FCC RF Test Report

APPLICANT	:	OnePlus Technology (Shenzhen) Co., Ltd.
EQUIPMENT	:	Mobile Phone
BRAND NAME	:	ONEPLUS,
MODEL NAME	:	CPH2749
FCC ID	:	2ABZ2-OP24865
STANDARD	:	47 CFR Part 22(H), 27(H), 27(F), 27(N)
CLASSIFICATION	:	PCS Licensed Transmitter Held to Ear (PCE)
TEST DATE(S)	:	Jul. 11, 2025 ~ Aug. 13, 2025

We, Sporton International Inc. (ShenZhen), would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.26-2015 and shown compliance with the applicable technical standards.

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

Fly Liang

Approved by: Fly Liang

ACCREDITED Cert #5145.01

Sporton International Inc. (ShenZhen)

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People's Republic of China

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APPENDIX A. TEST RESULTS OF CONDUCTED TEST

APPENDIX B. TEST RESULTS OF RADIATED TEST

APPENDIX C. TEST SETUP PHOTOGRAPHS

REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG561202C	Rev. 01	Initial issue of report	Sep. 01, 2025

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1046	Conducted Output Power	-	Report Only	-
	§22.913(a)(5)	Effective Radiated Power (Band 5) (Band 26)	ERP < 7 Watt	PASS	-
	§27.50(b)(10) §27.50(c)(10)	Effective Radiated Power (Band 12) (Band 13) (Band 17) (Band 71)	ERP < 3 Watt		-
3.5	§24.232(d)	Peak-to-Average Ratio	<13 dB	PASS	-
3.6	§2.1049	Occupied Bandwidth	-	Report Only	-
3.7	§2.1051 §22.917(a) §27.53(c)(2)(4) §27.53(g)	Conducted Band Edge Measurement (Band 5) (Band 12) (Band 13) (Band 17) (Band 26) (Band 71)	< 43+10log10(P[Watts])	PASS	-
3.8	§2.1051 §22.917(a) §27.53(c)(2) §27.53(g)	Conducted Spurious Emission (Band 5) (Band 12) (Band 13) (Band 17) (Band 26) (Band 71)	< 43+10log10(P[Watts])	PASS	-
3.9	§2.1055 §22.355	Frequency Stability Temperature & Voltage	< 2.5 ppm for Part 22	PASS	-
	§2.1055 §24.235 §27.54		Within Authorized Band		
4.4	§2.1053 §22.917(a) §27.53(c)(2) §27.53(f) §27.53(g)	Radiated Spurious Emission (Band 5) (Band 12) (Band 13) (Band 17) (Band 26) (Band 71)	< 43+10log$_{10}$(P[Watts])	PASS	Under limit 23.15 dB at 1559.50 MHz

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/manufacturer 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.

1 General Description

1.1 Applicant

OnePlus Technology (Shenzhen) Co., Ltd.
18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China

1.2 Manufacturer

OnePlus Technology (Shenzhen) Co., Ltd.
18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Phone
Brand Name	ONEPLUS,
Model Name	CPH2749
FCC ID	2ABZ2-OP24865
IMEI Code	Conducted: 867621080021434 Radiation: 867621080023190/867621080023182
HW Version	11
SW Version	OxygenOS 16.0
EUT Stage	Production Unit

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	LTE Band 5 : 824 MHz ~ 849 MHz LTE Band 12 : 699 MHz ~ 716 MHz LTE Band 13 : 777 MHz ~ 787 MHz LTE Band 17 : 704 MHz ~ 716 MHz LTE Band 26 : 824 MHz ~ 849 MHz LTE Band 71: 663 MHz ~ 698 MHz
Rx Frequency	LTE Band 5 : 869 MHz ~ 894 MHz LTE Band 12 : 729 MHz ~ 746 MHz LTE Band 13 : 746 MHz ~ 756 MHz LTE Band 17 : 734 MHz ~ 746 MHz LTE Band 26 : 869 MHz ~ 894 MHz LTE Band 71: 617 MHz ~ 652 MHz
Bandwidth	LTE Band 5 : 1.4MHz / 3MHz / 5MHz / 10MHz LTE Band 12 : 1.4MHz / 3MHz / 5MHz / 10MHz LTE Band 13 : 5MHz / 10MHz LTE Band 17 : 5MHz / 10MHz

	LTE Band 26 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz LTE Band 71 : 5MHz / 10MHz / 15MHz / 20MHz
Maximum Output Power to Antenna	**<Ant. 0>** LTE Band 5 : 23.71 dBm LTE Band 12 : 22.50 dBm LTE Band 13 : 23.64 dBm LTE Band 17 : 22.49 dBm LTE Band 26 : 23.77 dBm LTE Band 71 : 22.74 dBm LTE Band 12B : 22.45 dBm **<Ant. 1>** LTE Band 5 : 24.33 dBm LTE Band 12 : 23.14 dBm LTE Band 13 : 24.25 dBm LTE Band 17 : 23.13 dBm LTE Band 26 : 24.44 dBm LTE Band 71 : 23.72 dBm LTE Band 12B : 23.10 dBm
Antenna Gain	**<Ant. 0>** LTE Band 5/26/17 : -2.0 dBi LTE Band 12/13 : -1.5 dBi LTE Band 71 : -3.0 dBi **<Ant. 1>** LTE Band 5/26 : -4.4 dBi LTE Band 12/13/17/71 : -4.0 dBi
Type of Modulation	QPSK / 16QAM / 64QAM / 256QAM

Note:

1. The maximum ERP is calculated from max output power and max antenna gain, so only the maximum ERP of Ant.0 for LTE Band 5/12/12B/13/17/26/71 is shown in the report.
2. For conducted test items, only the test data of the worse Ant.1 for LTE Band 12/12B/13/26/71 is showed in the report according to the maximum conducted power.

1.5 Modification of EUT

No modifications are made to the EUT during all test items.

1.6 Maximum ERP and Emission Designator

LTE Band 5		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
1.4	824.7 ~ 848.3	0.0893	1M09G7D	0.0767	1M10W7D
3	825.5 ~ 847.5	0.0895	2M74G7D	0.0767	2M73W7D
5	826.5 ~ 846.5	0.0902	4M50G7D	0.0759	4M48W7D
10	829.0 ~ 844.0	0.0904	9M05G7D	0.0780	9M03W7D
LTE Band 12		**QPSK**		**16QAM/64QAM/256QAM**	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
1.4	699.7 ~ 715.3	0.0764	1M09G7D	0.0637	1M11W7D
3	700.5 ~ 714.5	0.0757	2M73G7D	0.0643	2M73W7D
5	701.5 ~ 713.5	0.0750	4M51G7D	0.0646	4M50W7D
10	704.0 ~ 711.0	0.0767	9M13G7D	0.0650	9M05W7D
LTE Band 13		**QPSK**		**16QAM/64QAM/256QAM**	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
5	779.5 ~ 784.5	0.0991	4M52G7D	0.0836	4M50W7D
10	782.0	0.0998	9M05G7D	0.0839	9M07W7D
LTE Band 17		**QPSK**		**16QAM/64QAM/256QAM**	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
5	706.5 ~ 713.5	0.0698	4M51G7D	0.0574	4M50W7D
10	709.0 ~ 711.0	0.0682	9M13G7D	0.0577	9M05W7D
LTE Band 26		**QPSK**		**16QAM/64QAM/256QAM**	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
1.4	824.7 ~ 848.3	0.0881	1M09G7D	0.0736	1M10W7D
3	825.5 ~ 847.5	0.0887	2M74G7D	0.0719	2M73W7D
5	826.5 ~ 846.5	0.0908	4M50G7D	0.0719	4M48W7D
10	829.0 ~ 844.0	0.0904	9M05G7D	0.0724	9M03W7D
15	831.5 ~ 841.5	0.0916	13M5G7D	0.0745	13M5W7D
CH26790	824.0	0.0897	13M5G7D	0.0741	13M4W7D

LTE Band 71		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
5	665.5 ~ 695.5	0.0568	4M49G7D	0.0478	4M50W7D
10	668.0 ~ 693.0	0.0570	9M07G7D	0.0472	9M01W7D
15	670.5 ~ 690.5	0.0561	13M4G7D	0.0469	13M4W7D
20	673.0 ~ 688.0	0.0574	17M9G7D	0.0479	17M8W7D

LTE Band CA_12B	QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
5MHz+5MHz	0.1239	9M29G7D	0.1125	9M31W7D
5MHz+10MHz	0.1245	13M9G7D	0.1038	14M0W7D

Note:

1. LTE Band 26 overlaps the entire frequency range of LTE Band 5. Therefore, the test results provided in this report covers Band 5 and the portion of Band 26 subject to Part 22.
2. LTE Band 12 overlaps the entire frequency range of LTE Band 17. Therefore, the test results provided in this report covers Band 12 as well as Band 17.
3. All modulations have been tested, and only the worst test results of PSK & QAM are shown in the report.

1.7 Testing Location

Sporton International Inc. (ShenZhen) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

Test Firm	Sporton International Inc. (ShenZhen)		
Test Site Location	101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City, Guangdong Province 518103 People's Republic of China TEL: +86-755-86066985		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	TH01-SZ 03CH02-SZ	CN1256	421272

1.8 Test Software

Item	Site	Manufacture	Name	Version
1.	03CH02-SZ	AUDIX	E3	6.2009-8-24a

1.9 Applicable Standards

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

- 47 CFR Part 22(H), 27(H), 27(F), 27(N)
- ANSI C63.26-2015
- FCC KDB 971168 D01 Power Meas License Digital Systems v03r01
- FCC KDB 412172 D01 Determining ERP and EIRP v01r01

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

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.

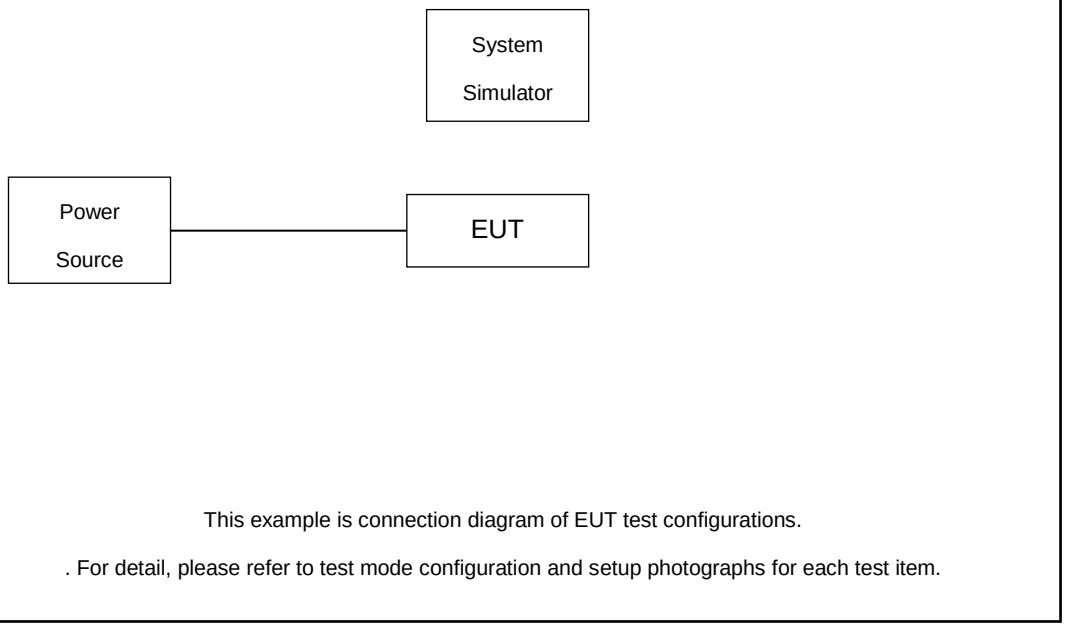
Radiated measurements are performed by rotating the EUT in three different orthogonal test planes to find the maximum emission.

Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16 QAM	64 QAM	256 QAM	1	Half	Full	L	M	H
Max. Output Power	5	v	v	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	12	v	v	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	13	-	-	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	17	-	-	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	26	v	v	v	v	v	-	v	v	v	v	v	v	v	v	v	v
	71	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v
Peak-to-Average Ratio	12				v	-	-	v	v	v				v		v	
	13	-	-		v	-	-	v	v	v				v		v	
	26					v	-	v	v	v				v		v	
	71	-	-				v	v	v	v				v		v	
26dB and 99% Bandwidth	12	v	v	v	v	-	-	v	v					v		v	
	13	-	-	v	v	-	-	v	v					v		v	
	26	v	v	v	v	v	-	v	v					v		v	
	71	-	-	v	v	v	v	v	v					v		v	
Conducted Band Edge	12	v	v	v	v	-	-	v	v	v		v		v	v		v
	13	-	-	v	v	-	-	v	v	v		v		v	v		v
	26	v	v	v	v	v	-	v	v	v		v		v	v		v
	71	-	-	v	v	v	v	v	v	v		v		v	v		v
Conducted Spurious Emission	12	v	v	v	v	-	-	v				v			v	v	v
	13	-	-	v	v	-	-	v				v			v	v	v
	26	v	v	v	v	v	-	v				v			v	v	v
	71	-	-	v	v	v	v	v				v			v	v	v
Frequency Stability	12	v				-	-	v						v		v	
	13	-	-	v		-	-	v						v		v	
	26				v		-	v						v		v	
	71	-	-	v				v						v		v	

Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16 QAM	64 QAM	256 QAM	1	Half	Full	L	M	H
E.R.P	5	v	v	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	12	v	v	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	13	-	-	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	17	-	-	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	26	v	v	v	v	v	-	v	v	v	v	v	v	v	v	v	v
	71	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v
Radiated Spurious Emission	12	Worst Case													v	v	v
	13	Worst Case													v	v	v
	26	Worst Case													v	v	v
	71	Worst Case													v	v	v
Note	1. The mark "**v** " means that this configuration is chosen for testing 2. The mark "-" means that this bandwidth is not supported. 3. 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. 4. For QAM modulation mode, the whole testing has assessed 16QAM&64QAM mode by referring to the higher conducted power																

Test Items	Band	Bandwidth (MHz)								Modulation				RB #			Test Channel		
		5+10	10+10	5+15	10+5	5+10	5+5	5+3	3+5	QPSK	16 QAM	64 QAM	256 QAM	1	Half	Full	L	M	H
Max. Output Power	12B_CA	v	-	-	-	-	v	-	-	v	v	v	v	v		v	v	v	v
26dB and 99% Bandwidth	12B_CA	v	-	-	-	-	v	-	-	v	v					v		v	
Conducted Band Edge	12B_CA	v	-	-	-	-	v	-	-	v	v	v		v		v	v		v
Conducted Spurious Emission	12B_CA	v	-	-	-	-	v	-	-	v				v			v	v	v
E.R.P.	12B_CA	v	-	-	-	-	v	-	-	v	v	v	v	v		v	v	v	v
Radiated Spurious Emission	12B_CA	Worst Case															v	v	v
Note	1. The mark "**v** " means that this configuration is chosen for testing 2. The mark "-" means that this bandwidth is not supported. 3. 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. 4. All test items are based on engineering evaluation. 5. For QAM modulation mode, the whole testing has assessed 16QAM&64QAM mode by referring to the higher conducted power																		

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model No.	FCC ID	Data Cable	Power Cord
1.	Power Supply	GWINSTEK	PSS-2002	N/A	N/A	Unshielded, 1.8 m
2.	LTE Base Station	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m

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 4.0 dB and 10dB attenuator.

Example :

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

= 4.0 + 10 = 14.0 (dB)

2.5 Frequency List of Low/Middle/High Channels

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

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

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

LTE Band 17 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	23780	23790	23800
	Frequency	709	710	711
5	Channel	23755	23790	23825
	Frequency	706.5	710	713.5

LTE Band 26 Channel and Frequency List				
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	836.5	844
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 71 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	133222	133322	133372
	Frequency	673.0	680.5	688.0
15	Channel	133197	133297	133397
	Frequency	670.5	680.5	690.5
10	Channel	133172	133272	133422
	Frequency	668.0	678.0	693.0
5	Channel	133147	133247	133447
	Frequency	665.5	675.5	695.5

LTE Band 12B_CA Channel and Frequency List					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
5 + 10	PCC	Channel	23083	23119	23155
		Frequency	706.3	709.9	713.5
	SCC	Channel	23110	23120	23130
		Frequency	709	710	711
5+ 5	PCC	Channel	23035	23071	23107
		Frequency	701.5	705.1	708.7
	SCC	Channel	23038	23048	23058
		Frequency	701.8	702.8	703.8

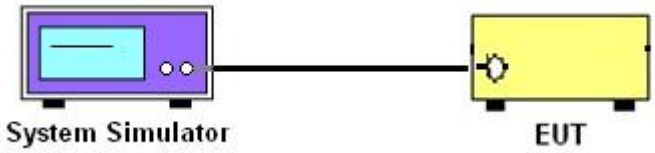
3 Conducted Test Items

3.1 Measuring Instruments

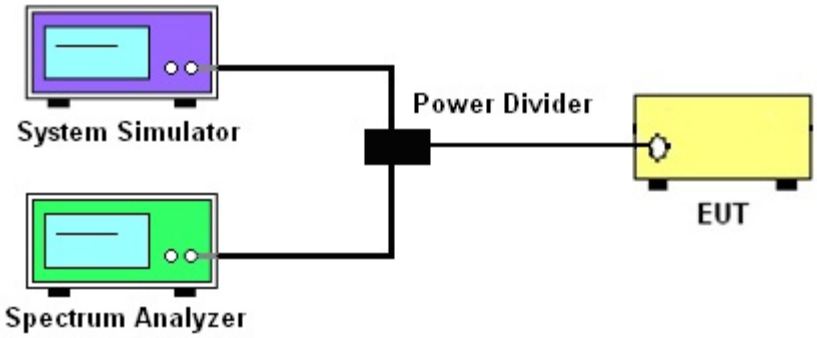
See list of measuring instruments of this test report.

3.2 Test Setup

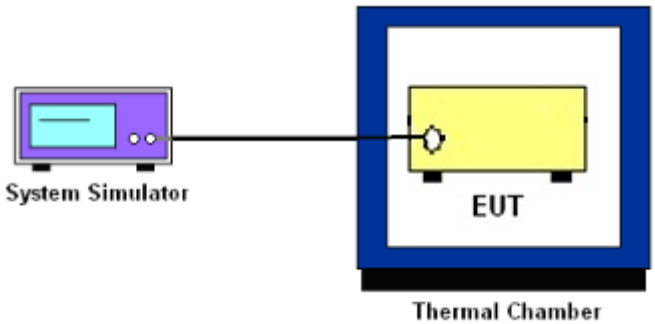
3.2.1 Conducted Output Power



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



3.2.3 Frequency Stability



3.3 Test Result of Conducted Test

Please refer to Appendix A.

3.4 Conducted Output Power and ERP

3.4.1 Description of the Conducted Output Power Measurement and ERP 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 and Band 26.

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

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

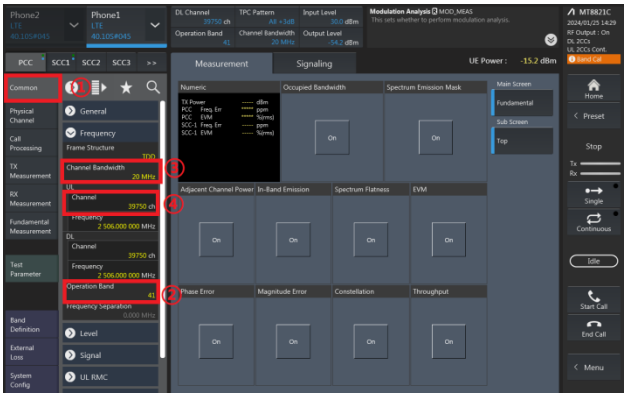
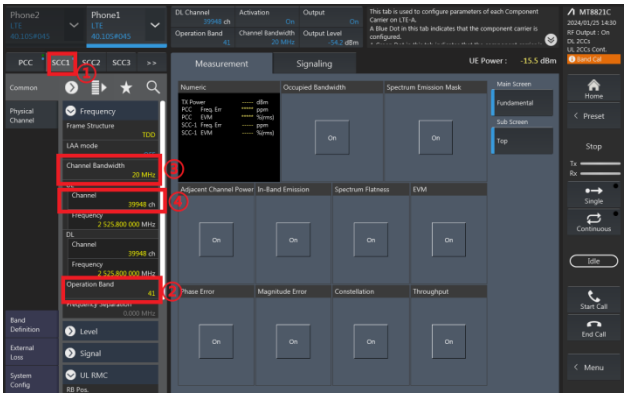
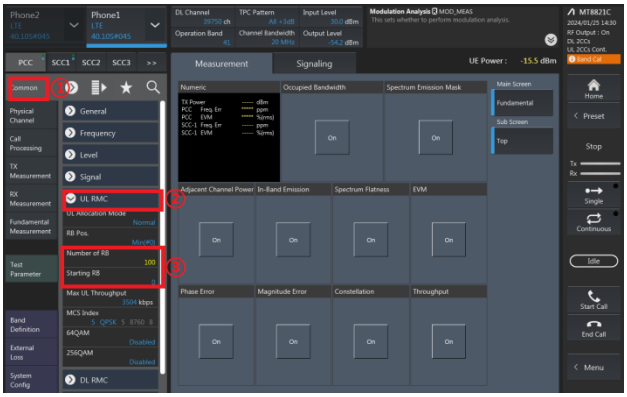
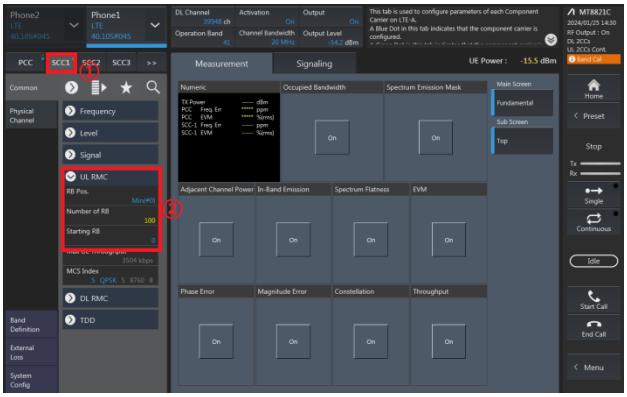
L_C = signal attenuation in the connecting cable between the transmitter and antenna in dB

3.4.2 Test Procedures

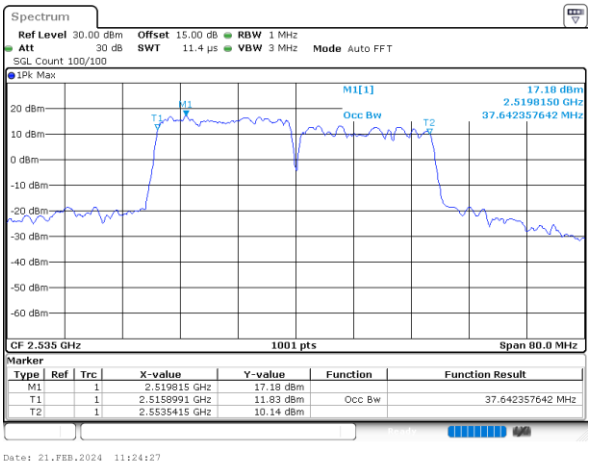
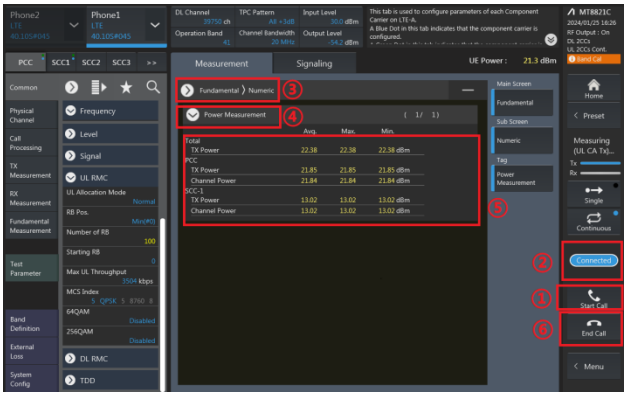
1. The testing follows ANSI C63.26 Section 5.2
2. The transmitter output port was connected to the system simulator.
3. Set EUT at maximum power through the system simulator.
4. Select lowest, middle, and highest channels for each band and different modulation.
5. Measure and record the power level from the system simulator.

3.4.3 Test Procedures for LTE ULCA

1. The testing follows ANSI C63.26 Section 5.2
2. The transmitter PCC & SCC output ports were connected to the system simulator.
3. Set EUT at maximum power, set the PCC/SCC CA band, channel, bandwidth and RB config.

PCC config_(Channel Bandwidth / Channel / Band)	SCC config_(Channel Bandwidth / Channel / Band)
	
PCC config_(Number of RB / Starting RB)	**SCC config_(Number of RB / Starting RB)**
	

4. Select lowest, middle, and highest channels for each ULCA band and different modulation.
5. Check the ULCA spectrum and record the total power from the system simulator.

Check the ULCA spectrum (eg. 20M+20M)	Read the Total UL CA output power (PCC+SCC)
	

3.5 Peak-to-Average Ratio

3.5.1 Description of the PAR Measurement

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

3.5.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.2.3.4 (CCDF).
2. The EUT was connected to spectrum and system simulator via a power divider.
3. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
4. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1 %.
5. Record the deviation as Peak to Average Ratio.

3.6 Occupied Bandwidth

3.6.1 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.

3.6.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.4
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. 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.
4. 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.
5. Set the detection mode to peak, and the trace mode to max hold.
6. 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)
7. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
8. 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.
9. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.

3.7 Conducted Band Edge

3.7.1 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[Watts]) dB below the transmitter power P(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.

27.53 (c)

For operations in the 776-788 MHz band, the FCC limit is 43 + $10\log_{10}$(P[Watts]) dB below the transmitter power P(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 log10 p(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 + 10log10(P[Watts]) dB below the transmitter power P(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.

3.7.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The band edges of low and high channels for the highest RF powers were measured.
4. Set RBW >= 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
5. Beyond the 1 MHz band from the band edge, RBW=1MHz was used.
6. Set spectrum analyzer with RMS detector.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
8. Checked that all the results comply with the emission limit line.

   Example:

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

   = P(W)- [43 + 10log(P)] (dB)

   = [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB) = -13dBm.

   When using the integration method, the starting frequency of the integration shall be centered at one-half of the RBW away from the band edge.

3.8 Conducted Spurious Emission

3.8.1 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.

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

3.8.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. 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.
4. The middle channel for the highest RF power within the transmitting frequency was measured.
5. The conducted spurious emission for the whole frequency range was taken.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
7. Set spectrum analyzer with RMS detector.
8. Taking the record of maximum spurious emission.
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
10. The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
    = P(W)- [43 + 10log(P)] (dB)
    = [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB)
    = -13dBm.

3.9 Frequency Stability

3.9.1 Description of Frequency Stability Measurement

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 ±0.00025% (±2.5ppm) of the center frequency.

3.9.2 Test Procedures for Temperature Variation

1. The testing follows ANSI C63.26 section 5.6.4
2. The EUT was set up in the thermal chamber and connected with the system simulator.
3. 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.
4. 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.

3.9.3 Test Procedures for Voltage Variation

1. The testing follows ANSI C63.26 section 5.6.5
2. The EUT was placed in a temperature chamber at 20±5°C and connected with the system simulator.
3. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value for other than hand carried battery equipment.
4. For hand carried, battery powered equipment, reduce the primary ac or dc supply voltage to the battery operating end point, which shall be specified by the manufacturer.
5. The variation in frequency was measured for the worst case.

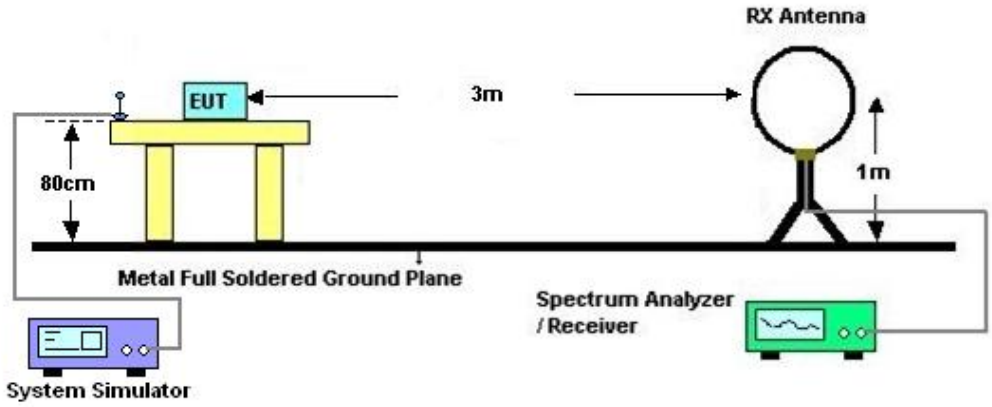
4 Radiated Test Items

4.1 Measuring Instruments

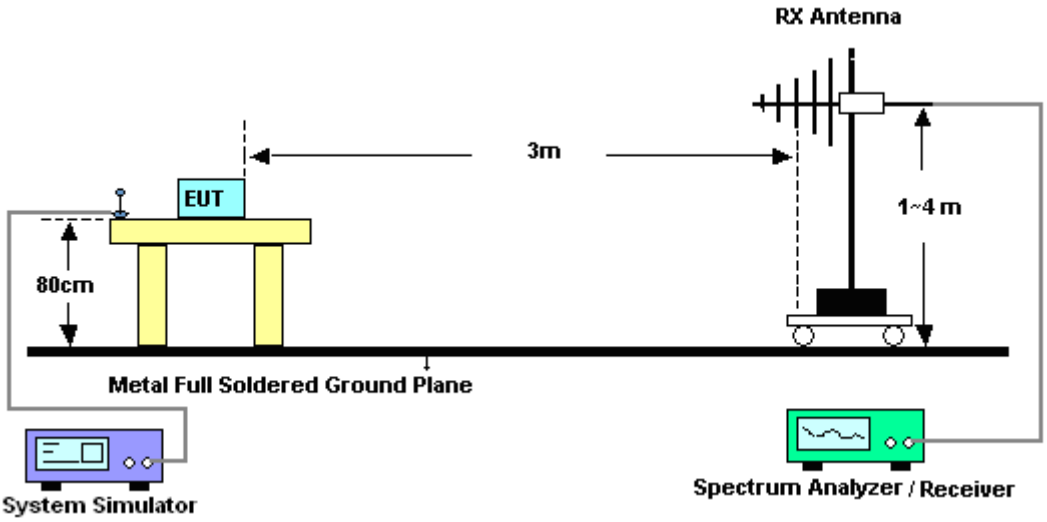
See list of measuring instruments of this test report.

4.2 Test Setup

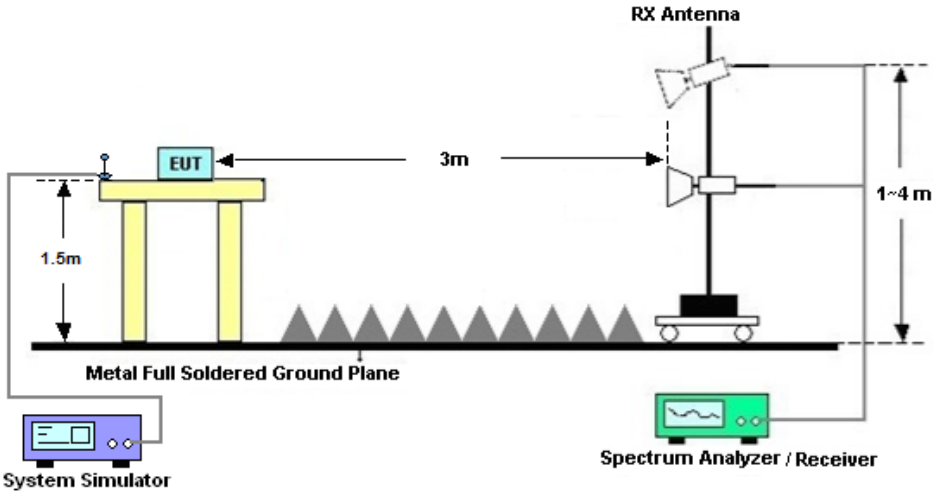
4.2.1 For radiated test below 30MHz



4.2.2 For radiated test from 30MHz to 1GHz



4.2.3 For radiated test above 1GHz



4.3 Test Result of Radiated Test

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.

Please refer to Appendix B.

4.4 Radiated Spurious Emission

4.4.1 Description of Radiated Spurious Emission

The radiated spurious emission was measured by substitution method according to ANSI C63.26. 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 13

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

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

4.4.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.5
2. The EUT was placed on a turntable with 0.8 meter height for frequency below 1GHz and 1.5 meter height for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the receiving antenna mounted on the antenna tower.
4. The table was rotated 360 degrees to determine the position of the highest spurious emission.
5. The height of the receiving antenna is varied between 1m to 4m to search the maximum spurious emission for both horizontal and vertical polarizations.
6. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
7. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
8. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
9. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
10. EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain
11. ERP (dBm) = EIRP - 2.15
12. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
    The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
    = P(W)- [43 + 10log(P)] (dB)
    = [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB)
    = -13dBm.

5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 03, 2025	Aug. 13, 2025	Jul. 02, 2026	Radiation (03CH02-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 28, 2024	Aug. 13, 2025	Dec. 27, 2025	Radiation (03CH02-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz-2GHz	Oct. 24, 2023	Aug. 13, 2025	Oct. 23, 2025	Radiation (03CH02-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 04, 2025	Aug. 13, 2025	Jul. 04, 2026	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 03, 2025	Aug. 13, 2025	Jul. 03, 2026	Radiation (03CH02-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 03, 2025	Aug. 13, 2025	Apr. 02, 2027	Radiation (03CH02-SZ)
LF Amplifier	EM Electronics	EM330	060788	20MHz-3GHz	Dec. 25, 2024	Aug. 13, 2025	Dec. 24, 2025	Radiation (03CH02-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5Ghz	Oct. 14, 2024	Aug. 13, 2025	Oct. 13, 2025	Radiation (03CH02-SZ)
AC Power Source	Chroma	61601	616010003043	N/A	Oct. 18, 2024	Aug. 13, 2025	Oct. 17, 2025	Radiation (03CH02-SZ)
Turn Table	Chaintek	T-200	N/A	0~360 degree	NCR	Aug. 13, 2025	NCR	Radiation (03CH02-SZ)
Antenna Mast	Chaintek	MBS-400	N/A	1 m~4 m	NCR	Aug. 13, 2025	NCR	Radiation (03CH02-SZ)
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 02, 2025	Jul. 11, 2025~ Jul. 28, 2025	Apr. 01, 2026	Conducted (TH01-SZ)
DC Power Supply	TTI	PL330P	290070	Max 32V，3A	Oct.14,2024	Jul. 11, 2025~ Jul. 28, 2025	Oct. 13, 2025	Conducted (TH01-SZ)
Power Divider	Titan	P02N005180	923402	0.4GHz~26.5GHz	Nov. 08, 2024	Jul. 11, 2025~ Jul. 28, 2025	Nov. 07, 2025	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H2014081803	-40~+150°C	Jul. 02, 2025	Jul. 11, 2025~ Jul. 28, 2025	Jul. 01, 2026	Conducted (TH01-SZ)

NCR: No Calibration Required

6 Measurement Uncertainty

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.26-2015. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

Uncertainty of Conducted Measurement

Test Item	Uncertainty
Conducted Spurious Emission & Bandedge	±1.34 dB
Occupied Channel Bandwidth	±0.012 MHz
Conducted Power	±1.34 dB
Peak to Average Ratio	±1.34 dB
Frequency Stability	±1.3 Hz

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.47 dB

Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.31 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.72 dB

---------- THE END ----------

Appendix A. Test Results of Conducted Test

Test Engineer :	Nina Cheng	Temperature :	24~26℃
		Relative Humidity :	50~53%

Conducted Output Power(Average power) and ERP

LTE Band 5_ANT0:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)		
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844	L	M	H
10	QPSK	1	0	23.68	23.71	23.70	0.0897	0.0904	0.0902
10	QPSK	1	25	23.63	23.68	23.53	0.0887	0.0897	0.0867
10	QPSK	1	49	23.55	23.65	23.64	0.0871	0.0891	0.0889
10	QPSK	25	0	22.61	22.66	22.58	0.0701	0.0710	0.0697
10	QPSK	25	12	22.52	22.65	22.54	0.0687	0.0708	0.0690
10	QPSK	25	25	22.50	22.59	22.56	0.0684	0.0698	0.0693
10	QPSK	50	0	22.58	22.60	22.46	0.0697	0.0700	0.0678
10	16QAM	1	0	23.01	23.07	22.99	0.0769	0.0780	0.0766
10	16QAM	1	25	23.01	23.02	22.91	0.0769	0.0771	0.0752
10	16QAM	1	49	22.77	22.82	22.78	0.0728	0.0736	0.0729
10	16QAM	25	0	21.60	21.67	21.64	0.0556	0.0565	0.0561
10	16QAM	25	12	21.61	21.66	21.64	0.0557	0.0564	0.0561
10	16QAM	25	25	21.59	21.69	21.68	0.0555	0.0568	0.0566
10	16QAM	50	0	21.51	21.66	21.54	0.0545	0.0564	0.0548
10	64QAM	1	0	21.68	21.81	21.77	0.0566	0.0583	0.0578
10	64QAM	1	25	21.92	22.04	22.03	0.0598	0.0615	0.0614
10	64QAM	1	49	21.72	21.73	21.72	0.0571	0.0573	0.0571
10	64QAM	25	0	20.63	20.68	20.54	0.0445	0.0450	0.0436
10	64QAM	25	12	20.63	20.70	20.63	0.0445	0.0452	0.0445
10	64QAM	25	25	20.69	20.72	20.64	0.0451	0.0454	0.0446
10	64QAM	50	0	20.64	20.68	20.55	0.0446	0.0450	0.0437
10	256QAM	1	0	18.85	18.89	18.75	0.0295	0.0298	0.0288
10	256QAM	1	25	18.82	18.88	18.80	0.0293	0.0297	0.0292
10	256QAM	1	49	18.97	19.09	19.06	0.0303	0.0312	0.0310
10	256QAM	25	0	18.77	18.88	18.79	0.0290	0.0297	0.0291
10	256QAM	25	12	18.93	18.94	18.92	0.0301	0.0301	0.0300
10	256QAM	25	25	18.94	18.95	18.93	0.0301	0.0302	0.0301
10	256QAM	50	0	18.95	19.04	19.01	0.0302	0.0308	0.0306
Channel				20425	20525	20625	ERP(W)		
Frequency (MHz)				826.5	836.5	846.5	L	M	H
5	QPSK	1	0	23.55	23.70	23.69	0.0871	0.0902	0.0899
5	QPSK	1	12	23.51	23.66	23.46	0.0863	0.0893	0.0853

5	QPSK	1	24	23.50	23.56	23.55	0.0861	0.0873	0.0871
5	QPSK	12	0	22.39	22.60	22.49	0.0667	0.0700	0.0682
5	QPSK	12	7	22.47	22.51	22.44	0.0679	0.0685	0.0675
5	QPSK	12	13	22.40	22.46	22.52	0.0668	0.0678	0.0687
5	QPSK	25	0	22.47	22.53	22.40	0.0679	0.0689	0.0668
5	16QAM	1	0	22.94	22.93	22.95	0.0757	0.0755	0.0759
5	16QAM	1	12	22.89	22.93	22.90	0.0748	0.0755	0.0750
5	16QAM	1	24	22.73	22.81	22.75	0.0721	0.0735	0.0724
5	16QAM	12	0	21.55	21.61	21.54	0.0550	0.0557	0.0548
5	16QAM	12	7	21.58	21.62	21.50	0.0553	0.0558	0.0543
5	16QAM	12	13	21.51	21.65	21.55	0.0545	0.0562	0.0550
5	16QAM	25	0	21.42	21.61	21.39	0.0533	0.0557	0.0530
5	64QAM	1	0	21.54	21.70	21.71	0.0548	0.0569	0.0570
5	64QAM	1	12	21.87	22.00	21.88	0.0592	0.0610	0.0593
5	64QAM	1	24	21.59	21.65	21.65	0.0555	0.0562	0.0562
5	64QAM	12	0	20.51	20.60	20.39	0.0433	0.0442	0.0421
5	64QAM	12	7	20.54	20.59	20.57	0.0436	0.0441	0.0439
5	64QAM	12	13	20.61	20.62	20.59	0.0443	0.0444	0.0441
5	64QAM	25	0	20.58	20.64	20.49	0.0440	0.0446	0.0431
5	256QAM	1	0	18.73	18.78	18.61	0.0287	0.0290	0.0279
5	256QAM	1	12	18.68	18.77	18.70	0.0284	0.0290	0.0285
5	256QAM	1	24	18.89	18.98	19.05	0.0298	0.0304	0.0309
5	256QAM	12	0	18.69	18.81	18.65	0.0284	0.0292	0.0282
5	256QAM	12	7	18.83	18.89	18.79	0.0294	0.0298	0.0291
5	256QAM	12	13	18.82	18.82	18.91	0.0293	0.0293	0.0299
5	256QAM	25	0	18.81	18.98	18.92	0.0292	0.0304	0.0300
Channel				20415	20525	20635	ERP(W)		
Frequency (MHz)				825.5	836.5	847.5	L	M	H
3	QPSK	1	0	23.55	23.62	23.67	0.0871	0.0885	0.0895
3	QPSK	1	8	23.50	23.60	23.48	0.0861	0.0881	0.0857
3	QPSK	1	14	23.46	23.63	23.60	0.0853	0.0887	0.0881
3	QPSK	8	0	22.39	22.53	22.49	0.0667	0.0689	0.0682
3	QPSK	8	4	22.46	22.63	22.44	0.0678	0.0705	0.0675
3	QPSK	8	7	22.48	22.52	22.47	0.0681	0.0687	0.0679
3	QPSK	15	0	22.52	22.58	22.41	0.0687	0.0697	0.0670
3	16QAM	1	0	22.99	23.00	22.88	0.0766	0.0767	0.0746
3	16QAM	1	8	22.86	22.89	22.81	0.0743	0.0748	0.0735
3	16QAM	1	14	22.75	22.80	22.64	0.0724	0.0733	0.0706
3	16QAM	8	0	21.45	21.60	21.63	0.0537	0.0556	0.0560
3	16QAM	8	4	21.56	21.54	21.58	0.0551	0.0548	0.0553
3	16QAM	8	7	21.45	21.58	21.61	0.0537	0.0553	0.0557
3	16QAM	15	0	21.48	21.61	21.53	0.0541	0.0557	0.0547
3	64QAM	1	0	21.62	21.73	21.74	0.0558	0.0573	0.0574
3	64QAM	1	8	21.90	21.93	21.96	0.0596	0.0600	0.0604
3	64QAM	1	14	21.67	21.61	21.70	0.0565	0.0557	0.0569

3	64QAM	8	0	20.52	20.56	20.53	0.0434	0.0438	0.0435
3	64QAM	8	4	20.57	20.58	20.53	0.0439	0.0440	0.0435
3	64QAM	8	7	20.68	20.68	20.49	0.0450	0.0450	0.0431
3	64QAM	15	0	20.58	20.59	20.40	0.0440	0.0441	0.0422
3	256QAM	1	0	18.80	18.83	18.64	0.0292	0.0294	0.0281
3	256QAM	1	8	18.76	18.86	18.75	0.0289	0.0296	0.0288
3	256QAM	1	14	18.94	19.06	18.92	0.0301	0.0310	0.0300
3	256QAM	8	0	18.62	18.78	18.70	0.0280	0.0290	0.0285
3	256QAM	8	4	18.88	18.92	18.83	0.0297	0.0300	0.0294
3	256QAM	8	7	18.82	18.89	18.81	0.0293	0.0298	0.0292
3	256QAM	15	0	18.90	18.96	18.86	0.0299	0.0303	0.0296
Channel				20407	20525	20643	ERP(W)		
Frequency (MHz)				824.7	836.5	848.3	L	M	H
1.4	QPSK	1	0	23.58	23.64	23.62	0.0877	0.0889	0.0885
1.4	QPSK	1	3	23.49	23.66	23.38	0.0859	0.0893	0.0838
1.4	QPSK	1	5	23.45	23.57	23.57	0.0851	0.0875	0.0875
1.4	QPSK	3	0	23.51	23.49	23.50	0.0863	0.0859	0.0861
1.4	QPSK	3	1	23.40	23.55	23.27	0.0841	0.0871	0.0817
1.4	QPSK	3	3	23.44	23.53	23.45	0.0849	0.0867	0.0851
1.4	QPSK	6	0	22.47	22.58	22.38	0.0679	0.0697	0.0665
1.4	16QAM	1	0	23.00	22.92	22.91	0.0767	0.0753	0.0752
1.4	16QAM	1	3	22.92	22.95	22.80	0.0753	0.0759	0.0733
1.4	16QAM	1	5	22.73	22.79	22.64	0.0721	0.0731	0.0706
1.4	16QAM	3	0	22.86	22.80	22.76	0.0743	0.0733	0.0726
1.4	16QAM	3	1	22.82	22.84	22.73	0.0736	0.0740	0.0721
1.4	16QAM	3	3	22.64	22.67	22.53	0.0706	0.0711	0.0689
1.4	16QAM	6	0	21.39	21.61	21.39	0.0530	0.0557	0.0530
1.4	64QAM	1	0	21.58	21.77	21.71	0.0553	0.0578	0.0570
1.4	64QAM	1	3	21.87	21.95	21.96	0.0592	0.0603	0.0604
1.4	64QAM	1	5	21.68	21.69	21.63	0.0566	0.0568	0.0560
1.4	64QAM	3	0	21.44	21.64	21.61	0.0536	0.0561	0.0557
1.4	64QAM	3	1	21.73	21.88	21.90	0.0573	0.0593	0.0596
1.4	64QAM	3	3	21.57	21.58	21.52	0.0552	0.0553	0.0546
1.4	64QAM	6	0	20.58	20.55	20.44	0.0440	0.0437	0.0426
1.4	256QAM	1	0	18.81	18.85	18.61	0.0292	0.0295	0.0279
1.4	256QAM	1	3	18.80	18.84	18.67	0.0292	0.0294	0.0283
1.4	256QAM	1	5	18.85	18.94	19.01	0.0295	0.0301	0.0306
1.4	256QAM	3	0	18.74	18.86	18.72	0.0288	0.0296	0.0286
1.4	256QAM	3	1	18.86	18.88	18.88	0.0296	0.0297	0.0297
1.4	256QAM	3	3	18.93	18.92	18.92	0.0301	0.0300	0.0300
1.4	256QAM	6	0	18.91	18.91	19.00	0.0299	0.0299	0.0305

LTE Band 12_ANT0:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)		
Channel				23060	23095	23130			
Frequency (MHz)				704	707.5	711	L	M	H
10	QPSK	1	0	22.48	22.50	22.46	0.0764	0.0767	0.0760
10	QPSK	1	25	22.43	22.48	22.41	0.0755	0.0764	0.0752
10	QPSK	1	49	22.30	22.44	22.39	0.0733	0.0757	0.0748
10	QPSK	25	0	21.47	21.49	21.46	0.0605	0.0608	0.0604
10	QPSK	25	12	21.35	21.45	21.41	0.0589	0.0603	0.0597
10	QPSK	25	25	21.38	21.41	21.39	0.0593	0.0597	0.0594
10	QPSK	50	0	21.37	21.47	21.39	0.0592	0.0605	0.0594
10	16QAM	1	0	21.60	21.67	21.59	0.0624	0.0634	0.0622
10	16QAM	1	25	21.67	21.78	21.73	0.0634	0.0650	0.0643
10	16QAM	1	49	21.61	21.71	21.66	0.0625	0.0640	0.0632
10	16QAM	25	0	20.30	20.42	20.30	0.0462	0.0475	0.0462
10	16QAM	25	12	20.37	20.50	20.40	0.0470	0.0484	0.0473
10	16QAM	25	25	20.53	20.54	20.51	0.0488	0.0489	0.0485
10	16QAM	50	0	20.42	20.51	20.41	0.0475	0.0485	0.0474
10	64QAM	1	0	20.41	20.46	20.32	0.0474	0.0480	0.0465
10	64QAM	1	25	20.63	20.67	20.54	0.0499	0.0504	0.0489
10	64QAM	1	49	20.45	20.58	20.51	0.0479	0.0493	0.0485
10	64QAM	25	0	19.35	19.40	19.38	0.0372	0.0376	0.0374
10	64QAM	25	12	19.43	19.54	19.50	0.0378	0.0388	0.0385
10	64QAM	25	25	19.48	19.50	19.35	0.0383	0.0385	0.0372
10	64QAM	50	0	19.41	19.50	19.44	0.0377	0.0385	0.0379
10	256QAM	1	0	17.56	17.64	17.60	0.0246	0.0251	0.0248
10	256QAM	1	25	17.71	17.74	17.67	0.0255	0.0256	0.0252
10	256QAM	1	49	17.66	17.68	17.67	0.0252	0.0253	0.0252
10	256QAM	25	0	17.47	17.53	17.41	0.0241	0.0244	0.0238
10	256QAM	25	12	17.61	17.75	17.73	0.0249	0.0257	0.0256
10	256QAM	25	25	17.56	17.64	17.57	0.0246	0.0251	0.0247
10	256QAM	50	0	17.56	17.62	17.57	0.0246	0.0249	0.0247
Channel				23035	23095	23155	ERP(W)		
Frequency (MHz)				701.5	707.5	713.5	L	M	H
5	QPSK	1	0	22.33	22.37	22.40	0.0738	0.0745	0.0750
5	QPSK	1	12	22.35	22.33	22.37	0.0741	0.0738	0.0745
5	QPSK	1	24	22.33	22.32	22.36	0.0738	0.0736	0.0743
5	QPSK	12	0	21.40	21.34	21.38	0.0596	0.0587	0.0593
5	QPSK	12	7	21.31	21.44	21.31	0.0583	0.0601	0.0583
5	QPSK	12	13	21.30	21.31	21.36	0.0582	0.0583	0.0590
5	QPSK	25	0	21.36	21.37	21.38	0.0590	0.0592	0.0593
5	16QAM	1	0	21.57	21.57	21.56	0.0619	0.0619	0.0618
5	16QAM	1	12	21.54	21.75	21.64	0.0615	0.0646	0.0630
5	16QAM	1	24	21.60	21.62	21.56	0.0624	0.0627	0.0618

5	16QAM	12	0	20.38	20.33	20.39	0.0471	0.0466	0.0472
5	16QAM	12	7	20.39	20.38	20.37	0.0472	0.0471	0.0470
5	16QAM	12	13	20.42	20.52	20.40	0.0475	0.0486	0.0473
5	16QAM	25	0	20.32	20.49	20.32	0.0465	0.0483	0.0465
5	64QAM	1	0	20.36	20.37	20.37	0.0469	0.0470	0.0470
5	64QAM	1	12	20.58	20.64	20.42	0.0493	0.0500	0.0475
5	64QAM	1	24	20.30	20.44	20.41	0.0462	0.0478	0.0474
5	64QAM	12	0	19.33	19.38	19.36	0.0370	0.0374	0.0372
5	64QAM	12	7	19.36	19.46	19.48	0.0372	0.0381	0.0383
5	64QAM	12	13	19.38	19.47	19.32	0.0374	0.0382	0.0369
5	64QAM	25	0	19.36	19.42	19.30	0.0372	0.0378	0.0367
5	256QAM	1	0	17.46	17.51	17.59	0.0240	0.0243	0.0248
5	256QAM	1	12	17.70	17.65	17.56	0.0254	0.0251	0.0246
5	256QAM	1	24	17.65	17.65	17.55	0.0251	0.0251	0.0245
5	256QAM	12	0	17.44	17.38	17.36	0.0239	0.0236	0.0235
5	256QAM	12	7	17.54	17.73	17.72	0.0245	0.0256	0.0255
5	256QAM	12	13	17.43	17.51	17.46	0.0239	0.0243	0.0240
5	256QAM	25	0	17.42	17.55	17.54	0.0238	0.0245	0.0245
Channel				23025	23095	23165	ERP(W)		
Frequency (MHz)				700.5	707.5	714.5	L	M	H
3	QPSK	1	0	22.34	22.38	22.44	0.0740	0.0746	0.0757
3	QPSK	1	8	22.31	22.34	22.38	0.0735	0.0740	0.0746
3	QPSK	1	14	22.31	22.43	22.35	0.0735	0.0755	0.0741
3	QPSK	8	0	21.44	21.42	21.35	0.0601	0.0598	0.0589
3	QPSK	8	4	21.30	21.33	21.38	0.0582	0.0586	0.0593
3	QPSK	8	7	21.31	21.39	21.34	0.0583	0.0594	0.0587
3	QPSK	15	0	21.35	21.38	21.31	0.0589	0.0593	0.0583
3	16QAM	1	0	21.54	21.52	21.57	0.0615	0.0612	0.0619
3	16QAM	1	8	21.62	21.73	21.66	0.0627	0.0643	0.0632
3	16QAM	1	14	21.48	21.56	21.56	0.0607	0.0618	0.0618
3	16QAM	8	0	20.37	20.33	20.34	0.0470	0.0466	0.0467
3	16QAM	8	4	20.38	20.48	20.30	0.0471	0.0482	0.0462
3	16QAM	8	7	20.52	20.47	20.48	0.0486	0.0481	0.0482
3	16QAM	15	0	20.35	20.49	20.36	0.0468	0.0483	0.0469
3	64QAM	1	0	20.32	20.40	20.38	0.0465	0.0473	0.0471
3	64QAM	1	8	20.58	20.53	20.51	0.0493	0.0488	0.0485
3	64QAM	1	14	20.30	20.45	20.42	0.0462	0.0479	0.0475
3	64QAM	8	0	19.36	19.39	19.36	0.0372	0.0375	0.0372
3	64QAM	8	4	19.42	19.39	19.46	0.0378	0.0375	0.0381
3	64QAM	8	7	19.42	19.37	19.33	0.0378	0.0373	0.0370
3	64QAM	15	0	19.36	19.46	19.34	0.0372	0.0381	0.0371
3	256QAM	1	0	17.48	17.50	17.57	0.0242	0.0243	0.0247
3	256QAM	1	8	17.63	17.59	17.56	0.0250	0.0248	0.0246
3	256QAM	1	14	17.63	17.53	17.52	0.0250	0.0244	0.0244
3	256QAM	8	0	17.44	17.50	17.35	0.0239	0.0243	0.0234

3	256QAM	8	4	17.51	17.67	17.70	0.0243	0.0252	0.0254
3	256QAM	8	7	17.54	17.51	17.52	0.0245	0.0243	0.0244
3	256QAM	15	0	17.45	17.61	17.43	0.0240	0.0249	0.0239
Channel				23017	23095	23173	ERP(W)		
Frequency (MHz)				699.7	707.5	715.3	L	M	H
1.4	QPSK	1	0	22.39	22.48	22.34	0.0748	0.0764	0.0740
1.4	QPSK	1	3	22.34	22.34	22.38	0.0740	0.0740	0.0746
1.4	QPSK	1	5	22.37	22.37	22.38	0.0745	0.0745	0.0746
1.4	QPSK	3	0	22.32	22.45	22.37	0.0736	0.0759	0.0745
1.4	QPSK	3	1	22.39	22.39	22.34	0.0748	0.0748	0.0740
1.4	QPSK	3	3	22.35	22.39	22.33	0.0741	0.0748	0.0738
1.4	QPSK	6	0	21.32	21.38	21.32	0.0585	0.0593	0.0585
1.4	16QAM	1	0	21.58	21.57	21.56	0.0621	0.0619	0.0618
1.4	16QAM	1	3	21.52	21.69	21.68	0.0612	0.0637	0.0635
1.4	16QAM	1	5	21.60	21.68	21.57	0.0624	0.0635	0.0619
1.4	16QAM	3	0	21.55	21.53	21.52	0.0617	0.0614	0.0612
1.4	16QAM	3	1	21.47	21.55	21.53	0.0605	0.0617	0.0614
1.4	16QAM	3	3	21.46	21.54	21.47	0.0604	0.0615	0.0605
1.4	16QAM	6	0	20.34	20.45	20.36	0.0467	0.0479	0.0469
1.4	64QAM	1	0	20.38	20.32	20.38	0.0471	0.0465	0.0471
1.4	64QAM	1	3	20.62	20.58	20.43	0.0498	0.0493	0.0476
1.4	64QAM	1	5	20.32	20.43	20.39	0.0465	0.0476	0.0472
1.4	64QAM	3	0	20.36	20.33	20.37	0.0469	0.0466	0.0470
1.4	64QAM	3	1	20.48	20.56	20.42	0.0482	0.0491	0.0475
1.4	64QAM	3	3	20.31	20.39	20.35	0.0463	0.0472	0.0468
1.4	64QAM	6	0	19.35	19.43	19.32	0.0372	0.0378	0.0369
1.4	256QAM	1	0	17.50	17.57	17.56	0.0243	0.0247	0.0246
1.4	256QAM	1	3	17.61	17.64	17.55	0.0249	0.0251	0.0245
1.4	256QAM	1	5	17.64	17.65	17.61	0.0251	0.0251	0.0249
1.4	256QAM	3	0	17.37	17.42	17.36	0.0236	0.0238	0.0235
1.4	256QAM	3	1	17.60	17.71	17.68	0.0248	0.0255	0.0253
1.4	256QAM	3	3	17.41	17.61	17.49	0.0238	0.0249	0.0242
1.4	256QAM	6	0	17.44	17.57	17.47	0.0239	0.0247	0.0241

LTE Band 13_ANT0:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)		
Channel					23230				
Frequency (MHz)					782			M	
10	QPSK	1	0		23.64			0.0998	
10	QPSK	1	25		23.59			0.0986	
10	QPSK	1	49		23.59			0.0986	
10	QPSK	25	0		22.61			0.0787	
10	QPSK	25	12		22.53			0.0773	
10	QPSK	25	25		22.55			0.0776	

10	QPSK	50	0		22.59			0.0783	
10	16QAM	1	0		22.78			0.0818	
10	16QAM	1	25		22.86			0.0834	
10	16QAM	1	49		22.89			0.0839	
10	16QAM	25	0		21.69			0.0637	
10	16QAM	25	12		21.69			0.0637	
10	16QAM	25	25		21.62			0.0627	
10	16QAM	50	0		21.61			0.0625	
10	64QAM	1	0		21.77			0.0649	
10	64QAM	1	25		21.87			0.0664	
10	64QAM	1	49		21.78			0.0650	
10	64QAM	25	0		20.71			0.0508	
10	64QAM	25	12		20.69			0.0506	
10	64QAM	25	25		20.64			0.0500	
10	64QAM	50	0		20.61			0.0497	
10	256QAM	1	0		18.90			0.0335	
10	256QAM	1	25		18.98			0.0341	
10	256QAM	1	49		18.63			0.0315	
10	256QAM	25	0		18.78			0.0326	
10	256QAM	25	12		18.77			0.0325	
10	256QAM	25	25		18.70			0.0320	
10	256QAM	50	0		18.69			0.0319	
Channel				23205	23230	23255	ERP(W)		
Frequency (MHz)				779.5	782	784.5	L	M	H
5	QPSK	1	0	23.52	23.56	23.61	0.0971	0.0979	0.0991
5	QPSK	1	12	23.46	23.46	23.58	0.0957	0.0957	0.0984
5	QPSK	1	24	23.57	23.53	23.45	0.0982	0.0973	0.0955
5	QPSK	12	0	22.48	22.59	22.60	0.0764	0.0783	0.0785
5	QPSK	12	7	22.38	22.44	22.41	0.0746	0.0757	0.0752
5	QPSK	12	13	22.52	22.47	22.43	0.0771	0.0762	0.0755
5	QPSK	25	0	22.57	22.47	22.57	0.0780	0.0762	0.0780
5	16QAM	1	0	22.77	22.67	22.77	0.0817	0.0798	0.0817
5	16QAM	1	12	22.83	22.75	22.76	0.0828	0.0813	0.0815
5	16QAM	1	24	22.84	22.82	22.87	0.0830	0.0826	0.0836
5	16QAM	12	0	21.54	21.61	21.56	0.0615	0.0625	0.0618
5	16QAM	12	7	21.63	21.56	21.67	0.0628	0.0618	0.0634
5	16QAM	12	13	21.56	21.61	21.47	0.0618	0.0625	0.0605
5	16QAM	25	0	21.58	21.48	21.56	0.0621	0.0607	0.0618
5	64QAM	1	0	21.72	21.64	21.70	0.0641	0.0630	0.0638
5	64QAM	1	12	21.82	21.75	21.81	0.0656	0.0646	0.0655
5	64QAM	1	24	21.74	21.74	21.69	0.0644	0.0644	0.0637
5	64QAM	12	0	20.57	20.62	20.69	0.0492	0.0498	0.0506
5	64QAM	12	7	20.55	20.55	20.60	0.0490	0.0490	0.0495
5	64QAM	12	13	20.59	20.61	20.60	0.0494	0.0497	0.0495
5	64QAM	25	0	20.52	20.58	20.52	0.0486	0.0493	0.0486

5	256QAM	1	0	18.84	18.77	18.86	0.0330	0.0325	0.0332
5	256QAM	1	12	18.86	18.90	18.87	0.0332	0.0335	0.0333
5	256QAM	1	24	18.62	18.49	18.51	0.0314	0.0305	0.0306
5	256QAM	12	0	18.73	18.65	18.73	0.0322	0.0316	0.0322
5	256QAM	12	7	18.62	18.74	18.69	0.0314	0.0323	0.0319
5	256QAM	12	13	18.67	18.69	18.56	0.0318	0.0319	0.0310
5	256QAM	25	0	18.56	18.66	18.62	0.0310	0.0317	0.0314

LTE Band 17_ANT0:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)		
Channel				23780	23790	23800			
Frequency (MHz)				709	710	711	L	M	H
10	QPSK	1	0	22.48	22.49	22.47	0.0681	0.0682	0.0679
10	QPSK	1	25	22.39	22.46	22.45	0.0667	0.0678	0.0676
10	QPSK	1	49	22.38	22.43	22.41	0.0665	0.0673	0.0670
10	QPSK	25	0	21.57	21.62	21.54	0.0552	0.0558	0.0548
10	QPSK	25	12	21.44	21.57	21.54	0.0536	0.0552	0.0548
10	QPSK	25	25	21.56	21.57	21.52	0.0551	0.0552	0.0546
10	QPSK	50	0	21.39	21.54	21.47	0.0530	0.0548	0.0540
10	16QAM	1	0	21.74	21.75	21.70	0.0574	0.0575	0.0569
10	16QAM	1	25	21.70	21.76	21.67	0.0569	0.0577	0.0565
10	16QAM	1	49	21.64	21.72	21.66	0.0561	0.0571	0.0564
10	16QAM	25	0	20.46	20.51	20.41	0.0428	0.0433	0.0423
10	16QAM	25	12	20.58	20.62	20.53	0.0440	0.0444	0.0435
10	16QAM	25	25	20.61	20.62	20.52	0.0443	0.0444	0.0434
10	16QAM	50	0	20.45	20.53	20.46	0.0427	0.0435	0.0428
10	64QAM	1	0	20.63	20.65	20.53	0.0445	0.0447	0.0435
10	64QAM	1	25	20.57	20.63	20.54	0.0439	0.0445	0.0436
10	64QAM	1	49	20.66	20.71	20.64	0.0448	0.0453	0.0446
10	64QAM	25	0	19.53	19.55	19.46	0.0345	0.0347	0.0340
10	64QAM	25	12	19.58	19.59	19.45	0.0349	0.0350	0.0339
10	64QAM	25	25	19.56	19.57	19.53	0.0348	0.0348	0.0345
10	64QAM	50	0	19.45	19.58	19.44	0.0339	0.0349	0.0338
10	256QAM	1	0	17.60	17.70	17.66	0.0221	0.0226	0.0224
10	256QAM	1	25	17.64	17.79	17.75	0.0223	0.0231	0.0229
10	256QAM	1	49	17.49	17.59	17.48	0.0216	0.0221	0.0215
10	256QAM	25	0	17.53	17.66	17.52	0.0218	0.0224	0.0217
10	256QAM	25	12	17.71	17.76	17.70	0.0227	0.0230	0.0226
10	256QAM	25	25	17.66	17.68	17.66	0.0224	0.0225	0.0224
10	256QAM	50	0	17.54	17.61	17.51	0.0218	0.0222	0.0217
Channel				23755	23790	23825	ERP(W)		
Frequency (MHz)				706.5	710	713.5	L	M	H
5	QPSK	1	0	22.59	22.59	22.53	0.0698	0.0698	0.0689
5	QPSK	1	12	22.36	22.41	22.34	0.0662	0.0670	0.0659

5	QPSK	1	24	22.36	22.38	22.31	0.0662	0.0665	0.0655
5	QPSK	12	0	21.51	21.56	21.48	0.0545	0.0551	0.0541
5	QPSK	12	7	21.42	21.50	21.50	0.0533	0.0543	0.0543
5	QPSK	12	13	21.54	21.42	21.38	0.0548	0.0533	0.0528
5	QPSK	25	0	21.35	21.39	21.35	0.0525	0.0530	0.0525
5	16QAM	1	0	21.60	21.74	21.66	0.0556	0.0574	0.0564
5	16QAM	1	12	21.62	21.69	21.65	0.0558	0.0568	0.0562
5	16QAM	1	24	21.56	21.59	21.56	0.0551	0.0555	0.0551
5	16QAM	12	0	20.39	20.50	20.38	0.0421	0.0432	0.0420
5	16QAM	12	7	20.43	20.48	20.41	0.0425	0.0430	0.0423
5	16QAM	12	13	20.51	20.61	20.51	0.0433	0.0443	0.0433
5	16QAM	25	0	20.30	20.50	20.37	0.0412	0.0432	0.0419
5	64QAM	1	0	20.53	20.50	20.49	0.0435	0.0432	0.0431
5	64QAM	1	12	20.54	20.48	20.40	0.0436	0.0430	0.0422
5	64QAM	1	24	20.59	20.59	20.55	0.0441	0.0441	0.0437
5	64QAM	12	0	19.43	19.46	19.34	0.0337	0.0340	0.0330
5	64QAM	12	7	19.45	19.44	19.41	0.0339	0.0338	0.0336
5	64QAM	12	13	19.46	19.52	19.47	0.0340	0.0344	0.0340
5	64QAM	25	0	19.40	19.49	19.32	0.0335	0.0342	0.0329
5	256QAM	1	0	17.59	17.62	17.54	0.0221	0.0222	0.0218
5	256QAM	1	12	17.63	17.73	17.61	0.0223	0.0228	0.0222
5	256QAM	1	24	17.39	17.58	17.46	0.0211	0.0220	0.0214
5	256QAM	12	0	17.43	17.54	17.50	0.0213	0.0218	0.0216
5	256QAM	12	7	17.61	17.68	17.59	0.0222	0.0225	0.0221
5	256QAM	12	13	17.62	17.61	17.62	0.0222	0.0222	0.0222
5	256QAM	25	0	17.41	17.57	17.40	0.0212	0.0220	0.0211

LTE Band 26_ANT0:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)			
Channel				26790	26865	26915	26965				
Frequency (MHz)				824	831.5	836.5	841.5	Straddle Ch	L	M	H
15	QPSK	1	0	23.68	23.77	23.74	23.73	0.0897	0.0916	0.0910	0.0908
15	QPSK	1	37	23.68	23.69	23.66	23.62	0.0897	0.0899	0.0893	0.0885
15	QPSK	1	74	23.47	23.55	23.52	23.53	0.0855	0.0871	0.0865	0.0867
15	QPSK	36	0	22.67	22.71	22.68	22.64	0.0711	0.0718	0.0713	0.0706
15	QPSK	36	20	22.58	22.63	22.60	22.60	0.0697	0.0705	0.0700	0.0700
15	QPSK	36	39	22.49	22.58	22.55	22.53	0.0682	0.0697	0.0692	0.0689
15	QPSK	75	0	22.54	22.60	22.57	22.59	0.0690	0.0700	0.0695	0.0698
15	16QAM	1	0	22.70	22.72	22.69	22.71	0.0716	0.0719	0.0714	0.0718
15	16QAM	1	37	22.85	22.87	22.84	22.76	0.0741	0.0745	0.0740	0.0726
15	16QAM	1	74	22.65	22.72	22.69	22.64	0.0708	0.0719	0.0714	0.0706
15	16QAM	36	0	21.61	21.63	21.60	21.55	0.0557	0.0560	0.0556	0.0550
15	16QAM	36	20	21.62	21.69	21.66	21.56	0.0558	0.0568	0.0564	0.0551

15	16QAM	36	39	21.47	21.57	21.54	21.56	0.0540	0.0552	0.0548	0.0551
15	16QAM	75	0	21.57	21.63	21.60	21.51	0.0552	0.0560	0.0556	0.0545
15	64QAM	1	0	21.79	21.80	21.77	21.72	0.0581	0.0582	0.0578	0.0571
15	64QAM	1	37	21.73	21.82	21.79	21.79	0.0573	0.0585	0.0581	0.0581
15	64QAM	1	74	21.61	21.67	21.64	21.59	0.0557	0.0565	0.0561	0.0555
15	64QAM	36	0	20.59	20.67	20.64	20.57	0.0441	0.0449	0.0446	0.0439
15	64QAM	36	20	20.64	20.69	20.66	20.55	0.0446	0.0451	0.0448	0.0437
15	64QAM	36	39	20.59	20.60	20.57	20.53	0.0441	0.0442	0.0439	0.0435
15	64QAM	75	0	20.58	20.64	20.61	20.52	0.0440	0.0446	0.0443	0.0434
15	256QAM	1	0	18.87	18.96	18.93	18.90	0.0296	0.0303	0.0301	0.0299
15	256QAM	1	37	18.75	18.83	18.80	18.73	0.0288	0.0294	0.0292	0.0287
15	256QAM	1	74	18.71	18.80	18.77	18.74	0.0286	0.0292	0.0290	0.0288
15	256QAM	36	0	18.79	18.84	18.81	18.70	0.0291	0.0294	0.0292	0.0285
15	256QAM	36	20	18.78	18.82	18.79	18.71	0.0290	0.0293	0.0291	0.0286
15	256QAM	36	39	18.86	18.87	18.84	18.86	0.0296	0.0296	0.0294	0.0296
15	256QAM	75	0	18.80	18.84	18.81	18.82	0.0292	0.0294	0.0292	0.0293
Channel				-	26840	26915	26990	ERP(W)			
Frequency (MHz)				-	829	836.5	844	-	L	M	H
10	QPSK	1	0		23.67	23.70	23.71		0.0895	0.0902	0.0904
10	QPSK	1	25		23.46	23.60	23.48		0.0853	0.0881	0.0857
10	QPSK	1	49		23.40	23.43	23.45		0.0841	0.0847	0.0851
10	QPSK	25	0		22.65	22.59	22.58		0.0708	0.0698	0.0697
10	QPSK	25	12		22.57	22.48	22.52		0.0695	0.0681	0.0687
10	QPSK	25	25		22.42	22.45	22.48		0.0671	0.0676	0.0681
10	QPSK	50	0		22.39	22.52	22.44		0.0667	0.0687	0.0675
10	16QAM	1	0		22.61	22.59	22.68		0.0701	0.0698	0.0713
10	16QAM	1	25		22.75	22.70	22.64		0.0724	0.0716	0.0706
10	16QAM	1	49		22.58	22.60	22.54		0.0697	0.0700	0.0690
10	16QAM	25	0		21.51	21.49	21.47		0.0545	0.0542	0.0540
10	16QAM	25	12		21.54	21.58	21.55		0.0548	0.0553	0.0550
10	16QAM	25	25		21.46	21.50	21.45		0.0538	0.0543	0.0537
10	16QAM	50	0	/	21.46	21.58	21.50	/	0.0538	0.0553	0.0543
10	64QAM	1	0		21.67	21.69	21.57		0.0565	0.0568	0.0552
10	64QAM	1	25		21.60	21.73	21.67		0.0556	0.0573	0.0565
10	64QAM	1	49		21.46	21.53	21.50		0.0538	0.0547	0.0543
10	64QAM	25	0		20.57	20.51	20.44		0.0439	0.0433	0.0426
10	64QAM	25	12		20.66	20.52	20.45		0.0448	0.0434	0.0427
10	64QAM	25	25		20.35	20.47	20.41		0.0417	0.0429	0.0423
10	64QAM	50	0		20.36	20.60	20.51		0.0418	0.0442	0.0433
10	256QAM	1	0		18.85	18.89	18.84		0.0295	0.0298	0.0294
10	256QAM	1	25		18.73	18.68	18.70		0.0287	0.0284	0.0285
10	256QAM	1	49		18.63	18.65	18.73		0.0281	0.0282	0.0287
10	256QAM	25	0		18.59	18.79	18.61		0.0278	0.0291	0.0279
10	256QAM	25	12		18.66	18.68	18.61		0.0282	0.0284	0.0279
10	256QAM	25	25		18.75	18.75	18.84		0.0288	0.0288	0.0294

10	256QAM	50	0		18.62	18.72	18.73		0.0280	0.0286	0.0287
Channel				-	26815	26915	27015	ERP(W)			
Frequency (MHz)				-	826.5	836.5	846.5	-	L	M	H
5	QPSK	1	0		23.70	23.73	23.69		0.0902	0.0908	0.0899
5	QPSK	1	12		23.57	23.57	23.56		0.0875	0.0875	0.0873
5	QPSK	1	24		23.42	23.40	23.49		0.0845	0.0841	0.0859
5	QPSK	12	0		22.57	22.60	22.50		0.0695	0.0700	0.0684
5	QPSK	12	7		22.57	22.54	22.52		0.0695	0.0690	0.0687
5	QPSK	12	13		22.42	22.53	22.46		0.0671	0.0689	0.0678
5	QPSK	25	0		22.40	22.44	22.51		0.0668	0.0675	0.0685
5	16QAM	1	0		22.60	22.62	22.63		0.0700	0.0703	0.0705
5	16QAM	1	12		22.66	22.72	22.63		0.0710	0.0719	0.0705
5	16QAM	1	24		22.59	22.58	22.49		0.0698	0.0697	0.0682
5	16QAM	12	0		21.54	21.53	21.50		0.0548	0.0547	0.0543
5	16QAM	12	7		21.58	21.54	21.48		0.0553	0.0548	0.0541
5	16QAM	12	13		21.34	21.50	21.47		0.0524	0.0543	0.0540
5	16QAM	25	0	/	21.41	21.50	21.40	/	0.0532	0.0543	0.0531
5	64QAM	1	0		21.72	21.75	21.67		0.0571	0.0575	0.0565
5	64QAM	1	12		21.64	21.70	21.72		0.0561	0.0569	0.0571
5	64QAM	1	24		21.55	21.59	21.46		0.0550	0.0555	0.0538
5	64QAM	12	0		20.59	20.51	20.53		0.0441	0.0433	0.0435
5	64QAM	12	7		20.65	20.64	20.44		0.0447	0.0446	0.0426
5	64QAM	12	13		20.40	20.42	20.47		0.0422	0.0424	0.0429
5	64QAM	25	0		20.38	20.49	20.38		0.0420	0.0431	0.0420
5	256QAM	1	0		18.83	18.82	18.75		0.0294	0.0293	0.0288
5	256QAM	1	12		18.65	18.76	18.60		0.0282	0.0289	0.0279
5	256QAM	1	24		18.55	18.62	18.67		0.0275	0.0280	0.0283
5	256QAM	12	0		18.64	18.66	18.59		0.0281	0.0282	0.0278
5	256QAM	12	7		18.58	18.67	18.69		0.0277	0.0283	0.0284
5	256QAM	12	13		18.78	18.73	18.75		0.0290	0.0287	0.0288
5	256QAM	25	0		18.69	18.72	18.76		0.0284	0.0286	0.0289
Channel				-	26815	26915	27025	ERP(W)			
Frequency (MHz)				-	825.5	836.5	847.5	-	L	M	H
3	QPSK	1	0		23.60	23.59	23.63		0.0881	0.0879	0.0887
3	QPSK	1	8		23.51	23.59	23.52		0.0863	0.0879	0.0865
3	QPSK	1	14		23.31	23.46	23.45		0.0824	0.0853	0.0851
3	QPSK	8	0		22.59	22.54	22.51		0.0698	0.0690	0.0685
3	QPSK	8	4		22.45	22.52	22.55		0.0676	0.0687	0.0692
3	QPSK	8	7	/	22.49	22.54	22.46	/	0.0682	0.0690	0.0678
3	QPSK	15	0		22.30	22.44	22.58		0.0653	0.0675	0.0697
3	16QAM	1	0		22.61	22.58	22.68		0.0701	0.0697	0.0713
3	16QAM	1	8		22.71	22.70	22.72		0.0718	0.0716	0.0719
3	16QAM	1	14		22.59	22.59	22.59		0.0698	0.0698	0.0698
3	16QAM	8	0		21.46	21.53	21.54		0.0538	0.0547	0.0548
3	16QAM	8	4		21.59	21.64	21.52		0.0555	0.0561	0.0546

3	16QAM	8	7		21.40	21.51	21.49		0.0531	0.0545	0.0542
3	16QAM	15	0		21.39	21.50	21.43		0.0530	0.0543	0.0535
3	64QAM	1	0		21.66	21.64	21.64		0.0564	0.0561	0.0561
3	64QAM	1	8		21.60	21.64	21.73		0.0556	0.0561	0.0573
3	64QAM	1	14		21.45	21.63	21.48		0.0537	0.0560	0.0541
3	64QAM	8	0		20.52	20.63	20.56		0.0434	0.0445	0.0438
3	64QAM	8	4		20.54	20.64	20.43		0.0436	0.0446	0.0425
3	64QAM	8	7		20.34	20.52	20.42		0.0416	0.0434	0.0424
3	64QAM	15	0		20.42	20.48	20.40		0.0424	0.0430	0.0422
3	256QAM	1	0		18.82	18.88	18.79		0.0293	0.0297	0.0291
3	256QAM	1	8		18.68	18.79	18.60		0.0284	0.0291	0.0279
3	256QAM	1	14		18.58	18.76	18.61		0.0277	0.0289	0.0279
3	256QAM	8	0		18.64	18.72	18.62		0.0281	0.0286	0.0280
3	256QAM	8	4		18.59	18.66	18.65		0.0278	0.0282	0.0282
3	256QAM	8	7		18.68	18.74	18.74		0.0284	0.0288	0.0288
3	256QAM	15	0		18.63	18.74	18.79		0.0281	0.0288	0.0291
Channel				-	26797	26915	27033	ERP(W)			
Frequency (MHz)				-	824.7	836.5	848.3	-	L	M	H
1.4	QPSK	1	0		23.60	23.60	23.58		0.0881	0.0881	0.0877
1.4	QPSK	1	3		23.55	23.51	23.58		0.0871	0.0863	0.0877
1.4	QPSK	1	5		23.29	23.50	23.41		0.0820	0.0861	0.0843
1.4	QPSK	3	0		23.47	23.51	23.54		0.0855	0.0863	0.0869
1.4	QPSK	3	1		23.43	23.45	23.56		0.0847	0.0851	0.0873
1.4	QPSK	3	3		23.28	23.36	23.40		0.0818	0.0834	0.0841
1.4	QPSK	6	0		22.32	22.55	22.50		0.0656	0.0692	0.0684
1.4	16QAM	1	0		22.55	22.59	22.61		0.0692	0.0698	0.0701
1.4	16QAM	1	3		22.76	22.82	22.62		0.0726	0.0736	0.0703
1.4	16QAM	1	5		22.50	22.57	22.53		0.0684	0.0695	0.0689
1.4	16QAM	3	0		22.53	22.55	22.56		0.0689	0.0692	0.0693
1.4	16QAM	3	1		22.67	22.74	22.52		0.0711	0.0723	0.0687
1.4	16QAM	3	3		22.35	22.44	22.49		0.0661	0.0675	0.0682
1.4	16QAM	6	0	/	21.46	21.49	21.39	/	0.0538	0.0542	0.0530
1.4	64QAM	1	0		21.62	21.72	21.68		0.0558	0.0571	0.0566
1.4	64QAM	1	3		21.55	21.75	21.70		0.0550	0.0575	0.0569
1.4	64QAM	1	5		21.50	21.61	21.45		0.0543	0.0557	0.0537
1.4	64QAM	3	0		21.51	21.64	21.56		0.0545	0.0561	0.0551
1.4	64QAM	3	1		21.42	21.69	21.59		0.0533	0.0568	0.0555
1.4	64QAM	3	3		21.40	21.46	21.32		0.0531	0.0538	0.0521
1.4	64QAM	6	0		20.50	20.47	20.37		0.0432	0.0429	0.0419
1.4	256QAM	1	0		18.82	18.81	18.84		0.0293	0.0292	0.0294
1.4	256QAM	1	3		18.70	18.71	18.62		0.0285	0.0286	0.0280
1.4	256QAM	1	5		18.60	18.73	18.67		0.0279	0.0287	0.0283
1.4	256QAM	3	0		18.58	18.79	18.56		0.0277	0.0291	0.0276
1.4	256QAM	3	1		18.58	18.70	18.64		0.0277	0.0285	0.0281
1.4	256QAM	3	3		18.80	18.82	18.81		0.0292	0.0293	0.0292

1.4	256QAM	6	0		18.65	18.73	18.79		0.0282	0.0287	0.0291

LTE Band 71_ANT0:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)		
Channel				133222	133322	133372			
Frequency (MHz)				673	683	688	L	M	H
20	QPSK	1	0	22.69	22.74	22.72	0.0568	0.0574	0.0571
20	QPSK	1	49	22.59	22.72	22.71	0.0555	0.0571	0.0570
20	QPSK	1	99	22.52	22.66	22.51	0.0546	0.0564	0.0545
20	QPSK	50	0	21.70	21.74	21.72	0.0452	0.0456	0.0454
20	QPSK	50	24	21.61	21.66	21.62	0.0443	0.0448	0.0444
20	QPSK	50	50	21.68	21.70	21.67	0.0450	0.0452	0.0449
20	QPSK	100	0	21.50	21.59	21.57	0.0432	0.0441	0.0439
20	16QAM	1	0	21.86	21.95	21.83	0.0469	0.0479	0.0466
20	16QAM	1	49	21.84	21.91	21.86	0.0467	0.0474	0.0469
20	16QAM	1	99	21.75	21.83	21.68	0.0457	0.0466	0.0450
20	16QAM	50	0	20.56	20.68	20.58	0.0348	0.0357	0.0349
20	16QAM	50	24	20.66	20.67	20.57	0.0356	0.0356	0.0348
20	16QAM	50	50	20.63	20.69	20.63	0.0353	0.0358	0.0353
20	16QAM	100	0	20.57	20.68	20.66	0.0348	0.0357	0.0356
20	64QAM	1	0	20.92	21.02	21.00	0.0378	0.0386	0.0385
20	64QAM	1	49	20.60	20.75	20.73	0.0351	0.0363	0.0361
20	64QAM	1	99	20.59	20.73	20.59	0.0350	0.0361	0.0350
20	64QAM	50	0	19.57	19.71	19.64	0.0277	0.0286	0.0281
20	64QAM	50	24	19.69	19.72	19.62	0.0284	0.0286	0.0280
20	64QAM	50	50	19.52	19.62	19.58	0.0274	0.0280	0.0277
20	64QAM	100	0	19.67	19.71	19.69	0.0283	0.0286	0.0284
20	256QAM	1	0	17.52	17.62	17.51	0.0173	0.0177	0.0172
20	256QAM	1	49	17.68	17.75	17.65	0.0179	0.0182	0.0178
20	256QAM	1	99	17.53	17.68	17.53	0.0173	0.0179	0.0173
20	256QAM	50	0	17.56	17.66	17.62	0.0174	0.0178	0.0177
20	256QAM	50	24	17.46	17.48	17.46	0.0170	0.0171	0.0170
20	256QAM	50	50	17.51	17.53	17.40	0.0172	0.0173	0.0168
20	256QAM	100	0	17.65	17.67	17.54	0.0178	0.0179	0.0173
Channel				133197	133297	133397	ERP(W)		
Frequency (MHz)				670.5	680.5	690.5	L	M	H
15	QPSK	1	0	22.55	22.64	22.57	0.0550	0.0561	0.0552
15	QPSK	1	37	22.52	22.60	22.56	0.0546	0.0556	0.0551
15	QPSK	1	74	22.48	22.51	22.38	0.0541	0.0545	0.0528
15	QPSK	36	0	21.69	21.60	21.66	0.0451	0.0442	0.0448
15	QPSK	36	20	21.57	21.63	21.59	0.0439	0.0445	0.0441
15	QPSK	36	39	21.60	21.64	21.64	0.0442	0.0446	0.0446
15	QPSK	75	0	21.40	21.52	21.46	0.0422	0.0434	0.0428

15	16QAM	1	0	21.82	21.86	21.69	0.0465	0.0469	0.0451
15	16QAM	1	37	21.73	21.85	21.72	0.0455	0.0468	0.0454
15	16QAM	1	74	21.73	21.82	21.54	0.0455	0.0465	0.0436
15	16QAM	36	0	20.49	20.56	20.46	0.0342	0.0348	0.0340
15	16QAM	36	20	20.58	20.60	20.42	0.0349	0.0351	0.0337
15	16QAM	36	39	20.54	20.68	20.59	0.0346	0.0357	0.0350
15	16QAM	75	0	20.43	20.60	20.63	0.0337	0.0351	0.0353
15	64QAM	1	0	20.87	20.88	20.95	0.0373	0.0374	0.0380
15	64QAM	1	37	20.50	20.73	20.72	0.0343	0.0361	0.0361
15	64QAM	1	74	20.48	20.59	20.48	0.0341	0.0350	0.0341
15	64QAM	36	0	19.43	19.67	19.56	0.0268	0.0283	0.0276
15	64QAM	36	20	19.55	19.59	19.57	0.0275	0.0278	0.0277
15	64QAM	36	39	19.44	19.56	19.49	0.0269	0.0276	0.0272
15	64QAM	75	0	19.57	19.64	19.55	0.0277	0.0281	0.0275
15	256QAM	1	0	17.41	17.59	17.47	0.0168	0.0175	0.0171
15	256QAM	1	37	17.62	17.71	17.52	0.0177	0.0180	0.0173
15	256QAM	1	74	17.50	17.56	17.48	0.0172	0.0174	0.0171
15	256QAM	36	0	17.44	17.51	17.58	0.0169	0.0172	0.0175
15	256QAM	36	20	17.39	17.43	17.44	0.0167	0.0169	0.0169
15	256QAM	36	39	17.37	17.50	17.37	0.0167	0.0172	0.0167
15	256QAM	75	0	17.56	17.52	17.40	0.0174	0.0173	0.0168
Channel				133172	133272	133422	ERP(W)		
Frequency (MHz)				668	678	693	L	M	H
10	QPSK	1	0	22.62	22.64	22.69	0.0558	0.0561	0.0568
10	QPSK	1	25	22.57	22.71	22.65	0.0552	0.0570	0.0562
10	QPSK	1	49	22.41	22.56	22.47	0.0532	0.0551	0.0540
10	QPSK	25	0	21.69	21.70	21.58	0.0451	0.0452	0.0440
10	QPSK	25	12	21.58	21.54	21.55	0.0440	0.0436	0.0437
10	QPSK	25	25	21.55	21.59	21.62	0.0437	0.0441	0.0444
10	QPSK	50	0	21.47	21.55	21.44	0.0429	0.0437	0.0426
10	16QAM	1	0	21.73	21.89	21.76	0.0455	0.0472	0.0458
10	16QAM	1	25	21.81	21.78	21.80	0.0463	0.0460	0.0462
10	16QAM	1	49	21.64	21.73	21.58	0.0446	0.0455	0.0440
10	16QAM	25	0	20.55	20.64	20.54	0.0347	0.0354	0.0346
10	16QAM	25	12	20.59	20.58	20.55	0.0350	0.0349	0.0347
10	16QAM	25	25	20.56	20.65	20.61	0.0348	0.0355	0.0352
10	16QAM	50	0	20.53	20.62	20.60	0.0345	0.0352	0.0351
10	64QAM	1	0	20.90	20.97	20.89	0.0376	0.0382	0.0375
10	64QAM	1	25	20.47	20.70	20.61	0.0340	0.0359	0.0352
10	64QAM	1	49	20.56	20.64	20.56	0.0348	0.0354	0.0348
10	64QAM	25	0	19.50	19.57	19.58	0.0272	0.0277	0.0277
10	64QAM	25	12	19.54	19.68	19.48	0.0275	0.0284	0.0271
10	64QAM	25	25	19.41	19.49	19.48	0.0267	0.0272	0.0271
10	64QAM	50	0	19.60	19.69	19.64	0.0279	0.0284	0.0281
10	256QAM	1	0	17.47	17.50	17.39	0.0171	0.0172	0.0167

10	256QAM	1	25	17.62	17.60	17.56	0.0177	0.0176	0.0174
10	256QAM	1	49	17.49	17.57	17.49	0.0171	0.0175	0.0171
10	256QAM	25	0	17.41	17.57	17.58	0.0168	0.0175	0.0175
10	256QAM	25	12	17.37	17.39	17.45	0.0167	0.0167	0.0170
10	256QAM	25	25	17.47	17.48	17.37	0.0171	0.0171	0.0167
10	256QAM	50	0	17.52	17.54	17.52	0.0173	0.0173	0.0173
Channel				133147	133247	133447	ERP(W)		
Frequency (MHz)				665.5	675.5	695.5	L	M	H
5	QPSK	1	0	22.65	22.65	22.61	0.0562	0.0562	0.0557
5	QPSK	1	12	22.55	22.58	22.69	0.0550	0.0553	0.0568
5	QPSK	1	24	22.50	22.58	22.45	0.0543	0.0553	0.0537
5	QPSK	12	0	21.68	21.68	21.70	0.0450	0.0450	0.0452
5	QPSK	12	7	21.57	21.56	21.57	0.0439	0.0438	0.0439
5	QPSK	12	13	21.57	21.69	21.52	0.0439	0.0451	0.0434
5	QPSK	25	0	21.38	21.58	21.44	0.0420	0.0440	0.0426
5	16QAM	1	0	21.78	21.94	21.82	0.0460	0.0478	0.0465
5	16QAM	1	12	21.83	21.78	21.75	0.0466	0.0460	0.0457
5	16QAM	1	24	21.74	21.70	21.56	0.0456	0.0452	0.0438
5	16QAM	12	0	20.41	20.60	20.52	0.0336	0.0351	0.0344
5	16QAM	12	7	20.59	20.64	20.48	0.0350	0.0354	0.0341
5	16QAM	12	13	20.55	20.65	20.53	0.0347	0.0355	0.0345
5	16QAM	25	0	20.47	20.66	20.55	0.0340	0.0356	0.0347
5	64QAM	1	0	20.80	20.99	20.96	0.0367	0.0384	0.0381
5	64QAM	1	12	20.47	20.67	20.65	0.0340	0.0356	0.0355
5	64QAM	1	24	20.52	20.64	20.50	0.0344	0.0354	0.0343
5	64QAM	12	0	19.43	19.60	19.58	0.0268	0.0279	0.0277
5	64QAM	12	7	19.56	19.69	19.60	0.0276	0.0284	0.0279
5	64QAM	12	13	19.42	19.61	19.55	0.0267	0.0279	0.0275
5	64QAM	25	0	19.56	19.69	19.67	0.0276	0.0284	0.0283
5	256QAM	1	0	17.39	17.50	17.42	0.0167	0.0172	0.0169
5	256QAM	1	12	17.63	17.68	17.56	0.0177	0.0179	0.0174
5	256QAM	1	24	17.47	17.59	17.41	0.0171	0.0175	0.0168
5	256QAM	12	0	17.49	17.61	17.52	0.0171	0.0176	0.0173
5	256QAM	12	7	17.33	17.38	17.45	0.0165	0.0167	0.0170
5	256QAM	12	13	17.46	17.45	17.32	0.0170	0.0170	0.0165
5	256QAM	25	0	17.51	17.57	17.47	0.0172	0.0175	0.0171

LTE Band 12B_ANT0:

Combination 5MHz+10MHz (25RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 23038_23110	QPSK	Max	0	Max	0	20.62	0.0817
	QPSK	1	0	1	Max	12.54	0.0127
	QPSK	1	Max	1	0	22.35	0.1216
M	QPSK	Max	0	Max	0	20.66	0.0824

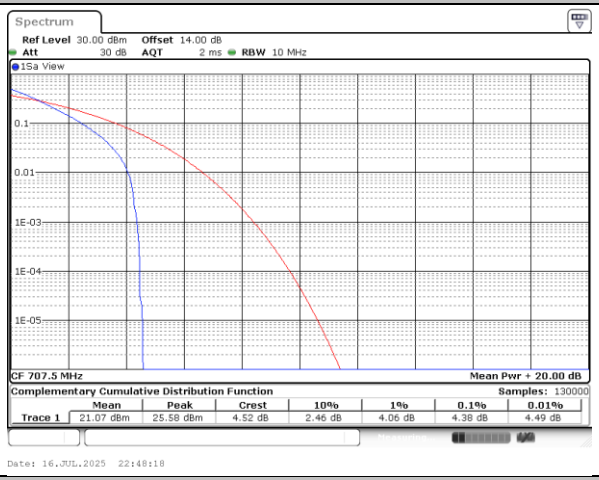
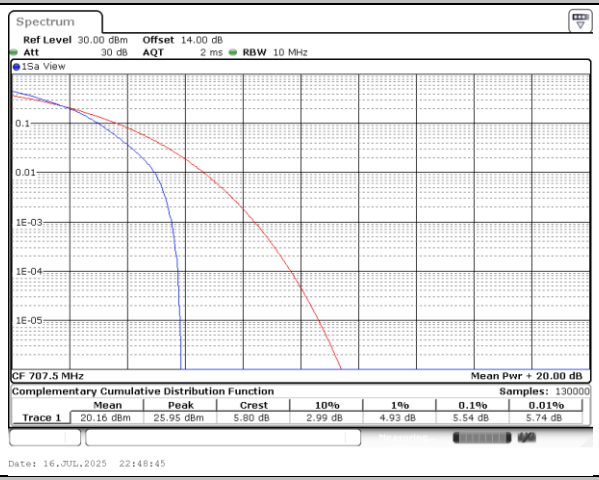
23048_23120	QPSK	1	0	1	Max	12.66	0.0131
	QPSK	1	Max	1	0	22.45	0.1245
H 23058_23130	QPSK	Max	0	Max	0	20.59	0.0811
	QPSK	1	0	1	Max	12.59	0.0129
	QPSK	1	Max	1	0	22.42	0.1236
L 23038_23110	16QAM	Max	0	Max	0	19.51	0.0632
	16QAM	1	0	1	Max	12.96	0.0140
	16QAM	1	Max	1	0	21.62	0.1028
M 23048_23120	16QAM	Max	0	Max	0	19.56	0.0640
	16QAM	1	0	1	Max	13.02	0.0142
	16QAM	1	Max	1	0	21.66	0.1038
H 23058_23130	16QAM	Max	0	Max	0	19.52	0.0634
	16QAM	1	0	1	Max	12.93	0.0139
	16QAM	1	Max	1	0	21.63	0.1030
L 23038_23110	64QAM	Max	0	Max	0	19.78	0.0673
	64QAM	1	0	1	Max	12.87	0.0137
	64QAM	1	Max	1	0	19.98	0.0705
M 23048_23120	64QAM	Max	0	Max	0	19.81	0.0678
	64QAM	1	0	1	Max	12.91	0.0138
	64QAM	1	Max	1	0	20.12	0.0728
H 23058_23130	64QAM	Max	0	Max	0	19.78	0.0673
	64QAM	1	0	1	Max	12.87	0.0137
	64QAM	1	Max	1	0	19.99	0.0706
L 23038_23110	256QAM	Max	0	Max	0	17.76	0.0423
	256QAM	1	0	1	Max	12.79	0.0135
	256QAM	1	Max	1	0	17.99	0.0446
M 23048_23120	256QAM	Max	0	Max	0	17.86	0.0433
	256QAM	1	0	1	Max	12.94	0.0139
	256QAM	1	Max	1	0	18.10	0.0457
H 23058_23130	256QAM	Max	0	Max	0	17.77	0.0424
	256QAM	1	0	1	Max	12.78	0.0134
	256QAM	1	Max	1	0	18.06	0.0453
Combination 5MHz+5MHz (25RB+25RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 23035_23083	QPSK	Max	0	Max	0	20.72	0.0836
	QPSK	1	0	1	Max	12.64	0.0130
	QPSK	1	Max	1	0	22.38	0.1225
M 23071_23119	QPSK	Max	0	Max	0	20.72	0.0836
	QPSK	1	0	1	Max	12.67	0.0131
	QPSK	1	Max	1	0	22.43	0.1239
H 23107_23155	QPSK	Max	0	Max	0	20.62	0.0817
	QPSK	1	0	1	Max	12.56	0.0128
	QPSK	1	Max	1	0	22.27	0.1194
L	16QAM	Max	0	Max	0	19.70	0.0661

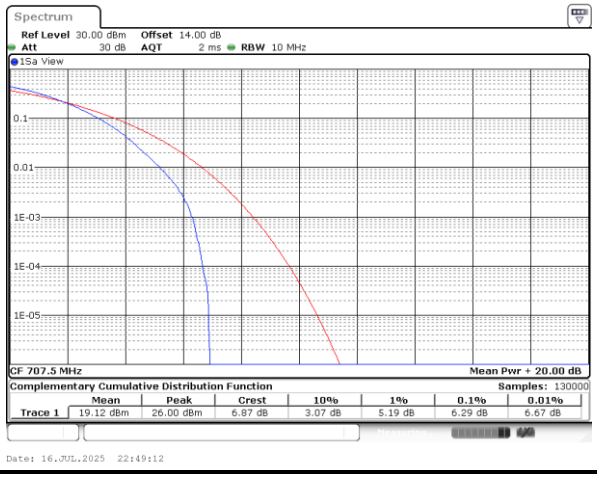
23035_23083	16QAM	1	0	1	Max	13.04	0.0143
	16QAM	1	Max	1	0	21.96	0.1112
M 23071_23119	16QAM	Max	0	Max	0	19.73	0.0665
	16QAM	1	0	1	Max	13.03	0.0142
	16QAM	1	Max	1	0	22.01	0.1125
H 23107_23155	16QAM	Max	0	Max	0	19.64	0.0652
	16QAM	1	0	1	Max	13.03	0.0142
	16QAM	1	Max	1	0	21.84	0.1081
L 23035_23083	64QAM	Max	0	Max	0	19.77	0.0671
	64QAM	1	0	1	Max	13.03	0.0142
	64QAM	1	Max	1	0	19.79	0.0675
M 23071_23119	64QAM	Max	0	Max	0	19.84	0.0682
	64QAM	1	0	1	Max	13.04	0.0143
	64QAM	1	Max	1	0	19.81	0.0678
H 23107_23155	64QAM	Max	0	Max	0	19.75	0.0668
	64QAM	1	0	1	Max	12.98	0.0141
	64QAM	1	Max	1	0	19.73	0.0665
L 23035_23083	256QAM	Max	0	Max	0	17.67	0.0414
	256QAM	1	0	1	Max	12.75	0.0133
	256QAM	1	Max	1	0	17.95	0.0442
M 23071_23119	256QAM	Max	0	Max	0	17.70	0.0417
	256QAM	1	0	1	Max	12.71	0.0132
	256QAM	1	Max	1	0	17.97	0.0444
H 23107_23155	256QAM	Max	0	Max	0	17.56	0.0404
	256QAM	1	0	1	Max	12.65	0.0130
	256QAM	1	Max	1	0	17.94	0.0441

LTE Band 12

Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.38	5.54	6.29	PASS

LTE Band 12 / 10MHz / QPSK	LTE Band 12 / 10MHz / 16QAM
Middle Channel / Full RB	Middle Channel / Full RB
	

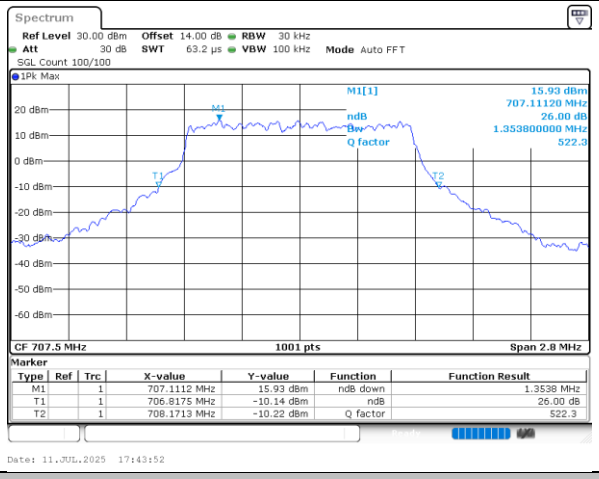
LTE Band 12 / 10MHz / 64QAM
Middle Channel / Full RB


26dB Bandwidth

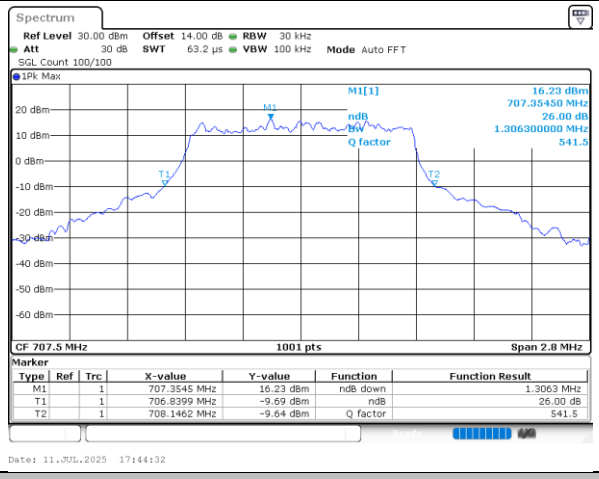
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.35	1.31	3.07	3.08	5.11	5.08	9.83	10.11	-	-	-	-

LTE Band 12

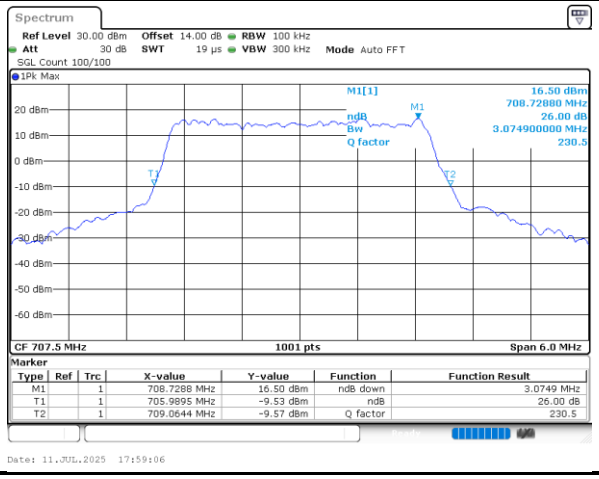
Middle Channel / 1.4MHz / QPSK



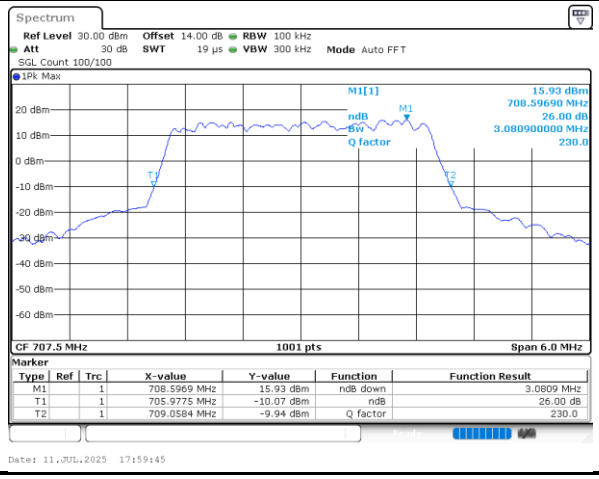
Middle Channel / 1.4MHz / 16QAM

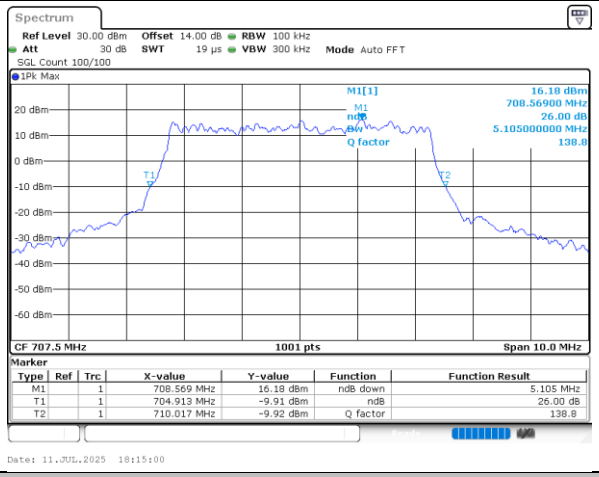
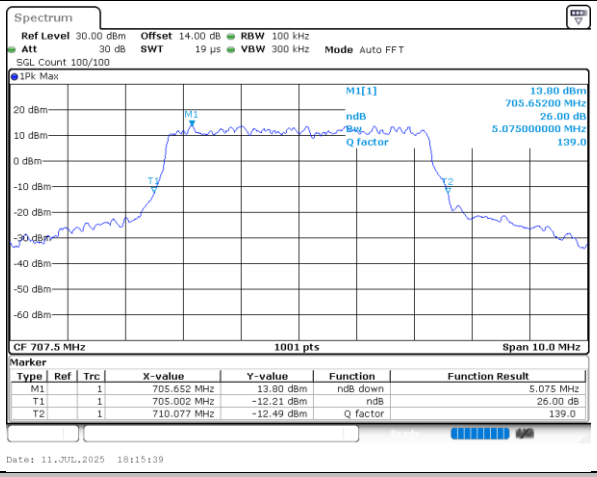
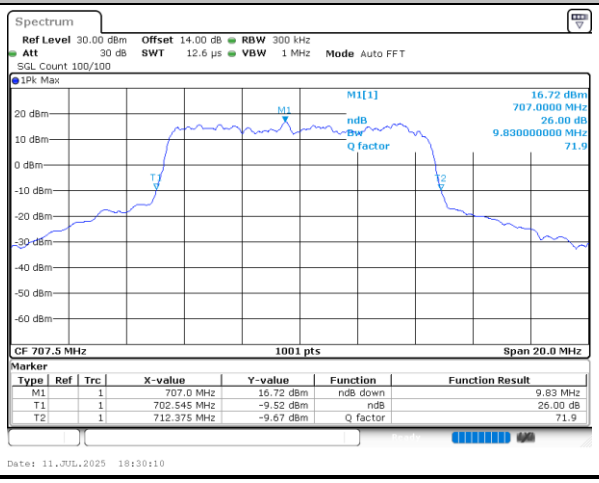
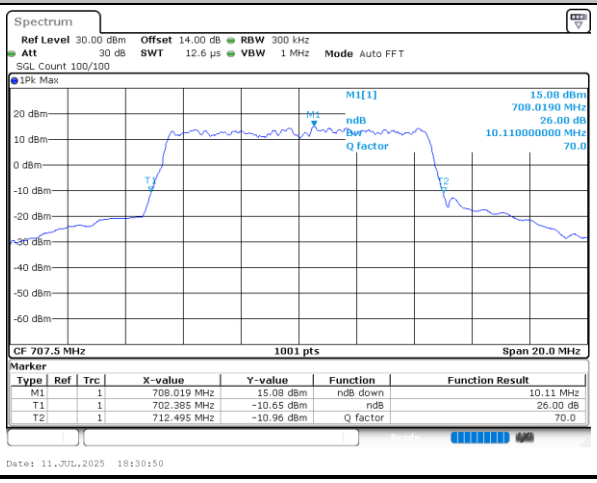


Middle Channel / 3MHz / QPSK



Middle Channel / 3MHz / 16QAM



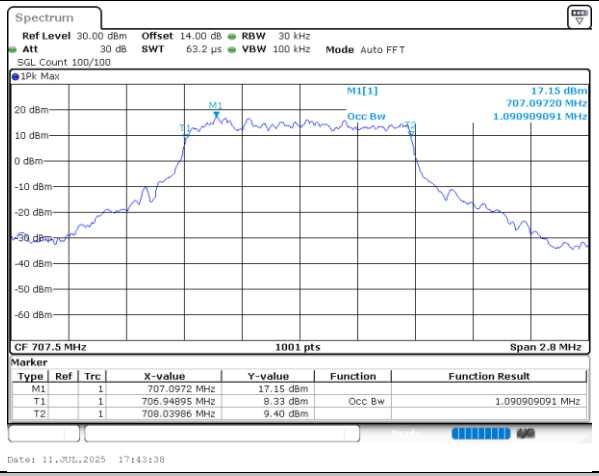
LTE Band 12	
Middle Channel / 5MHz / QPSK	**Middle Channel / 5MHz / 16QAM**
	
LTE Band 12	
Middle Channel / 10MHz / QPSK	**Middle Channel / 10MHz / 16QAM**
	

Occupied Bandwidth

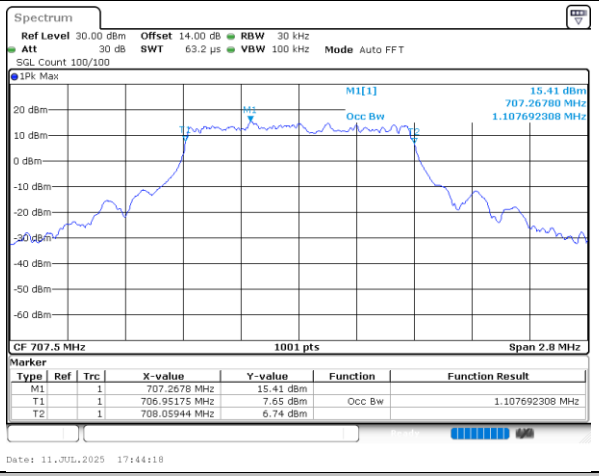
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.11	2.73	2.73	4.51	4.50	9.13	9.05	-	-	-	-

LTE Band 12

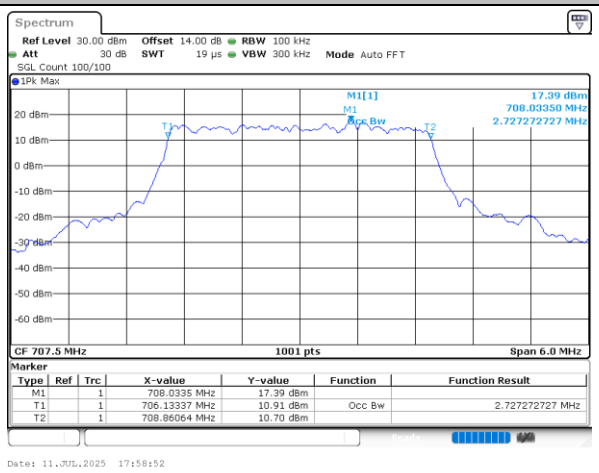
Middle Channel / 1.4MHz / QPSK



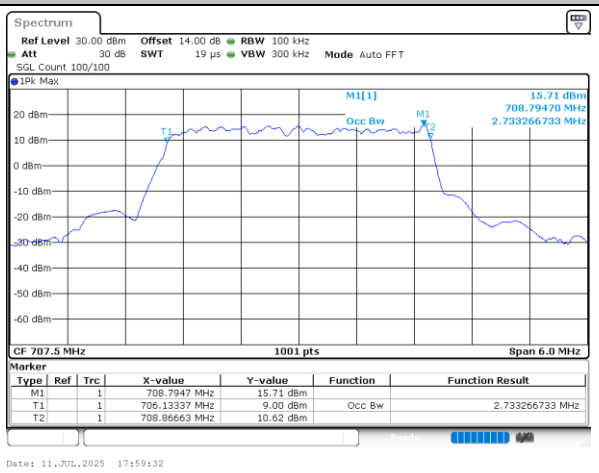
Middle Channel / 1.4MHz / 16QAM

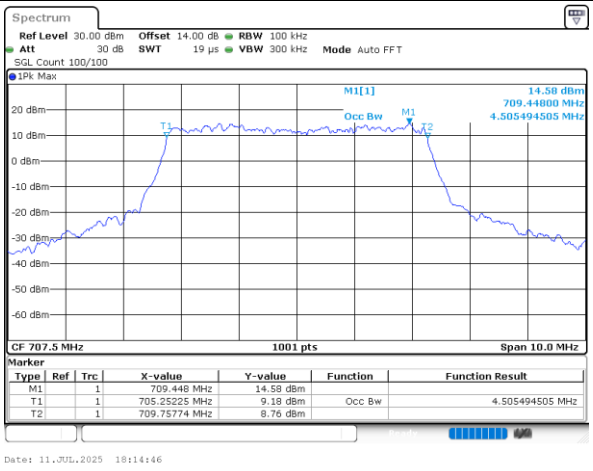
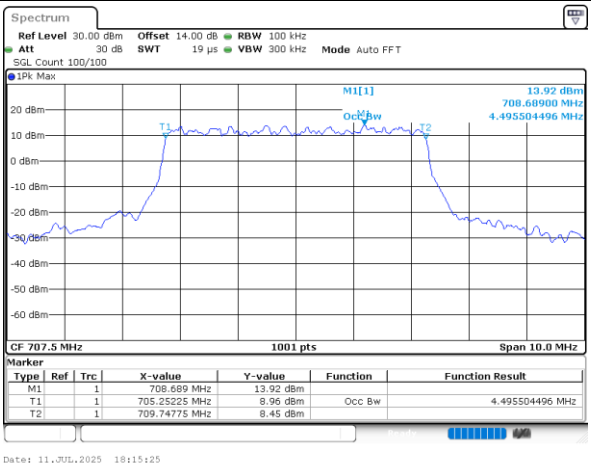
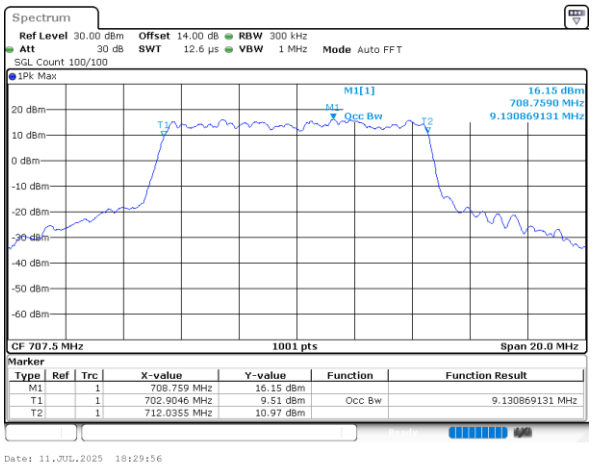
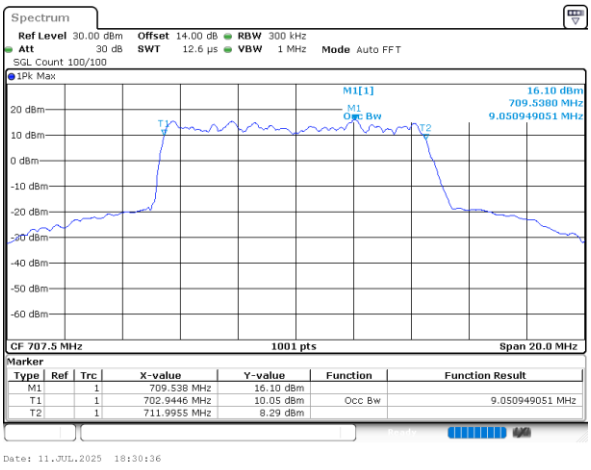


Middle Channel / 3MHz / QPSK



Middle Channel / 3MHz / 16QAM

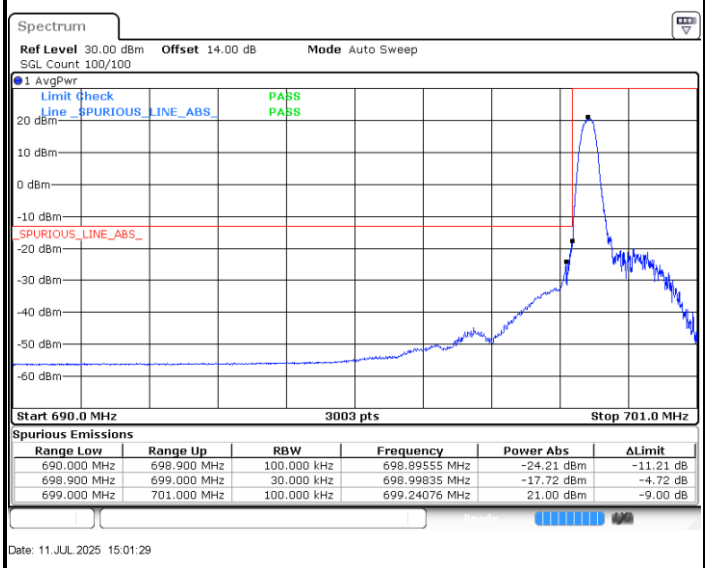


LTE Band 12	
Middle Channel / 5MHz / QPSK	**Middle Channel / 5MHz / 16QAM**
	
Middle Channel / 10MHz / QPSK	**Middle Channel / 10MHz / 16QAM**
	

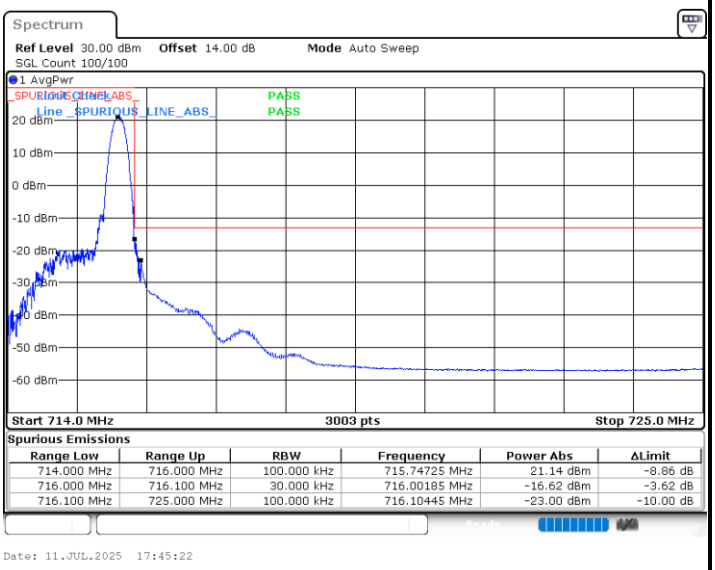
Conducted Band Edge

LTE Band 12 / 1.4MHz / QPSK

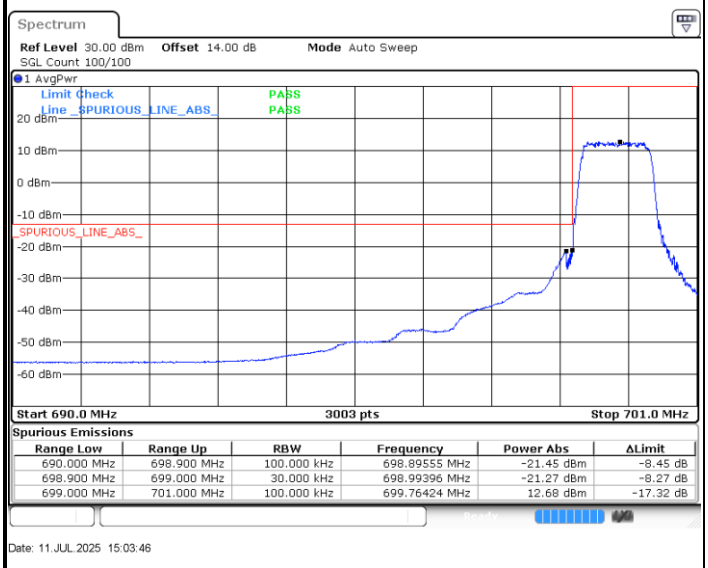
Lowest Band Edge / 1RB



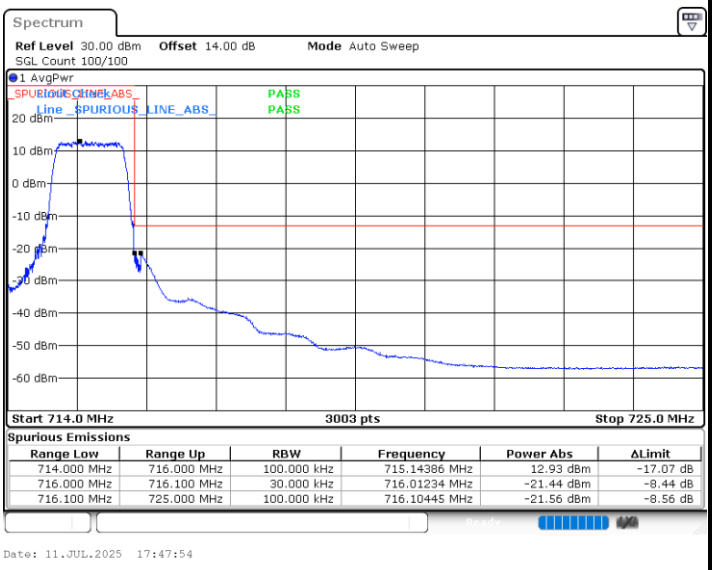
Highest Band Edge / 1RB



Lowest Band Edge / Full RB

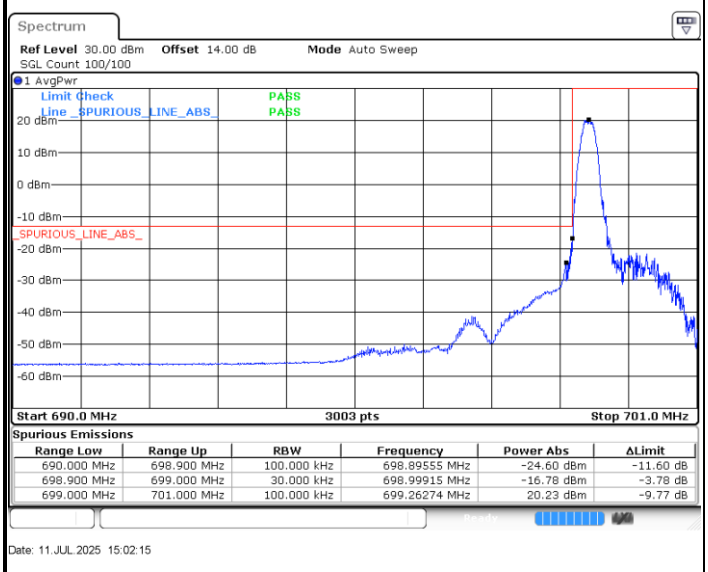


Highest Band Edge / Full RB

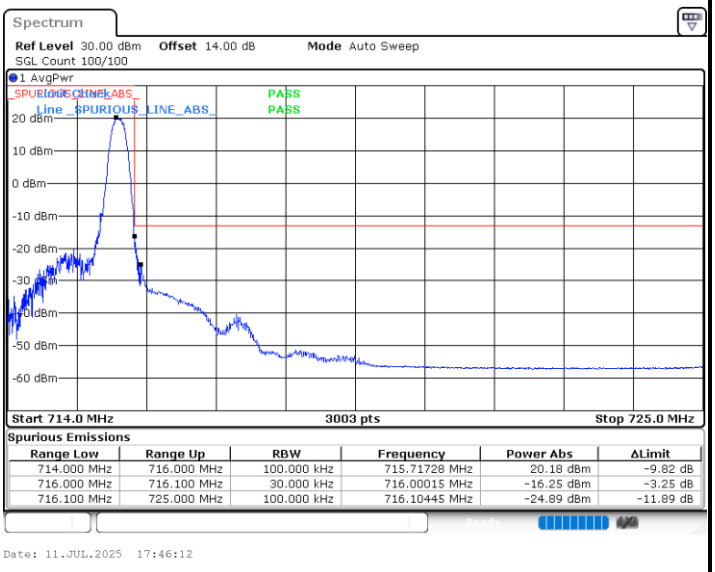


LTE Band 12 / 1.4MHz / 16QAM

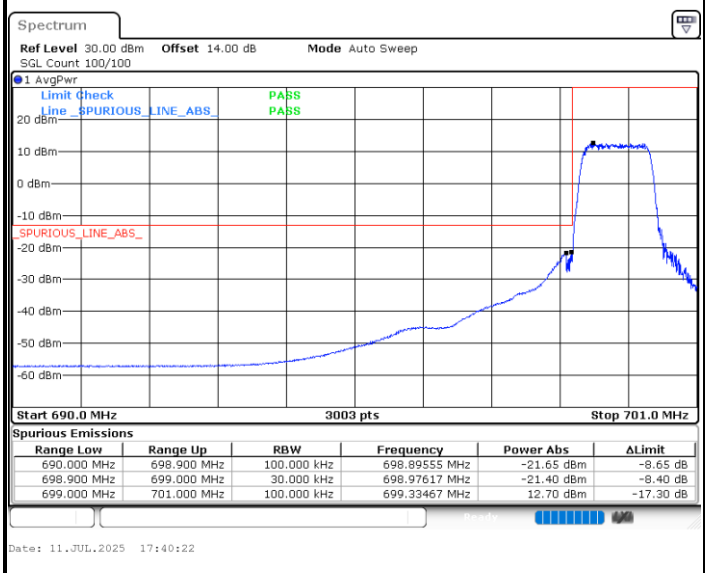
Lowest Band Edge / 1 RB



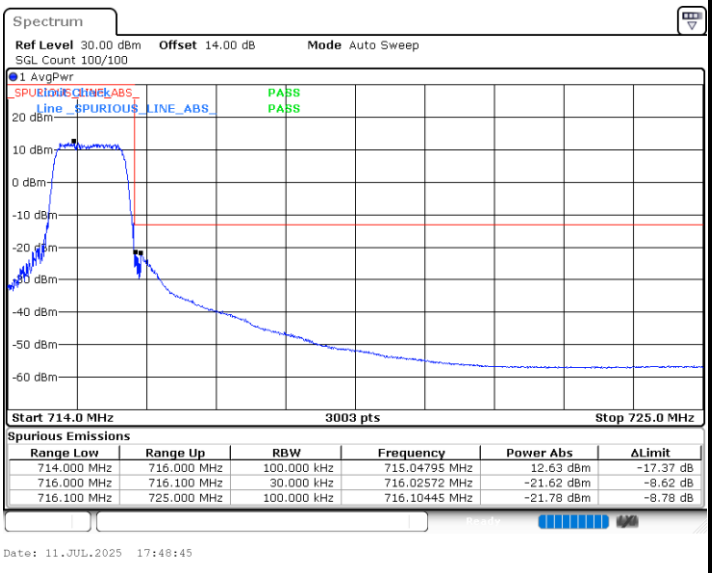
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

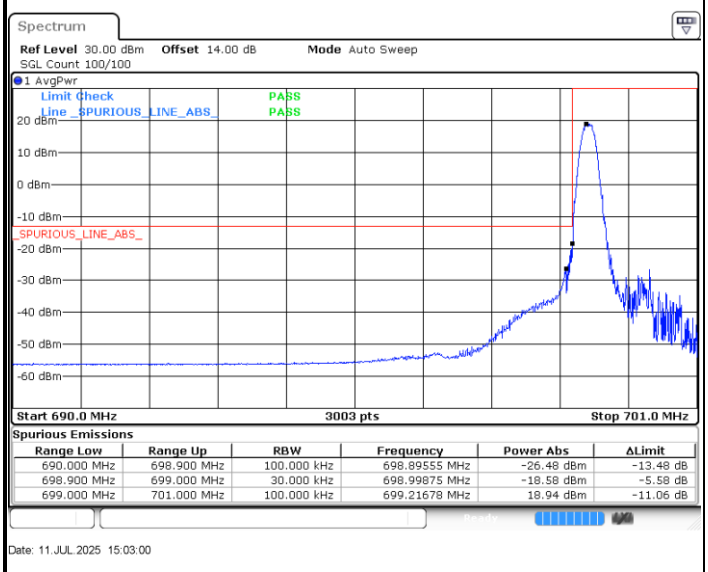


Highest Band Edge / Full RB



LTE Band 12 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB

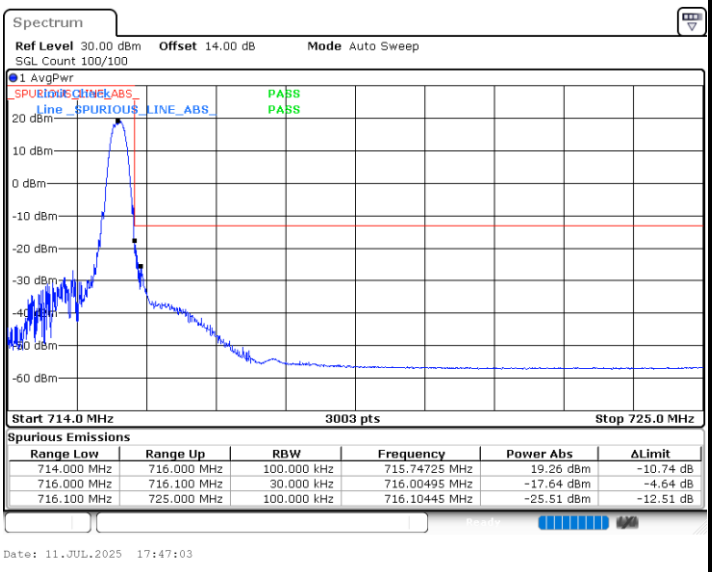


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-26.48 dBm	-13.48 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99875 MHz	-18.58 dBm	-5.58 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.21678 MHz	18.94 dBm	-11.06 dB

Date: 11.JUL.2025 15:03:00

Highest Band Edge / 1 RB

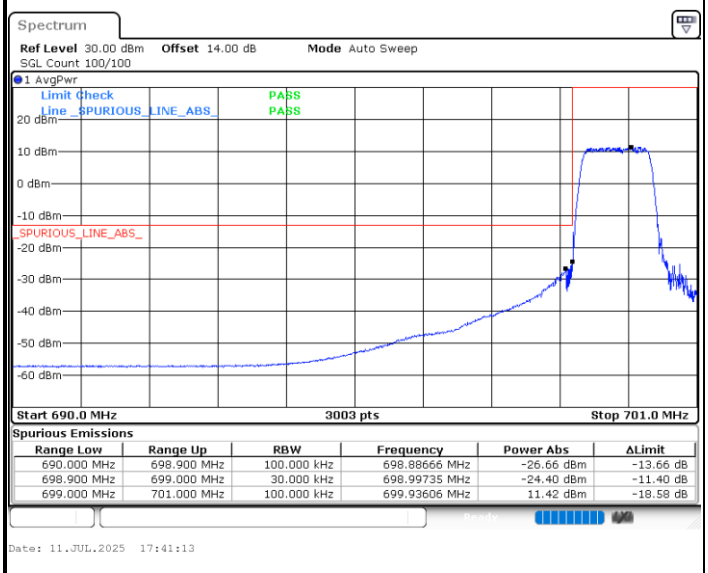


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.74725 MHz	19.26 dBm	-10.74 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00495 MHz	-17.64 dBm	-4.64 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-25.51 dBm	-12.51 dB

Date: 11.JUL.2025 17:47:03

Lowest Band Edge / Full RB

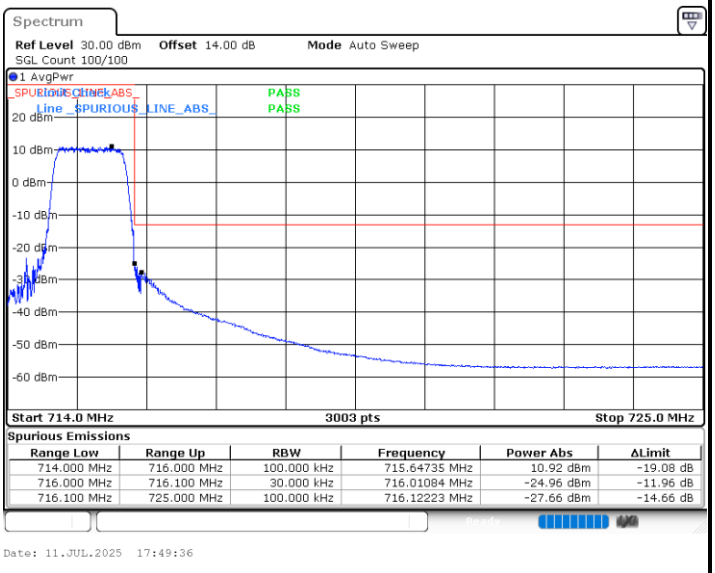


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-26.66 dBm	-13.66 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99735 MHz	-24.40 dBm	-11.40 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.93606 MHz	11.42 dBm	-18.58 dB

Date: 11.JUL.2025 17:41:13

Highest Band Edge / Full RB



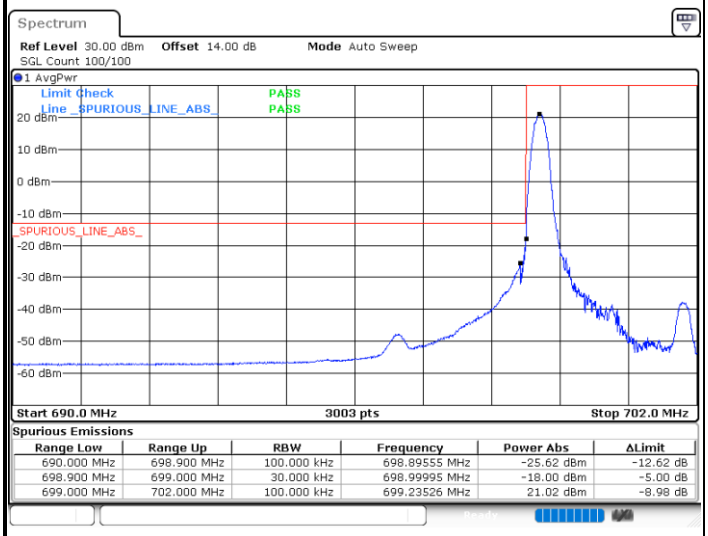
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.64735 MHz	10.92 dBm	-19.08 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01084 MHz	-24.96 dBm	-11.96 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.12223 MHz	-27.66 dBm	-14.66 dB

Date: 11.JUL.2025 17:49:36

LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB

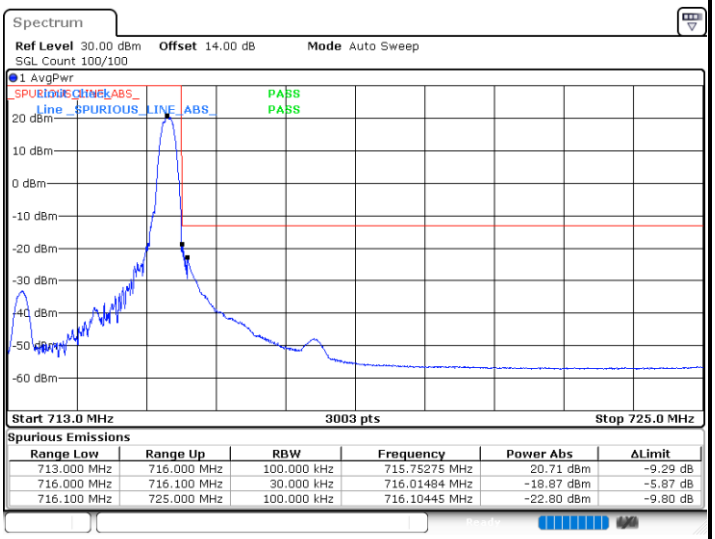


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-25.62 dBm	-12.62 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99995 MHz	-18.00 dBm	-5.00 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.23526 MHz	21.02 dBm	-8.98 dB

Date: 11.JUL.2025 17:52:10

Highest Band Edge / 1RB

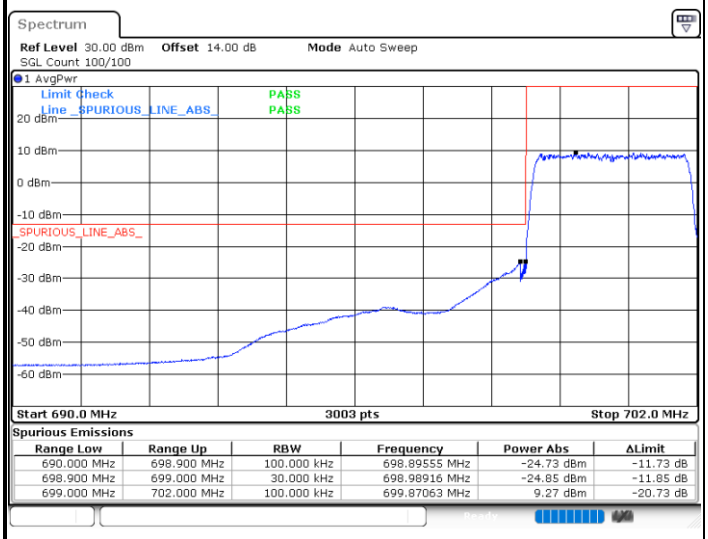


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.75275 MHz	20.71 dBm	-9.29 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01484 MHz	-18.87 dBm	-5.87 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-22.80 dBm	-9.80 dB

Date: 11.JUL.2025 18:00:35

Lowest Band Edge / Full RB

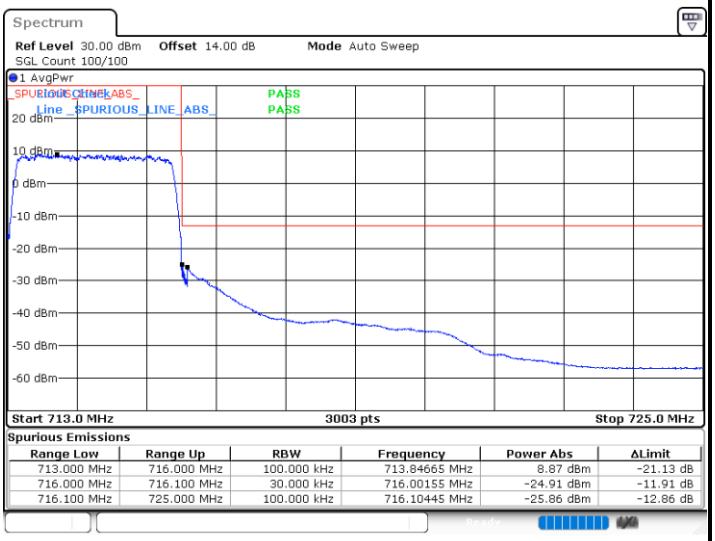


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-24.73 dBm	-11.73 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98916 MHz	-24.85 dBm	-11.85 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.87063 MHz	9.27 dBm	-20.73 dB

Date: 11.JUL.2025 17:54:42

Highest Band Edge / Full RB



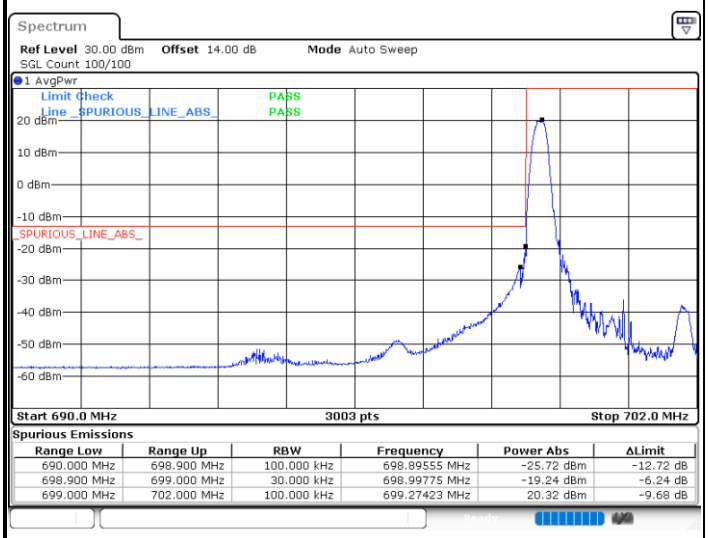
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	713.84665 MHz	8.87 dBm	-21.13 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00155 MHz	-24.91 dBm	-11.91 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-25.86 dBm	-12.86 dB

Date: 11.JUL.2025 18:03:08

LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

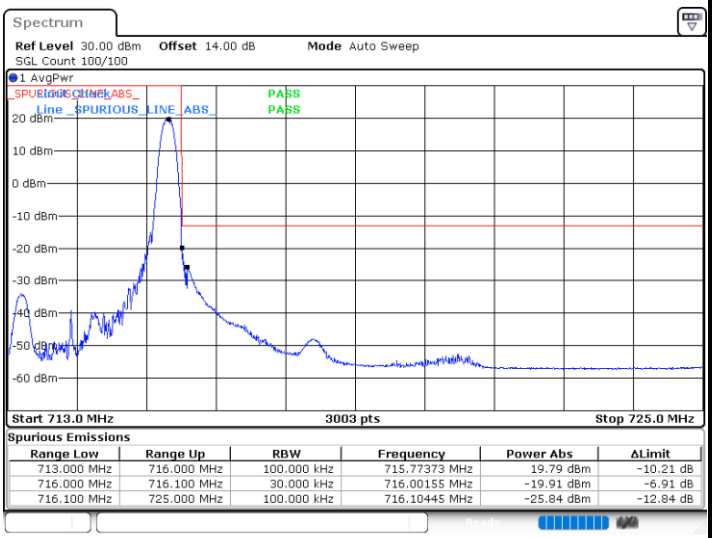


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-25.72 dBm	-12.72 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99775 MHz	-19.24 dBm	-6.24 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.27423 MHz	20.32 dBm	-9.68 dB

Date: 11.JUL.2025 17:53:00

Highest Band Edge / 1 RB

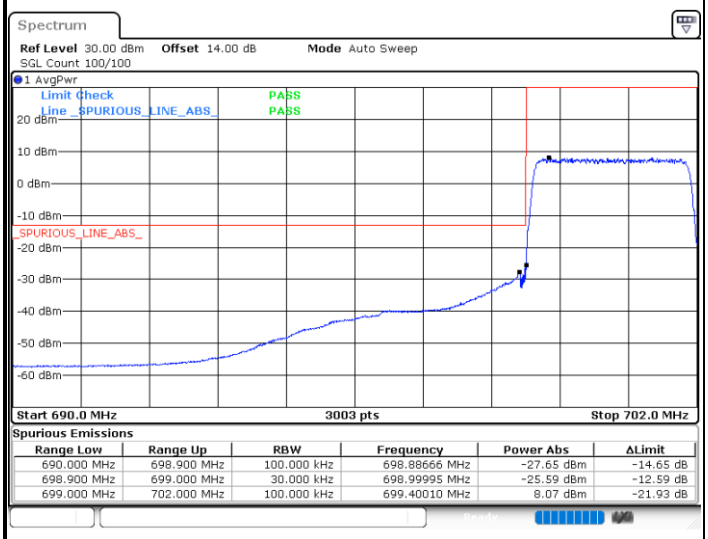


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.77373 MHz	19.79 dBm	-10.21 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00155 MHz	-19.91 dBm	-6.91 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-25.84 dBm	-12.84 dB

Date: 11.JUL.2025 18:01:26

Lowest Band Edge / Full RB

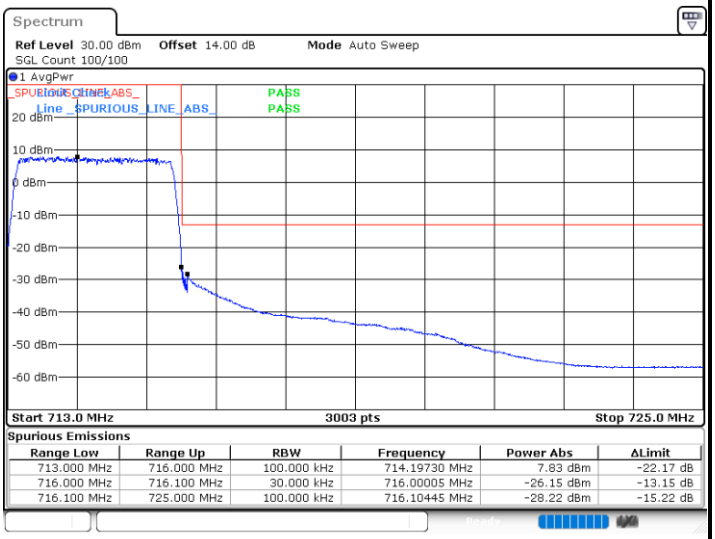


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-27.65 dBm	-14.65 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99995 MHz	-25.59 dBm	-12.59 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.40010 MHz	8.07 dBm	-21.93 dB

Date: 11.JUL.2025 17:55:33

Highest Band Edge / Full RB



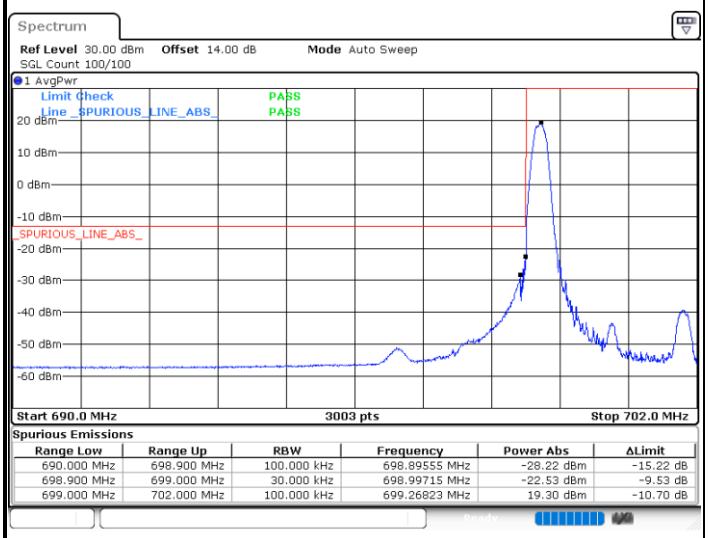
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	714.19730 MHz	7.83 dBm	-22.17 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00005 MHz	-26.15 dBm	-13.15 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-28.22 dBm	-15.22 dB

Date: 11.JUL.2025 18:03:58

LTE Band 12 / 3MHz / 64QAM

Lowest Band Edge / 1 RB

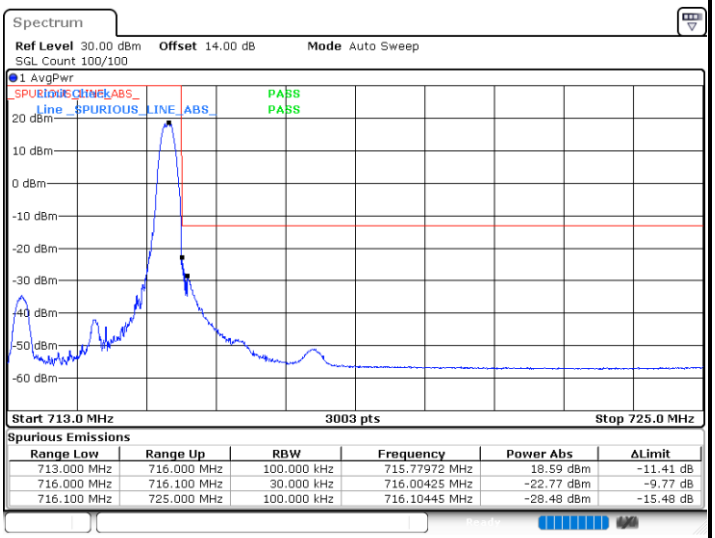


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-28.22 dBm	-15.22 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99715 MHz	-22.53 dBm	-9.53 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.26823 MHz	19.30 dBm	-10.70 dB

Date: 11.JUL.2025 17:53:51

Highest Band Edge / 1 RB

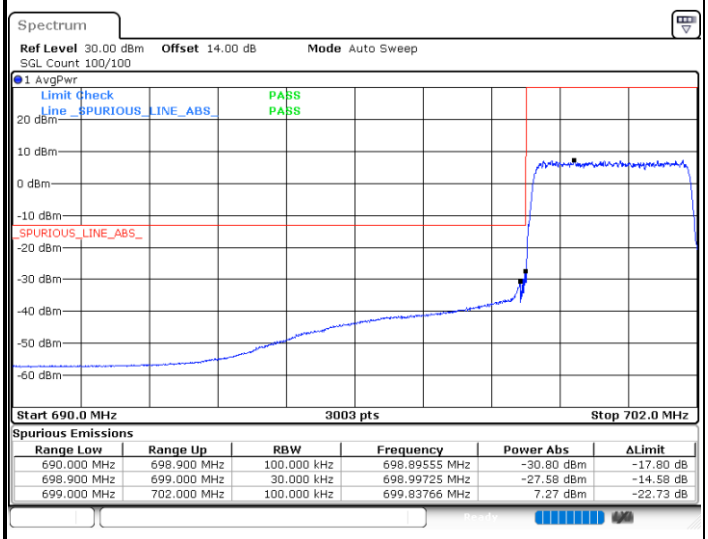


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.77972 MHz	18.59 dBm	-11.41 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00425 MHz	-22.77 dBm	-9.77 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-28.48 dBm	-15.48 dB

Date: 11.JUL.2025 18:02:17

Lowest Band Edge / Full RB

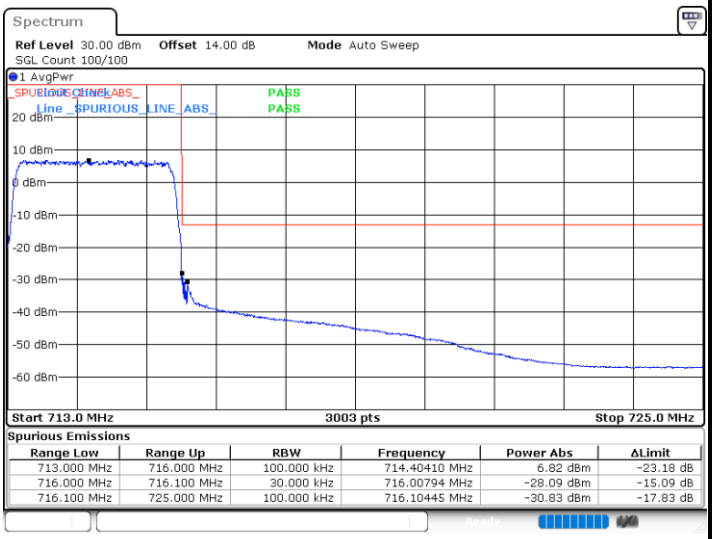


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-30.80 dBm	-17.80 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99725 MHz	-27.58 dBm	-14.58 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.83766 MHz	7.27 dBm	-22.73 dB

Date: 11.JUL.2025 17:56:23

Highest Band Edge / Full RB



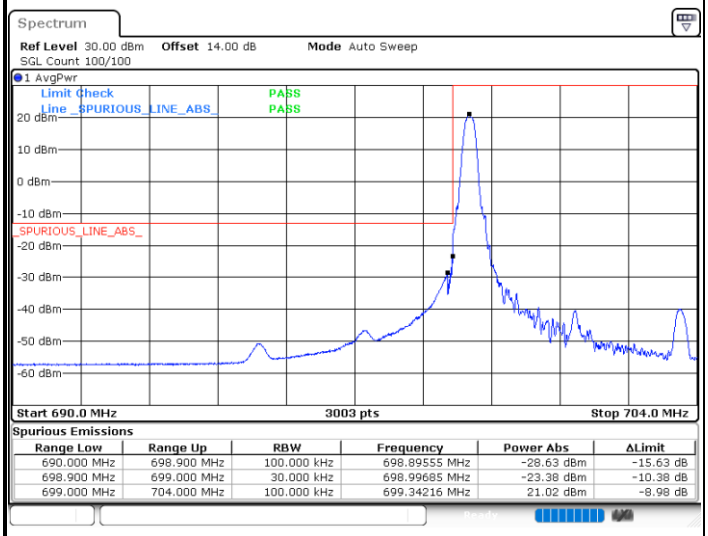
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	714.40410 MHz	6.82 dBm	-23.18 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00794 MHz	-28.09 dBm	-15.09 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-30.83 dBm	-17.83 dB

Date: 11.JUL.2025 18:04:49

LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1RB

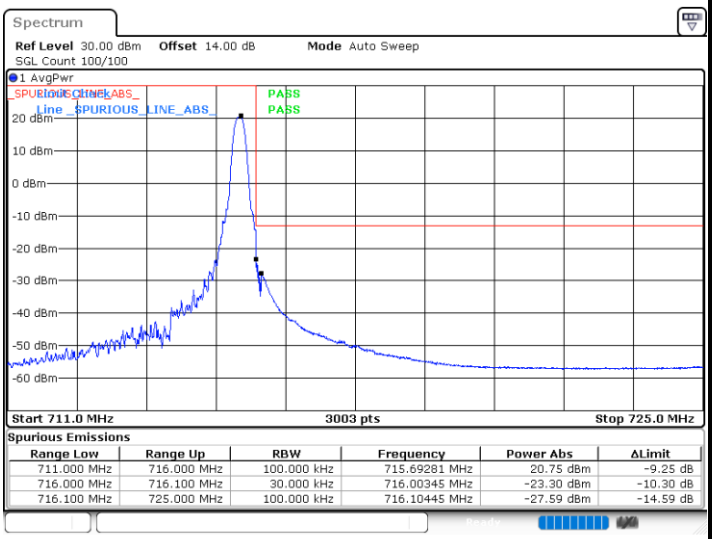


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-28.63 dBm	-15.63 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99685 MHz	-23.38 dBm	-10.38 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.34216 MHz	21.02 dBm	-8.98 dB

Date: 11.JUL.2025 18:07:23

Highest Band Edge / 1RB

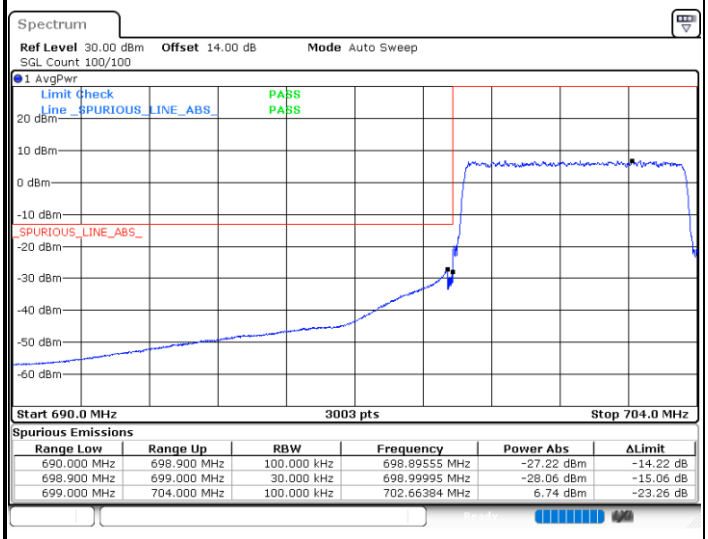


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.69281 MHz	20.75 dBm	-9.25 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00345 MHz	-23.30 dBm	-10.30 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-27.59 dBm	-14.59 dB

Date: 11.JUL.2025 18:16:29

Lowest Band Edge / Full RB

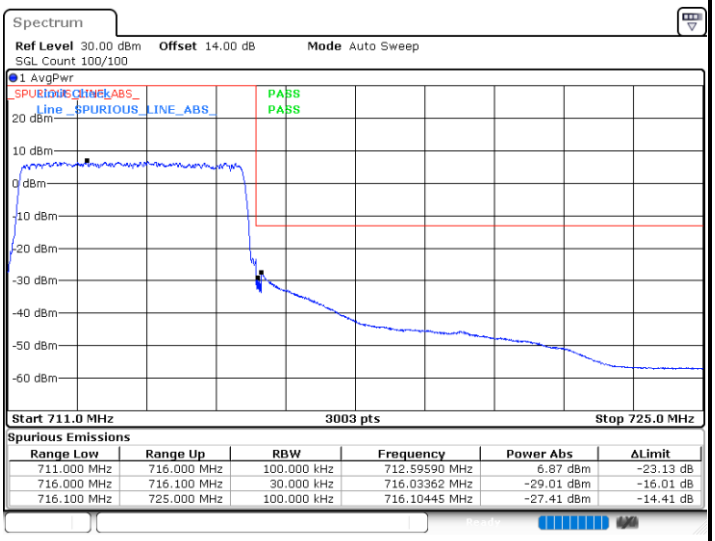


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-27.22 dBm	-14.22 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99995 MHz	-28.06 dBm	-15.06 dB
699.000 MHz	704.000 MHz	100.000 kHz	702.66384 MHz	6.74 dBm	-23.26 dB

Date: 11.JUL.2025 18:10:39

Highest Band Edge / Full RB



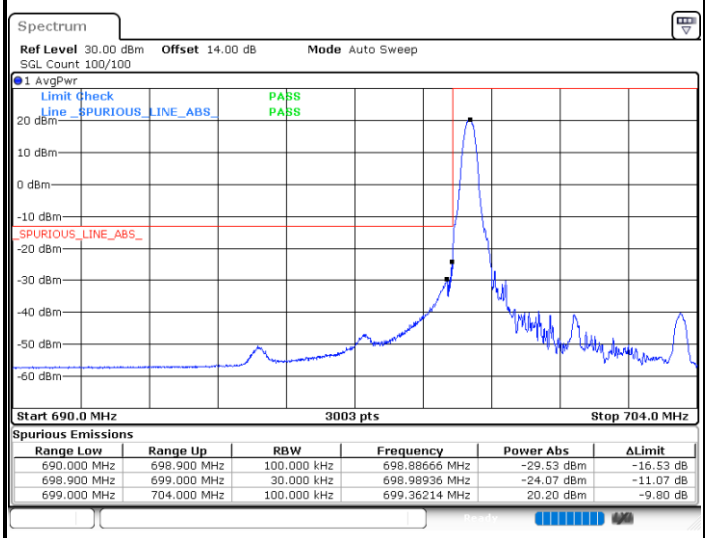
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	712.59590 MHz	6.87 dBm	-23.13 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.03362 MHz	-29.01 dBm	-16.01 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-27.41 dBm	-14.41 dB

Date: 11.JUL.2025 18:19:01

LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

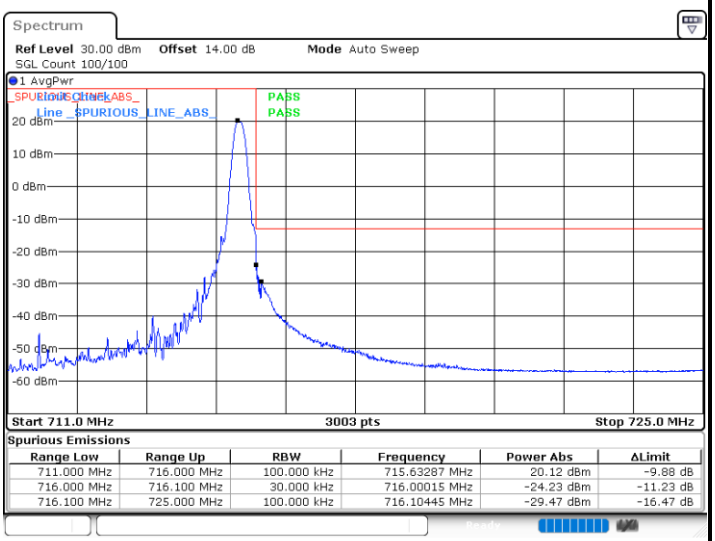


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-29.53 dBm	-16.53 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98936 MHz	-24.07 dBm	-11.07 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.36214 MHz	20.20 dBm	-9.80 dB

Date: 11.JUL.2025 18:08:13

Highest Band Edge / 1 RB

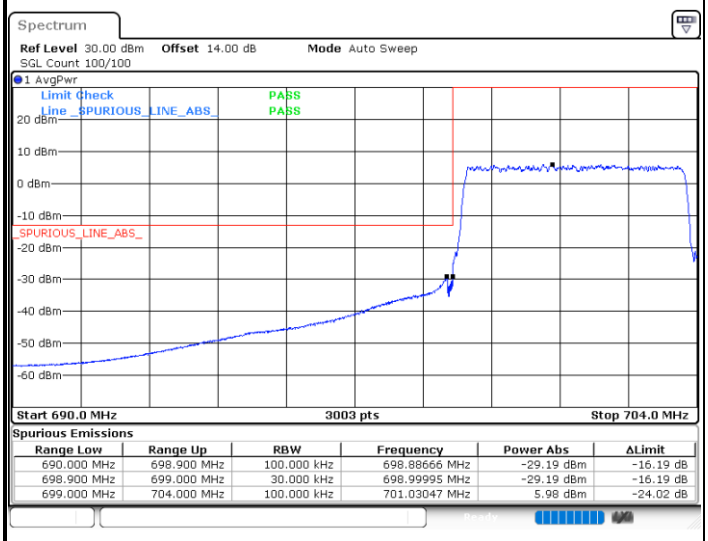


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.63287 MHz	20.12 dBm	-9.88 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00015 MHz	-24.23 dBm	-11.23 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-29.47 dBm	-16.47 dB

Date: 11.JUL.2025 18:17:20

Lowest Band Edge / Full RB

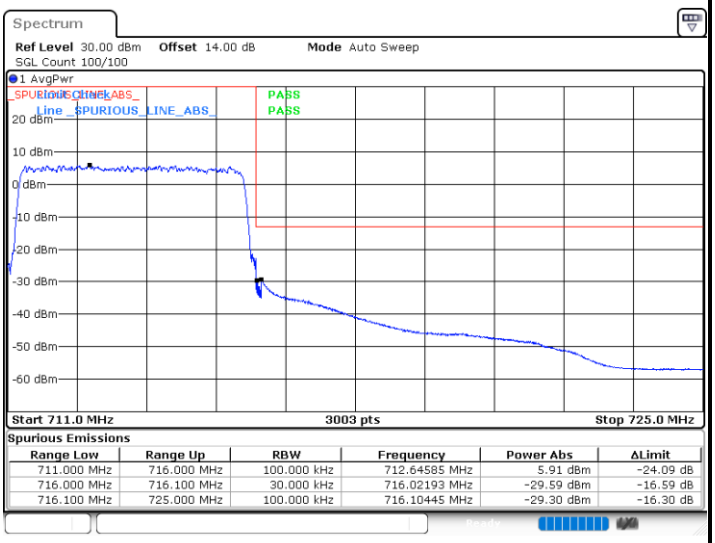


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-29.19 dBm	-16.19 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99995 MHz	-29.19 dBm	-16.19 dB
699.000 MHz	704.000 MHz	100.000 kHz	701.03047 MHz	5.98 dBm	-24.02 dB

Date: 11.JUL.2025 18:11:30

Highest Band Edge / Full RB



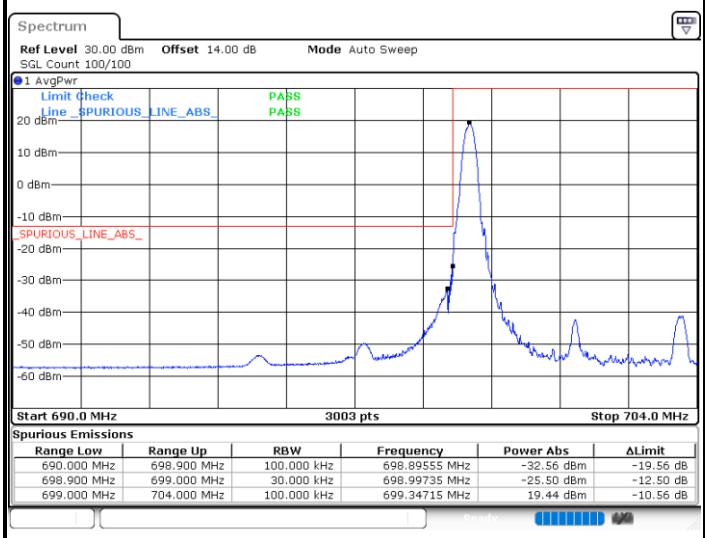
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	712.64585 MHz	5.91 dBm	-24.09 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.02193 MHz	-29.59 dBm	-16.59 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-29.30 dBm	-16.30 dB

Date: 11.JUL.2025 18:19:52

LTE Band 12 / 5MHz / 64QAM

Lowest Band Edge / 1 RB

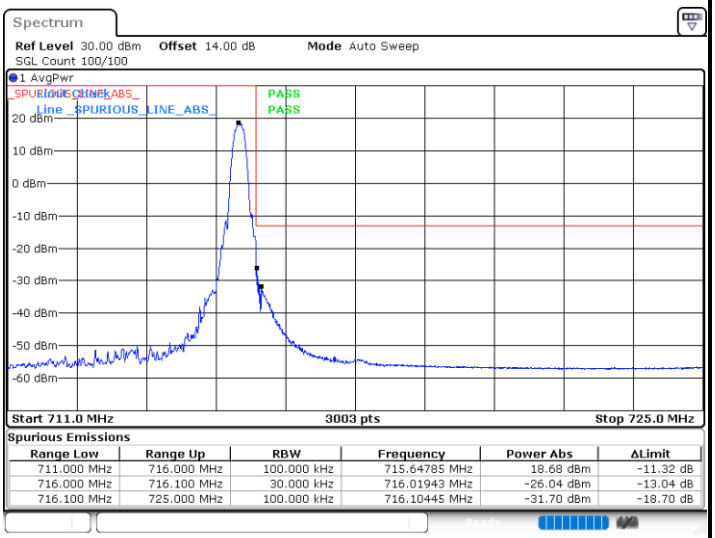


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-32.56 dBm	-19.56 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99735 MHz	-25.50 dBm	-12.50 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.34715 MHz	19.44 dBm	-10.56 dB

Date: 11.JUL.2025 18:09:04

Highest Band Edge / 1 RB

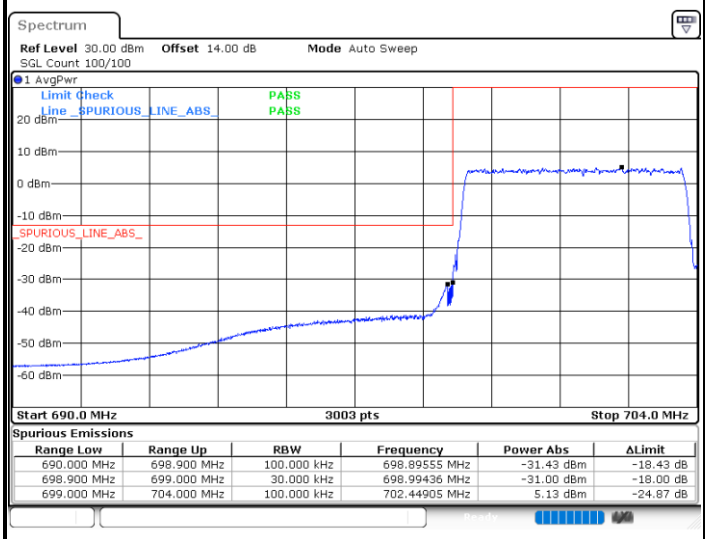


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.64785 MHz	18.68 dBm	-11.32 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01943 MHz	-26.04 dBm	-13.04 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-31.70 dBm	-18.70 dB

Date: 11.JUL.2025 18:18:11

Lowest Band Edge / Full RB

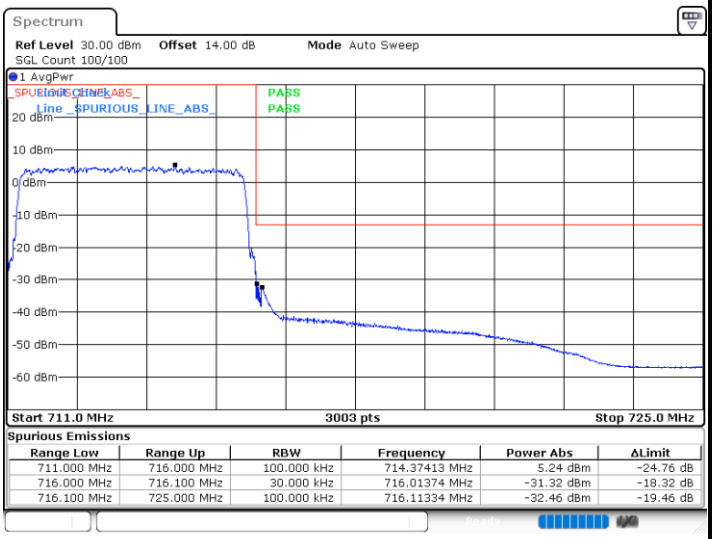


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-31.43 dBm	-18.43 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99436 MHz	-31.00 dBm	-18.00 dB
699.000 MHz	704.000 MHz	100.000 kHz	702.44905 MHz	5.13 dBm	-24.87 dB

Date: 11.JUL.2025 18:12:20

Highest Band Edge / Full RB



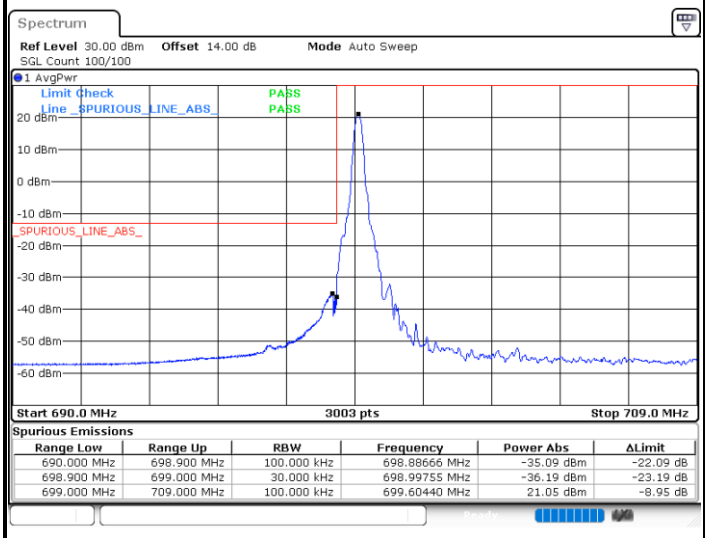
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	714.37413 MHz	5.24 dBm	-24.76 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01374 MHz	-31.32 dBm	-18.32 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-32.46 dBm	-19.46 dB

Date: 11.JUL.2025 18:20:43

LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1RB

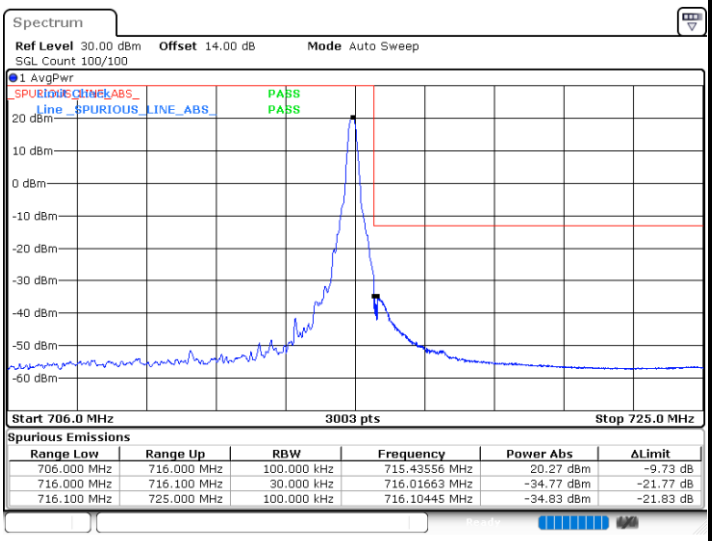


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-35.09 dBm	-22.09 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99755 MHz	-36.19 dBm	-23.19 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.60440 MHz	21.05 dBm	-8.95 dB

Date: 11.JUL.2025 18:23:17

Highest Band Edge / 1RB

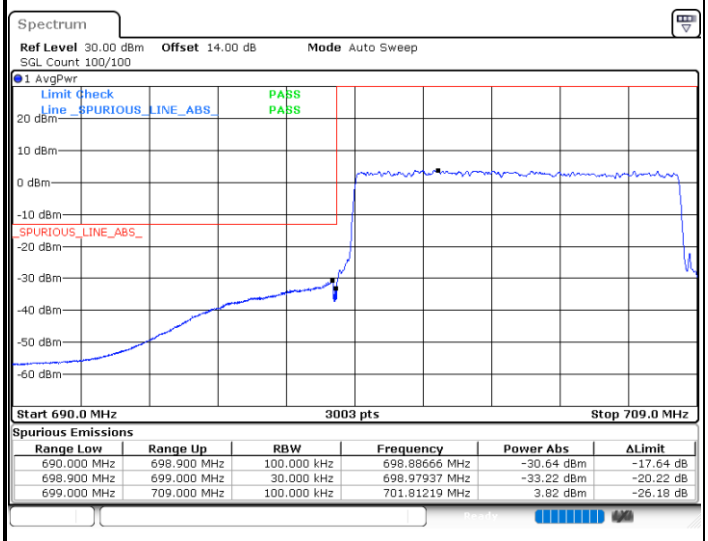


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.43556 MHz	20.27 dBm	-9.73 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01663 MHz	-34.77 dBm	-21.77 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-34.83 dBm	-21.83 dB

Date: 11.JUL.2025 18:31:39

Lowest Band Edge / Full RB

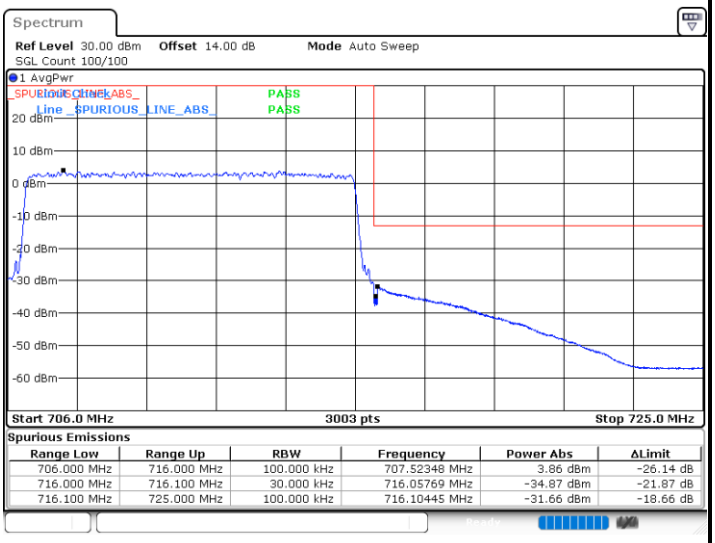


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-30.64 dBm	-17.64 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.97937 MHz	-33.22 dBm	-20.22 dB
699.000 MHz	709.000 MHz	100.000 kHz	701.81219 MHz	3.82 dBm	-26.18 dB

Date: 11.JUL.2025 18:25:49

Highest Band Edge / Full RB



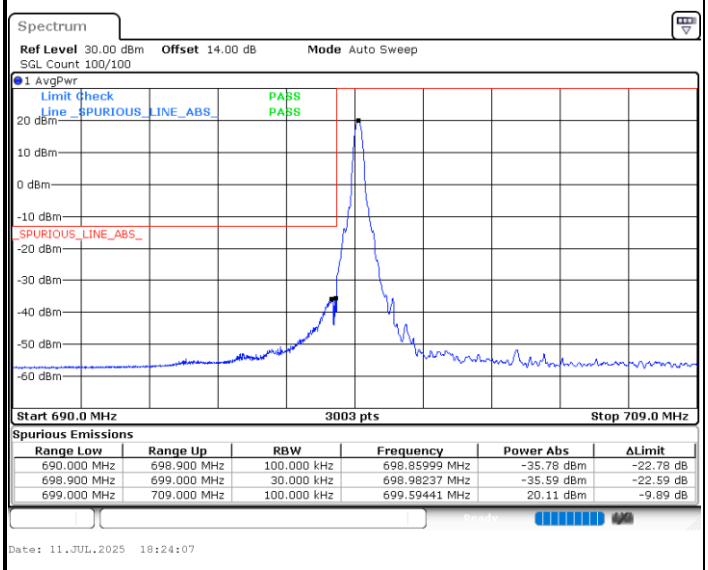
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	707.52348 MHz	3.86 dBm	-26.14 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.05769 MHz	-34.87 dBm	-21.87 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-31.66 dBm	-18.66 dB

Date: 11.JUL.2025 18:34:12

LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

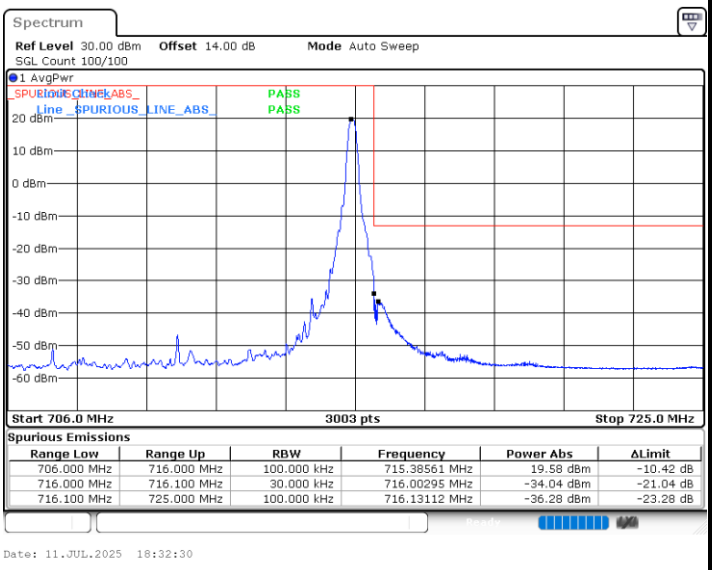


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.85999 MHz	-35.78 dBm	-22.78 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98237 MHz	-35.59 dBm	-22.59 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.59441 MHz	20.11 dBm	-9.89 dB

Date: 11.JUL.2025 18:24:07

Highest Band Edge / 1 RB

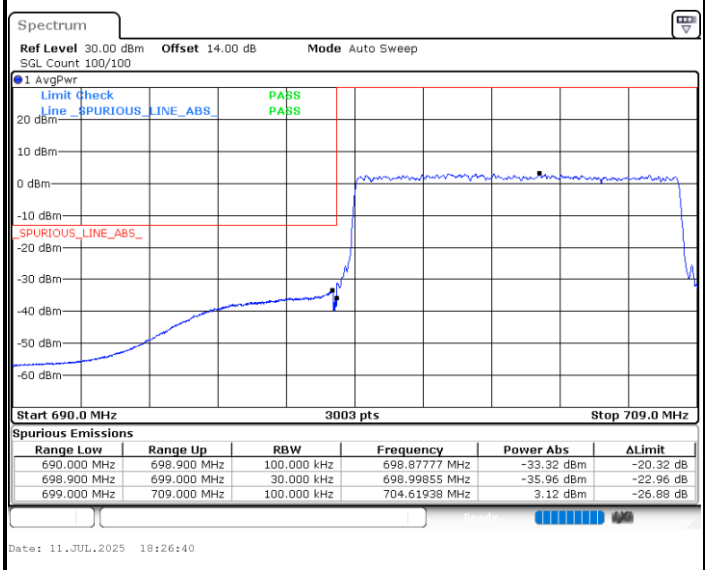


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.38561 MHz	19.58 dBm	-10.42 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00295 MHz	-34.04 dBm	-21.04 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.13112 MHz	-36.28 dBm	-23.28 dB

Date: 11.JUL.2025 18:32:30

Lowest Band Edge / Full RB

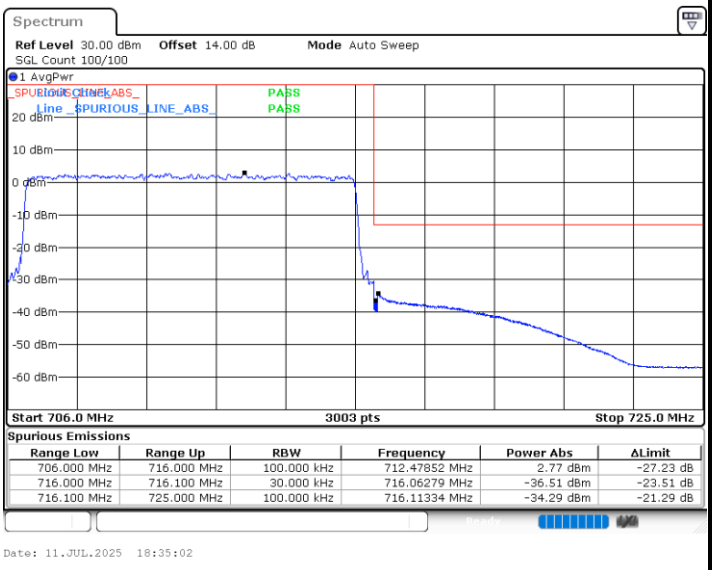


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.87777 MHz	-33.32 dBm	-20.32 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99855 MHz	-35.96 dBm	-22.96 dB
699.000 MHz	709.000 MHz	100.000 kHz	704.61938 MHz	3.12 dBm	-26.88 dB

Date: 11.JUL.2025 18:26:40

Highest Band Edge / Full RB



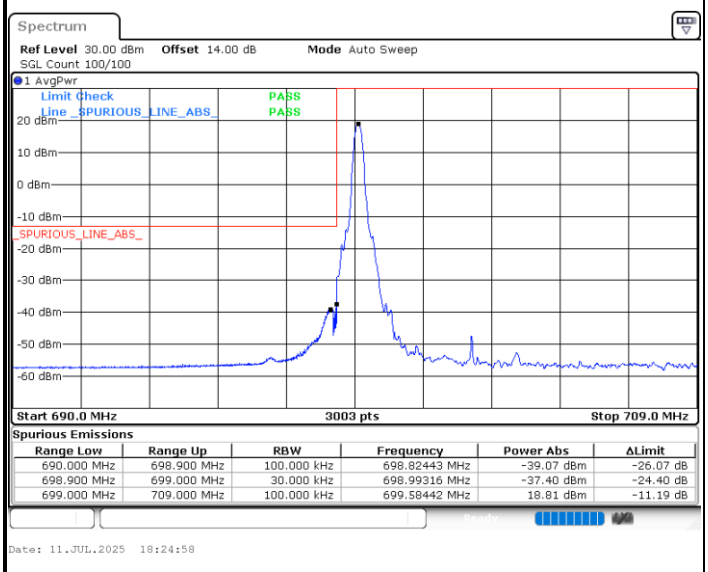
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	712.47852 MHz	2.77 dBm	-27.23 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.06279 MHz	-36.51 dBm	-23.51 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-34.29 dBm	-21.29 dB

Date: 11.JUL.2025 18:35:02

LTE Band 12 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

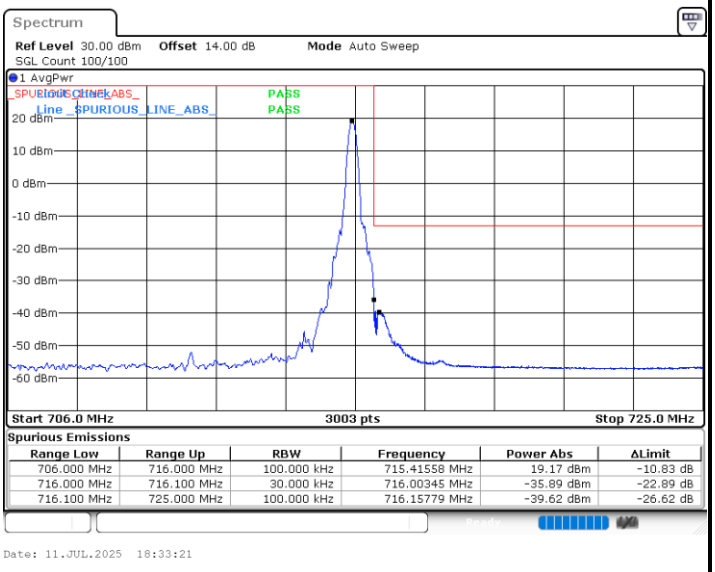


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.82443 MHz	-39.07 dBm	-26.07 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99316 MHz	-37.40 dBm	-24.40 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.58442 MHz	18.81 dBm	-11.19 dB

Date: 11.JUL.2025 18:24:58

Highest Band Edge / 1 RB

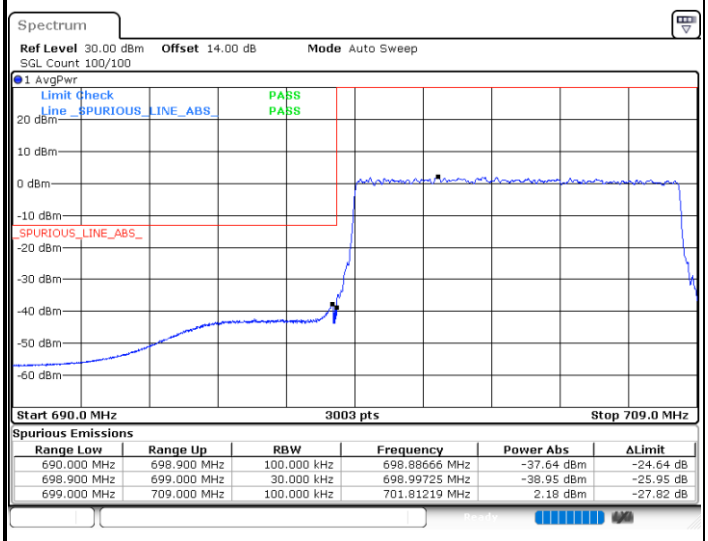


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.41558 MHz	19.17 dBm	-10.83 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00345 MHz	-35.89 dBm	-22.89 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.15779 MHz	-39.62 dBm	-26.62 dB

Date: 11.JUL.2025 18:33:21

Lowest Band Edge / Full RB

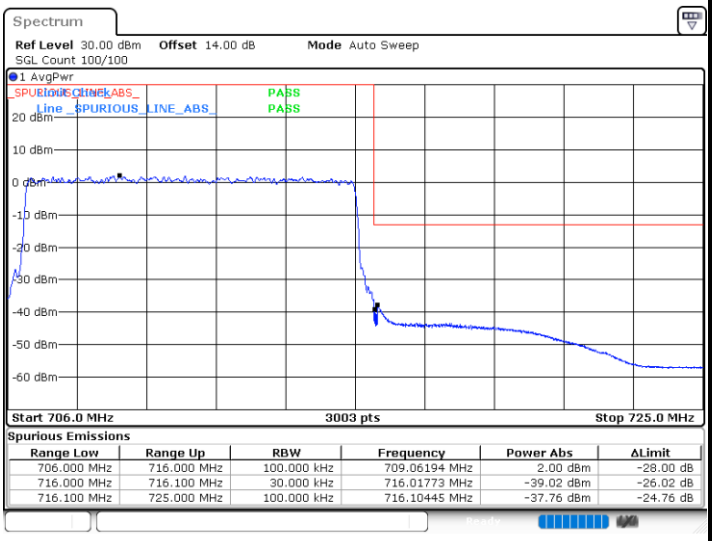


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-37.64 dBm	-24.64 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99725 MHz	-38.95 dBm	-25.95 dB
699.000 MHz	709.000 MHz	100.000 kHz	701.81219 MHz	2.18 dBm	-27.82 dB

Date: 11.JUL.2025 18:27:30

Highest Band Edge / Full RB



Spurious Emissions

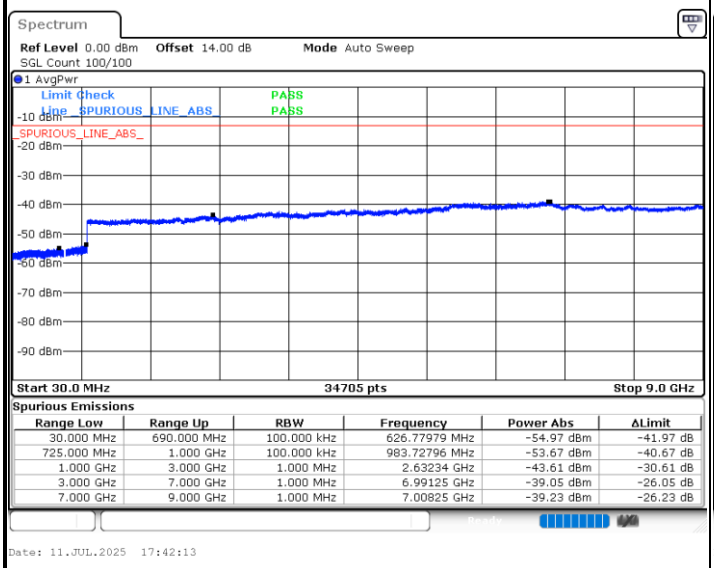
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	709.06194 MHz	2.00 dBm	-28.00 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01773 MHz	-39.02 dBm	-26.02 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-37.76 dBm	-24.76 dB

Date: 11.JUL.2025 18:35:53

Conducted Spurious Emission

LTE Band 12 / 1.4MHz

Lowest Channel / QPSK

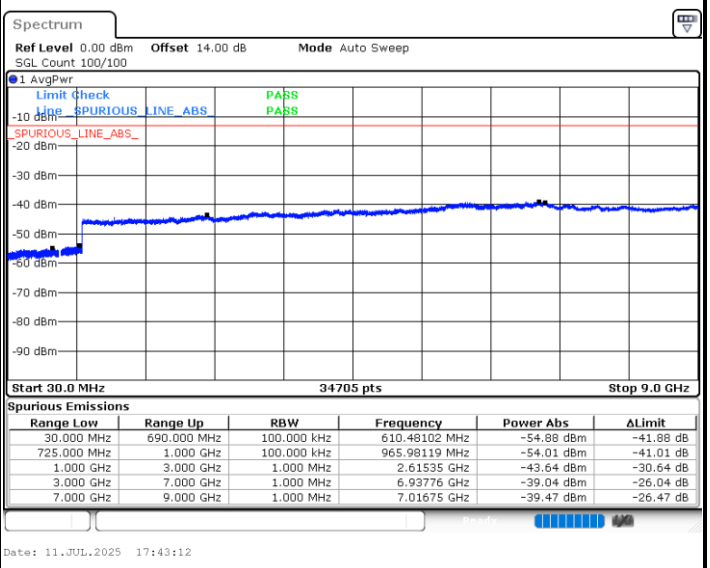


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	626.77979 MHz	-54.97 dBm	-41.97 dB
725.000 MHz	1.000 GHz	100.000 kHz	983.72796 MHz	-53.67 dBm	-40.67 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63234 GHz	-43.61 dBm	-30.61 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99125 GHz	-39.05 dBm	-26.05 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00825 GHz	-39.23 dBm	-26.23 dB

Date: 11.JUL.2025 17:42:13

Middle Channel / QPSK

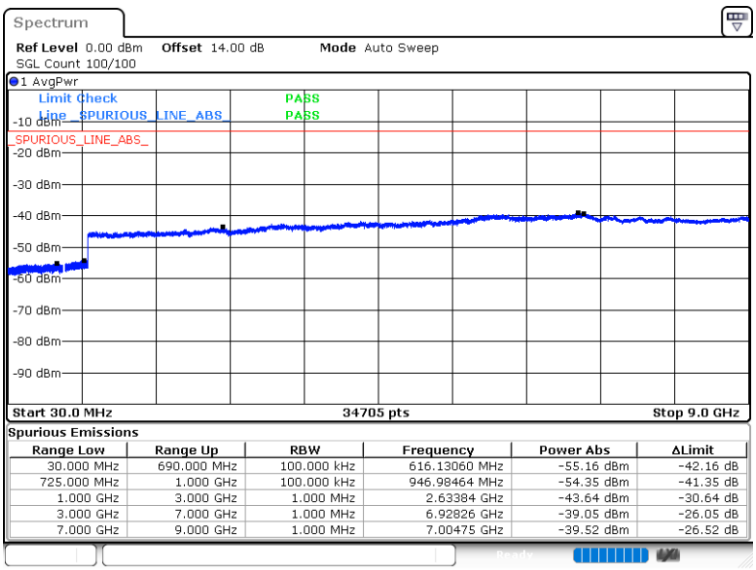


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	610.48102 MHz	-54.88 dBm	-41.88 dB
725.000 MHz	1.000 GHz	100.000 kHz	965.98119 MHz	-54.01 dBm	-41.01 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.61535 GHz	-43.64 dBm	-30.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93776 GHz	-39.04 dBm	-26.04 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.01675 GHz	-39.47 dBm	-26.47 dB

Date: 11.JUL.2025 17:43:12

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	616.13060 MHz	-55.16 dBm	-42.16 dB
725.000 MHz	1.000 GHz	100.000 kHz	946.98464 MHz	-54.35 dBm	-41.35 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63384 GHz	-43.64 dBm	-30.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92826 GHz	-39.05 dBm	-26.05 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00475 GHz	-39.52 dBm	-26.52 dB

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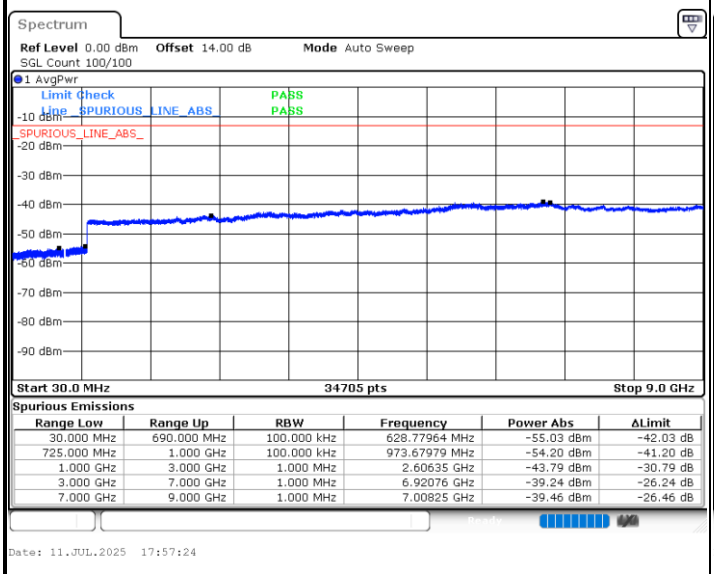
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	628.77964 MHz	-55.03 dBm	-42.03 dB
725.000 MHz	1.000 GHz	100.000 kHz	973.67979 MHz	-54.20 dBm	-41.20 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.60635 GHz	-43.79 dBm	-30.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92076 GHz	-39.24 dBm	-26.24 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00825 GHz	-39.46 dBm	-26.46 dB

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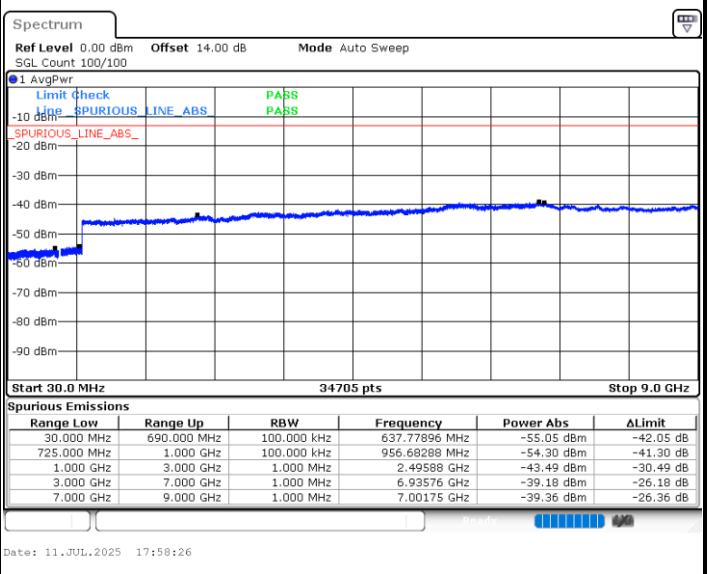
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	637.77896 MHz	-55.05 dBm	-42.05 dB
725.000 MHz	1.000 GHz	100.000 kHz	956.68288 MHz	-54.30 dBm	-41.30 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.49588 GHz	-43.49 dBm	-30.49 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93576 GHz	-39.18 dBm	-26.18 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00175 GHz	-39.36 dBm	-26.36 dB

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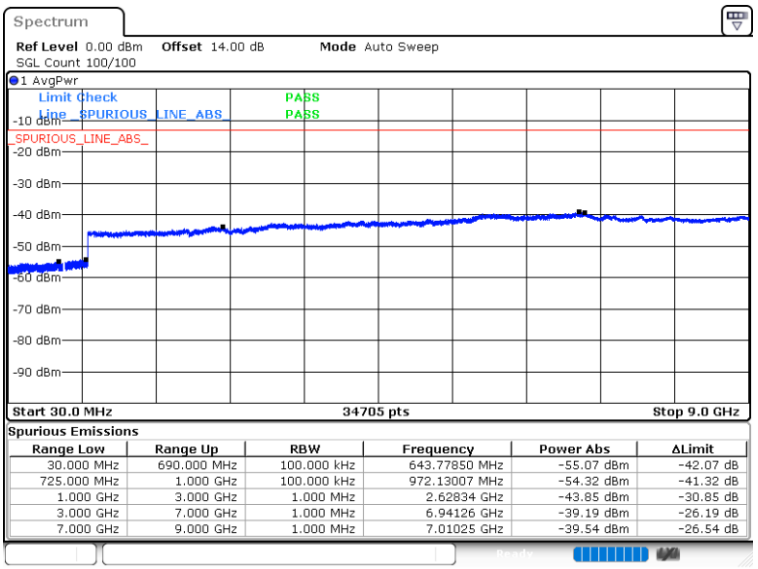
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	643.77850 MHz	-55.07 dBm	-42.07 dB
725.000 MHz	1.000 GHz	100.000 kHz	972.13007 MHz	-54.32 dBm	-41.32 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.62834 GHz	-43.85 dBm	-30.85 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94126 GHz	-39.19 dBm	-26.19 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.01025 GHz	-39.54 dBm	-26.54 dB

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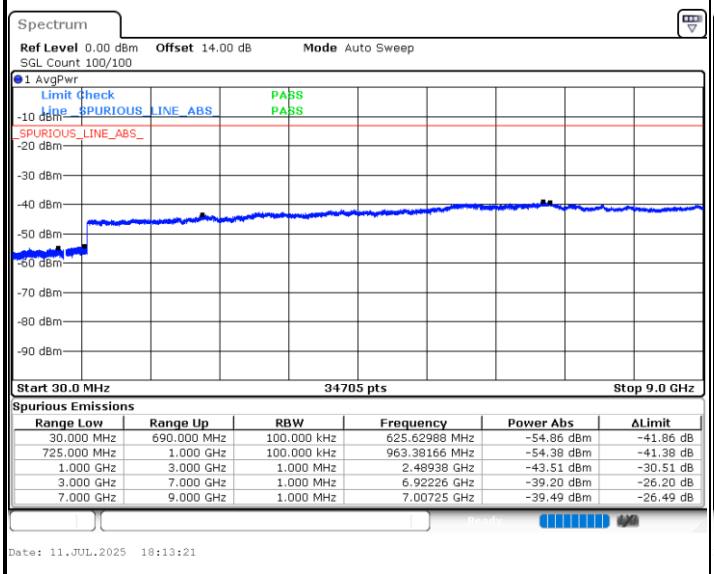
LTE Band 12 / 5MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	625.62988 MHz	-54.86 dBm	-41.86 dB
725.000 MHz	1.000 GHz	100.000 kHz	963.38166 MHz	-54.38 dBm	-41.38 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.48938 GHz	-43.51 dBm	-30.51 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92226 GHz	-39.20 dBm	-26.20 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00725 GHz	-39.49 dBm	-26.49 dB

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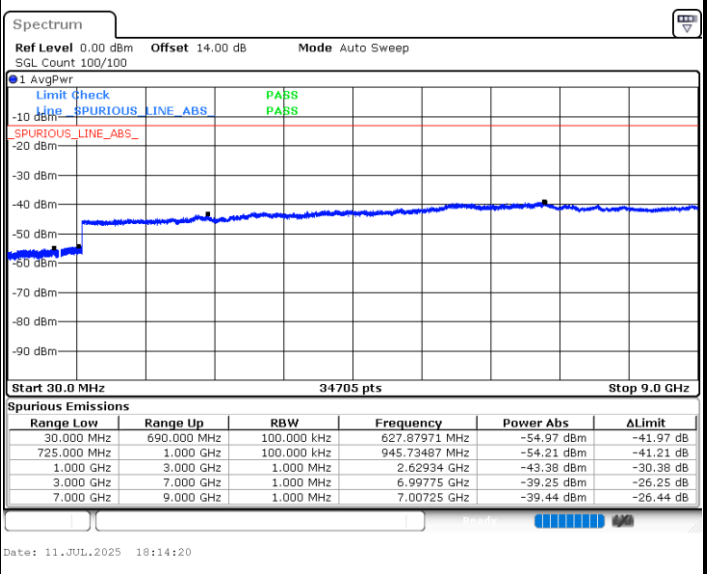
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	627.87971 MHz	-54.97 dBm	-41.97 dB
725.000 MHz	1.000 GHz	100.000 kHz	945.73487 MHz	-54.21 dBm	-41.21 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.62934 GHz	-43.38 dBm	-30.38 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-39.25 dBm	-26.25 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00725 GHz	-39.44 dBm	-26.44 dB

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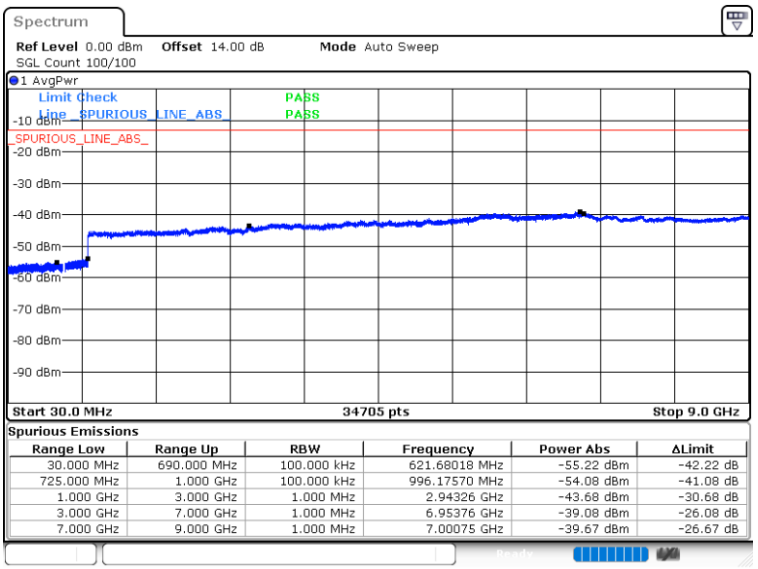
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	621.68018 MHz	-55.22 dBm	-42.22 dB
725.000 MHz	1.000 GHz	100.000 kHz	996.17570 MHz	-54.08 dBm	-41.08 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.94326 GHz	-43.68 dBm	-30.68 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95376 GHz	-39.08 dBm	-26.08 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.00075 GHz	-39.67 dBm	-26.67 dB

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