.77	21.75	21.72		
3	15	0		21.74	21.80	21.79		
3	1	0	16-QAM	22.03	21.99	21.91	24.12	0.2582
3	1	8		21.92	22.00	21.99		
3	1	14		22.00	21.96	22.05		
3	8	0		20.72	20.79	20.82		
3	8	4		20.71	20.84	20.80		
3	8	7		20.80	20.71	20.82		
3	15	0		20.86	20.80	20.76		
3	1	0	64-QAM	20.92	20.90	20.84	23.12	0.2051
3	1	8		20.88	20.91	20.89		
3	1	14		20.95	20.87	21.05		
3	8	0		19.74	19.83	19.77		
3	8	4		19.81	19.77	19.77		
3	8	7		19.80	19.75	19.76		
3	15	0		19.80	19.70	19.73		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 2.07 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	22.79	22.79	22.87	25.03	0.3184
1.4	1	3		22.87	22.87	22.96		
1.4	1	5		22.79	22.79	22.84		
1.4	3	0		22.84	22.85	22.92		
1.4	3	1		22.87	22.90	22.96		
1.4	3	3		22.77	22.85	22.90		
1.4	6	0		21.76	21.85	21.93		
1.4	1	0	16-QAM	22.04	22.17	22.26	24.38	0.2742
1.4	1	3		22.14	22.24	22.31		
1.4	1	5		22.08	22.16	22.19		
1.4	3	0		21.85	21.99	22.00		
1.4	3	1		21.88	22.00	22.10		
1.4	3	3		21.81	21.99	22.02		
1.4	6	0		20.84	20.91	20.99		
1.4	1	0	64-QAM	20.95	21.07	21.19	23.26	0.2118
1.4	1	3		21.03	21.10	21.19		
1.4	1	5		20.93	21.08	21.10		
1.4	3	0		20.90	21.03	21.07		
1.4	3	1		21.00	21.04	21.11		
1.4	3	3		20.88	21.04	21.04		
1.4	6	0		19.77	19.94	19.94		
Limit	EIRP < 2W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 2.43 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.93	22.98	22.91	25.41	0.3475
20	1	49		22.87	22.94	22.79		
20	1	99		22.90	22.93	22.72		
20	50	0		21.99	22.03	21.95		
20	50	24		21.97	22.00	21.93		
20	50	50		21.94	21.99	21.82		
20	100	0		22.03	22.07	21.94		
20	1	0	16-QAM	22.15	22.33	22.22	24.82	0.3034
20	1	49		22.15	22.39	22.12		
20	1	99		22.38	22.25	22.05		
20	50	0		20.98	21.05	21.02		
20	50	24		21.07	21.07	20.99		
20	50	50		21.10	21.08	20.87		
20	100	0		21.08	21.01	20.97		
20	1	0	64-QAM	21.11	21.25	21.22	23.74	0.2366
20	1	49		21.18	21.30	21.11		
20	1	99		21.31	21.25	20.98		
20	50	0		19.95	20.04	19.99		
20	50	24		20.09	20.07	20.04		
20	50	50		20.10	20.06	19.87		
20	100	0		20.07	20.05	19.96		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 2.43 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.85	22.88	22.86	25.34	0.3420
15	1	37		22.77	22.91	22.76		
15	1	74		22.78	22.86	22.67		
15	36	0		21.92	22.08	21.93		
15	36	20		22.03	21.99	21.83		
15	36	39		22.03	21.84	21.69		
15	75	0		21.93	21.96	21.83		
15	1	0	16-QAM	22.01	22.21	22.16	24.81	0.3027
15	1	37		22.01	22.38	22.09		
15	1	74		22.35	22.15	21.92		
15	36	0		20.89	20.97	20.95		
15	36	20		20.97	20.96	20.86		
15	36	39		21.02	20.96	20.77		
15	75	0		21.02	20.97	20.85		
15	1	0	64-QAM	21.07	21.23	21.14	23.66	0.2323
15	1	37		21.13	21.22	21.04		
15	1	74		21.16	21.17	20.97		
15	36	0		19.82	19.91	19.91		
15	36	20		20.01	19.99	19.97		
15	36	39		19.97	20.00	19.77		
15	75	0		19.95	19.96	19.85		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 2.43 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.80	22.83	22.82	25.27	0.3365
10	1	25		22.82	22.84	22.73		
10	1	49		22.83	22.79	22.66		
10	25	0		21.91	21.99	21.85		
10	25	12		22.00	21.85	21.88		
10	25	25		21.93	21.96	21.67		
10	50	0		21.93	21.96	21.80		
10	1	0	16-QAM	22.04	22.31	22.19	24.79	0.3013
10	1	25		22.10	22.35	21.97		
10	1	49		22.36	22.22	21.91		
10	25	0		20.83	20.91	20.88		
10	25	12		21.00	21.04	20.92		
10	25	25		21.08	21.00	20.82		
10	50	0		20.98	20.87	20.87		
10	1	0	64-QAM	21.07	21.15	21.13	23.69	0.2339
10	1	25		21.12	21.17	20.96		
10	1	49		21.26	21.14	20.88		
10	25	0		19.87	20.00	19.91		
10	25	12		20.01	19.98	19.93		
10	25	25		20.00	20.01	19.74		
10	50	0		20.01	20.01	19.94		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 2.43 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.83	22.95	22.86	25.38	0.3451
5	1	12		22.78	22.92	22.77		
5	1	24		22.75	22.80	22.67		
5	12	0		21.84	22.02	21.91		
5	12	7		21.94	21.89	21.90		
5	12	13		21.98	21.95	21.76		
5	25	0		22.01	21.95	21.90		
5	1	0	16-QAM	22.10	22.25	22.14	24.78	0.3006
5	1	12		22.05	22.27	21.97		
5	1	24		22.35	22.23	21.98		
5	12	0		20.91	20.95	20.89		
5	12	7		20.94	20.96	20.89		
5	12	13		20.96	21.06	20.80		
5	25	0		20.94	20.95	20.94		
5	1	0	64-QAM	21.09	21.20	21.16	23.71	0.2350
5	1	12		21.06	21.28	21.08		
5	1	24		21.21	21.23	20.86		
5	12	0		19.83	20.02	19.86		
5	12	7		20.02	19.98	19.93		
5	12	13		20.04	19.96	19.81		
5	25	0		19.97	19.97	19.82		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 2.43 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	22.88	22.91	22.82	25.34	0.3420
3	1	8		22.82	22.89	22.71		
3	1	14		22.80	22.89	22.62		
3	8	0		21.86	22.06	21.87		
3	8	4		22.02	21.89	21.88		
3	8	7		21.95	21.96	21.78		
3	15	0		21.95	22.00	21.88		
3	1	0	16-QAM	22.09	22.18	22.15	24.75	0.2985
3	1	8		22.07	22.32	22.01		
3	1	14		22.25	22.23	21.94		
3	8	0		20.90	20.96	20.98		
3	8	4		21.05	21.00	20.85		
3	8	7		21.03	21.00	20.72		
3	15	0		20.96	21.00	20.93		
3	1	0	64-QAM	21.01	21.12	21.11	23.72	0.2355
3	1	8		21.03	21.29	20.98		
3	1	14		21.23	21.11	20.95		
3	8	0		19.87	19.96	19.95		
3	8	4		20.05	19.97	19.96		
3	8	7		20.07	19.96	19.80		
3	15	0		19.95	19.93	19.82		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 2.43 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	22.77	22.88	22.73	25.42	0.3483
1.4	1	3		22.83	22.97	22.81		
1.4	1	5		22.76	22.91	22.74		
1.4	3	0		22.83	22.96	22.81		
1.4	3	1		22.85	22.99	22.83		
1.4	3	3		22.82	22.96	22.81		
1.4	6	0		21.86	21.94	21.84		
1.4	1	0	16-QAM	21.98	22.22	22.02	24.79	0.3013
1.4	1	3		22.10	22.36	22.06		
1.4	1	5		22.05	22.23	21.97		
1.4	3	0		21.77	22.04	21.83		
1.4	3	1		21.86	22.06	21.80		
1.4	3	3		21.79	22.04	21.84		
1.4	6	0		20.90	21.06	20.94		
1.4	1	0	64-QAM	20.98	21.21	20.96	23.73	0.2360
1.4	1	3		21.06	21.30	21.09		
1.4	1	5		21.02	21.13	20.96		
1.4	3	0		20.95	21.11	20.94		
1.4	3	1		21.01	21.17	21.00		
1.4	3	3		20.94	21.10	20.96		
1.4	6	0		19.84	19.98	19.80		
Limit	EIRP < 1W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = 0.74 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.14	23.15	23.20	21.79	0.1510
10	1	25		23.16	23.13	23.20		
10	1	49		23.17	23.12	23.16		
10	25	0		22.27	22.30	22.29		
10	25	12		22.25	22.28	22.28		
10	25	25		22.26	22.21	22.25		
10	50	0		22.25	22.27	22.25		
10	1	0	16-QAM	22.40	22.42	22.37	21.07	0.1279
10	1	25		22.46	22.39	22.48		
10	1	49		22.43	22.36	22.32		
10	25	0		21.33	21.31	21.26		
10	25	12		21.31	21.26	21.33		
10	25	25		21.33	21.19	21.28		
10	50	0		21.24	21.26	21.36		
10	1	0	64-QAM	21.29	21.36	21.40	20.00	0.1000
10	1	25		21.32	21.34	21.41		
10	1	49		21.33	21.24	21.34		
10	25	0		20.27	20.27	20.30		
10	25	12		20.28	20.24	20.38		
10	25	25		20.29	20.21	20.28		
10	50	0		20.28	20.24	20.34		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = 0.74 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.10	23.12	23.08	21.72	0.1486
5	1	12		23.13	23.05	23.06		
5	1	24		23.08	22.97	23.06		
5	12	0		22.14	22.21	22.23		
5	12	7		22.20	22.17	22.18		
5	12	13		22.20	22.19	22.14		
5	25	0		22.21	22.21	22.23		
5	1	0	16-QAM	22.33	22.37	22.34	20.96	0.1247
5	1	12		22.35	22.34	22.33		
5	1	24		22.31	22.32	22.19		
5	12	0		21.22	21.17	21.13		
5	12	7		21.20	21.17	21.30		
5	12	13		21.24	21.04	21.15		
5	25	0		21.20	21.18	21.22		
5	1	0	64-QAM	21.16	21.31	21.25	19.93	0.0984
5	1	12		21.23	21.30	21.34		
5	1	24		21.25	21.14	21.20		
5	12	0		20.14	20.24	20.15		
5	12	7		20.16	20.22	20.26		
5	12	13		20.15	20.09	20.16		
5	25	0		20.17	20.16	20.22		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = 0.74 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.07	23.08	23.09	21.75	0.1496
3	1	8		23.14	23.10	23.16		
3	1	14		23.07	23.03	23.05		
3	8	0		22.20	22.29	22.17		
3	8	4		22.19	22.17	22.24		
3	8	7		22.11	22.15	22.24		
3	15	0		22.23	22.15	22.23		
3	1	0	16-QAM	22.35	22.34	22.35	21.02	0.1265
3	1	8		22.43	22.28	22.38		
3	1	14		22.37	22.33	22.26		
3	8	0		21.28	21.30	21.23		
3	8	4		21.18	21.22	21.31		
3	8	7		21.29	21.15	21.16		
3	15	0		21.13	21.22	21.32		
3	1	0	64-QAM	21.27	21.24	21.35	19.94	0.0986
3	1	8		21.23	21.32	21.35		
3	1	14		21.28	21.16	21.25		
3	8	0		20.26	20.14	20.28		
3	8	4		20.17	20.13	20.34		
3	8	7		20.16	20.18	20.15		
3	15	0		20.18	20.17	20.24		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = 0.74 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.01	23.07	23.21	21.86	0.1535
1.4	1	3		23.21	23.15	23.26		
1.4	1	5		23.12	23.07	23.17		
1.4	3	0		23.20	23.12	23.23		
1.4	3	1		23.24	23.15	23.27		
1.4	3	3		23.18	23.12	23.26		
1.4	6	0		22.27	22.17	22.31		
1.4	1	0	16-QAM	22.38	22.28	22.34	21.01	0.1262
1.4	1	3		22.42	22.35	22.38		
1.4	1	5		22.38	22.24	22.31		
1.4	3	0		22.16	22.10	22.11		
1.4	3	1		22.24	22.15	22.16		
1.4	3	3		22.18	22.07	22.12		
1.4	6	0		21.30	21.23	21.33		
1.4	1	0	64-QAM	21.28	21.26	21.32	19.98	0.0995
1.4	1	3		21.39	21.35	21.35		
1.4	1	5		21.31	21.24	21.27		
1.4	3	0		21.32	21.22	21.30		
1.4	3	1		21.37	21.31	21.32		
1.4	3	3		21.28	21.22	21.27		
1.4	6	0		20.21	20.13	20.25		
Limit	ERP < 7W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 2.76 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.98	23.06	23.00	25.82	0.3819
20	1	49		22.97	22.93	22.93		
20	1	99		22.96	22.99	22.83		
20	50	0		22.11	22.17	22.02		
20	50	24		22.08	22.10	21.98		
20	50	50		22.05	22.06	22.01		
20	100	0		22.03	22.05	21.96		
20	1	0	16-QAM	22.24	22.27	22.31	25.07	0.3214
20	1	49		22.25	22.13	22.21		
20	1	99		22.23	22.15	22.03		
20	50	0		21.14	21.10	21.00		
20	50	24		21.14	21.06	20.94		
20	50	50		21.04	21.02	20.98		
20	100	0		21.00	21.01	20.93		
20	1	0	64-QAM	21.14	21.18	21.21	23.97	0.2495
20	1	49		21.15	21.09	21.12		
20	1	99		21.12	21.09	20.95		
20	50	0		20.11	20.08	20.05		
20	50	24		20.15	20.06	19.97		
20	50	50		20.03	19.99	19.98		
20	100	0		20.04	20.02	19.95		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 2.76 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.85	22.97	22.93	25.73	0.3741
15	1	37		22.89	22.79	22.82		
15	1	74		22.90	22.90	22.78		
15	36	0		22.04	22.08	21.97		
15	36	20		22.01	22.08	21.97		
15	36	39		21.91	22.00	21.99		
15	75	0		21.97	21.93	21.86		
15	1	0	16-QAM	22.22	22.20	22.21	24.98	0.3148
15	1	37		22.14	21.99	22.07		
15	1	74		22.15	22.07	21.89		
15	36	0		21.00	21.03	20.95		
15	36	20		21.08	21.02	20.88		
15	36	39		20.92	20.96	20.91		
15	75	0		20.96	20.99	20.83		
15	1	0	64-QAM	21.05	21.09	21.14	23.90	0.2455
15	1	37		21.12	20.96	20.97		
15	1	74		20.97	21.08	20.85		
15	36	0		20.04	20.04	19.96		
15	36	20		20.12	19.95	19.84		
15	36	39		19.94	19.96	19.91		
15	75	0		19.95	19.88	19.82		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 2.76 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.92	22.98	22.97	25.74	0.3750
10	1	25		22.88	22.88	22.82		
10	1	49		22.84	22.94	22.80		
10	25	0		22.01	22.15	21.95		
10	25	12		22.00	21.97	21.95		
10	25	25		21.94	21.96	21.87		
10	50	0		21.96	21.94	21.90		
10	1	0	16-QAM	22.13	22.26	22.29	25.05	0.3199
10	1	25		22.17	22.09	22.19		
10	1	49		22.09	22.04	22.02		
10	25	0		21.12	21.07	20.93		
10	25	12		21.04	21.01	20.81		
10	25	25		20.98	20.97	20.87		
10	50	0		20.89	20.97	20.78		
10	1	0	64-QAM	21.11	21.15	21.14	23.91	0.2460
10	1	25		21.04	20.97	21.00		
10	1	49		21.00	21.06	20.91		
10	25	0		20.05	20.04	19.94		
10	25	12		20.13	19.95	19.93		
10	25	25		19.94	19.85	19.92		
10	50	0		19.93	19.92	19.83		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 2.76 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.97	23.03	22.88	25.79	0.3793
5	1	12		22.83	22.87	22.78		
5	1	24		22.93	22.90	22.71		
5	12	0		22.08	22.13	21.99		
5	12	7		21.98	22.06	21.94		
5	12	13		21.96	22.03	21.98		
5	25	0		22.01	21.97	21.85		
5	1	0	16-QAM	22.10	22.25	22.29	25.05	0.3199
5	1	12		22.16	22.05	22.09		
5	1	24		22.16	22.11	21.92		
5	12	0		21.03	21.08	20.86		
5	12	7		20.99	20.93	20.88		
5	12	13		20.97	20.98	20.85		
5	25	0		20.86	20.99	20.85		
5	1	0	64-QAM	21.04	21.06	21.13	23.89	0.2449
5	1	12		21.02	21.00	20.99		
5	1	24		21.06	21.04	20.92		
5	12	0		20.04	19.94	20.02		
5	12	7		20.07	19.92	19.94		
5	12	13		19.90	19.91	19.84		
5	25	0		19.94	19.99	19.82		
Limit	EIRP < 2W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 0.14 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.27	23.30	23.36	21.35	0.1365
10	1	25		23.24	23.30	23.22		
10	1	49		23.27	23.20	23.23		
10	25	0		22.40	22.44	22.38		
10	25	12		22.49	22.43	22.38		
10	25	25		22.38	22.34	22.32		
10	50	0		22.50	22.41	22.39		
10	1	0	16-QAM	22.48	22.44	22.57	20.56	0.1138
10	1	25		22.47	22.55	22.41		
10	1	49		22.56	22.35	22.35		
10	25	0		21.37	21.44	21.39		
10	25	12		21.45	21.42	21.39		
10	25	25		21.41	21.32	21.24		
10	50	0		21.45	21.38	21.36		
10	1	0	64-QAM	21.40	21.44	21.55	19.54	0.0899
10	1	25		21.38	21.49	21.41		
10	1	49		21.41	21.33	21.33		
10	25	0		20.40	20.43	20.42		
10	25	12		20.46	20.42	20.37		
10	25	25		20.37	20.36	20.29		
10	50	0		20.46	20.39	20.37		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 0.14 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.24	23.28	23.25	21.27	0.1340
5	1	12		23.22	23.19	23.10		
5	1	24		23.16	23.14	23.12		
5	12	0		22.26	22.37	22.29		
5	12	7		22.46	22.28	22.33		
5	12	13		22.35	22.25	22.31		
5	25	0		22.42	22.31	22.37		
5	1	0	16-QAM	22.47	22.30	22.47	20.48	0.1117
5	1	12		22.41	22.49	22.29		
5	1	24		22.48	22.34	22.21		
5	12	0		21.27	21.43	21.35		
5	12	7		21.41	21.28	21.36		
5	12	13		21.28	21.23	21.10		
5	25	0		21.43	21.27	21.24		
5	1	0	64-QAM	21.34	21.34	21.45	19.44	0.0879
5	1	12		21.33	21.42	21.38		
5	1	24		21.40	21.27	21.20		
5	12	0		20.29	20.41	20.28		
5	12	7		20.35	20.32	20.25		
5	12	13		20.30	20.32	20.15		
5	25	0		20.35	20.26	20.32		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 0.14 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.17	23.28	23.27	21.27	0.1340
3	1	8		23.13	23.17	23.10		
3	1	14		23.23	23.13	23.14		
3	8	0		22.25	22.41	22.35		
3	8	4		22.45	22.40	22.23		
3	8	7		22.33	22.21	22.23		
3	15	0		22.43	22.31	22.36		
3	1	0	16-QAM	22.38	22.35	22.45	20.53	0.1130
3	1	8		22.42	22.50	22.33		
3	1	14		22.54	22.30	22.34		
3	8	0		21.30	21.37	21.29		
3	8	4		21.35	21.36	21.33		
3	8	7		21.34	21.22	21.20		
3	15	0		21.32	21.32	21.28		
3	1	0	64-QAM	21.33	21.30	21.41	19.40	0.0871
3	1	8		21.34	21.35	21.35		
3	1	14		21.37	21.30	21.21		
3	8	0		20.38	20.40	20.41		
3	8	4		20.42	20.27	20.33		
3	8	7		20.35	20.29	20.19		
3	15	0		20.38	20.26	20.27		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 0.14 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.12	23.24	23.22	21.34	0.1361
1.4	1	3		23.18	23.29	23.26		
1.4	1	5		23.08	23.22	23.21		
1.4	3	0		23.17	23.31	23.24		
1.4	3	1		23.25	23.34	23.35		
1.4	3	3		23.19	23.28	23.26		
1.4	6	0		22.26	22.36	22.39		
1.4	1	0	16-QAM	22.35	22.53	22.40	20.60	0.1148
1.4	1	3		22.31	22.61	22.36		
1.4	1	5		22.28	22.49	22.24		
1.4	3	0		22.17	22.32	22.18		
1.4	3	1		22.23	22.34	22.22		
1.4	3	3		22.12	22.27	22.15		
1.4	6	0		21.29	21.39	21.39		
1.4	1	0	64-QAM	21.34	21.44	21.33	19.48	0.0887
1.4	1	3		21.34	21.49	21.37		
1.4	1	5		21.27	21.39	21.28		
1.4	3	0		21.28	21.41	21.30		
1.4	3	1		21.29	21.44	21.38		
1.4	3	3		21.25	21.37	21.31		
1.4	6	0		20.19	20.29	20.30		
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.27	-	21.52	0.1419
10	1	25		-	23.23	-		
10	1	49		-	23.10	-		
10	25	0		-	22.39	-		
10	25	12		-	22.37	-		
10	25	25		-	22.28	-		
10	50	0		-	22.37	-		
10	1	0	16-QAM	-	22.42	-	20.67	0.1167
10	1	25		-	22.36	-		
10	1	49		-	22.28	-		
10	25	0		-	21.34	-		
10	25	12		-	21.32	-		
10	25	25		-	21.24	-		
10	50	0		-	21.33	-		
10	1	0	64-QAM	-	21.35	-	19.60	0.0912
10	1	25		-	21.32	-		
10	1	49		-	21.23	-		
10	25	0		-	20.39	-		
10	25	12		-	20.35	-		
10	25	25		-	20.27	-		
10	50	0		-	20.31	-		
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.22	23.24	23.23	21.49	0.1409
5	1	12		23.20	23.22	23.17		
5	1	24		23.16	23.16	23.12		
5	12	0		22.33	22.31	22.31		
5	12	7		22.33	22.32	22.31		
5	12	13		22.29	22.26	22.26		
5	25	0		22.36	22.35	22.31		
5	1	0	16-QAM	22.34	22.45	22.29	20.70	0.1175
5	1	12		22.38	22.32	22.31		
5	1	24		22.34	22.37	22.35		
5	12	0		21.33	21.35	21.25		
5	12	7		21.34	21.28	21.24		
5	12	13		21.29	21.27	21.21		
5	25	0		21.33	21.30	21.29		
5	1	0	64-QAM	21.34	21.39	21.31	19.67	0.0927
5	1	12		21.42	21.33	21.35		
5	1	24		21.30	21.30	21.28		
5	12	0		20.36	20.37	20.32		
5	12	7		20.42	20.37	20.33		
5	12	13		20.32	20.27	20.29		
5	25	0		20.35	20.27	20.27		
Limit	ERP < 3W			Result			Pass	

LTE Band 14 Maximum Average Power [dBm] (GT - LC = 0.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.26	-	21.65	0.1462
10	1	25		-	23.25	-		
10	1	49		-	23.08	-		
10	25	0		-	22.46	-		
10	25	12		-	22.39	-		
10	25	25		-	22.30	-		
10	50	0		-	22.41	-		
10	1	0	16-QAM	-	22.44	-	20.90	0.1230
10	1	25		-	22.51	-		
10	1	49		-	22.25	-		
10	25	0		-	21.37	-		
10	25	12		-	21.39	-		
10	25	25		-	21.29	-		
10	50	0		-	21.38	-		
10	1	0	64-QAM	-	21.38	-	19.86	0.0968
10	1	25		-	21.47	-		
10	1	49		-	21.25	-		
10	25	0		-	20.42	-		
10	25	12		-	20.42	-		
10	25	25		-	20.31	-		
10	50	0		-	20.35	-		
Limit	ERP < 3W			Result			Pass	

LTE Band 14 Maximum Average Power [dBm] (GT - LC = 0.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.25	23.21	23.24	21.65	0.1462
5	1	12		23.16	23.25	23.19		
5	1	24		23.26	23.14	23.09		
5	12	0		22.29	22.39	22.35		
5	12	7		22.41	22.39	22.37		
5	12	13		22.40	22.32	22.16		
5	25	0		22.40	22.38	22.31		
5	1	0	16-QAM	22.37	22.39	22.49	20.88	0.1225
5	1	12		22.39	22.47	22.44		
5	1	24		22.48	22.39	22.31		
5	12	0		21.24	21.35	21.37		
5	12	7		21.40	21.37	21.36		
5	12	13		21.36	21.32	21.20		
5	25	0		21.37	21.35	21.34		
5	1	0	64-QAM	21.36	21.31	21.46	19.85	0.0966
5	1	12		21.30	21.41	21.40		
5	1	24		21.43	21.32	21.27		
5	12	0		20.33	20.39	20.37		
5	12	7		20.42	20.44	20.42		
5	12	13		20.39	20.35	20.22		
5	25	0		20.39	20.38	20.34		
Limit	ERP < 3W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 2.07 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.00	22.94	22.92	25.07	0.3214
20	1	49		22.97	22.87	22.86		
20	1	99		22.90	22.92	22.91		
20	50	0		22.05	21.94	21.89		
20	50	24		22.04	21.94	21.92		
20	50	50		21.98	21.87	21.87		
20	100	0		22.01	21.91	21.89		
20	1	0	16-QAM	22.37	22.27	22.20	24.44	0.2780
20	1	49		22.36	22.23	22.34		
20	1	99		22.22	22.33	22.19		
20	50	0		21.09	21.01	20.94		
20	50	24		21.10	21.02	21.00		
20	50	50		21.06	20.98	20.93		
20	100	0		21.07	21.03	20.97		
20	1	0	64-QAM	21.27	21.21	21.10	23.34	0.2158
20	1	49		21.23	21.23	21.12		
20	1	99		21.11	21.21	21.11		
20	50	0		20.10	20.01	19.97		
20	50	24		20.07	20.04	20.01		
20	50	50		20.06	19.97	19.97		
20	100	0		20.06	19.98	19.96		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 2.07 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.98	22.89	22.81	25.05	0.3199
15	1	37		22.92	22.82	22.82		
15	1	74		22.88	22.79	22.85		
15	36	0		22.01	21.80	21.84		
15	36	20		21.94	21.91	21.84		
15	36	39		21.89	21.82	21.80		
15	75	0		21.97	21.76	21.77		
15	1	0	16-QAM	22.33	22.25	22.06	24.40	0.2754
15	1	37		22.24	22.10	22.33		
15	1	74		22.20	22.20	22.15		
15	36	0		21.07	20.98	20.85		
15	36	20		20.99	20.90	20.89		
15	36	39		20.98	20.95	20.85		
15	75	0		21.03	20.99	20.87		
15	1	0	64-QAM	21.26	21.08	21.05	23.33	0.2153
15	1	37		21.21	21.20	21.04		
15	1	74		21.09	21.16	21.05		
15	36	0		20.08	19.96	19.86		
15	36	20		20.05	20.02	19.86		
15	36	39		20.03	19.90	19.88		
15	75	0		19.92	19.86	19.81		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 2.07 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.85	22.89	22.86	24.96	0.3133
10	1	25		22.89	22.82	22.74		
10	1	49		22.76	22.88	22.89		
10	25	0		22.01	21.88	21.84		
10	25	12		21.96	21.91	21.82		
10	25	25		21.94	21.76	21.81		
10	50	0		21.94	21.82	21.82		
10	1	0	16-QAM	22.33	22.14	22.19	24.40	0.2754
10	1	25		22.32	22.20	22.29		
10	1	49		22.17	22.21	22.11		
10	25	0		20.99	20.93	20.79		
10	25	12		21.03	20.90	20.95		
10	25	25		21.02	20.89	20.82		
10	50	0		21.01	20.99	20.89		
10	1	0	64-QAM	21.19	21.19	21.07	23.26	0.2118
10	1	25		21.18	21.18	21.02		
10	1	49		20.99	21.12	21.08		
10	25	0		19.99	19.98	19.88		
10	25	12		19.96	19.98	19.87		
10	25	25		20.02	19.83	19.94		
10	50	0		19.93	19.93	19.81		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 2.07 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.88	22.93	22.82	25.00	0.3162
5	1	12		22.91	22.74	22.72		
5	1	24		22.89	22.78	22.89		
5	12	0		21.95	21.81	21.87		
5	12	7		21.98	21.89	21.90		
5	12	13		21.88	21.79	21.84		
5	25	0		21.87	21.81	21.84		
5	1	0	16-QAM	22.30	22.13	22.07	24.40	0.2754
5	1	12		22.33	22.21	22.31		
5	1	24		22.19	22.22	22.11		
5	12	0		21.03	20.96	20.83		
5	12	7		20.96	20.87	20.92		
5	12	13		20.93	20.87	20.86		
5	25	0		21.00	20.97	20.87		
5	1	0	64-QAM	21.22	21.08	21.00	23.29	0.2133
5	1	12		21.11	21.18	21.00		
5	1	24		20.98	21.13	21.04		
5	12	0		20.07	19.96	19.92		
5	12	7		20.02	20.02	19.92		
5	12	13		19.96	19.86	19.91		
5	25	0		19.97	19.90	19.85		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 2.07 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	22.87	22.90	22.78	24.97	0.3141
3	1	8		22.83	22.74	22.80		
3	1	14		22.80	22.86	22.86		
3	8	0		21.92	21.81	21.84		
3	8	4		22.00	21.86	21.78		
3	8	7		21.93	21.73	21.78		
3	15	0		21.92	21.87	21.85		
3	1	0	16-QAM	22.32	22.20	22.10	24.39	0.2748
3	1	8		22.23	22.14	22.24		
3	1	14		22.16	22.26	22.13		
3	8	0		21.08	20.99	20.89		
3	8	4		21.06	20.93	20.92		
3	8	7		21.02	20.90	20.84		
3	15	0		20.99	21.02	20.85		
3	1	0	64-QAM	21.14	21.12	21.01	23.23	0.2104
3	1	8		21.11	21.16	21.10		
3	1	14		21.10	21.06	21.09		
3	8	0		20.01	19.89	19.87		
3	8	4		19.97	19.99	19.88		
3	8	7		19.98	19.91	19.90		
3	15	0		19.95	19.84	19.85		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 2.07 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	22.93	22.80	22.83	25.06	0.3206
1.4	1	3		22.99	22.86	22.84		
1.4	1	5		22.90	22.79	22.81		
1.4	3	0		22.94	22.84	22.89		
1.4	3	1		22.99	22.89	22.91		
1.4	3	3		22.96	22.83	22.91		
1.4	6	0		21.90	21.81	21.96		
1.4	1	0	16-QAM	22.34	22.18	22.07	24.49	0.2812
1.4	1	3		22.42	22.29	22.24		
1.4	1	5		22.22	22.17	22.12		
1.4	3	0		22.06	21.93	21.90		
1.4	3	1		22.04	22.00	21.91		
1.4	3	3		22.06	21.88	21.87		
1.4	6	0		21.10	20.98	21.04		
1.4	1	0	64-QAM	21.27	21.08	21.09	23.38	0.2178
1.4	1	3		21.31	21.16	21.23		
1.4	1	5		21.20	21.11	21.11		
1.4	3	0		21.14	21.02	21.03		
1.4	3	1		21.23	21.06	21.06		
1.4	3	3		21.15	21.01	21.01		
1.4	6	0		19.98	19.90	19.94		
Limit	EIRP < 2W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.74 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.16	22.99	23.24	21.83	0.1524
15	1	37		23.12	22.90	23.14		
15	1	74		23.09	23.18	23.13		
15	36	0		22.27	22.15	22.23		
15	36	20		22.25	22.21	22.30		
15	36	39		22.17	22.04	22.23		
15	75	0		22.23	22.14	22.29		
15	1	0	16-QAM	22.41	22.21	22.46	21.11	0.1291
15	1	37		22.42	22.19	22.36		
15	1	74		22.30	22.52	22.30		
15	36	0		21.26	21.34	21.22		
15	36	20		21.24	21.40	21.29		
15	36	39		21.13	21.29	21.20		
15	75	0		21.20	21.46	21.28		
15	1	0	64-QAM	21.38	21.41	21.43	20.02	0.1005
15	1	37		21.33	21.32	21.32		
15	1	74		21.23	21.04	21.25		
15	36	0		20.30	20.37	20.27		
15	36	20		20.22	20.27	20.33		
15	36	39		20.18	20.00	20.22		
15	75	0		20.22	20.18	20.27		
Limit	ERP < 7W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.74 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.01	23.04	23.10	21.70	0.1479
10	1	25		23.09	23.03	23.11		
10	1	49		22.87	22.90	23.00		
10	25	0		22.19	22.19	22.09		
10	25	12		22.14	22.20	22.22		
10	25	25		21.96	22.13	22.15		
10	50	0		22.12	22.25	22.14		
10	1	0	16-QAM	22.35	22.25	22.38	20.97	0.1250
10	1	25		22.28	22.32	22.22		
10	1	49		22.24	22.16	22.25		
10	25	0		21.18	21.23	21.16		
10	25	12		21.26	21.13	21.21		
10	25	25		21.19	20.97	21.13		
10	50	0		21.07	21.11	21.27		
10	1	0	64-QAM	21.29	21.25	21.42	20.01	0.1002
10	1	25		21.08	21.35	21.25		
10	1	49		21.24	21.24	21.22		
10	25	0		20.21	20.10	20.14		
10	25	12		20.19	20.19	20.25		
10	25	25		20.09	20.19	20.09		
10	50	0		20.22	20.07	20.24		
Limit	ERP < 7W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.74 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.02	22.99	23.23	21.82	0.1521
5	1	12		22.86	23.03	23.04		
5	1	24		22.84	23.03	22.99		
5	12	0		22.09	22.05	22.18		
5	12	7		22.29	22.04	22.27		
5	12	13		21.99	22.04	22.17		
5	25	0		22.05	22.17	22.14		
5	1	0	16-QAM	22.21	22.29	22.32	20.98	0.1253
5	1	12		22.27	22.39	22.26		
5	1	24		22.29	22.22	22.28		
5	12	0		21.18	21.17	21.08		
5	12	7		21.35	21.13	21.18		
5	12	13		21.19	21.05	21.11		
5	25	0		21.16	21.19	21.15		
5	1	0	64-QAM	21.30	21.37	21.40	19.99	0.0998
5	1	12		21.16	21.20	21.30		
5	1	24		21.16	21.00	21.13		
5	12	0		20.24	20.30	20.22		
5	12	7		20.24	20.08	20.19		
5	12	13		20.24	20.10	20.18		
5	25	0		20.24	20.26	20.19		
Limit	ERP < 7W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.74 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	22.97	23.03	23.23	21.82	0.1521
3	1	8		22.95	22.96	23.07		
3	1	14		22.83	23.02	23.03		
3	8	0		22.09	22.31	22.14		
3	8	4		22.10	22.10	22.21		
3	8	7		22.04	22.15	22.16		
3	15	0		22.08	22.17	22.14		
3	1	0	16-QAM	22.31	22.34	22.31	20.93	0.1239
3	1	8		22.20	22.32	22.25		
3	1	14		22.16	22.27	22.29		
3	8	0		21.18	21.31	21.08		
3	8	4		21.13	21.20	21.27		
3	8	7		21.01	21.04	21.16		
3	15	0		21.23	21.06	21.14		
3	1	0	64-QAM	21.28	21.21	21.37	19.96	0.0991
3	1	8		20.99	21.36	21.24		
3	1	14		21.33	21.15	21.21		
3	8	0		20.21	20.28	20.23		
3	8	4		20.37	20.02	20.20		
3	8	7		20.15	19.97	20.18		
3	15	0		20.14	20.19	20.22		
Limit	ERP < 7W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.74 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	22.95	23.02	23.14	21.89	0.1545
1.4	1	3		23.02	23.14	23.24		
1.4	1	5		23.01	23.00	23.17		
1.4	3	0		23.01	23.07	23.24		
1.4	3	1		23.04	23.12	23.30		
1.4	3	3		23.12	23.18	23.25		
1.4	6	0		22.17	22.16	22.30		
1.4	1	0	16-QAM	22.15	22.24	22.37	21.00	0.1259
1.4	1	3		22.17	22.32	22.41		
1.4	1	5		22.27	22.22	22.28		
1.4	3	0		22.04	22.17	22.19		
1.4	3	1		22.09	22.19	22.20		
1.4	3	3		21.94	22.07	22.10		
1.4	6	0		21.06	21.14	21.33		
1.4	1	0	64-QAM	21.10	21.21	21.31	19.92	0.0982
1.4	1	3		21.22	21.23	21.28		
1.4	1	5		21.23	21.25	21.24		
1.4	3	0		21.16	21.17	21.28		
1.4	3	1		21.28	21.22	21.33		
1.4	3	3		21.12	21.21	21.29		
1.4	6	0		20.08	20.19	20.22		
Limit	ERP < 7W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.74 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.12	-	-	21.71	0.1483
15	1	37		23.05	-	-		
15	1	74		23.06	-	-		
15	36	0		22.25	-	-		
15	36	20		22.30	-	-		
15	36	39		22.19	-	-		
15	75	0		22.27	-	-		
15	1	0	16-QAM	22.37	-	-	20.96	0.1247
15	1	37		22.30	-	-		
15	1	74		22.32	-	-		
15	36	0		21.23	-	-		
15	36	20		21.28	-	-		
15	36	39		21.20	-	-		
15	75	0		21.28	-	-		
15	1	0	64-QAM	21.32	-	-	19.91	0.0979
15	1	37		21.23	-	-		
15	1	74		21.24	-	-		
15	36	0		20.25	-	-		
15	36	20		20.31	-	-		
15	36	39		20.20	-	-		
15	75	0		20.25	-	-		
Limit	ERP < 100W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.74 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.05	-	21.70	0.1479
10	1	25		-	23.11	-		
10	1	49		-	23.00	-		
10	25	0		-	22.24	-		
10	25	12		-	22.18	-		
10	25	25		-	22.07	-		
10	50	0		-	22.20	-		
10	1	0	16-QAM	-	22.30	-	20.94	0.1242
10	1	25		-	22.35	-		
10	1	49		-	22.22	-		
10	25	0		-	21.20	-		
10	25	12		-	21.23	-		
10	25	25		-	21.00	-		
10	50	0		-	21.15	-		
10	1	0	64-QAM	-	21.28	-	19.88	0.0973
10	1	25		-	21.29	-		
10	1	49		-	21.20	-		
10	25	0		-	20.17	-		
10	25	12		-	20.15	-		
10	25	25		-	20.17	-		
10	50	0		-	20.10	-		
Limit	ERP < 100W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.74 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.06	23.05	23.04	21.65	0.1462
5	1	12		22.93	22.85	22.87		
5	1	24		22.94	22.95	22.96		
5	12	0		22.14	22.08	22.21		
5	12	7		22.21	22.18	22.15		
5	12	13		22.05	22.05	22.07		
5	25	0		22.13	22.09	22.10		
5	1	0	16-QAM	22.22	22.16	22.21	20.96	0.1247
5	1	12		22.19	22.12	22.14		
5	1	24		22.30	22.37	22.20		
5	12	0		21.09	21.10	21.16		
5	12	7		21.25	21.29	21.28		
5	12	13		21.17	21.21	21.13		
5	25	0		21.19	21.12	21.28		
5	1	0	64-QAM	21.30	21.38	21.35	19.97	0.0993
5	1	12		21.17	21.22	21.26		
5	1	24		21.14	21.20	21.05		
5	12	0		20.14	20.23	20.23		
5	12	7		20.27	20.30	20.26		
5	12	13		20.17	20.14	20.11		
5	25	0		20.20	20.16	20.22		
Limit	ERP < 100W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.74 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.00	22.95	22.94	21.59	0.1442
3	1	8		23.00	22.93	22.99		
3	1	14		22.92	22.91	22.94		
3	8	0		22.16	22.26	22.15		
3	8	4		22.18	22.10	22.21		
3	8	7		22.10	22.06	22.08		
3	15	0		22.12	22.14	22.10		
3	1	0	16-QAM	22.33	22.43	22.30	21.02	0.1265
3	1	8		22.20	22.12	22.15		
3	1	14		22.20	22.14	22.11		
3	8	0		21.21	21.14	21.12		
3	8	4		21.18	21.25	21.11		
3	8	7		21.06	21.08	21.03		
3	15	0		21.19	21.13	21.25		
3	1	0	64-QAM	21.27	21.24	21.37	19.96	0.0991
3	1	8		21.09	21.08	21.15		
3	1	14		21.23	21.32	21.27		
3	8	0		20.17	20.12	20.21		
3	8	4		20.28	20.31	20.33		
3	8	7		20.15	20.24	20.24		
3	15	0		20.15	20.17	20.19		
Limit	ERP < 100W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.74 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.00	23.09	23.05	21.75	0.1496
1.4	1	3		23.06	22.96	23.16		
1.4	1	5		22.98	22.94	22.97		
1.4	3	0		23.06	23.14	23.16		
1.4	3	1		23.10	23.10	23.07		
1.4	3	3		23.03	22.99	23.07		
1.4	6	0		22.11	22.07	22.18		
1.4	1	0	16-QAM	22.25	22.25	22.28	20.93	0.1239
1.4	1	3		22.24	22.15	22.23		
1.4	1	5		22.26	22.34	22.24		
1.4	3	0		22.04	21.99	22.02		
1.4	3	1		22.09	21.99	22.06		
1.4	3	3		22.03	22.12	21.96		
1.4	6	0		21.16	21.24	21.12		
1.4	1	0	64-QAM	21.19	21.22	21.15	19.88	0.0973
1.4	1	3		21.21	21.18	21.29		
1.4	1	5		21.15	21.18	21.24		
1.4	3	0		21.15	21.12	21.24		
1.4	3	1		21.20	21.23	21.25		
1.4	3	3		21.15	21.18	21.25		
1.4	6	0		20.08	20.02	20.14		
Limit	ERP < 100W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 0.74 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	-	23.19	-	21.78	0.1507
15	1	37		-	23.08	-		
15	1	74		-	23.11	-		
15	36	0		-	22.34	-		
15	36	20		-	22.29	-		
15	36	39		-	22.24	-		
15	75	0		-	22.25	-		
15	1	0	16-QAM	-	22.37	-	20.96	0.1247
15	1	37		-	22.20	-		
15	1	74		-	22.35	-		
15	36	0		-	21.19	-		
15	36	20		-	21.20	-		
15	36	39		-	21.24	-		
15	75	0		-	21.33	-		
15	1	0	64-QAM	-	21.25	-	19.89	0.0975
15	1	37		-	21.19	-		
15	1	74		-	21.30	-		
15	36	0		-	20.16	-		
15	36	20		-	20.21	-		
15	36	39		-	20.20	-		
15	75	0		-	20.35	-		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 0.74 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	22.95	-	21.57	0.1435
10	1	25		-	22.94	-		
10	1	49		-	22.98	-		
10	25	0		-	22.17	-		
10	25	12		-	22.17	-		
10	25	25		-	21.98	-		
10	50	0		-	22.32	-		
10	1	0	16-QAM	-	22.26	-	20.85	0.1216
10	1	25		-	22.20	-		
10	1	49		-	22.22	-		
10	25	0		-	21.15	-		
10	25	12		-	21.26	-		
10	25	25		-	21.06	-		
10	50	0		-	21.20	-		
10	1	0	64-QAM	-	21.10	-	19.88	0.0973
10	1	25		-	21.07	-		
10	1	49		-	21.29	-		
10	25	0		-	20.08	-		
10	25	12		-	20.13	-		
10	25	25		-	20.25	-		
10	50	0		-	20.15	-		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 0.74 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	-	22.99	-	21.58	0.1439
5	1	12		-	22.90	-		
5	1	24		-	22.87	-		
5	12	0		-	22.16	-		
5	12	7		-	22.26	-		
5	12	13		-	22.01	-		
5	25	0		-	22.17	-		
5	1	0	16-QAM	-	22.31	-	20.90	0.1230
5	1	12		-	22.12	-		
5	1	24		-	22.31	-		
5	12	0		-	21.06	-		
5	12	7		-	21.30	-		
5	12	13		-	21.07	-		
5	25	0		-	21.23	-		
5	1	0	64-QAM	-	21.38	-	19.97	0.0993
5	1	12		-	21.18	-		
5	1	24		-	21.12	-		
5	12	0		-	20.16	-		
5	12	7		-	20.30	-		
5	12	13		-	20.11	-		
5	25	0		-	20.19	-		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 0.74 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	-	22.91	-	21.58	0.1439
3	1	8		-	22.99	-		
3	1	14		-	22.95	-		
3	8	0		-	22.08	-		
3	8	4		-	22.15	-		
3	8	7		-	22.03	-		
3	15	0		-	22.16	-		
3	1	0	16-QAM	-	22.39	-	20.98	0.1253
3	1	8		-	22.11	-		
3	1	14		-	22.27	-		
3	8	0		-	21.19	-		
3	8	4		-	21.15	-		
3	8	7		-	21.05	-		
3	15	0		-	21.15	-		
3	1	0	64-QAM	-	21.34	-	19.93	0.0984
3	1	8		-	21.01	-		
3	1	14		-	21.24	-		
3	8	0		-	20.27	-		
3	8	4		-	20.29	-		
3	8	7		-	20.21	-		
3	15	0		-	20.12	-		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 0.74 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	-	22.95	-	21.64	0.1459
1.4	1	3		-	23.02	-		
1.4	1	5		-	22.97	-		
1.4	3	0		-	23.02	-		
1.4	3	1		-	23.04	-		
1.4	3	3		-	23.05	-		
1.4	6	0		-	22.08	-		
1.4	1	0	16-QAM	-	22.24	-	20.89	0.1227
1.4	1	3		-	22.30	-		
1.4	1	5		-	22.16	-		
1.4	3	0		-	22.08	-		
1.4	3	1		-	22.06	-		
1.4	3	3		-	22.11	-		
1.4	6	0		-	21.11	-		
1.4	1	0	64-QAM	-	21.14	-	19.89	0.0975
1.4	1	3		-	21.12	-		
1.4	1	5		-	21.23	-		
1.4	3	0		-	21.16	-		
1.4	3	1		-	21.30	-		
1.4	3	3		-	21.23	-		
1.4	6	0		-	20.10	-		
Limit	ERP < 7W			Result			Pass	

Part 27Q LTE Band 42 Maximum Average Power [dBm] (GT - LC = 1.78 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	17.94	18.23	18.44	20.22	0.1052
20	1	49		17.91	18.10	18.25		
20	1	99		17.97	18.05	18.22		
20	50	0		17.08	17.26	17.36		
20	50	24		17.03	17.21	17.34		
20	50	50		17.03	17.22	17.33		
20	100	0		17.07	17.17	17.32		
20	1	0	16-QAM	17.14	17.32	17.45	19.23	0.0838
20	1	49		17.09	17.20	17.38		
20	1	99		17.10	17.19	17.35		
20	50	0		16.17	16.37	16.47		
20	50	24		16.19	16.32	16.44		
20	50	50		16.18	16.25	16.43		
20	100	0		16.11	16.30	16.41		
20	1	0	64-QAM	15.68	15.93	16.03	17.81	0.0604
20	1	49		15.63	15.85	15.95		
20	1	99		15.75	15.82	16.02		
20	50	0		15.10	15.19	15.37		
20	50	24		15.14	15.24	15.42		
20	50	50		15.11	15.20	15.39		
20	100	0		15.06	15.27	15.38		
Limit	EIRP < 1W			Result			Pass	

Part 27Q LTE Band 42 Maximum Average Power [dBm] (GT - LC = 1.78 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	17.85	18.12	18.36	20.14	0.1033
15	1	37		17.85	18.08	18.19		
15	1	74		17.86	17.95	18.16		
15	36	0		17.03	17.12	17.27		
15	36	20		16.94	17.11	17.30		
15	36	39		16.89	17.20	17.31		
15	75	0		16.92	17.07	17.25		
15	1	0	16-QAM	17.01	17.30	17.43	19.21	0.0834
15	1	37		16.95	17.13	17.30		
15	1	74		17.09	17.08	17.29		
15	36	0		16.10	16.22	16.37		
15	36	20		16.15	16.22	16.39		
15	36	39		16.05	16.12	16.39		
15	75	0		16.09	16.22	16.33		
15	1	0	64-QAM	15.62	15.88	15.94	17.72	0.0592
15	1	37		15.59	15.74	15.93		
15	1	74		15.71	15.71	15.94		
15	36	0		14.97	15.10	15.23		
15	36	20		15.04	15.23	15.41		
15	36	39		15.00	15.17	15.31		
15	75	0		14.98	15.16	15.34		
Limit	EIRP < 1W			Result			Pass	

Part 27Q LTE Band 42 Maximum Average Power [dBm] (GT - LC = 1.78 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	17.92	18.11	18.39	20.17	0.1040
10	1	25		17.82	18.06	18.11		
10	1	49		17.87	17.99	18.14		
10	25	0		16.95	17.22	17.28		
10	25	12		16.93	17.12	17.26		
10	25	25		16.88	17.07	17.20		
10	50	0		16.95	17.15	17.17		
10	1	0	16-QAM	17.04	17.21	17.38	19.16	0.0824
10	1	25		17.04	17.15	17.34		
10	1	49		17.03	17.06	17.24		
10	25	0		16.08	16.35	16.39		
10	25	12		16.13	16.27	16.43		
10	25	25		16.10	16.16	16.37		
10	50	0		16.01	16.25	16.37		
10	1	0	64-QAM	15.59	15.89	16.02	17.80	0.0603
10	1	25		15.55	15.81	15.89		
10	1	49		15.65	15.78	15.88		
10	25	0		15.01	15.18	15.35		
10	25	12		15.10	15.17	15.38		
10	25	25		15.09	15.15	15.38		
10	50	0		15.02	15.17	15.25		
Limit	EIRP < 1W			Result			Pass	

Part 27Q LTE Band 42 Maximum Average Power [dBm] (GT - LC = 1.78 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	17.90	18.17	18.41	20.19	0.1045
5	1	12		17.80	18.03	18.23		
5	1	24		17.91	17.93	18.21		
5	12	0		17.02	17.23	17.24		
5	12	7		16.96	17.20	17.30		
5	12	13		17.02	17.09	17.21		
5	25	0		16.99	17.04	17.25		
5	1	0	16-QAM	17.02	17.27	17.41	19.19	0.0830
5	1	12		17.02	17.18	17.33		
5	1	24		17.02	17.15	17.21		
5	12	0		16.16	16.23	16.39		
5	12	7		16.14	16.21	16.30		
5	12	13		16.14	16.13	16.35		
5	25	0		16.06	16.22	16.35		
5	1	0	64-QAM	15.62	15.92	15.98	17.76	0.0597
5	1	12		15.60	15.75	15.81		
5	1	24		15.70	15.77	15.94		
5	12	0		15.07	15.12	15.24		
5	12	7		15.00	15.19	15.27		
5	12	13		14.99	15.14	15.29		
5	25	0		15.04	15.22	15.26		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 2.43 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.92	22.91	22.71	25.35	0.3428
20	1	49		22.91	22.89	22.70		
20	1	99		22.88	22.82	22.67		
20	50	0		22.03	21.97	21.79		
20	50	24		22.00	21.97	21.81		
20	50	50		21.99	21.96	21.78		
20	100	0		21.98	21.97	21.78		
20	1	0	16-QAM	22.11	22.26	21.95	24.71	0.2958
20	1	49		22.22	22.17	21.96		
20	1	99		22.28	22.10	21.97		
20	50	0		20.98	20.98	20.80		
20	50	24		21.05	21.03	20.81		
20	50	50		20.99	20.99	20.79		
20	100	0		20.97	20.98	20.77		
20	1	0	64-QAM	21.08	21.17	20.92	23.60	0.2291
20	1	49		21.14	21.14	20.92		
20	1	99		21.17	21.08	20.87		
20	50	0		19.98	20.01	19.79		
20	50	24		20.01	20.02	19.82		
20	50	50		20.01	19.99	19.77		
20	100	0		19.99	20.00	19.75		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 2.43 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.81	22.77	22.67	25.24	0.3342
15	1	37		22.80	22.77	22.65		
15	1	74		22.73	22.75	22.60		
15	36	0		21.99	21.83	21.73		
15	36	20		21.97	21.85	21.75		
15	36	39		21.93	21.93	21.73		
15	75	0		21.92	21.83	21.66		
15	1	0	16-QAM	22.03	22.22	21.82	24.68	0.2938
15	1	37		22.08	22.02	21.84		
15	1	74		22.25	22.05	21.96		
15	36	0		20.88	20.91	20.70		
15	36	20		20.91	21.02	20.79		
15	36	39		20.95	20.97	20.64		
15	75	0		20.83	20.85	20.66		
15	1	0	64-QAM	21.00	21.12	20.89	23.55	0.2265
15	1	37		21.01	21.04	20.79		
15	1	74		21.09	21.00	20.84		
15	36	0		19.97	19.99	19.75		
15	36	20		19.90	19.98	19.78		
15	36	39		19.88	19.91	19.66		
15	75	0		19.90	19.89	19.72		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 2.43 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.89	22.83	22.66	25.32	0.3404
10	1	25		22.79	22.87	22.57		
10	1	49		22.86	22.69	22.64		
10	25	0		21.95	21.86	21.74		
10	25	12		21.91	21.89	21.76		
10	25	25		21.88	21.94	21.71		
10	50	0		21.95	21.90	21.75		
10	1	0	16-QAM	22.02	22.24	21.85	24.69	0.2944
10	1	25		22.08	22.06	21.94		
10	1	49		22.26	22.06	21.88		
10	25	0		20.94	20.90	20.74		
10	25	12		21.01	20.95	20.71		
10	25	25		20.93	20.87	20.72		
10	50	0		20.92	20.96	20.64		
10	1	0	64-QAM	20.94	21.10	20.82	23.53	0.2254
10	1	25		21.04	21.05	20.91		
10	1	49		21.05	20.99	20.77		
10	25	0		19.83	19.86	19.75		
10	25	12		19.99	19.94	19.81		
10	25	25		19.88	19.90	19.67		
10	50	0		19.95	19.90	19.65		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 2.43 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.87	22.83	22.68	25.30	0.3388
5	1	12		22.87	22.75	22.55		
5	1	24		22.79	22.77	22.62		
5	12	0		21.99	21.90	21.77		
5	12	7		21.95	21.83	21.79		
5	12	13		21.87	21.90	21.64		
5	25	0		21.90	21.86	21.68		
5	1	0	16-QAM	21.97	22.13	21.91	24.63	0.2904
5	1	12		22.20	22.08	21.82		
5	1	24		22.16	21.98	21.83		
5	12	0		20.89	20.86	20.66		
5	12	7		20.94	20.91	20.78		
5	12	13		20.95	20.90	20.65		
5	25	0		20.91	20.97	20.73		
5	1	0	64-QAM	20.99	21.15	20.79	23.59	0.2286
5	1	12		21.03	21.07	20.86		
5	1	24		21.16	21.03	20.82		
5	12	0		19.96	20.00	19.78		
5	12	7		19.91	19.97	19.69		
5	12	13		19.91	19.87	19.75		
5	25	0		19.90	19.91	19.71		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 2.43 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	22.81	22.79	22.57	25.24	0.3342
3	1	8		22.77	22.77	22.64		
3	1	14		22.81	22.74	22.53		
3	8	0		21.96	21.85	21.70		
3	8	4		21.92	21.91	21.68		
3	8	7		21.95	21.93	21.64		
3	15	0		21.87	21.85	21.65		
3	1	0	16-QAM	22.10	22.15	21.89	24.60	0.2884
3	1	8		22.16	22.14	21.84		
3	1	14		22.17	22.01	21.92		
3	8	0		20.86	20.90	20.73		
3	8	4		20.94	20.92	20.78		
3	8	7		20.93	20.84	20.75		
3	15	0		20.96	20.96	20.71		
3	1	0	64-QAM	20.97	21.07	20.85	23.58	0.2280
3	1	8		21.08	21.02	20.86		
3	1	14		21.15	21.04	20.79		
3	8	0		19.84	19.98	19.66		
3	8	4		19.96	19.92	19.71		
3	8	7		19.94	19.96	19.72		
3	15	0		19.87	19.91	19.72		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 2.43 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	22.83	22.78	22.59	25.40	0.3467
1.4	1	3		22.91	22.87	22.69		
1.4	1	5		22.84	22.77	22.61		
1.4	3	0		22.89	22.87	22.67		
1.4	3	1		22.97	22.89	22.72		
1.4	3	3		22.90	22.86	22.69		
1.4	6	0		21.93	21.92	21.72		
1.4	1	0	16-QAM	22.03	22.13	21.87	24.63	0.2904
1.4	1	3		22.12	22.20	22.05		
1.4	1	5		22.02	22.17	21.89		
1.4	3	0		21.85	21.90	21.66		
1.4	3	1		21.90	21.90	21.71		
1.4	3	3		21.84	21.88	21.71		
1.4	6	0		21.01	20.99	20.76		
1.4	1	0	64-QAM	21.03	21.11	20.84	23.55	0.2265
1.4	1	3		21.07	21.12	20.88		
1.4	1	5		21.00	21.07	20.84		
1.4	3	0		20.98	21.07	20.83		
1.4	3	1		21.04	21.08	20.83		
1.4	3	3		21.01	21.03	20.79		
1.4	6	0		19.90	19.92	19.68		
Limit	EIRP < 1W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -0.62 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	23.19	23.26	23.36	20.59	0.1146
20	1	49		23.19	23.22	23.25		
20	1	99		23.13	23.12	23.13		
20	50	0		22.34	22.48	22.36		
20	50	24		22.34	22.40	22.34		
20	50	50		22.37	22.27	22.26		
20	100	0		22.35	22.37	22.33		
20	1	0	16-QAM	22.40	22.48	22.53	19.76	0.0946
20	1	49		22.40	22.52	22.50		
20	1	99		22.44	22.39	22.28		
20	50	0		21.33	21.44	21.33		
20	50	24		21.34	21.39	21.33		
20	50	50		21.34	21.24	21.24		
20	100	0		21.30	21.32	21.34		
20	1	0	64-QAM	21.38	21.44	21.48	18.71	0.0743
20	1	49		21.39	21.38	21.43		
20	1	99		21.33	21.35	21.25		
20	50	0		20.34	20.44	20.36		
20	50	24		20.34	20.36	20.38		
20	50	50		20.35	20.27	20.23		
20	100	0		20.35	20.35	20.31		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -0.62 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.14	23.12	23.26	20.49	0.1119
15	1	37		23.09	23.11	23.22		
15	1	74		23.10	23.05	23.10		
15	36	0		22.33	22.36	22.33		
15	36	20		22.20	22.26	22.22		
15	36	39		22.22	22.23	22.22		
15	75	0		22.30	22.30	22.25		
15	1	0	16-QAM	22.34	22.44	22.49	19.72	0.0938
15	1	37		22.34	22.40	22.37		
15	1	74		22.34	22.25	22.21		
15	36	0		21.32	21.30	21.22		
15	36	20		21.30	21.33	21.25		
15	36	39		21.32	21.17	21.13		
15	75	0		21.28	21.25	21.23		
15	1	0	64-QAM	21.35	21.43	21.42	18.66	0.0735
15	1	37		21.36	21.33	21.38		
15	1	74		21.26	21.22	21.11		
15	36	0		20.30	20.39	20.34		
15	36	20		20.31	20.22	20.30		
15	36	39		20.29	20.14	20.08		
15	75	0		20.34	20.20	20.28		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -0.62 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.09	23.25	23.26	20.49	0.1119
10	1	25		23.10	23.07	23.23		
10	1	49		23.02	23.04	23.02		
10	25	0		22.22	22.33	22.30		
10	25	12		22.26	22.37	22.20		
10	25	25		22.33	22.17	22.13		
10	50	0		22.23	22.28	22.21		
10	1	0	16-QAM	22.26	22.38	22.42	19.71	0.0935
10	1	25		22.28	22.48	22.46		
10	1	49		22.29	22.35	22.17		
10	25	0		21.31	21.38	21.22		
10	25	12		21.30	21.24	21.18		
10	25	25		21.26	21.20	21.13		
10	50	0		21.22	21.26	21.26		
10	1	0	64-QAM	21.36	21.31	21.41	18.64	0.0731
10	1	25		21.34	21.33	21.31		
10	1	49		21.27	21.33	21.16		
10	25	0		20.25	20.33	20.32		
10	25	12		20.32	20.26	20.27		
10	25	25		20.25	20.16	20.20		
10	50	0		20.32	20.22	20.20		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -0.62 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.07	23.12	23.33	20.56	0.1138
5	1	12		23.14	23.17	23.24		
5	1	24		23.09	23.09	23.04		
5	12	0		22.25	22.40	22.30		
5	12	7		22.27	22.27	22.31		
5	12	13		22.31	22.20	22.23		
5	25	0		22.29	22.30	22.28		
5	1	0	16-QAM	22.37	22.33	22.47	19.72	0.0938
5	1	12		22.34	22.49	22.45		
5	1	24		22.42	22.36	22.14		
5	12	0		21.29	21.35	21.24		
5	12	7		21.24	21.34	21.26		
5	12	13		21.32	21.17	21.22		
5	25	0		21.24	21.23	21.23		
5	1	0	64-QAM	21.37	21.37	21.41	18.64	0.0731
5	1	12		21.27	21.25	21.36		
5	1	24		21.25	21.33	21.18		
5	12	0		20.28	20.37	20.22		
5	12	7		20.27	20.32	20.25		
5	12	13		20.26	20.26	20.17		
5	25	0		20.23	20.32	20.21		
Limit	ERP < 3W			Result			Pass	

Part 27P LTE Band 106 Maximum Average Power [dBm] (GT - LC = 0.21 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	-	23.33	-	21.39	0.1377
3	1	8		-	23.28	-		
3	1	14		-	23.31	-		
3	8	0		-	22.42	-		
3	8	4		-	22.38	-		
3	8	7		-	22.40	-		
3	15	0		-	22.40	-		
3	1	0	16-QAM	-	22.49	-	20.55	0.1135
3	1	8		-	22.45	-		
3	1	14		-	22.48	-		
3	8	0		-	21.44	-		
3	8	4		-	21.42	-		
3	8	7		-	21.41	-		
3	15	0		-	21.40	-		
3	1	0	64-QAM	-	21.47	-	19.53	0.0897
3	1	8		-	21.46	-		
3	1	14		-	21.42	-		
3	8	0		-	20.39	-		
3	8	4		-	20.44	-		
3	8	7		-	20.41	-		
3	15	0		-	20.42	-		
Limit	ERP < 3W			Result			Pass	

Part 27P LTE Band 106 Maximum Average Power [dBm] (GT - LC = 0.21 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.20	23.23	23.24	21.30	0.1349
1.4	1	3		23.14	23.22	23.06		
1.4	1	5		23.20	23.22	23.11		
1.4	3	0		23.16	23.20	23.10		
1.4	3	1		23.20	23.22	23.10		
1.4	3	3		23.11	23.21	23.08		
1.4	6	0		22.26	22.35	22.17		
1.4	1	0	16-QAM	22.38	22.42	22.35	20.48	0.1117
1.4	1	3		22.30	22.40	22.23		
1.4	1	5		22.32	22.38	22.27		
1.4	3	0		22.16	22.25	22.15		
1.4	3	1		22.20	22.26	22.11		
1.4	3	3		22.19	22.23	22.18		
1.4	6	0		21.33	21.40	21.30		
1.4	1	0	64-QAM	21.83	21.86	21.76	19.95	0.0989
1.4	1	3		21.80	21.89	21.72		
1.4	1	5		21.80	21.82	21.71		
1.4	3	0		21.77	21.78	21.75		
1.4	3	1		21.73	21.79	21.66		
1.4	3	3		21.73	21.75	21.65		
1.4	6	0		20.75	20.79	20.74		
Limit	ERP < 3W			Result			Pass	

Appendix A. Test Results of Conducted Test

Conducted Output Power (Average power and ERI/EIRP)										
LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = 0.74 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	22.17	22.26	22.21	22.39	0.1734
10+10	1	0	1	49		13.62	13.66	13.66		
10+10	1	49	1	0		23.73	23.72	23.80		
10+10	50	0	50	0	16-QAM	21.15	21.20	21.16	22.51	0.1782
10+10	1	0	1	49		14.03	14.14	14.13		
10+10	1	49	1	0		23.92	23.83	23.91		
10+5	50	0	25	0	QPSK	22.17	22.15	22.11	22.34	0.1714
10+5	1	0	1	24		14.13	14.13	14.17		
10+5	1	49	1	0		23.73	23.61	23.75		
10+5	50	0	25	0	16-QAM	21.15	21.18	21.08	22.51	0.1782
10+5	1	0	1	24		14.48	14.64	14.64		
10+5	1	49	1	0		23.84	23.92	23.86		
5+10	25	0	50	0	QPSK	22.21	22.18	22.14	22.34	0.1714
5+10	1	0	1	49		14.12	14.13	14.14		
5+10	1	24	1	0		23.72	23.71	23.75		
5+10	25	0	50	0	16-QAM	21.19	21.20	21.16	22.51	0.1782
5+10	1	0	1	49		14.57	14.63	14.50		
5+10	1	24	1	0		23.84	23.86	23.92		
Limit	ERP < 7W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 2.76 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	21.66	21.50	21.69	25.48	0.3532
20+20	1	0	1	99		15.42	15.17	15.13		
20+20	1	99	1	0		22.37	22.30	22.72		
20+20	100	0	100	0	16-QAM	20.63	20.46	20.65	25.93	0.3917
20+20	1	0	1	99		15.69	15.43	15.35		
20+20	1	99	1	0		22.60	22.64	23.17		
20+15	100	0	75	0	QPSK	21.63	21.56	21.68	25.43	0.3491
20+15	1	0	1	74		15.37	15.06	15.12		
20+15	1	99	1	0		22.33	22.42	22.67		
20+15	100	0	75	0	16-QAM	20.64	20.50	20.75	25.82	0.3819
20+15	1	0	1	74		15.67	15.46	15.47		
20+15	1	99	1	0		22.65	22.80	23.06		
15+20	75	0	100	0	QPSK	21.70	21.45	21.68	25.40	0.3467
15+20	1	0	1	99		15.36	15.03	15.11		
15+20	1	74	1	0		22.43	22.31	22.64		
15+20	75	0	100	0	16-QAM	20.75	20.50	20.66	25.74	0.3750
15+20	1	0	1	99		15.73	15.33	15.30		
15+20	1	74	1	0		22.77	22.63	22.98		
Limit	EIRP < 2W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 2.76 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	21.57	21.51	21.67	25.47	0.3524
20+10	1	0	1	49		15.31	14.99	15.12		
20+10	1	99	1	0		22.23	22.35	22.71		
20+10	100	0	50	0	16-QAM	20.63	20.49	20.72	25.65	0.3673
20+10	1	0	1	49		15.62	15.46	15.37		
20+10	1	99	1	0		22.56	22.72	22.89		
10+20	50	0	100	0	QPSK	21.75	21.42	21.65	25.35	0.3428
10+20	1	0	1	99		15.31	14.99	15.07		
10+20	1	49	1	0		22.48	22.22	22.59		
10+20	50	0	100	0	16-QAM	20.77	20.45	20.66	25.78	0.3784
10+20	1	0	1	99		15.57	15.33	15.39		
10+20	1	49	1	0		22.88	22.46	23.02		
15+15	75	0	75	0	QPSK	21.70	21.49	21.61	25.32	0.3404
15+15	1	0	1	74		15.30	14.95	15.10		
15+15	1	74	1	0		22.41	22.32	22.56		
15+15	75	0	75	0	16-QAM	20.68	20.43	20.64	25.67	0.3690
15+15	1	0	1	74		15.66	15.23	15.37		
15+15	1	74	1	0		22.70	22.50	22.91		
Limit	EIRP < 2W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 2.76 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	50	0	QPSK	21.79	21.51	21.90	26.74	0.4721
15+10	1	0	1	49		15.36	15.06	15.29		
15+10	1	74	1	0		23.71	23.59	23.98		
15+10	75	0	50	0	16-QAM	20.79	20.55	20.87	26.12	0.4093
15+10	1	0	1	49		15.78	15.41	15.54		
15+10	1	74	1	0		23.09	22.87	23.36		
Limit	EIRP < 2W					Result			Pass	

LTE Band 42C_27Q CA Maximum Average Power [dBm] (GT - LC = 1.78 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	9.98	10.45	10.44	20.76	0.1191
20+20	1	0	1	99		-1.01	-0.92	-0.62		
20+20	1	99	1	0		18.28	18.98	18.79		
20+20	100	0	100	0	16-QAM	10.02	10.51	10.48	21.23	0.1327
20+20	1	0	1	99		-0.58	-0.43	-0.14		
20+20	1	99	1	0		18.75	19.45	19.28		
20+20	100	0	100	0	64-QAM	9.97	10.48	10.45	18.42	0.0695
20+20	1	0	1	99		-0.91	-0.77	-0.46		
20+20	1	99	1	0		15.96	16.64	16.46		
20+15	100	0	75	0	QPSK	9.99	10.51	10.39	20.74	0.1186
20+15	1	0	1	74		-1.04	-0.84	-0.68		
20+15	1	99	1	0		18.26	18.96	18.77		
20+15	100	0	75	0	16-QAM	9.64	10.54	10.44	21.23	0.1327
20+15	1	0	1	74		-0.60	-0.40	-0.20		
20+15	1	99	1	0		18.77	19.45	19.29		
20+15	100	0	75	0	64-QAM	9.96	10.51	10.41	18.42	0.0695
20+15	1	0	1	74		-0.93	-0.70	-0.54		
20+15	1	99	1	0		15.94	16.64	16.45		
15+20	75	0	100	0	QPSK	9.98	10.44	10.39	20.74	0.1186
15+20	1	0	1	99		-1.06	-0.84	-0.69		
15+20	1	74	1	0		18.25	18.96	18.79		
15+20	75	0	100	0	16-QAM	9.98	10.53	10.42	21.24	0.1330
15+20	1	0	1	99		-0.64	-0.41	-0.23		
15+20	1	74	1	0		18.75	19.46	19.27		
15+20	75	0	100	0	64-QAM	9.98	10.48	10.40	18.39	0.0690
15+20	1	0	1	99		-0.95	-0.71	-0.52		
15+20	1	74	1	0		15.91	16.61	16.44		
Limit	EIRP < 1W					Result			Pass	

LTE Band 42C_27Q CA Maximum Average Power [dBm] (GT - LC = 1.78 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	10.99	11.55	11.38	20.79	0.1199
20+10	1	0	1	49		-1.05	-0.75	-0.72		
20+10	1	99	1	0		18.34	19.01	18.84		
20+10	100	0	50	0	16-QAM	10.55	11.55	11.39	21.31	0.1352
20+10	1	0	1	49		-0.63	-0.30	-0.26		
20+10	1	99	1	0		18.84	19.53	19.44		
20+10	100	0	50	0	64-QAM	10.95	11.52	11.36	18.55	0.0716
20+10	1	0	1	49		-0.96	-0.62	-0.42		
20+10	1	99	1	0		16.02	16.70	16.77		
10+20	50	0	100	0	QPSK	10.91	11.50	11.39	20.68	0.1169
10+20	1	0	1	99		-1.06	-0.80	-0.68		
10+20	1	49	1	0		18.20	18.90	18.76		
10+20	50	0	100	0	16-QAM	10.92	11.52	11.43	21.21	0.1321
10+20	1	0	1	99		-0.62	-0.32	-0.24		
10+20	1	49	1	0		18.70	19.43	19.26		
10+20	50	0	100	0	64-QAM	10.90	11.47	11.36	18.36	0.0685
10+20	1	0	1	99		-0.95	-0.67	-0.58		
10+20	1	49	1	0		15.86	16.58	16.47		
20+5	100	0	25	0	QPSK	10.95	11.55	11.44	15.74	0.0375
20+5	1	0	1	24		-1.09	-0.68	-0.70		
20+5	1	99	1	0		13.28	13.96	13.83		
20+5	100	0	25	0	16-QAM	10.96	11.58	11.45	16.22	0.0419
20+5	1	0	1	24		-0.59	-0.17	-0.20		
20+5	1	99	1	0		13.76	14.44	14.30		
20+5	100	0	25	0	64-QAM	10.92	11.59	11.42	15.75	0.0376
20+5	1	0	1	24		-0.91	-0.48	-0.51		
20+5	1	99	1	0		13.37	13.97	13.78		
Limit	EIRP < 1W					Result			Pass	

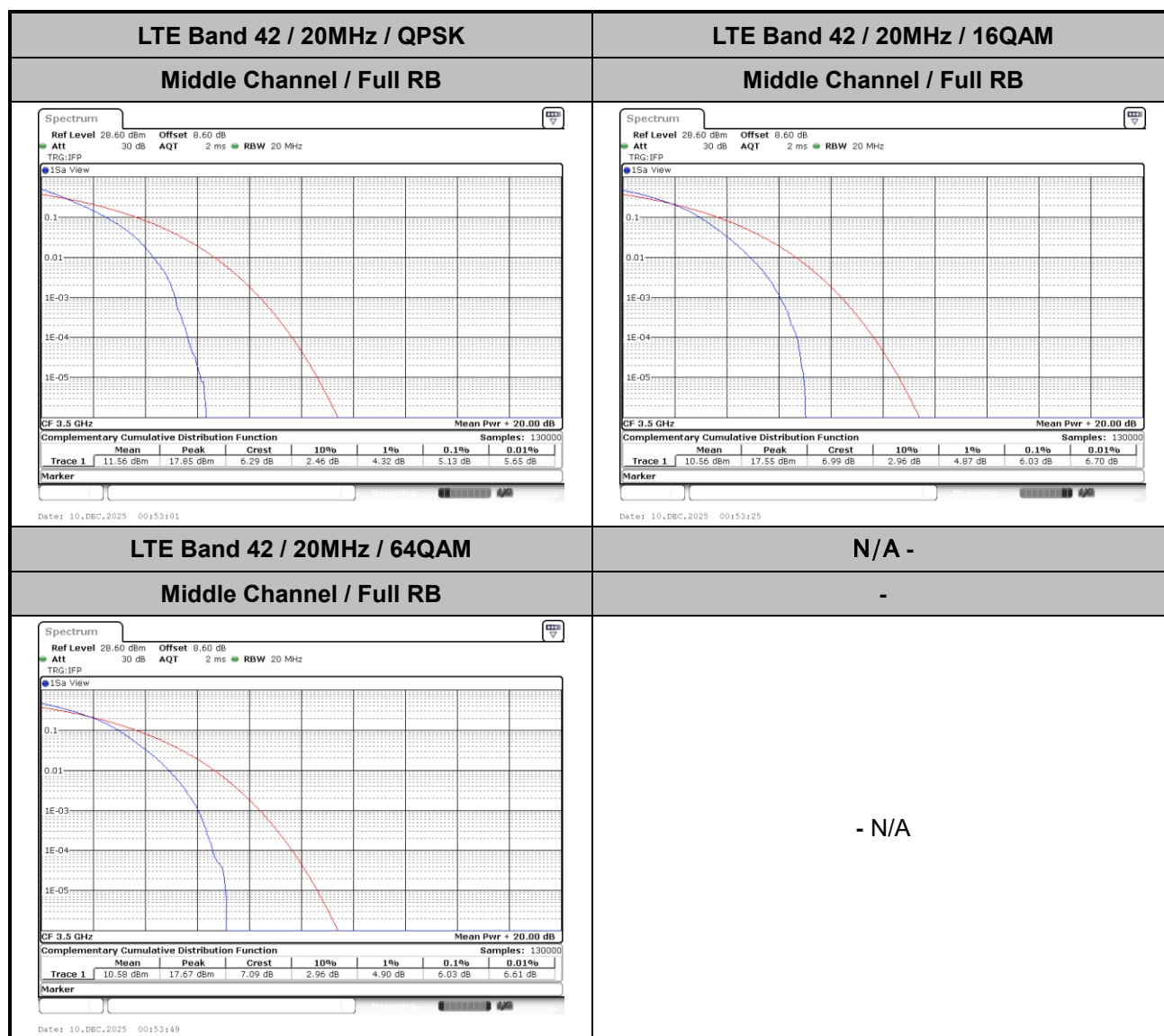
LTE Band 42C_27Q CA Maximum Average Power [dBm] (GT - LC = 1.78 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	10.92	11.38	11.35	17.15	0.0519
5+20	1	0	1	99		-1.11	-0.72	-0.72		
5+20	1	24	1	0		14.85	15.37	15.34		
5+20	25	0	100	0	16-QAM	10.94	11.39	11.35	17.62	0.0578
5+20	1	0	1	99		-0.67	-0.22	-0.29		
5+20	1	24	1	0		15.26	15.84	15.76		
5+20	25	0	100	0	64-QAM	10.86	11.38	11.31	17.28	0.0535
5+20	1	0	1	99		-1.00	-0.62	-0.62		
5+20	1	24	1	0		15.00	15.50	15.43		
Limit	EIRP < 1W					Result			Pass	



LTE Band 42

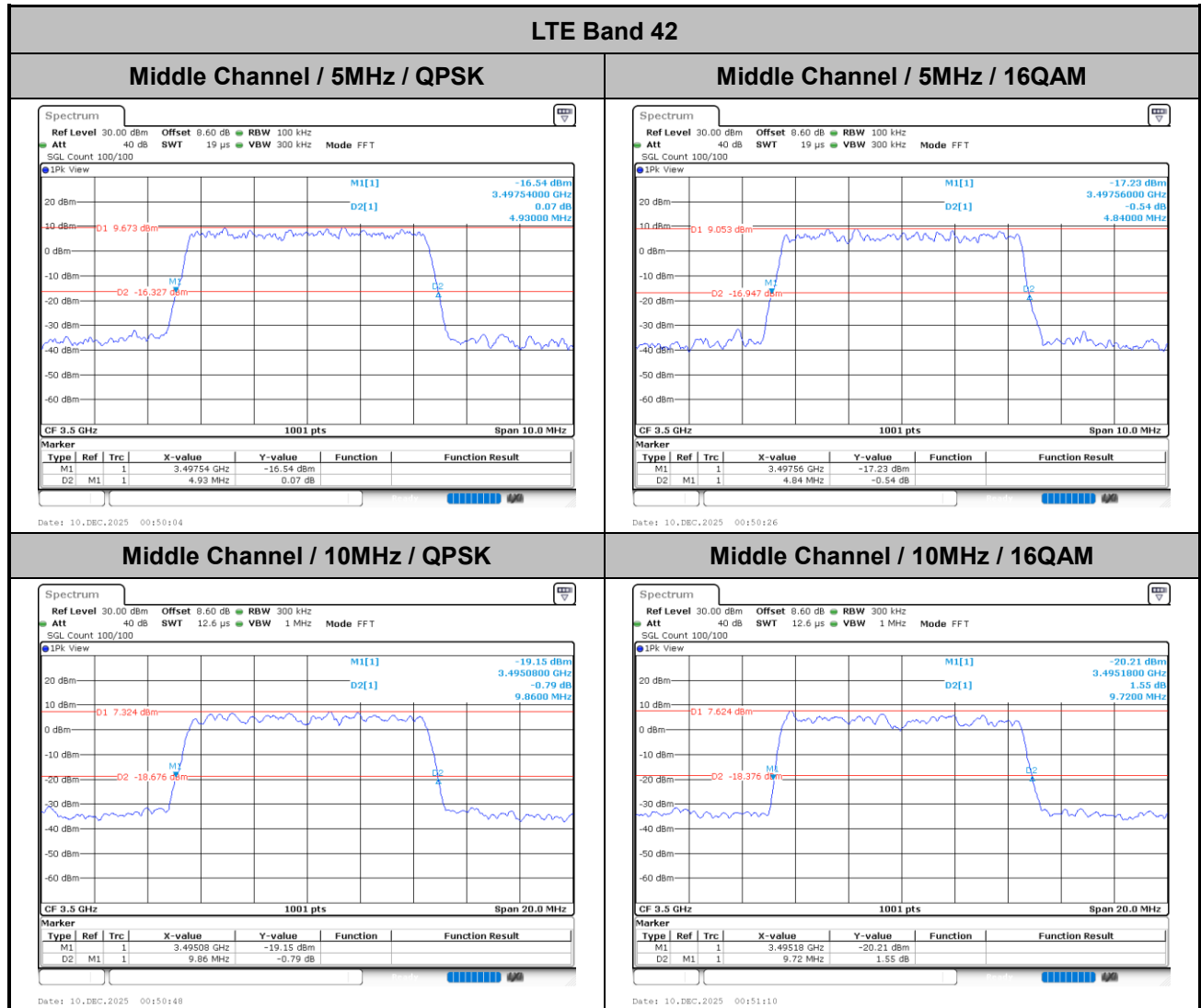
Peak-to-Average Ratio

Mode	LTE Band 42 / 20MHz				
Mod.	QPSK	16QAM	64QAM	N/A	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	N/A	Result
Middle CH	5.13	6.03	6.03	N/A	PASS



**26dB Bandwidth**

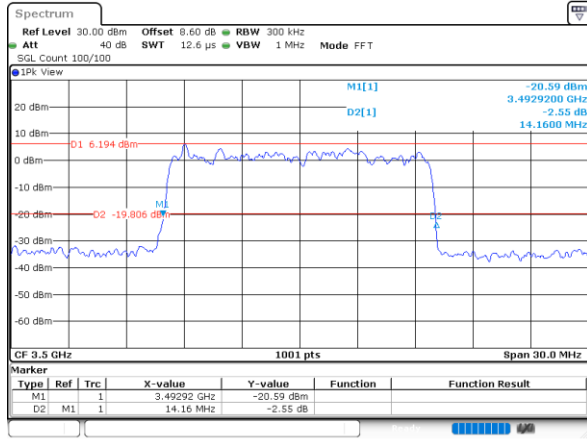
Mode	LTE Band 42 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.93	4.84	9.86	9.72	14.16	14.28	19.08	18.92



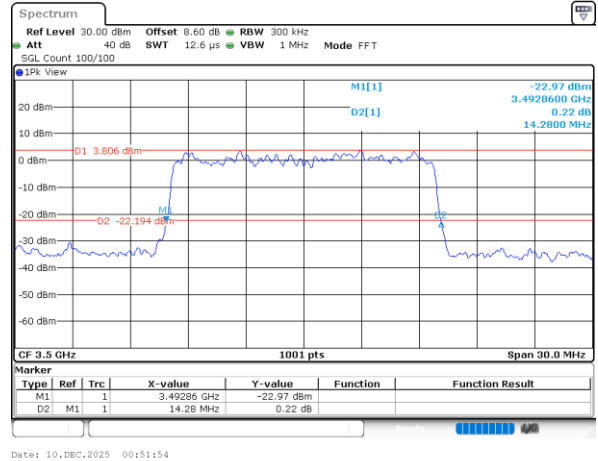


LTE Band 42

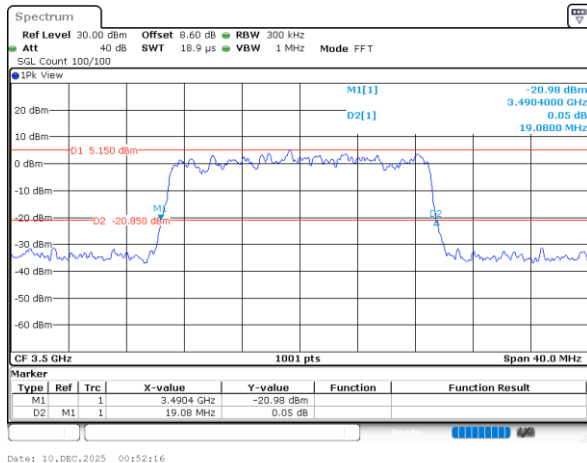
Middle Channel / 15MHz / QPSK



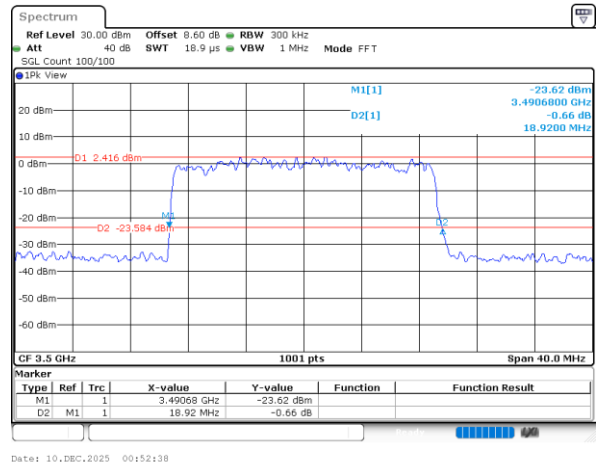
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



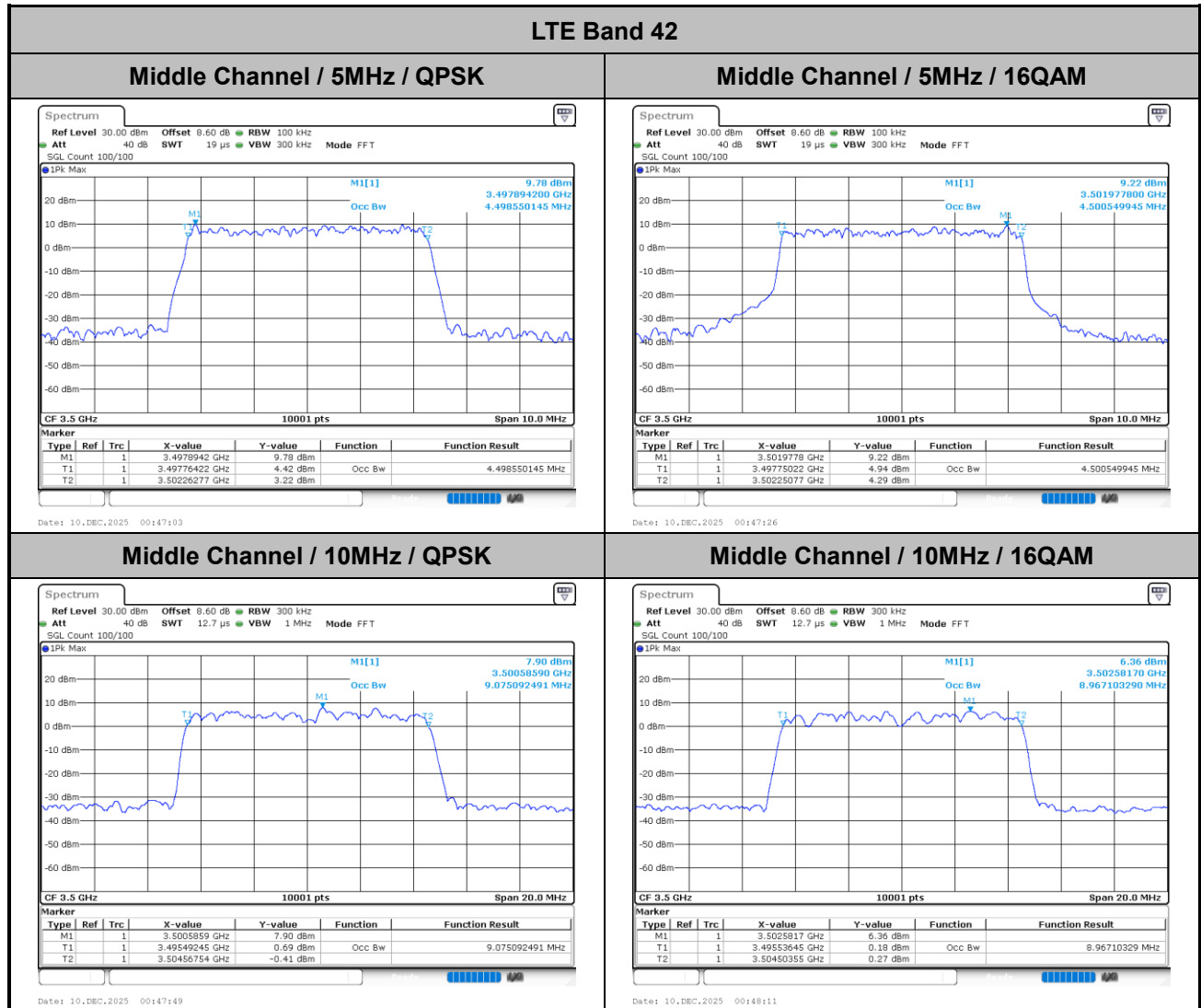
Middle Channel / 20MHz / 16QAM





Occupied Bandwidth

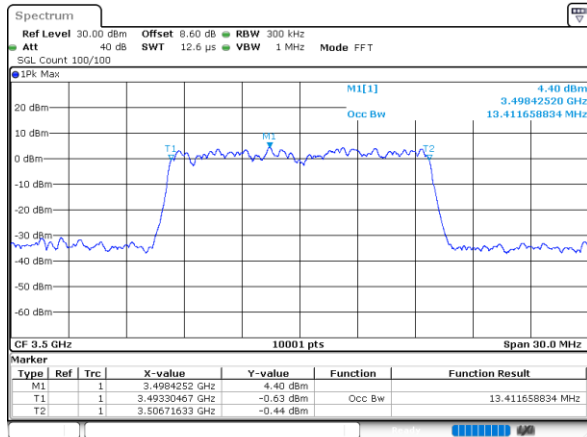
Mode	LTE Band 42 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.49	4.50	9.07	8.96	13.41	13.34	17.82	17.90



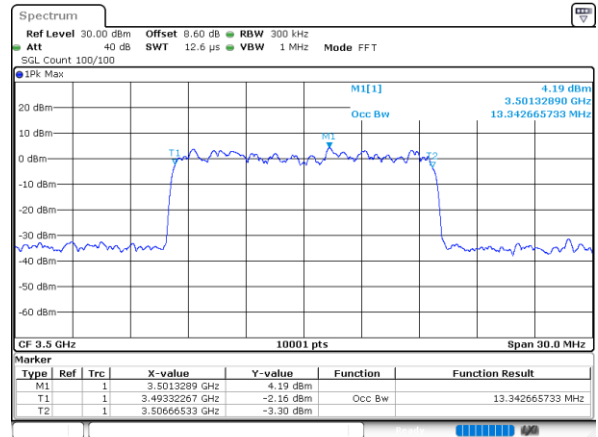


LTE Band 42

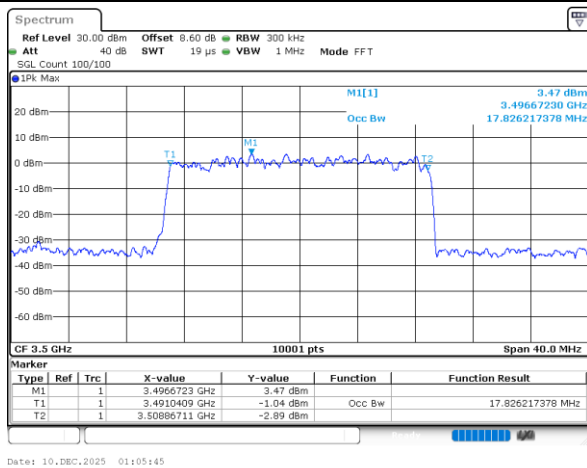
Middle Channel / 15MHz / QPSK



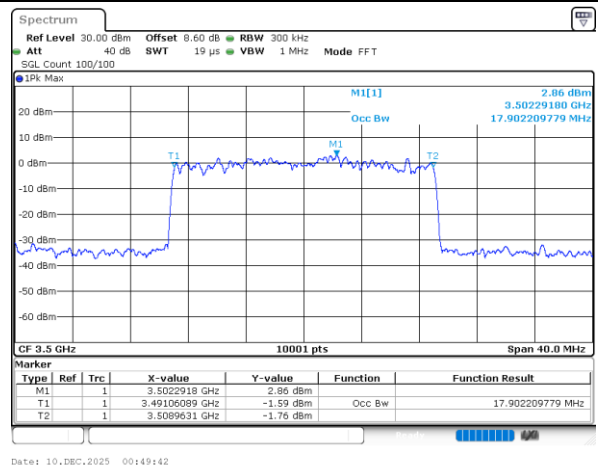
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

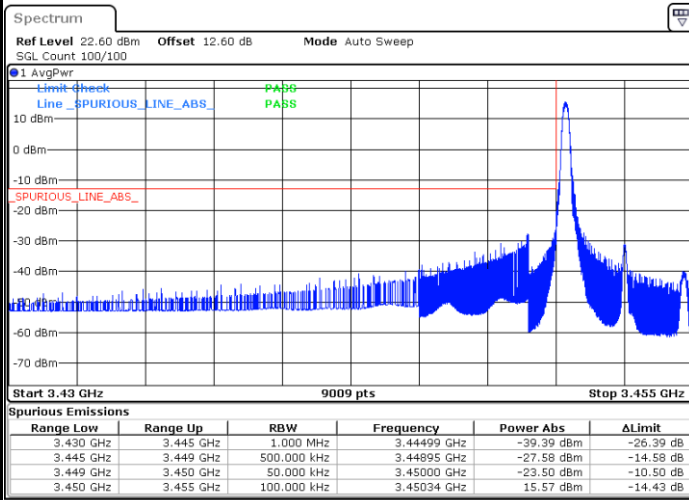




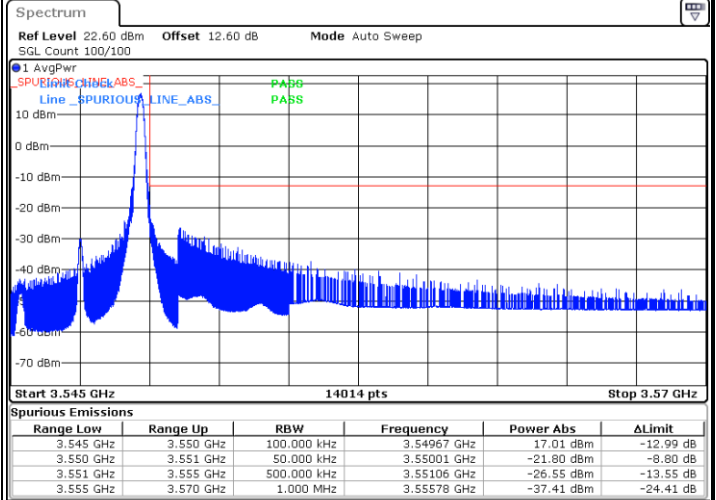
Conducted Band Edge

LTE Band 42 / 5MHz / QPSK

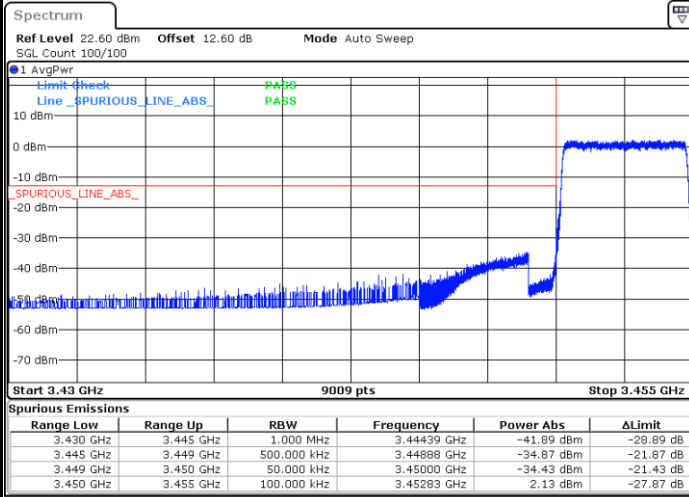
Lowest Band Edge / 1 RB



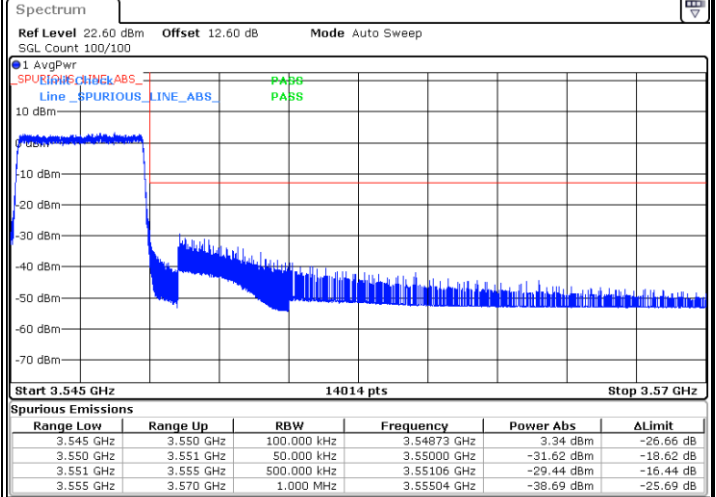
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



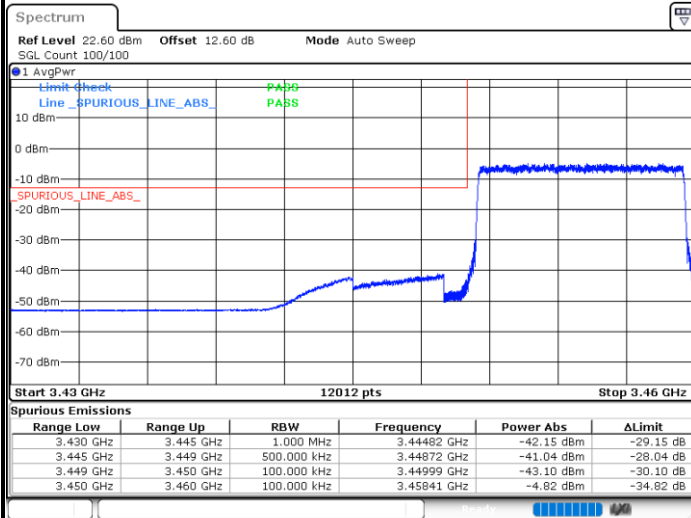
Highest Band Edge / Full RB



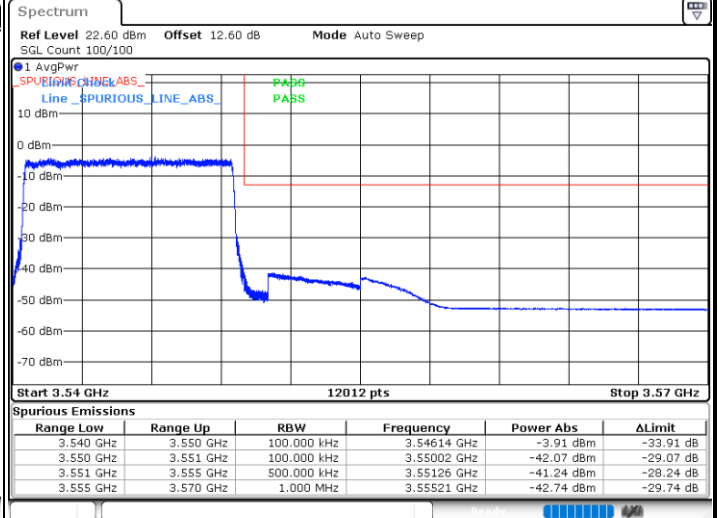


LTE Band 42 / 10MHz / QPSK

Lowest Band Edge / Full RB

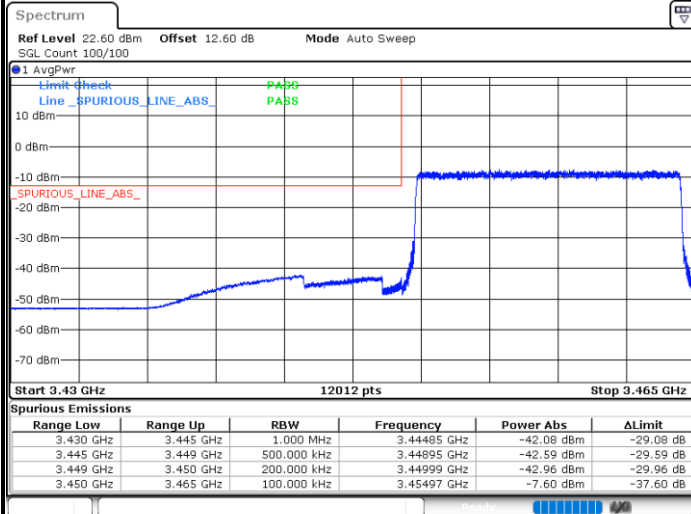


Highest Band Edge / Full RB

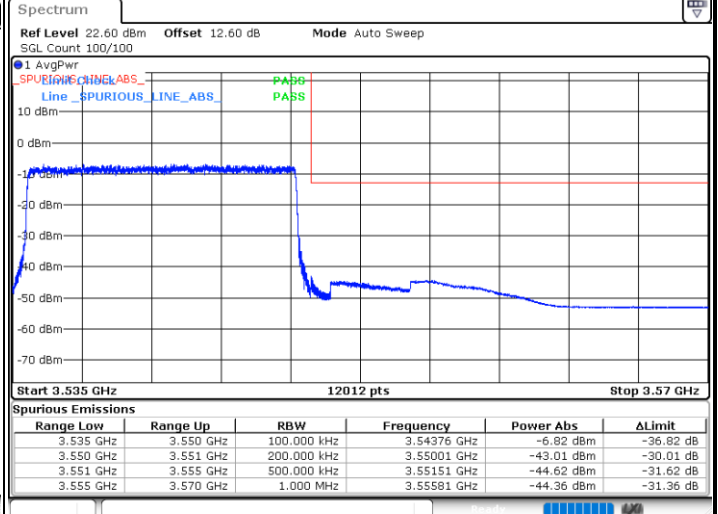


LTE Band 42 / 15MHz / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

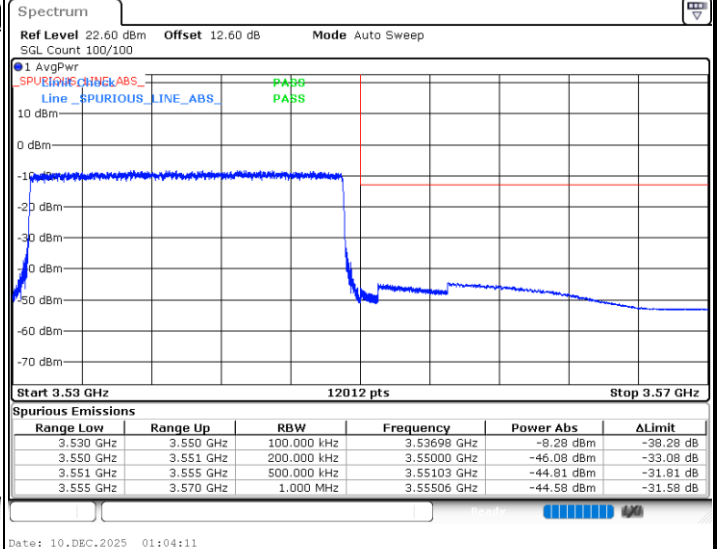
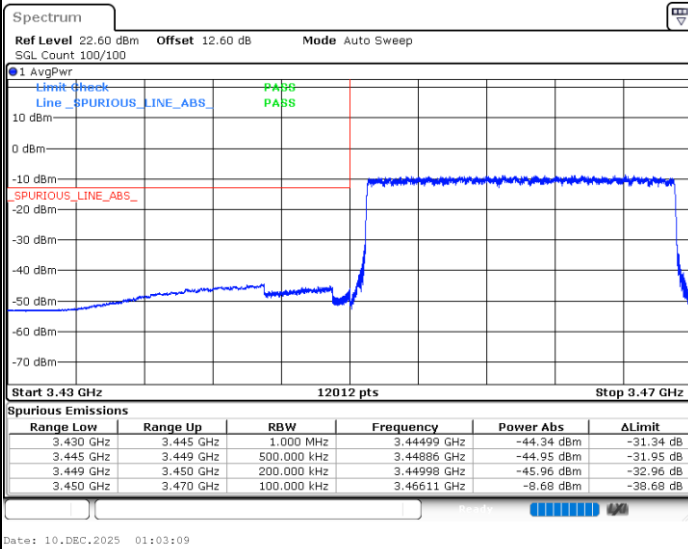




LTE Band 42 / 20MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

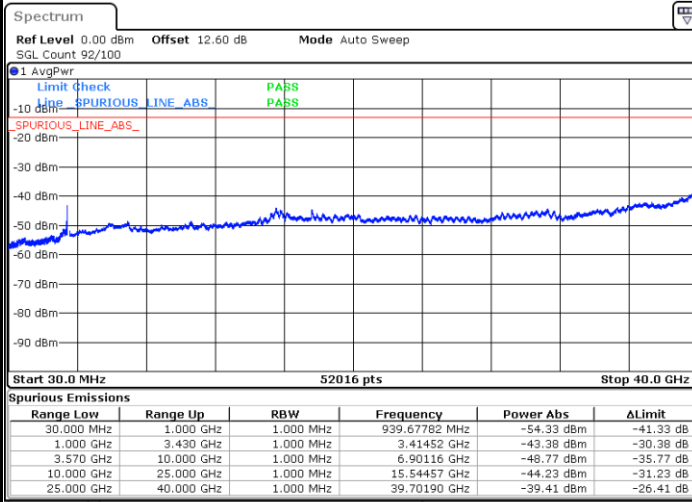




Conducted Spurious Emission

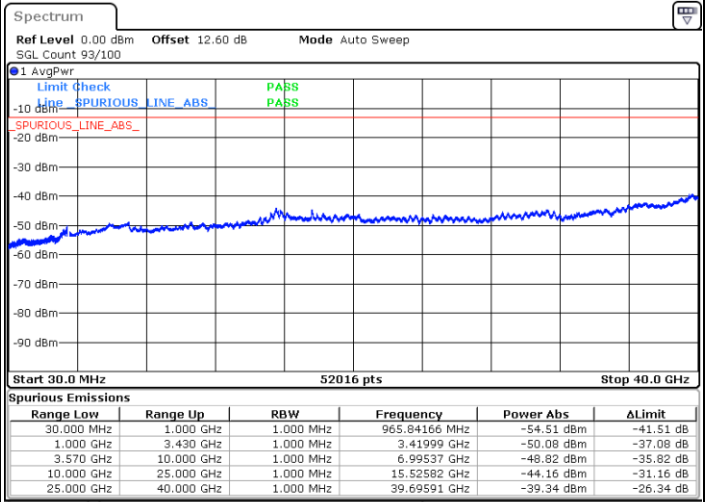
LTE Band 42 / 5MHz

Lowest Channel / QPSK



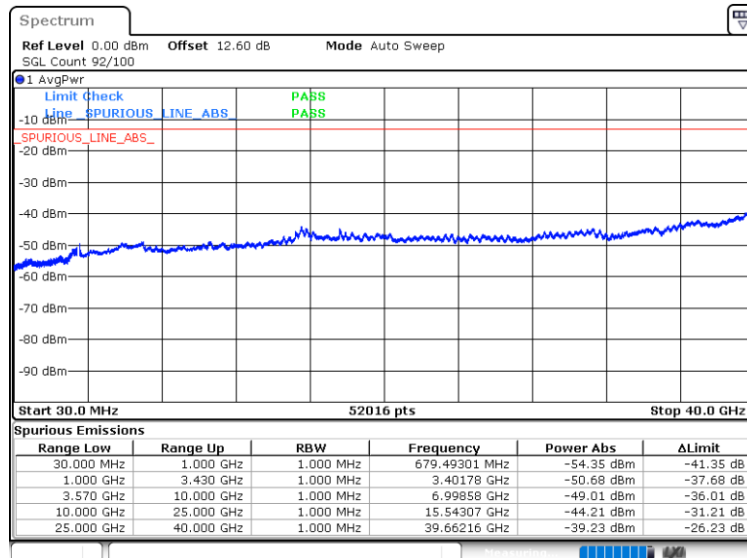
Date: 10.DEC.2025 01:08:48

Middle Channel / QPSK



Date: 10.DEC.2025 01:10:00

Highest Channel / QPSK

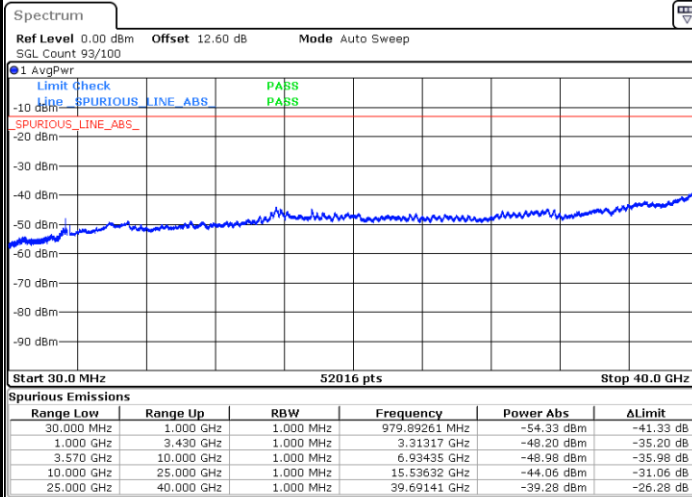


Date: 10.DEC.2025 01:11:13



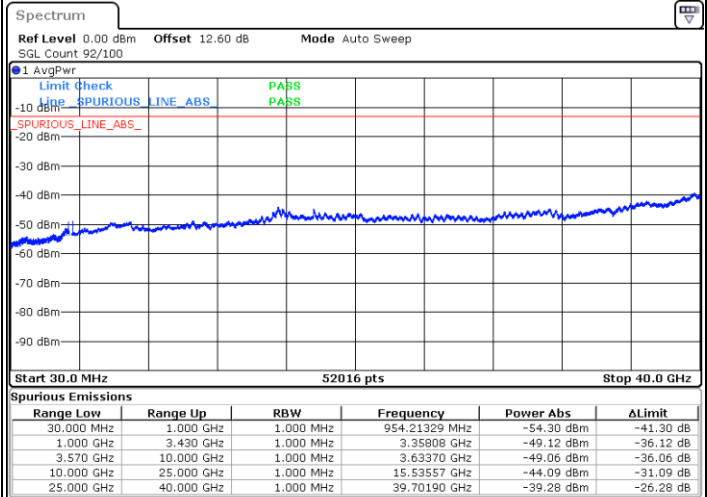
LTE Band 42 / 10MHz

Lowest Channel / QPSK



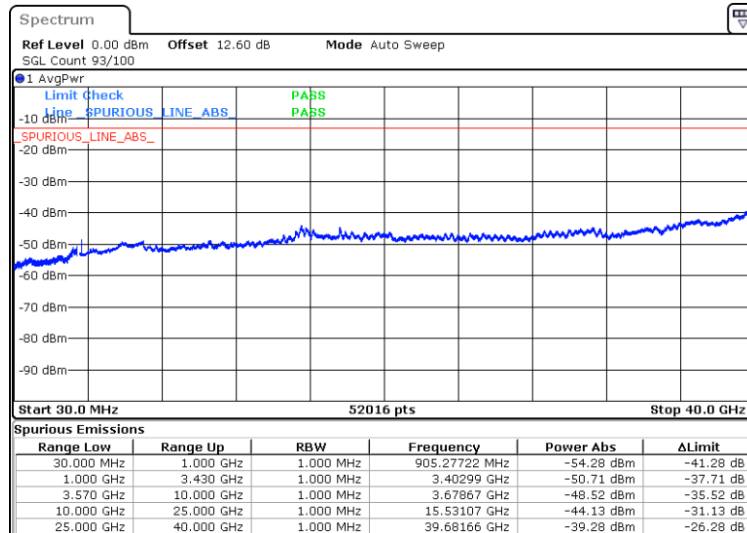
Date: 10.DEC.2025 01:12:26

Middle Channel / QPSK



Date: 10.DEC.2025 01:13:38

Highest Channel / QPSK

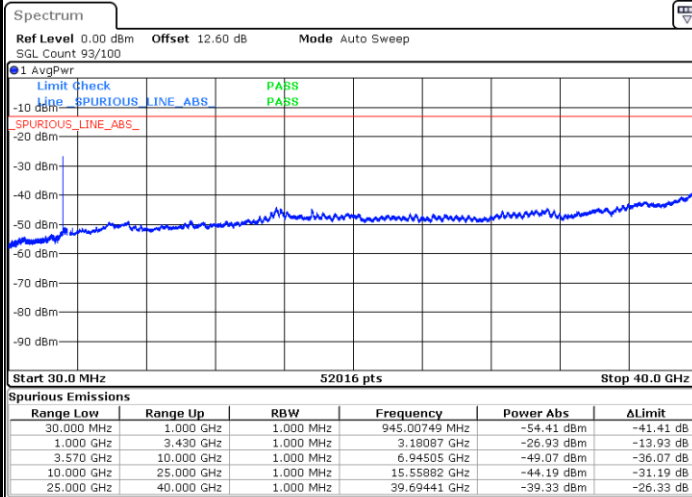


Date: 10.DEC.2025 01:14:50



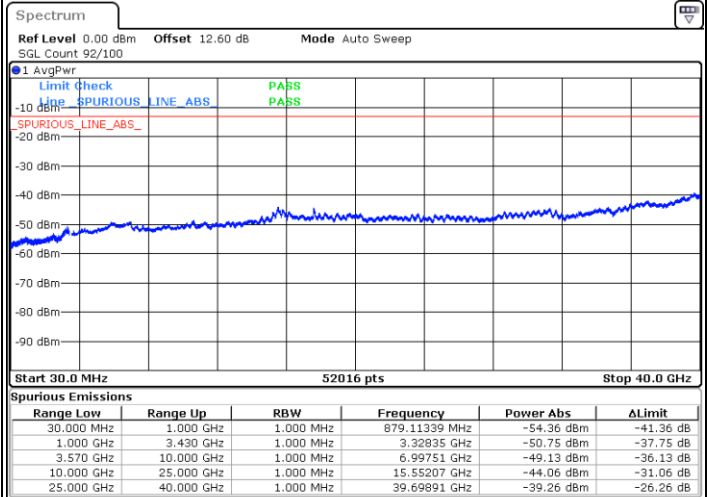
LTE Band 42 / 15MHz

Lowest Channel / QPSK



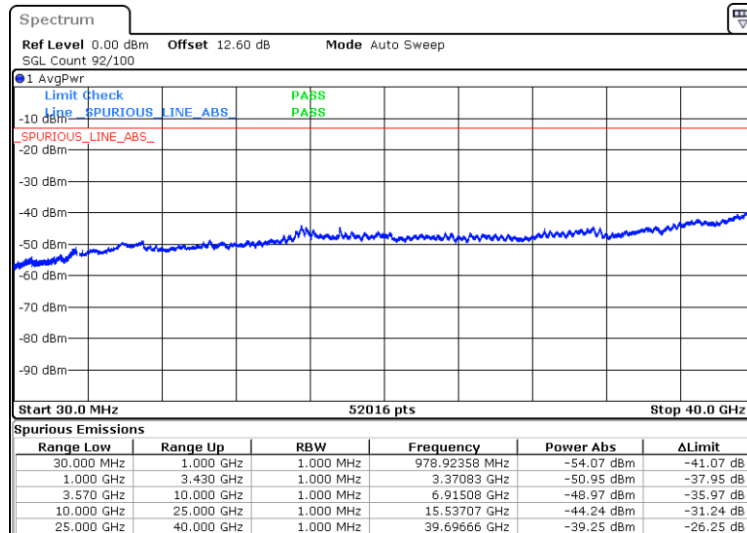
Date: 10.DEC.2025 01:16:03

Middle Channel / QPSK



Date: 10.DEC.2025 01:17:16

Highest Channel / QPSK

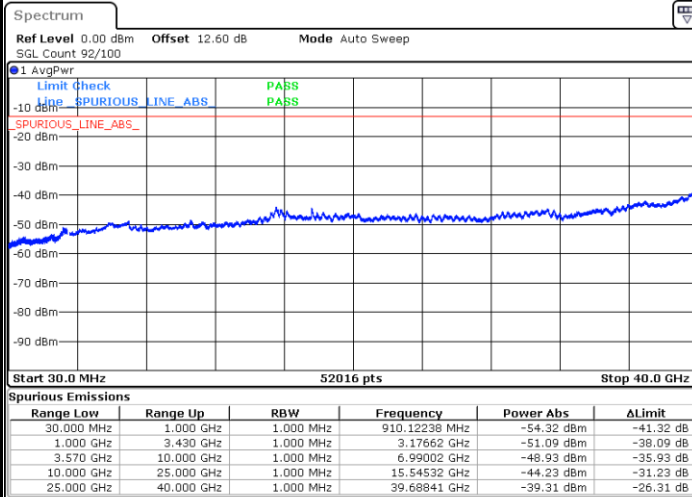


Date: 10.DEC.2025 01:18:28



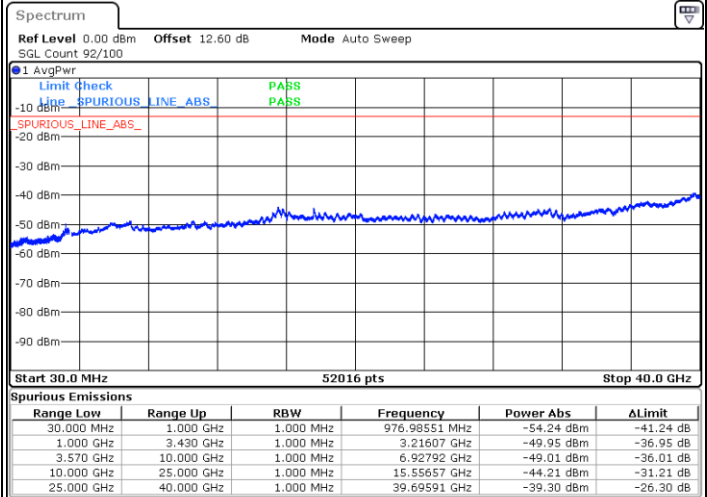
LTE Band 42 / 20MHz

Lowest Channel / QPSK



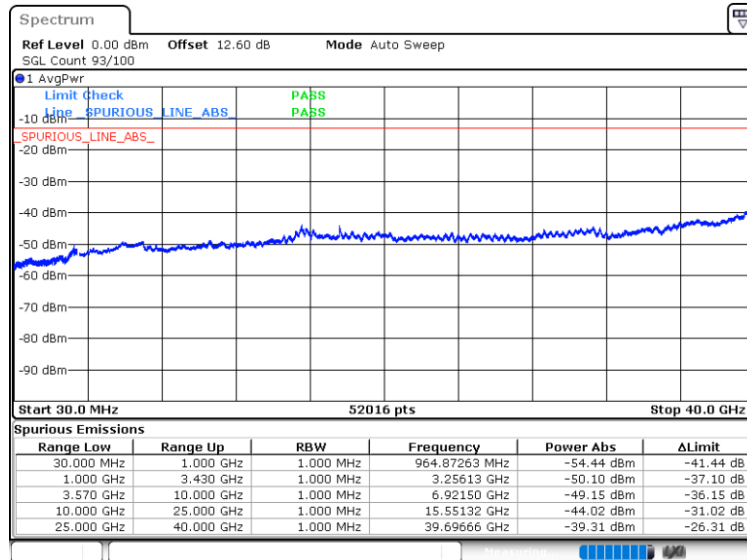
Date: 10.DEC.2025 01:19:41

Middle Channel / QPSK



Date: 10.DEC.2025 01:20:53

Highest Channel / QPSK



Date: 10.DEC.2025 01:22:05

Frequency Stability

Test Conditions		LTE Band 42 (QPSK) / Middle Channel / BandWidth 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0021	7.5	Yes	PASS
40	Normal Voltage	0.0014	-5	Yes	
30	Normal Voltage	0.0004	1.5	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0021	7.5	Yes	
0	Normal Voltage	0.0042	14.6	Yes	
-10	Normal Voltage	0.0026	9.1	Yes	
-20	Normal Voltage	0.0027	9.4	Yes	
20	Maximum Voltage	0.0018	6.3	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0029	10.3	Yes	

Note:

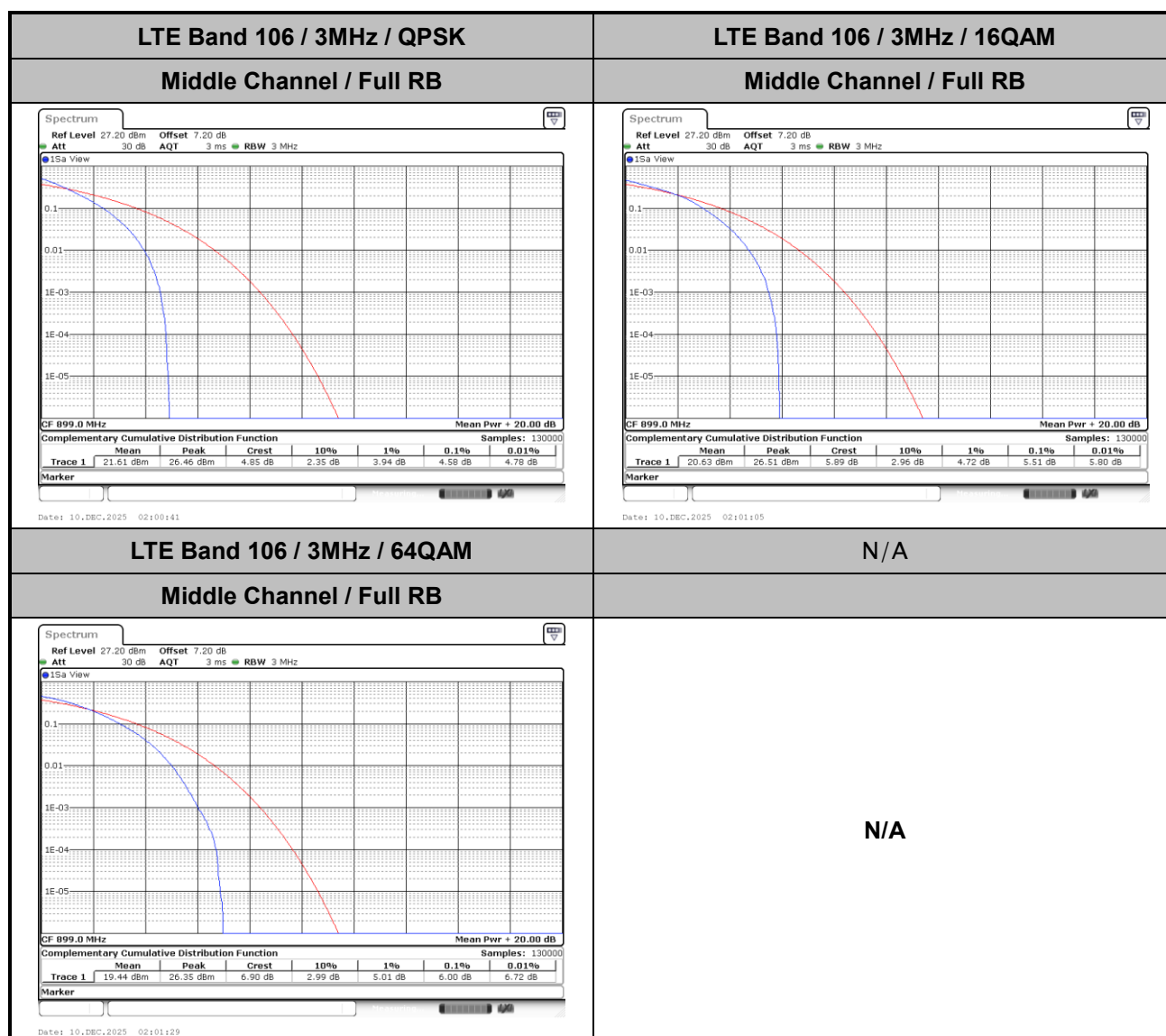
1. Normal Voltage = 10.8 V. ; Minimum Voltage = 7.5 V. ; Maximum Voltage = 12.6 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.



LTE Band 106

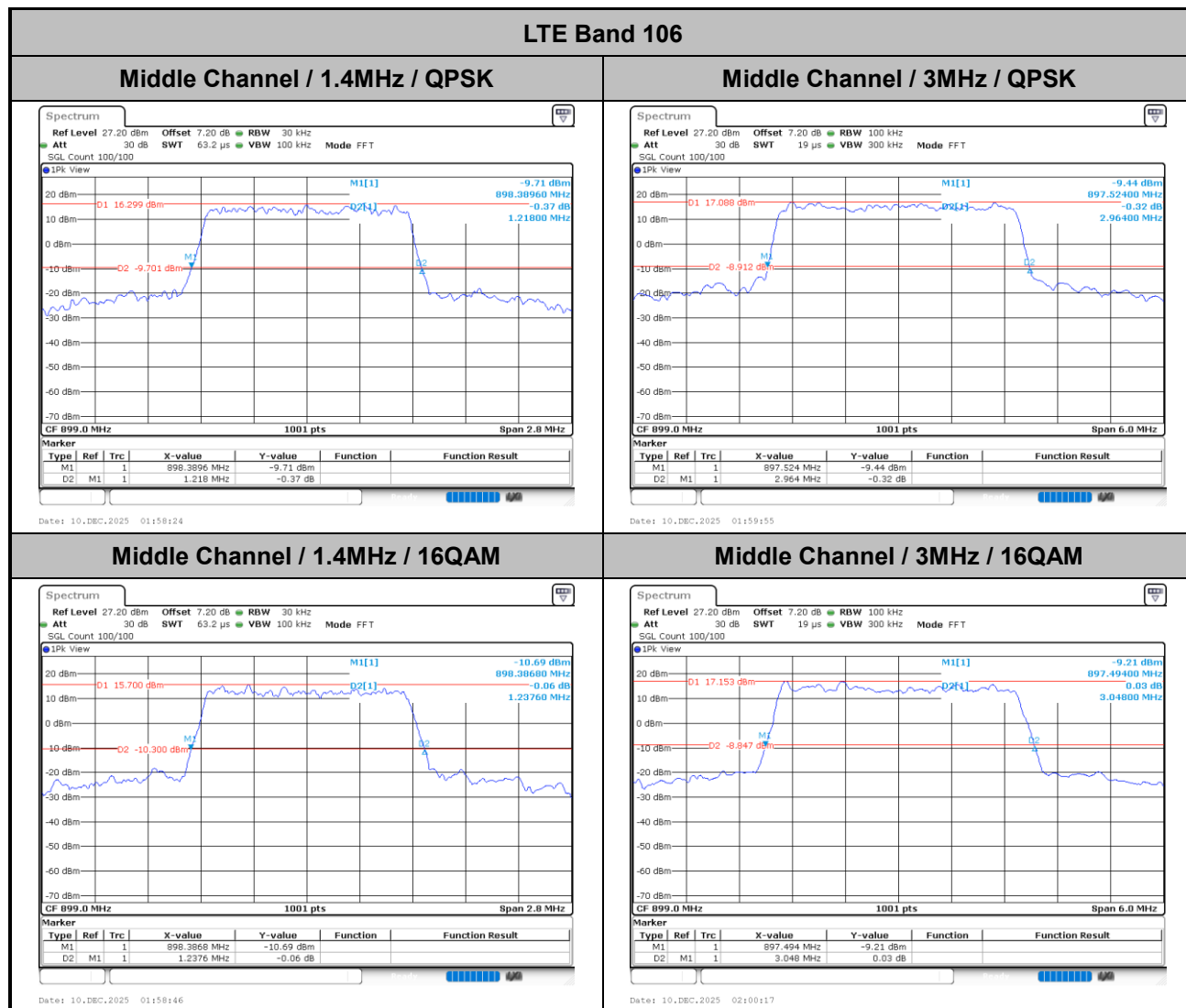
Peak-to-Average Ratio

Mode	LTE Band 106 / 3MHz				
Mod.	QPSK	16QAM	64QAM	N/A	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	N/A	Result
Middle CH	4.58	5.51	6.00	N/A	PASS



**26dB Bandwidth**

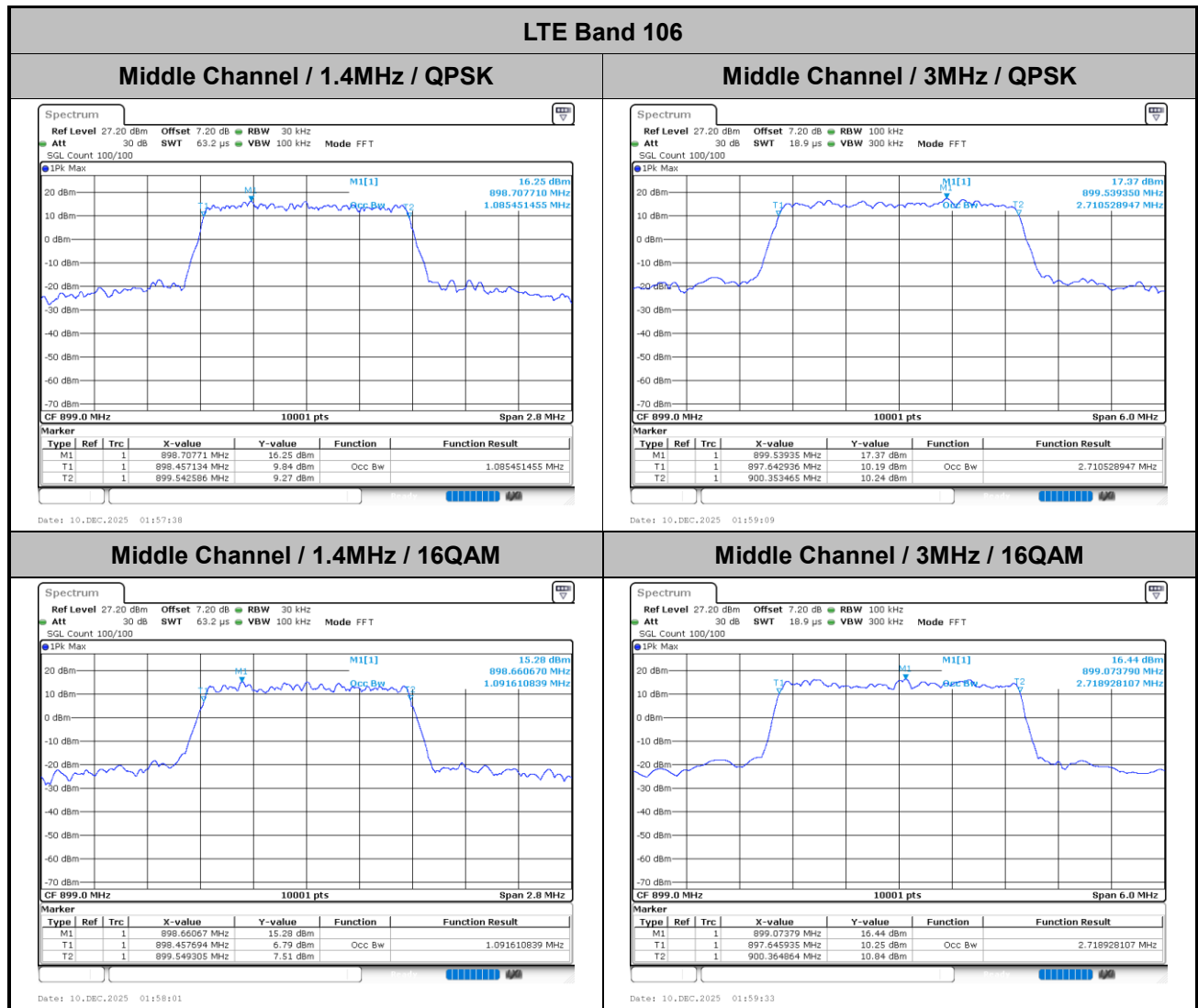
Mode	LTE Band 106 : 26dB BW(MHz)			
BW	1.4MHz		3MHz	
Mod.	QPSK	16QAM	QPSK	16QAM
Middle CH	1.21	1.23	2.96	3.04

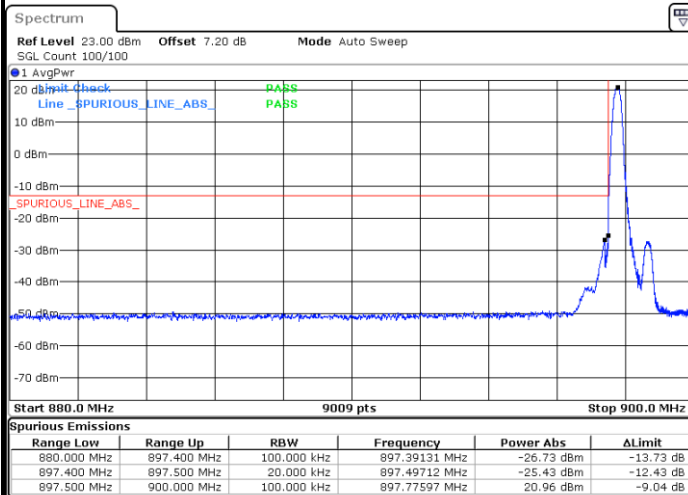
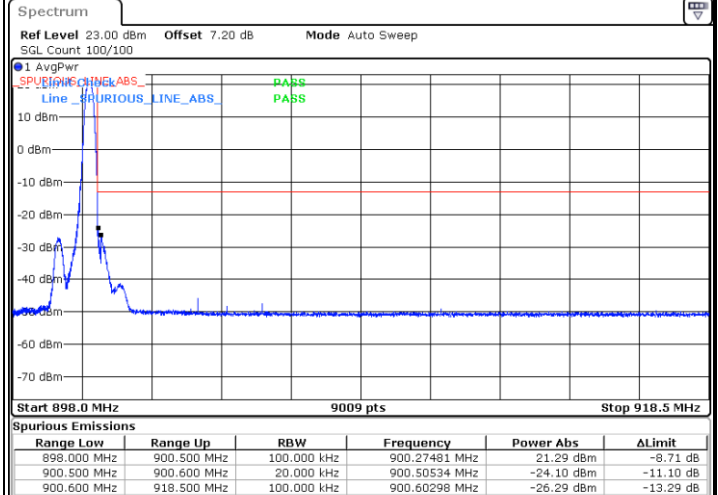
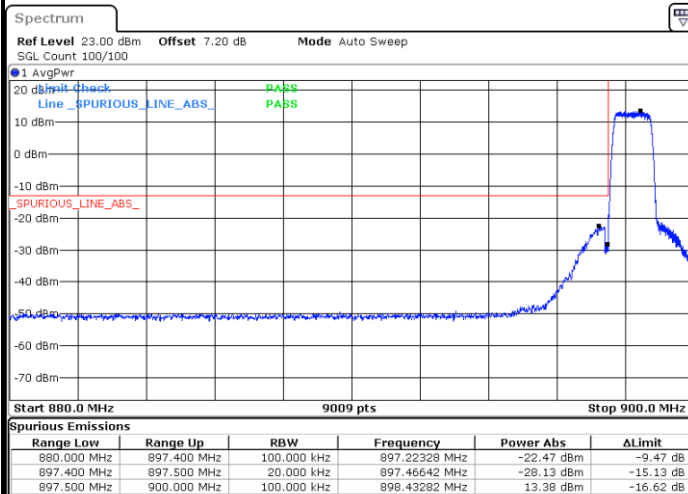
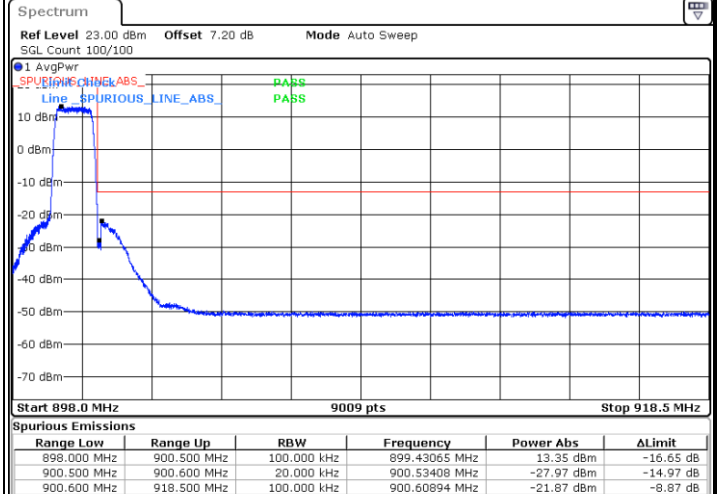




Occupied Bandwidth

Mode	LTE Band 106 : 99%OBW(MHz)			
BW	1.4MHz		3MHz	
Mod.	QPSK	16QAM	QPSK	16QAM
Middle CH	1.08	1.09	2.71	2.71



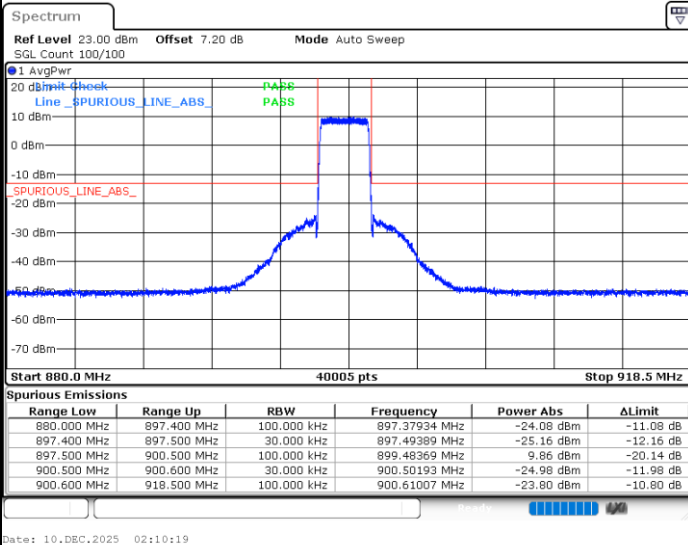
**Conducted Band Edge****LTE Band 106 / 1.4MHz / QPSK****Lowest Band Edge / 1RB****Highest Band Edge / 1RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



LTE Band 106 / 3MHz

Middle Band Edge / Full RB / QPSK

N/A



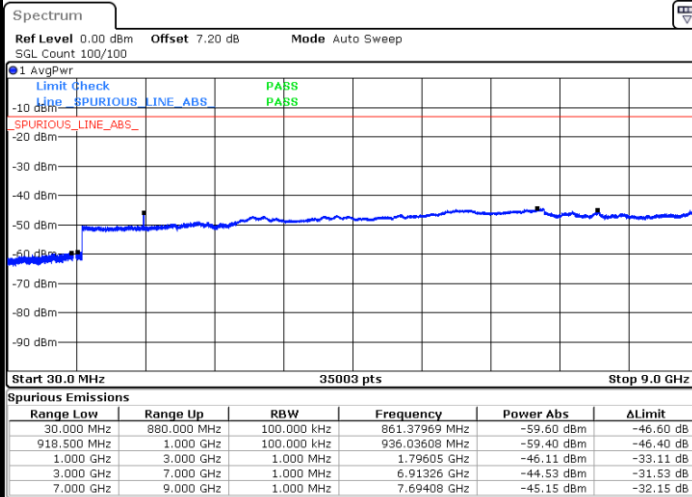
NA



Conducted Spurious Emission

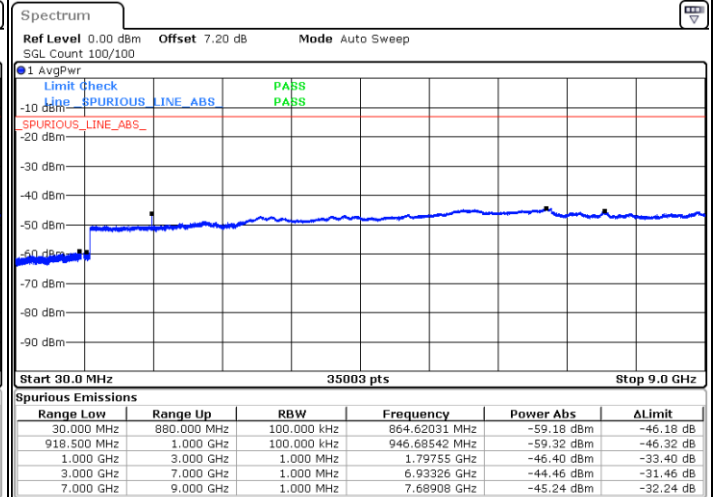
LTE Band 106 / 1.4MHz

Lowest Channel / QPSK



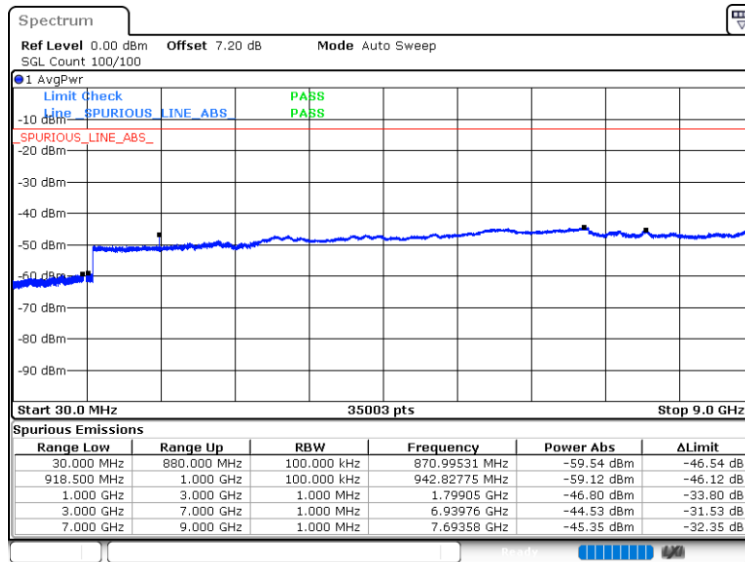
Date: 10.DEC.2025 02:02:41

Middle Channel / QPSK



Date: 10.DEC.2025 02:03:54

Highest Channel / QPSK

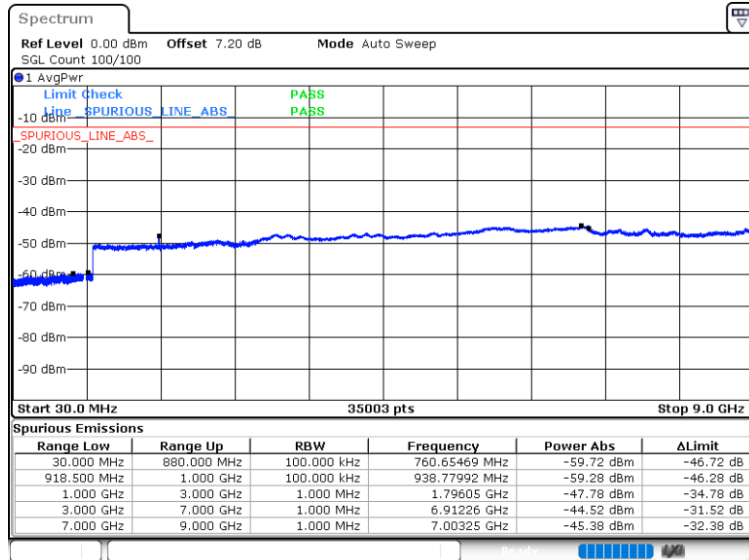


Date: 10.DEC.2025 02:05:06



LTE Band 106 / 3MHz

Middle Channel / QPSK



Date: 10.DEC.2025 02:11:32

**Frequency Stability**

Test Conditions		LTE Band 106 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 1.4MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0043	PASS
40	Normal Voltage	0.0069	
30	Normal Voltage	0.0069	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0043	
0	Normal Voltage	0.0049	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0087	
20	Maximum Voltage	0.0109	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0069	

Note:

1. Normal Voltage = 10.5 V. ; Minimum Voltage = 10.8 V. ; Maximum Voltage = 12.6 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 42C 27Q

26dB Bandwidth

Mode	LTE Band 42C : 26dB BW(MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	24.85	30.00	34.93	24.90
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.24	35.00	39.92	

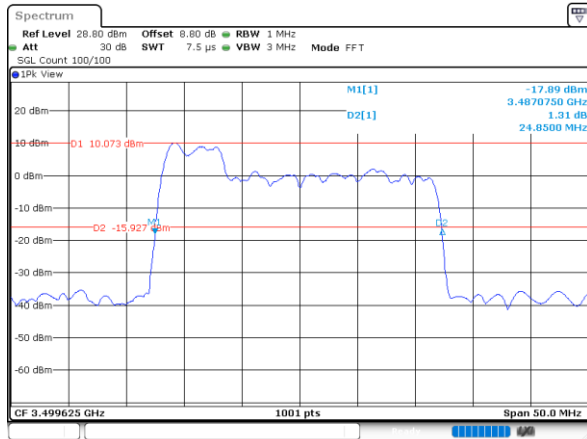
Mode	LTE Band 42C : 26dB BW(MHz)			
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	24.75	29.94	34.86	24.90
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.06	35.21	39.92	



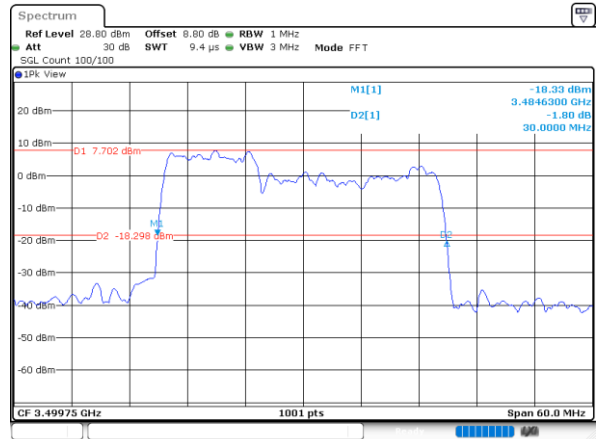
LTE Band 42C

QPSK

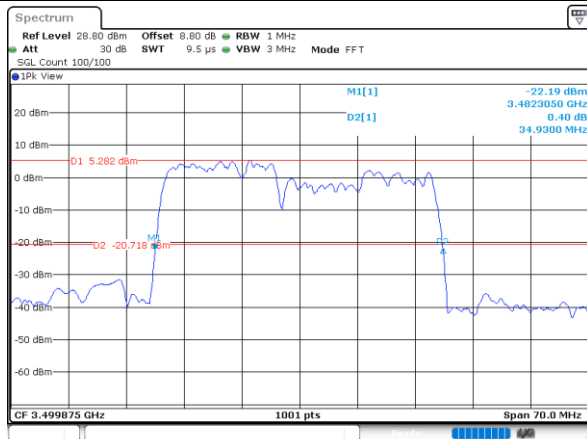
Middle Channel / 5MHz+20MHz



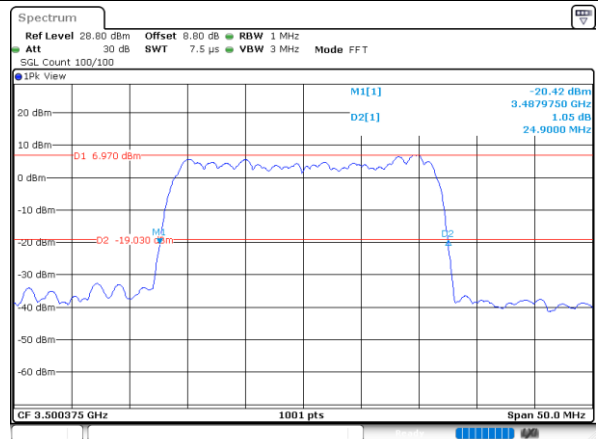
Middle Channel / 10MHz+20MHz



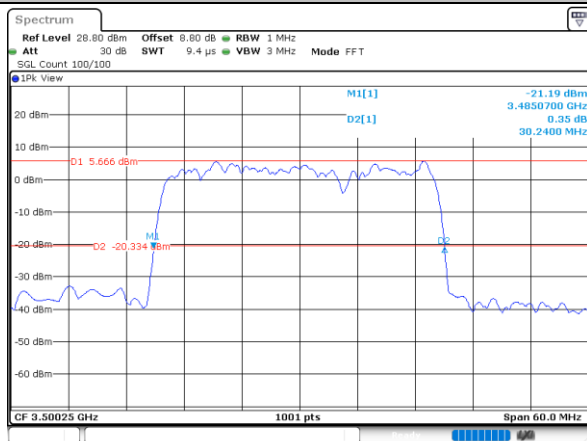
Middle Channel / 15MHz+20MHz



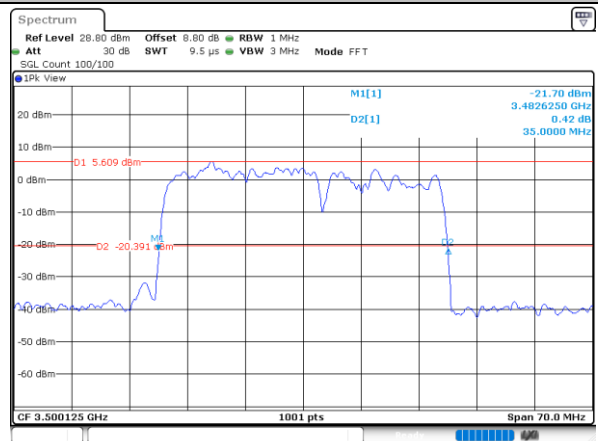
Middle Channel / 20MHz+5MHz

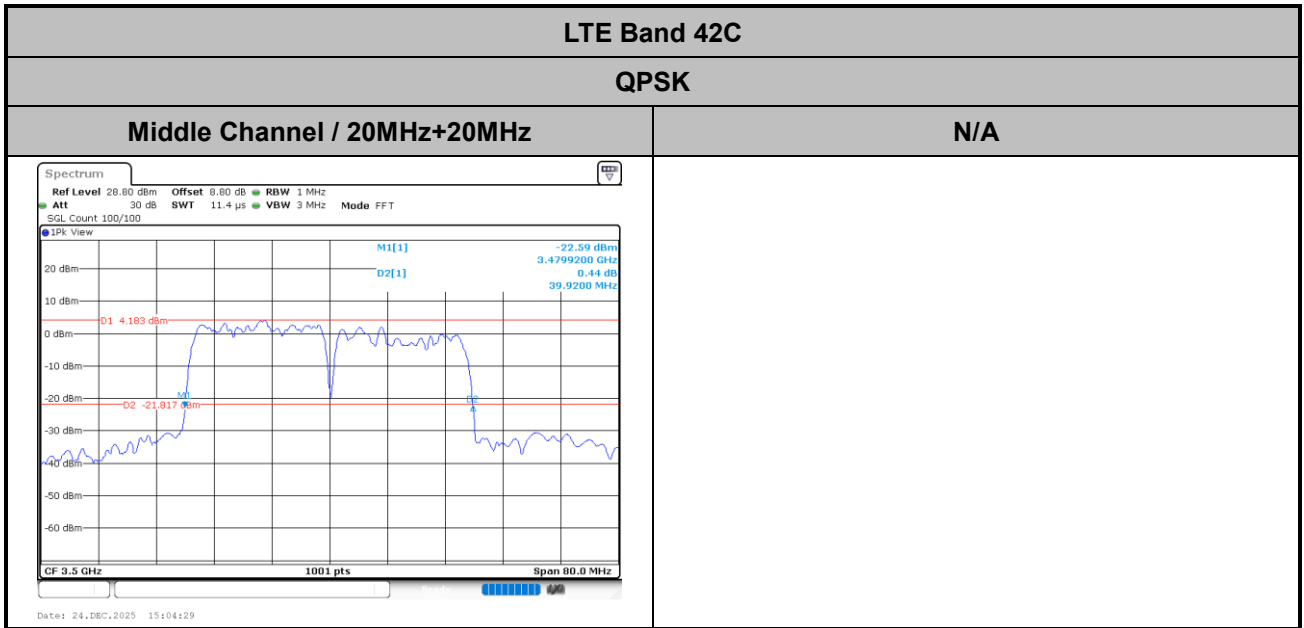


Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz

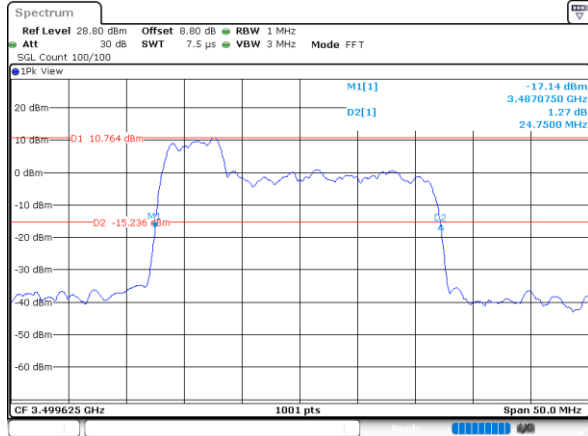




LTE Band 42C

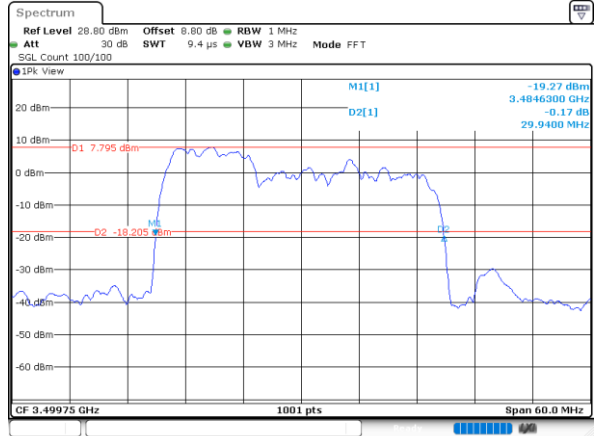
16QAM

Middle Channel / 5MHz+20MHz



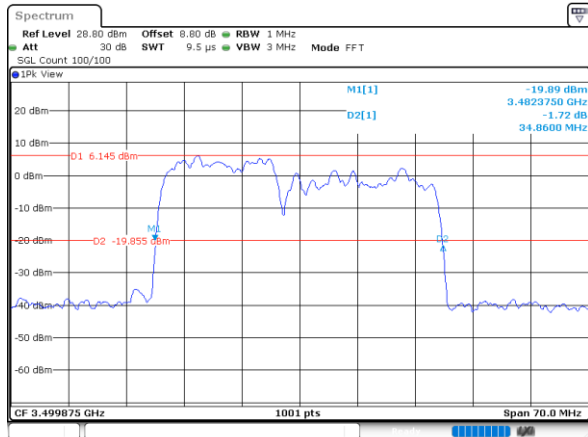
Date: 24.DEC.2025 15:15:51

Middle Channel / 10MHz+20MHz



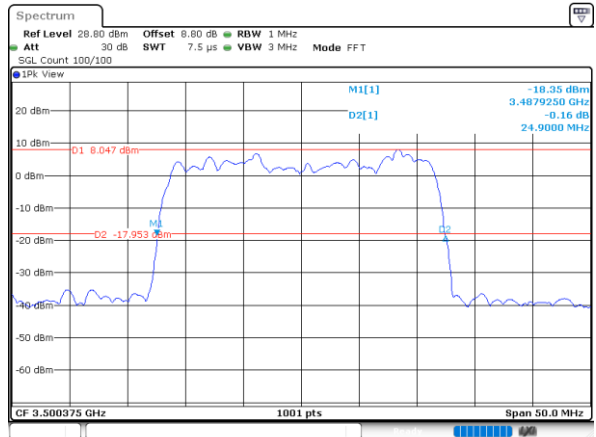
Date: 24.DEC.2025 15:19:18

Middle Channel / 15MHz+20MHz



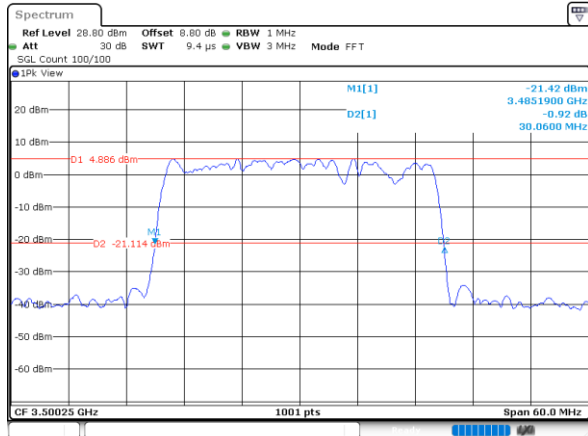
Date: 24.DEC.2025 15:21:45

Middle Channel / 20MHz+5MHz



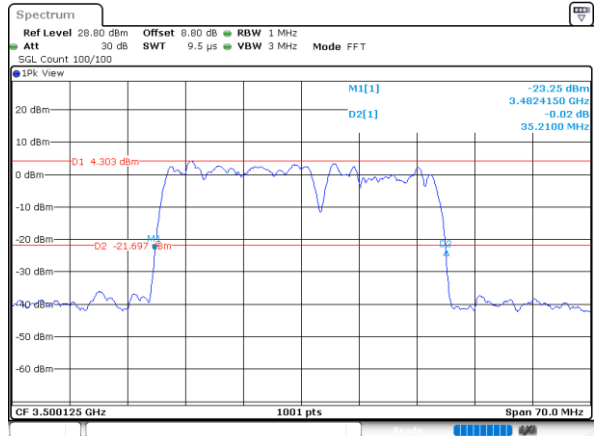
Date: 24.DEC.2025 15:23:05

Middle Channel / 20MHz+10MHz

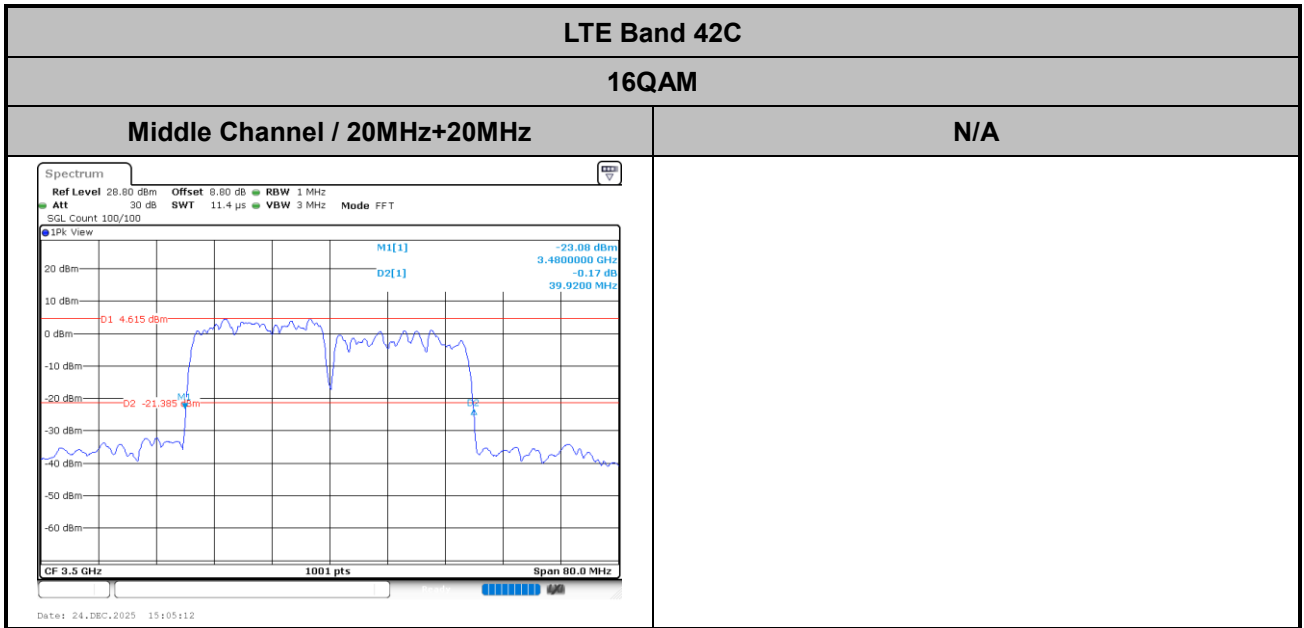


Date: 24.DEC.2025 15:27:19

Middle Channel / 20MHz+15MHz



Date: 24.DEC.2025 15:28:37



**Occupied Bandwidth**

Mode	LTE Band 42C : 99%OBW(MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	23.16	27.87	32.84	23.51
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.12	32.91	37.29	

Mode	LTE Band 42C : 99%OBW(MHz)			
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	23.03	27.99	32.74	23.10
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.79	32.81	37.53	