



FCC RF Test Report

APPLICANT : Motorola Mobility LLC
EQUIPMENT : Mobile Cellular Phone
BRAND NAME : Motorola
MODEL NAME : XT2517-1, XT2517-2, XT2517-3, XT2517V
FCC ID : IHDT56AT8
STANDARD : 47 CFR Part 22(H), 27(F), 27(H), 27(N)
CLASSIFICATION : PCS Licensed Transmitter Held to Ear (PCE)
TEST DATE(S) : Nov. 08, 2024 ~ Dec. 07, 2024

We, Sporton International Inc. (Kunshan), 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.

This report contains data that were produced under subcontract by Sporton International Inc. (Shenzhen)

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

Jason Jia

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Sporton International Inc. (Kunshan)

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG4O3003D	Rev. 01	Initial issue of report	Dec. 20, 2024



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	N/A	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+10log ₁₀ (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+10log ₁₀ (P[Watts])	PASS	-
3.9	§2.1055 §22.355	Frequency Stability Temperature & Voltage	< 2.5 ppm for Part 22	PASS	-
	§2.1055 §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 22.51 dB at 1560.00 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

Motorola Mobility LLC

222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

1.2 Manufacturer

Motorola Mobility LLC

222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Cellular Phone
Brand Name	Motorola
Model Name	XT2517-1, XT2517-2, XT2517-3, XT2517V
FCC ID	IHDT56AT8
IMEI Code	Conducted: 358926210031872 Radiation: 358926210036111
HW Version	DVT2
SW Version	VVA35.34
EUT Stage	Identical Prototype

Remark: The four model name XT2517-1, XT2517-2, XT2517-3, XT2517V are the same product except model name different for market segment.

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	<ANT0>: LTE Band 5 : 22.85 dBm LTE CA_5B : 22.86 dBm LTE Band 12 : 23.10 dBm LTE Band 13 : 23.10 dBm LTE Band 17 : 23.09 dBm LTE Band 26 : 22.94 dBm LTE Band 71 : 22.98 dBm <ANT1>: LTE Band 5 : 22.65 dBm LTE CA_5B : 22.43 dBm LTE Band 12 : 23.09 dBm LTE Band 13 : 22.85 dBm LTE Band 17 : 23.08 dBm LTE Band 26 : 22.70 dBm LTE Band 71 : 22.89 dBm
Antenna Gain	<ANT0>: LTE Band 5 : -5.0 dBi LTE Band 12 : -4.5 dBi LTE Band 13 : -4.3 dBi LTE Band 17 : -4.5 dBi LTE Band 26 : -5.0 dBi LTE Band 71 : -5.0 dBi <ANT1>: LTE Band 5 : -4.8 dBi LTE Band 12 : -6.3 dBi LTE Band 13 : -3.6 dBi LTE Band 17 : -6.3 dBi LTE Band 26 : -4.8 dBi LTE Band 71 : -5.3 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 Antenna 0 for LTEBand5/5B/12/17/26/71 and Antenna 1 for LTE Band13 are shown in the report.
2. For LTE B13, the test data of the worse Ant.0 is shown in the report according to the maximum power for conducted test items.

1.5 Modification of EUT

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

1.6 Maximum ERP Power 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	0.0369	1M09G7D	0.0364	1M09W7D
3	825.5 ~ 847.5	0.0361	2M72G7D	0.0366	2M74W7D
5	826.5 ~ 846.5	0.0369	4M48G7D	0.0354	4M50W7D
10	829.0 ~ 844.0	0.0372	9M03G7D	0.0369	9M05W7D
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	0.0438	1M10G7D	0.0440	1M09W7D
3	700.5 ~ 714.5	0.0435	2M73G7D	0.0427	2M73W7D
5	701.5 ~ 713.5	0.0434	4M49G7D	0.0429	4M52W7D
10	704.0 ~ 711.0	0.0442	9M09G7D	0.0435	9M03W7D
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	0.0500	4M48G7D	0.0412	4M52W7D
10	782.0	0.0513	9M03G7D	0.0415	9M05W7D
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	0.0434	4M49G7D	0.0429	4M52W7D
10	709.0 ~ 711.0	0.0441	9M09G7D	0.0435	9M03W7D



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	0.0378	1M09G7D	0.0376	1M09W7D
3	825.5 ~ 847.5	0.0374	2M72G7D	0.0363	2M74W7D
5	826.5 ~ 846.5	0.0377	4M48G7D	0.0366	4M50W7D
10	829.0 ~ 844.0	0.0373	9M03G7D	0.0363	9M05W7D
15	831.5 ~ 841.5	0.0379	13M4G7D	0.0375	13M4W7D
CH26790	824.0	0.0364	13M4G7D	0.0354	13M5W7D
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	0.0373	4M51G7D	0.0373	4M50W7D
10	668.0 ~ 693.0	0.0378	9M03G7D	0.0376	9M05W7D
15	670.5 ~ 690.5	0.0374	13M5G7D	0.0373	13M4W7D
20	673.0 ~ 688.0	0.0383	17M9G7D	0.0378	17M9W7D
LTE Band CA_5B		QPSK		16QAM/64QAM/256QAM	
BW (MHz)		Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
3MHz+5MHz		0.0370	7M59G7D	0.0348	7M54W7D
5MHz+3MHz		0.0366	7M61G7D	0.0348	7M54W7D
5MHz+10MHz		0.0372	13M8G7D	0.0346	13M8W7D
10MHz+5MHz		0.0370	13M9G7D	0.0349	13M9W7D
10MHz+10MHz		0.0361	18M7G7D	0.0352	18M7W7D

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. (Kunshan) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

Test Firm	Sporton International Inc. (Kunshan)		
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	03CH04-KS	CN1257	314309

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	1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055 People's Republic of China TEL: +86-755-86379589 FAX: +86-755-86379595		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	TH01-SZ	CN1256	421272

Test data subcontracted: Conducted test case in section 3 of this report.

1.8 Test Software

Item	Site	Manufacture	Name	Version
1.	03CH04-KS	AUDIX	E3	210616

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(F), 27(H), 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.

1.10 Specification of Accessory

Accessories Information				
Battery 1	Brand Name	Motorola(COSMX)	Model Name	RH50
Battery 2	Brand Name	Motorola(SUNWODA)	Model Name	RH50
USB Cable 1	Brand Name	LUXSHARE	Model Name	SC18E08103
USB Cable 2	Brand Name	Saibao	Model Name	SC18D86731
Stylus	Brand Name	Techson	Model Name	SO28E49329



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. (X/Z Plane)

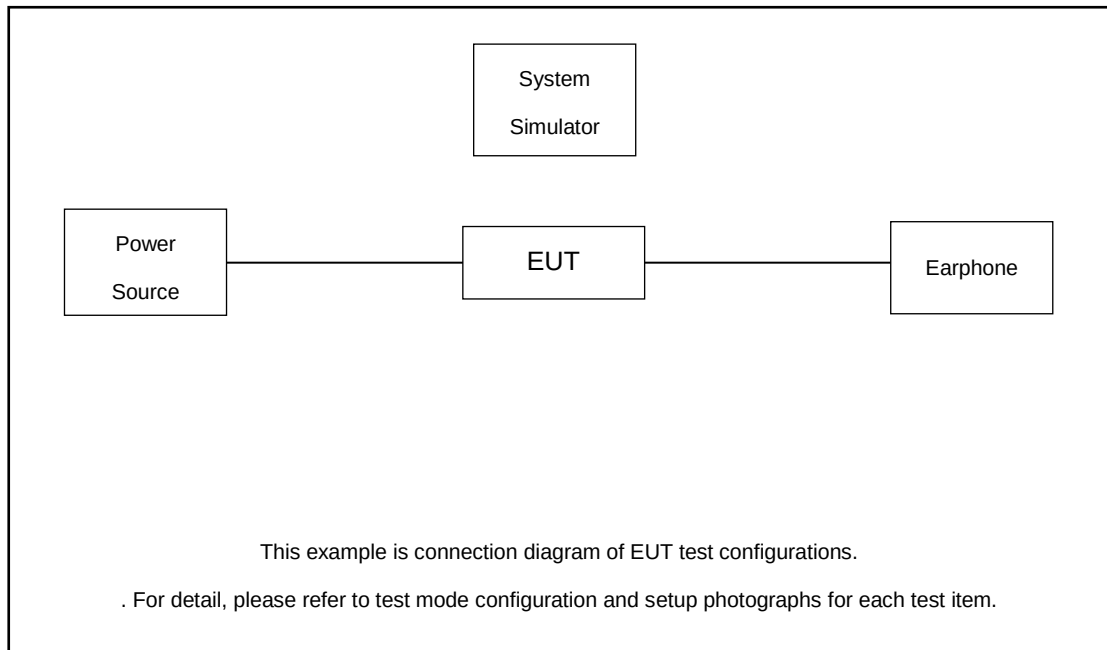
Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16 QAM	64 QAM	256 QAM	1	Half	Full	L	M	H
Max. Output Power	5	v	v	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	12	v	v	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	13	-	-	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	17	-	-	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	26	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			
		10+10	15+5	5+15	10+5	5+10	5+5	5+3	3+5	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H	
Max. Output Power	5B_CA	v	-	-	v	v	-	v	v	v	v	v	v	v			v	v	v	v
26dB and 99% Bandwidth	5B_CA	v	-	-	v	v	-	v	v	v	v						v		v	
Conducted Band Edge	5B_CA	v	-	-	v	v	-	v	v	v	v	v			v		v	v		v
Conducted Spurious Emission	5B_CA	v	-	-	v	v	-	v	v	v					v			v	v	v
E.R.P.	5B_CA	v	-	-	v	v	-	v	v	v	v	v	v	v	v		v	v	v	v
Radiated Spurious Emission	5B_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
3.	Earphone	N/A	N/A	N/A	N/A	N/A

2.4 Measurement Results Explanation Example

For all conducted test items:

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

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

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.0 dB and 10dB attenuator.

Example :

$$\begin{aligned}
 \text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)}. \\
 &= 4.0 + 10 = 14.0 \text{ (dB)}
 \end{aligned}$$



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 5B_CA Channel and Frequency List					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
3 + 5	PCC	Channel	20416	20501	20586
		Frequency	825.6	834.1	842.6
	SCC	Channel	20455	20540	20625
		Frequency	829.5	838.0	846.5
5 + 3	PCC	Channel	20425	20510	20595
		Frequency	826.5	835.0	843.5
	SCC	Channel	20464	20549	20634
		Frequency	830.4	838.9	847.4
5 + 10	PCC	Channel	20428	20478	20528
		Frequency	826.8	831.8	836.8
	SCC	Channel	20500	20550	20600
		Frequency	834	839	844
10 + 5	PCC	Channel	20450	20500	20550
		Frequency	829	834	839
	SCC	Channel	20522	20572	20622
		Frequency	836.2	841.2	846.2
10 + 10	PCC	Channel	20450	20476	20501
		Frequency	829	831.6	834.1
	SCC	Channel	20549	20575	20600
		Frequency	838.9	841.5	844

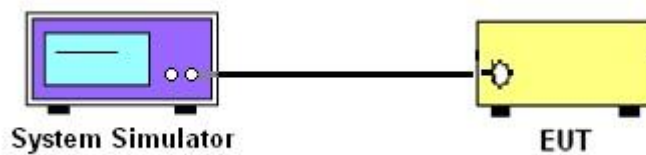
3 Conducted Test Items

3.1 Measuring Instruments

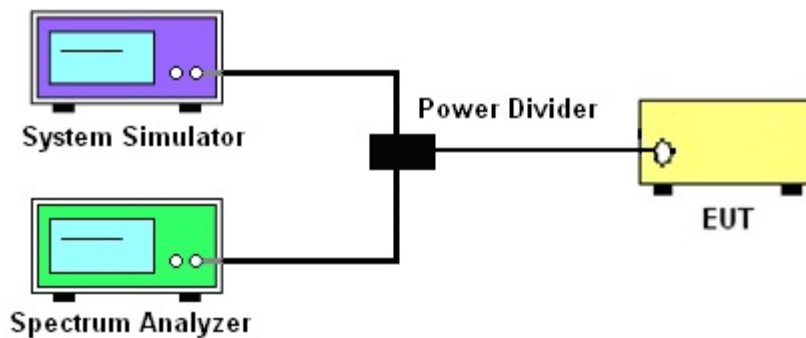
See list of measuring instruments of this test report.

3.2 Test Setup

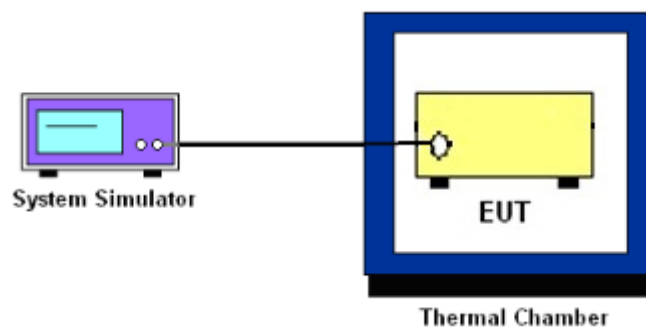
3.2.1 Conducted Output Power



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

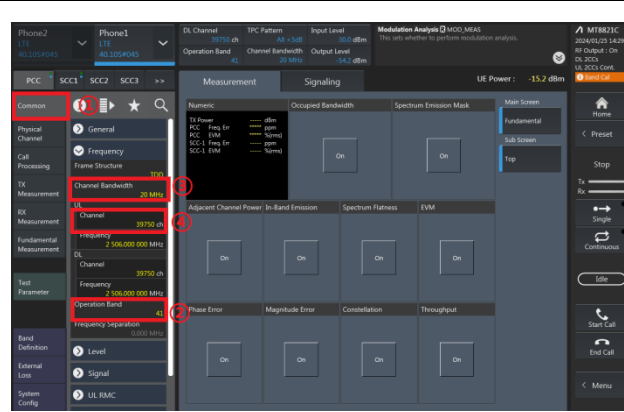
3.4.2 Test Procedures

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.

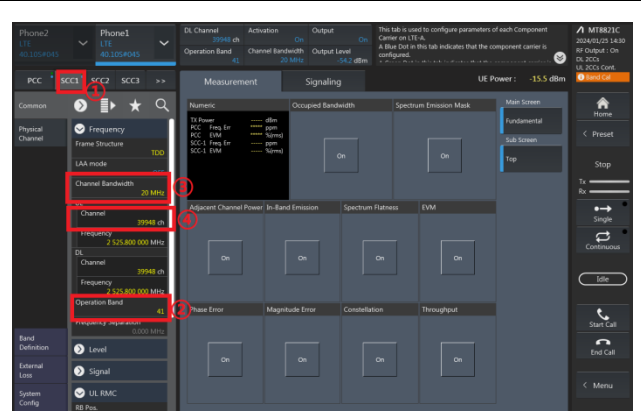
3.4.3 Test Procedures for LTE ULCA

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.

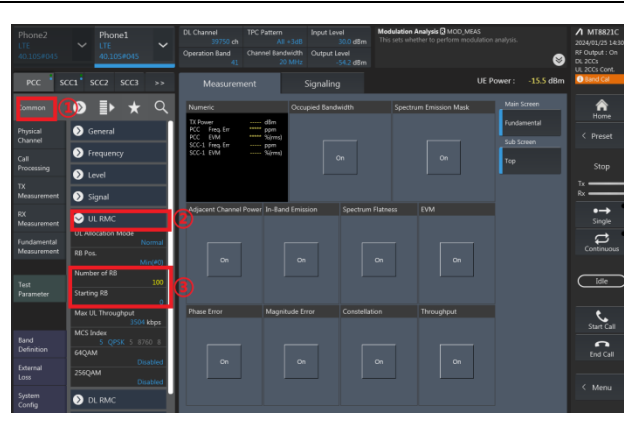
PCC config_ (Channel Bandwidth / Channel / Band)



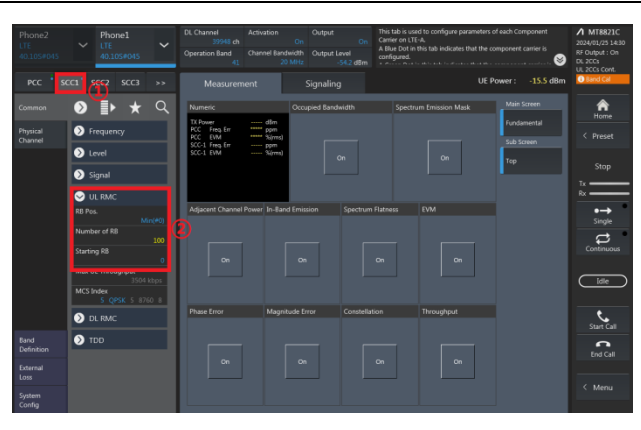
SCC config_ (Channel Bandwidth / Channel / Band)



PCC config_ (Number of RB / Starting RB)

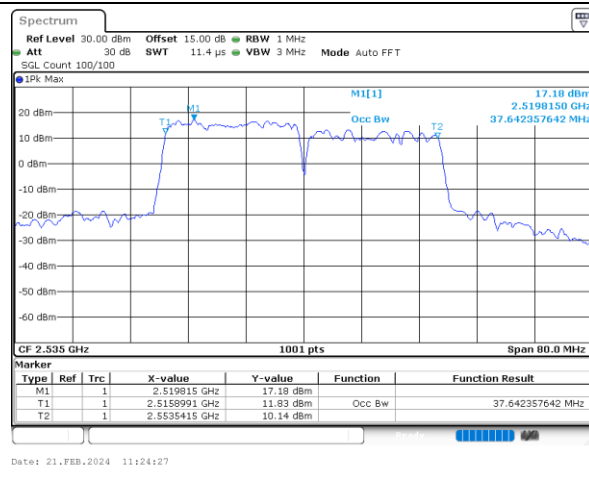


SCC config_ (Number of RB / Starting RB)

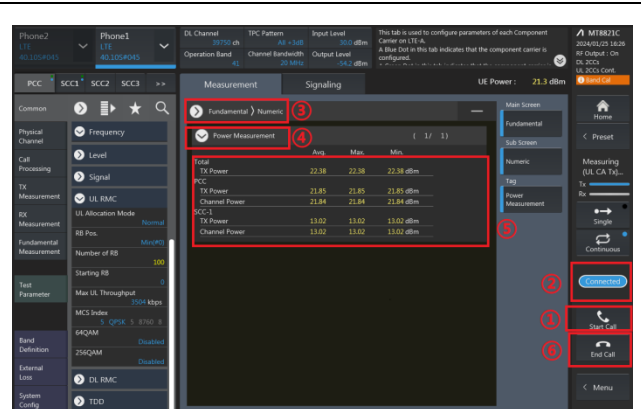


4. Select lowest, middle, and highest channels for each ULCA band and different modulation.
5. Check the ULCA spectrum and record the total power from the system simulator.

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

27.53 (c)

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

27.53 (g)

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

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 $\geq 1\%$ 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 $43 + 10\log(P)$ dB below the transmitter power P(Watts)

$$= P(W) - [43 + 10\log(P)] \text{ (dB)}$$

$$= [30 + 10\log(P)] \text{ (dBm)} - [43 + 10\log(P)] \text{ (dB)} = -13\text{dBm}.$$

9. 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 10th 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 $43 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [43 + 10\log(P)]$ (dB)
 $= [30 + 10\log(P)]$ (dBm) - $[43 + 10\log(P)]$ (dB)
 $= -13$ dBm.

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 $\pm 0.00025\%$ ($\pm 2.5\text{ppm}$) 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 $20\pm 5^{\circ}\text{C}$ 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.

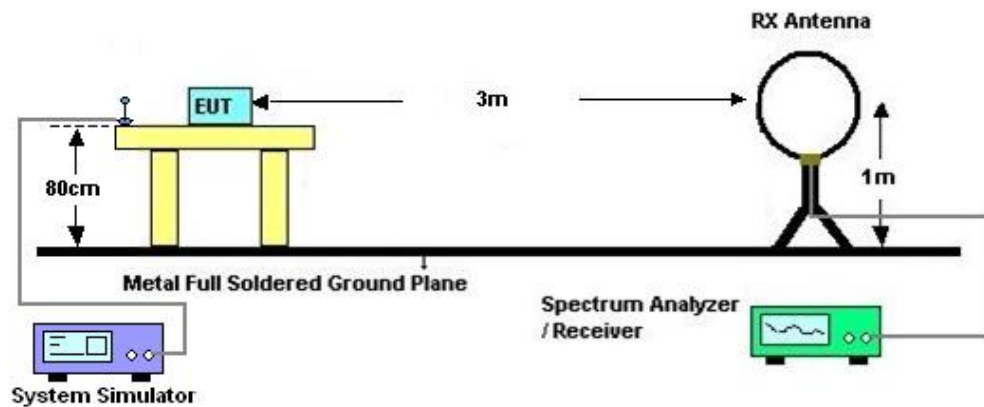
4 Radiated Test Items

4.1 Measuring Instruments

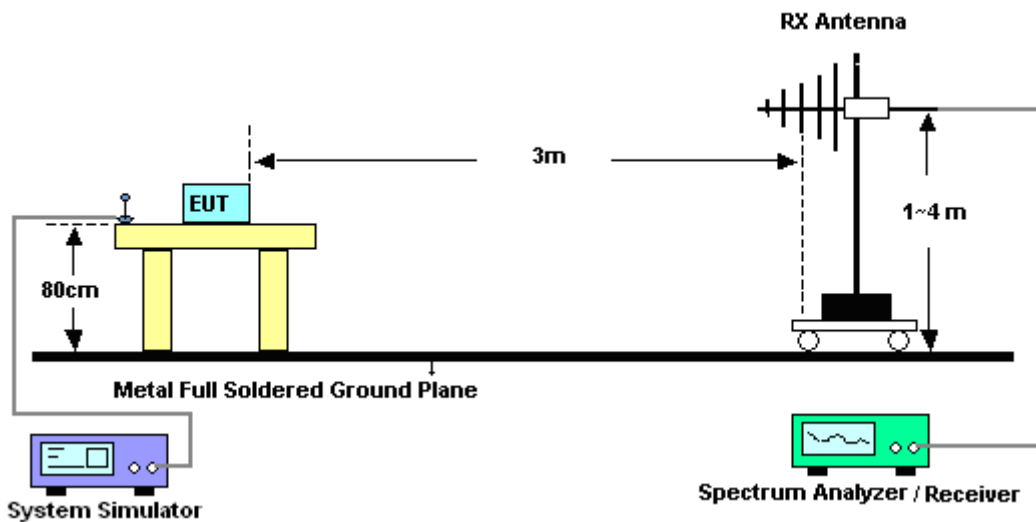
See list of measuring instruments of this test report.

4.2 Test Setup

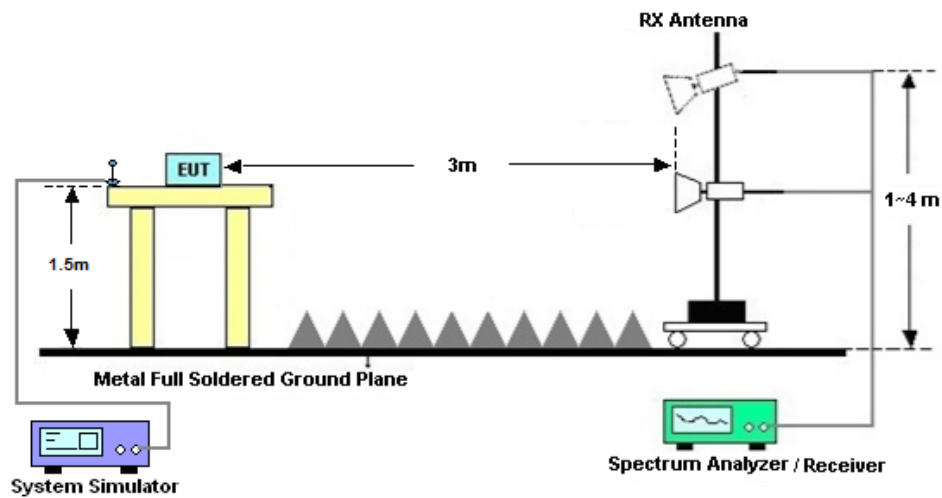
4.2.1 For radiated test below 30MHz



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. $\text{EIRP (dBm)} = \text{S.G. Power} - \text{Tx Cable Loss} + \text{Tx Antenna Gain}$
11. $\text{ERP (dBm)} = \text{EIRP} - 2.15$
12. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [43 + 10\log(P)] \text{ (dB)}$
 $= [30 + 10\log(P)] \text{ (dBm)} - [43 + 10\log(P)] \text{ (dB)}$
 $= -13\text{dBm}.$



5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 09, 2024	Nov. 08, 2024~ Nov. 26, 2024	Apr. 08, 2025	Conducted (TH01-SZ)
DC Power Supply	TTI	PL330P	290070	Max 32V, 3A	Oct. 15, 2024	Nov. 08, 2024~ Nov. 26, 2024	Oct. 14, 2025	Conducted (TH01-SZ)
Power Divider	TOJOIN	PS-2SM-04 265	60.06.020.007 7	0.4GHz~26.5GHz	Dec. 25, 2023	Nov. 08, 2024~ Nov. 26, 2024	Dec. 24, 2024	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H2014081803	-40~+150°C	Jul. 03, 2024	Nov. 08, 2024~ Nov. 26, 2024	Jul. 02, 2025	Conducted (TH01-SZ)
EXA Spectrum Analyzer	Keysight	N9010A	MY55370528	10Hz-44G,MAX 30dB	Oct. 11, 2024	Dec. 07, 2024	Oct. 10, 2025	Radiation (03CH04-KS)
Loop Antenna	R&S	HFH2-Z2E	101125	9kHz~30MHz	Sep. 08, 2024	Dec. 07, 2024	Sep. 07, 2025	Radiation (03CH04-KS)
Bilog Antenna	TeseQ	CBL6111D	44483	30MHz-1GHz	Dec. 05, 2024	Dec. 07, 2024	Dec. 04, 2025	Radiation (03CH04-KS)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00227860	1GHz~18GHz	Aug. 16, 2024	Dec. 07, 2024	Aug. 15, 2025	Radiation (03CH04-KS)
SHF-EHF Horn	Com-power	AH-840	101070	18GHz~40GHz	Jan. 27, 2024	Dec. 07, 2024	Jan. 26, 2025	Radiation (03CH04-KS)
Amplifier	SONOMA	310N	413740	9KHz-1GHz	Jan. 03, 2024	Dec. 07, 2024	Jan. 02, 2025	Radiation (03CH04-KS)
Amplifier	EM	EM18G40G A	060728	18~40GHz	Jan. 02, 2024	Dec. 07, 2024	Jan. 01, 2025	Radiation (03CH04-KS)
high gain Amplifier	EM	EM01G18G A	060840	1Ghz-18Ghz	Oct. 09, 2024	Dec. 07, 2024	Oct. 08, 2025	Radiation (03CH04-KS)
Amplifier	EM	EM01G18G A	060892	1Ghz-18Ghz	Oct. 09, 2024	Dec. 07, 2024	Oct. 08, 2025	Radiation (03CH04-KS)
AC Power Source	Chroma	61601	F104090004	N/A	NCR	Dec. 07, 2024	NCR	Radiation (03CH04-KS)
Turn Table	ChamPro	EM 1000-T	060762-T	0~360 degree	NCR	Dec. 07, 2024	NCR	Radiation (03CH04-KS)
Antenna Mast	ChamPro	EM 1000-A	060762-A	1 m~4 m	NCR	Dec. 07, 2024	NCR	Radiation (03CH04-KS)

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% ($U = 2Uc(y)$)	2.83 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.83 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.82 dB
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----- 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	22.76	22.85	22.61	0.0364	0.0372	0.0352
10	QPSK	1	25	22.59	22.72	22.55	0.0350	0.0361	0.0347
10	QPSK	1	49	22.71	22.73	22.53	0.0360	0.0361	0.0345
10	QPSK	25	0	22.62	22.78	22.48	0.0352	0.0366	0.0341
10	QPSK	25	12	22.70	22.77	22.48	0.0359	0.0365	0.0341
10	QPSK	25	25	22.66	22.68	22.44	0.0356	0.0357	0.0338
10	QPSK	50	0	22.66	22.70	22.43	0.0356	0.0359	0.0337
10	16QAM	1	0	22.60	22.82	22.56	0.0351	0.0369	0.0348
10	16QAM	1	25	22.61	22.67	22.53	0.0352	0.0356	0.0345
10	16QAM	1	49	22.67	22.73	22.50	0.0356	0.0361	0.0343
10	16QAM	25	0	21.73	21.92	21.60	0.0287	0.0300	0.0279
10	16QAM	25	12	21.82	21.83	21.61	0.0293	0.0294	0.0279
10	16QAM	25	25	21.80	21.87	21.57	0.0292	0.0296	0.0277
10	16QAM	50	0	21.76	21.84	21.62	0.0289	0.0294	0.0280
10	64QAM	1	0	21.72	21.87	21.62	0.0286	0.0296	0.0280
10	64QAM	1	25	21.82	21.92	21.63	0.0293	0.0300	0.0281
10	64QAM	1	49	21.82	21.91	21.68	0.0293	0.0299	0.0284
10	64QAM	25	0	20.69	20.78	20.68	0.0226	0.0231	0.0225
10	64QAM	25	12	20.80	20.86	20.60	0.0232	0.0235	0.0221
10	64QAM	25	25	20.74	20.88	20.56	0.0229	0.0236	0.0219
10	64QAM	50	0	20.69	20.92	20.58	0.0226	0.0238	0.0220
10	256QAM	1	0	18.74	18.82	18.62	0.0144	0.0147	0.0140
10	256QAM	1	25	18.77	18.86	18.63	0.0145	0.0148	0.0141
10	256QAM	1	49	18.70	18.83	18.55	0.0143	0.0147	0.0138
10	256QAM	25	0	18.77	18.84	18.55	0.0145	0.0148	0.0138
10	256QAM	25	12	18.72	18.82	18.64	0.0144	0.0147	0.0141
10	256QAM	25	25	18.78	18.79	18.62	0.0146	0.0146	0.0140
10	256QAM	50	0	18.68	18.78	18.55	0.0142	0.0146	0.0138
Channel				20425	20525	20625	ERP(W)		
Frequency (MHz)				826.5	836.5	846.5	L	M	H
5	QPSK	1	0	22.60	22.82	22.45	0.0351	0.0369	0.0339
5	QPSK	1	12	22.45	22.60	22.43	0.0339	0.0351	0.0337



5	QPSK	1	24	22.56	22.67	22.46	0.0348	0.0356	0.0340
5	QPSK	12	0	22.53	22.67	22.33	0.0345	0.0356	0.0330
5	QPSK	12	7	22.61	22.73	22.42	0.0352	0.0361	0.0337
5	QPSK	12	13	22.49	22.62	22.36	0.0342	0.0352	0.0332
5	QPSK	25	0	22.63	22.67	22.38	0.0353	0.0356	0.0333
5	16QAM	1	0	22.49	22.64	22.39	0.0342	0.0354	0.0334
5	16QAM	1	12	22.53	22.52	22.45	0.0345	0.0344	0.0339
5	16QAM	1	24	22.56	22.59	22.41	0.0348	0.0350	0.0336
5	16QAM	12	0	21.56	21.82	21.50	0.0276	0.0293	0.0272
5	16QAM	12	7	21.70	21.76	21.54	0.0285	0.0289	0.0275
5	16QAM	12	13	21.74	21.75	21.46	0.0288	0.0288	0.0270
5	16QAM	25	0	21.73	21.81	21.53	0.0287	0.0292	0.0274
5	64QAM	1	0	21.59	21.79	21.53	0.0278	0.0291	0.0274
5	64QAM	1	12	21.69	21.75	21.46	0.0284	0.0288	0.0270
5	64QAM	1	24	21.73	21.88	21.57	0.0287	0.0297	0.0277
5	64QAM	12	0	20.59	20.63	20.53	0.0221	0.0223	0.0218
5	64QAM	12	7	20.73	20.70	20.54	0.0228	0.0226	0.0218
5	64QAM	12	13	20.60	20.73	20.46	0.0221	0.0228	0.0214
5	64QAM	25	0	20.55	20.83	20.51	0.0219	0.0233	0.0217
5	256QAM	1	0	18.72	18.76	18.59	0.0144	0.0145	0.0139
5	256QAM	1	12	18.68	18.76	18.49	0.0142	0.0145	0.0136
5	256QAM	1	24	18.67	18.69	18.49	0.0142	0.0143	0.0136
5	256QAM	12	0	18.71	18.66	18.44	0.0143	0.0142	0.0135
5	256QAM	12	7	18.61	18.68	18.61	0.0140	0.0142	0.0140
5	256QAM	12	13	18.62	18.71	18.53	0.0140	0.0143	0.0137
5	256QAM	25	0	18.52	18.61	18.38	0.0137	0.0140	0.0133
Channel				20415	20525	20635	ERP(W)		
Frequency (MHz)				825.5	836.5	847.5	L	M	H
3	QPSK	1	0	22.59	22.72	22.45	0.0350	0.0361	0.0339
3	QPSK	1	8	22.51	22.63	22.43	0.0344	0.0353	0.0337
3	QPSK	1	14	22.59	22.60	22.40	0.0350	0.0351	0.0335
3	QPSK	8	0	22.56	22.64	22.40	0.0348	0.0354	0.0335
3	QPSK	8	4	22.52	22.73	22.42	0.0344	0.0361	0.0337
3	QPSK	8	7	22.57	22.61	22.38	0.0348	0.0352	0.0333
3	QPSK	15	0	22.59	22.52	22.35	0.0350	0.0344	0.0331
3	16QAM	1	0	22.57	22.78	22.40	0.0348	0.0366	0.0335
3	16QAM	1	8	22.52	22.59	22.40	0.0344	0.0350	0.0335
3	16QAM	1	14	22.52	22.65	22.37	0.0344	0.0355	0.0333
3	16QAM	8	0	21.65	21.79	21.45	0.0282	0.0291	0.0269
3	16QAM	8	4	21.77	21.71	21.49	0.0290	0.0286	0.0272
3	16QAM	8	7	21.73	21.79	21.44	0.0287	0.0291	0.0269
3	16QAM	15	0	21.64	21.74	21.48	0.0281	0.0288	0.0271
3	64QAM	1	0	21.66	21.72	21.57	0.0282	0.0286	0.0277
3	64QAM	1	8	21.68	21.79	21.53	0.0284	0.0291	0.0274
3	64QAM	1	14	21.78	21.81	21.61	0.0290	0.0292	0.0279
3	64QAM	8	0	20.58	20.66	20.59	0.0220	0.0224	0.0221
3	64QAM	8	4	20.78	20.78	20.46	0.0231	0.0231	0.0214



3	64QAM	8	7	20.70	20.85	20.52	0.0226	0.0234	0.0217
3	64QAM	15	0	20.54	20.86	20.56	0.0218	0.0235	0.0219
3	256QAM	1	0	18.69	18.71	18.45	0.0143	0.0143	0.0135
3	256QAM	1	8	18.60	18.76	18.56	0.0140	0.0145	0.0138
3	256QAM	1	14	18.55	18.70	18.49	0.0138	0.0143	0.0136
3	256QAM	8	0	18.61	18.76	18.52	0.0140	0.0145	0.0137
3	256QAM	8	4	18.59	18.70	18.58	0.0139	0.0143	0.0139
3	256QAM	8	7	18.61	18.74	18.45	0.0140	0.0144	0.0135
3	256QAM	15	0	18.56	18.76	18.46	0.0138	0.0145	0.0135
Channel				20407	20525	20643	ERP(W)		
Frequency (MHz)				824.7	836.5	848.3	L	M	H
1.4	QPSK	1	0	22.61	22.76	22.53	0.0352	0.0364	0.0345
1.4	QPSK	1	3	22.66	22.71	22.58	0.0356	0.0360	0.0349
1.4	QPSK	1	5	22.60	22.79	22.43	0.0351	0.0366	0.0337
1.4	QPSK	3	0	22.74	22.82	22.43	0.0362	0.0369	0.0337
1.4	QPSK	3	1	22.60	22.78	22.51	0.0351	0.0366	0.0344
1.4	QPSK	3	3	22.71	22.68	22.48	0.0360	0.0357	0.0341
1.4	QPSK	6	0	22.60	22.76	22.59	0.0351	0.0364	0.0350
1.4	16QAM	1	0	22.73	22.73	22.44	0.0361	0.0361	0.0338
1.4	16QAM	1	3	22.70	22.71	22.51	0.0359	0.0360	0.0344
1.4	16QAM	1	5	22.59	22.68	22.47	0.0350	0.0357	0.0340
1.4	16QAM	3	0	22.67	22.70	22.48	0.0356	0.0359	0.0341
1.4	16QAM	3	1	22.67	22.76	22.53	0.0356	0.0364	0.0345
1.4	16QAM	3	3	22.71	22.75	22.46	0.0360	0.0363	0.0340
1.4	16QAM	6	0	21.79	21.83	21.59	0.0291	0.0294	0.0278
1.4	64QAM	1	0	21.72	21.70	21.74	0.0286	0.0285	0.0288
1.4	64QAM	1	3	21.73	21.83	21.62	0.0287	0.0294	0.0280
1.4	64QAM	1	5	21.63	21.78	21.50	0.0281	0.0290	0.0272
1.4	64QAM	3	0	21.65	21.71	21.71	0.0282	0.0286	0.0286
1.4	64QAM	3	1	21.82	21.88	21.51	0.0293	0.0297	0.0273
1.4	64QAM	3	3	21.76	21.82	21.52	0.0289	0.0293	0.0274
1.4	64QAM	6	0	20.81	20.95	20.51	0.0232	0.0240	0.0217
1.4	256QAM	1	0	18.65	18.73	18.55	0.0141	0.0144	0.0138
1.4	256QAM	1	3	18.62	18.96	18.64	0.0140	0.0152	0.0141
1.4	256QAM	1	5	18.61	18.91	18.62	0.0140	0.0150	0.0140
1.4	256QAM	3	0	18.64	18.85	18.66	0.0141	0.0148	0.0142
1.4	256QAM	3	1	18.68	18.98	18.74	0.0142	0.0152	0.0144
1.4	256QAM	3	3	18.91	18.75	18.68	0.0150	0.0145	0.0142
1.4	256QAM	6	0	18.81	18.92	18.60	0.0147	0.0150	0.0140



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	23.06	23.10	23.07	0.0438	0.0442	0.0439
10	QPSK	1	25	22.95	23.05	22.95	0.0427	0.0437	0.0427
10	QPSK	1	49	22.95	23.01	22.95	0.0427	0.0433	0.0427
10	QPSK	25	0	22.97	23.06	22.97	0.0429	0.0438	0.0429
10	QPSK	25	12	22.98	22.98	22.97	0.0430	0.0430	0.0429
10	QPSK	25	25	23.00	23.03	22.99	0.0432	0.0435	0.0431
10	QPSK	50	0	22.94	23.00	22.99	0.0426	0.0432	0.0431
10	16QAM	1	0	23.01	23.00	23.00	0.0433	0.0432	0.0432
10	16QAM	1	25	22.92	23.03	22.95	0.0424	0.0435	0.0427
10	16QAM	1	49	22.98	23.00	22.97	0.0430	0.0432	0.0429
10	16QAM	25	0	21.93	22.02	21.92	0.0337	0.0344	0.0337
10	16QAM	25	12	22.05	22.19	22.18	0.0347	0.0358	0.0357
10	16QAM	25	25	22.07	22.07	22.18	0.0348	0.0348	0.0357
10	16QAM	50	0	22.14	21.99	22.06	0.0354	0.0342	0.0348
10	64QAM	1	0	22.12	22.21	22.14	0.0352	0.0360	0.0354
10	64QAM	1	25	21.91	22.00	21.98	0.0336	0.0343	0.0341
10	64QAM	1	49	22.16	22.08	21.92	0.0356	0.0349	0.0337
10	64QAM	25	0	21.09	21.17	21.06	0.0278	0.0283	0.0276
10	64QAM	25	12	20.92	20.97	21.01	0.0267	0.0270	0.0273
10	64QAM	25	25	21.11	21.02	21.21	0.0279	0.0274	0.0286
10	64QAM	50	0	21.20	21.14	21.21	0.0285	0.0281	0.0286
10	256QAM	1	0	18.93	19.03	18.94	0.0169	0.0173	0.0169
10	256QAM	1	25	18.97	19.23	18.97	0.0171	0.0181	0.0171
10	256QAM	1	49	19.14	19.06	19.04	0.0177	0.0174	0.0173
10	256QAM	25	0	19.04	19.08	19.11	0.0173	0.0175	0.0176
10	256QAM	25	12	19.11	18.99	19.05	0.0176	0.0171	0.0174
10	256QAM	25	25	19.02	19.11	19.06	0.0173	0.0176	0.0174
10	256QAM	50	0	19.03	19.04	19.18	0.0173	0.0173	0.0179
Channel				23035	23095	23155	ERP(W)		
Frequency (MHz)				701.5	707.5	713.5	L	M	H
5	QPSK	1	0	22.99	23.02	22.91	0.0431	0.0434	0.0423
5	QPSK	1	12	22.84	22.95	22.89	0.0416	0.0427	0.0421
5	QPSK	1	24	22.93	22.87	22.93	0.0425	0.0419	0.0425
5	QPSK	12	0	22.91	23.00	22.93	0.0423	0.0432	0.0425
5	QPSK	12	7	22.93	22.92	22.91	0.0425	0.0424	0.0423
5	QPSK	12	13	22.95	22.98	22.86	0.0427	0.0430	0.0418
5	QPSK	25	0	22.86	22.94	22.89	0.0418	0.0426	0.0421
5	16QAM	1	0	22.87	22.87	22.87	0.0419	0.0419	0.0419
5	16QAM	1	12	22.86	22.97	22.92	0.0418	0.0429	0.0424
5	16QAM	1	24	22.81	22.84	22.88	0.0413	0.0416	0.0420



5	16QAM	12	0	21.79	21.90	21.84	0.0327	0.0335	0.0330
5	16QAM	12	7	21.88	22.11	22.15	0.0333	0.0352	0.0355
5	16QAM	12	13	21.95	22.02	22.01	0.0339	0.0344	0.0344
5	16QAM	25	0	22.11	21.89	21.99	0.0352	0.0334	0.0342
5	64QAM	1	0	21.98	22.15	21.98	0.0341	0.0355	0.0341
5	64QAM	1	12	21.81	21.92	21.95	0.0328	0.0337	0.0339
5	64QAM	1	24	22.00	22.05	21.84	0.0343	0.0347	0.0330
5	64QAM	12	0	21.05	21.00	20.97	0.0275	0.0272	0.0270
5	64QAM	12	7	20.85	20.83	20.89	0.0263	0.0262	0.0265
5	64QAM	12	13	20.96	20.93	21.17	0.0270	0.0268	0.0283
5	64QAM	25	0	21.18	21.03	21.16	0.0284	0.0274	0.0282
5	256QAM	1	0	18.83	19.00	18.78	0.0165	0.0172	0.0163
5	256QAM	1	12	18.87	19.17	18.87	0.0167	0.0179	0.0167
5	256QAM	1	24	19.00	18.96	18.99	0.0172	0.0170	0.0171
5	256QAM	12	0	19.01	18.94	18.97	0.0172	0.0169	0.0171
5	256QAM	12	7	19.01	18.88	18.94	0.0172	0.0167	0.0169
5	256QAM	12	13	19.00	18.94	18.95	0.0172	0.0169	0.0170
5	256QAM	25	0	18.96	18.89	19.14	0.0170	0.0167	0.0177
Channel				23025	23095	23165	ERP(W)		
Frequency (MHz)				700.5	707.5	714.5	L	M	H
3	QPSK	1	0	22.90	22.96	23.03	0.0422	0.0428	0.0435
3	QPSK	1	8	22.85	23.00	22.83	0.0417	0.0432	0.0415
3	QPSK	1	14	22.90	22.96	22.79	0.0422	0.0428	0.0411
3	QPSK	8	0	22.90	23.03	22.87	0.0422	0.0435	0.0419
3	QPSK	8	4	22.95	22.83	22.92	0.0427	0.0415	0.0424
3	QPSK	8	7	22.91	22.92	22.87	0.0423	0.0424	0.0419
3	QPSK	15	0	22.91	22.88	22.94	0.0423	0.0420	0.0426
3	16QAM	1	0	22.90	22.85	22.84	0.0422	0.0417	0.0416
3	16QAM	1	8	22.76	22.95	22.84	0.0408	0.0427	0.0416
3	16QAM	1	14	22.81	22.82	22.90	0.0413	0.0414	0.0422
3	16QAM	8	0	21.77	21.92	21.84	0.0325	0.0337	0.0330
3	16QAM	8	4	22.00	22.12	22.04	0.0343	0.0352	0.0346
3	16QAM	8	7	21.99	21.94	22.12	0.0342	0.0338	0.0352
3	16QAM	15	0	21.97	21.87	22.02	0.0340	0.0333	0.0344
3	64QAM	1	0	22.00	22.11	21.98	0.0343	0.0352	0.0341
3	64QAM	1	8	21.79	21.83	21.86	0.0327	0.0330	0.0332
3	64QAM	1	14	22.10	22.01	21.89	0.0351	0.0344	0.0334
3	64QAM	8	0	20.96	21.06	21.03	0.0270	0.0276	0.0274
3	64QAM	8	4	20.75	20.84	20.94	0.0257	0.0262	0.0269
3	64QAM	8	7	21.08	20.93	21.14	0.0277	0.0268	0.0281
3	64QAM	15	0	21.07	21.00	21.14	0.0277	0.0272	0.0281
3	256QAM	1	0	18.81	18.91	18.86	0.0164	0.0168	0.0166
3	256QAM	1	8	18.92	19.14	18.82	0.0169	0.0177	0.0165
3	256QAM	1	14	19.10	18.98	18.91	0.0176	0.0171	0.0168
3	256QAM	8	0	18.88	18.92	19.05	0.0167	0.0169	0.0174
3	256QAM	8	4	19.01	18.95	18.90	0.0172	0.0170	0.0168
3	256QAM	8	7	18.95	19.03	19.03	0.0170	0.0173	0.0173



3	256QAM	15	0	18.89	18.99	19.11	0.0167	0.0171	0.0176
Channel				23017	23095	23173	ERP(W)		
Frequency (MHz)				699.7	707.5	715.3	L	M	H
1.4	QPSK	1	0	22.96	22.99	23.02	0.0428	0.0431	0.0434
1.4	QPSK	1	3	23.02	23.06	22.98	0.0434	0.0438	0.0430
1.4	QPSK	1	5	22.98	22.99	22.92	0.0430	0.0431	0.0424
1.4	QPSK	3	0	23.01	22.99	22.94	0.0433	0.0431	0.0426
1.4	QPSK	3	1	22.98	23.00	22.92	0.0430	0.0432	0.0424
1.4	QPSK	3	3	22.94	22.95	22.96	0.0426	0.0427	0.0428
1.4	QPSK	6	0	22.89	23.00	22.89	0.0421	0.0432	0.0421
1.4	16QAM	1	0	22.94	22.92	23.02	0.0426	0.0424	0.0434
1.4	16QAM	1	3	23.03	23.02	22.94	0.0435	0.0434	0.0426
1.4	16QAM	1	5	22.92	23.05	23.02	0.0424	0.0437	0.0434
1.4	16QAM	3	0	22.88	22.96	23.05	0.0420	0.0428	0.0437
1.4	16QAM	3	1	23.00	23.00	23.02	0.0432	0.0432	0.0434
1.4	16QAM	3	3	22.92	23.08	22.90	0.0424	0.0440	0.0422
1.4	16QAM	6	0	22.06	22.15	22.14	0.0348	0.0355	0.0354
1.4	64QAM	1	0	22.08	22.07	21.99	0.0349	0.0348	0.0342
1.4	64QAM	1	3	22.01	22.03	21.93	0.0344	0.0345	0.0337
1.4	64QAM	1	5	22.08	21.95	22.11	0.0349	0.0339	0.0352
1.4	64QAM	3	0	22.10	22.17	22.01	0.0351	0.0356	0.0344
1.4	64QAM	3	1	22.06	22.14	21.98	0.0348	0.0354	0.0341
1.4	64QAM	3	3	22.21	22.08	21.98	0.0360	0.0349	0.0341
1.4	64QAM	6	0	21.17	21.14	21.21	0.0283	0.0281	0.0286
1.4	256QAM	1	0	18.93	19.17	19.12	0.0169	0.0179	0.0177
1.4	256QAM	1	3	19.18	19.21	18.97	0.0179	0.0180	0.0171
1.4	256QAM	1	5	19.08	19.06	18.99	0.0175	0.0174	0.0171
1.4	256QAM	3	0	19.17	19.05	19.07	0.0179	0.0174	0.0175
1.4	256QAM	3	1	19.01	19.19	18.98	0.0172	0.0179	0.0171
1.4	256QAM	3	3	18.91	19.19	19.06	0.0168	0.0179	0.0174
1.4	256QAM	6	0	19.17	19.07	19.17	0.0179	0.0175	0.0179



LTE Band 13_ANT1:

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		22.85			0.0513	
10	QPSK	1	25		22.75			0.0501	
10	QPSK	1	49		22.68			0.0493	
10	QPSK	25	0		21.84			0.0406	
10	QPSK	25	12		21.82			0.0405	
10	QPSK	25	25		21.74			0.0397	
10	QPSK	50	0		21.79			0.0402	
10	16QAM	1	0		21.71			0.0394	
10	16QAM	1	25		21.93			0.0415	
10	16QAM	1	49		21.89			0.0411	
10	16QAM	25	0		20.87			0.0325	
10	16QAM	25	12		20.74			0.0316	
10	16QAM	25	25		20.80			0.0320	
10	16QAM	50	0		20.97			0.0333	
10	64QAM	1	0		20.91			0.0328	
10	64QAM	1	25		20.91			0.0328	
10	64QAM	1	49		20.71			0.0313	
10	64QAM	25	0		19.73			0.0250	
10	64QAM	25	12		19.80			0.0254	
10	64QAM	25	25		19.76			0.0252	
10	64QAM	50	0		19.79			0.0254	
10	256QAM	1	0		17.96			0.0166	
10	256QAM	1	25		17.76			0.0159	
10	256QAM	1	49		18.00			0.0168	
10	256QAM	25	0		17.94			0.0166	
10	256QAM	25	12		17.80			0.0160	
10	256QAM	25	25		17.87			0.0163	
10	256QAM	50	0		17.74			0.0158	
Channel				23205	23230	23255	ERP(W)		
Frequency (MHz)				779.5	782	784.5	L	M	H
5	QPSK	1	0	22.62	22.74	22.74	0.0486	0.0500	0.0500
5	QPSK	1	12	22.65	22.62	22.44	0.0490	0.0486	0.0467
5	QPSK	1	24	22.52	22.62	22.61	0.0475	0.0486	0.0485
5	QPSK	12	0	21.52	21.70	21.53	0.0378	0.0394	0.0378
5	QPSK	12	7	21.63	21.75	21.64	0.0387	0.0398	0.0388
5	QPSK	12	13	21.54	21.62	21.72	0.0379	0.0386	0.0395
5	QPSK	25	0	21.50	21.65	21.65	0.0376	0.0389	0.0389
5	16QAM	1	0	21.75	21.62	21.73	0.0398	0.0386	0.0396
5	16QAM	1	12	21.71	21.90	21.76	0.0394	0.0412	0.0399
5	16QAM	1	24	21.86	21.76	21.73	0.0408	0.0399	0.0396



5	16QAM	12	0	20.68	20.74	20.56	0.0311	0.0316	0.0303
5	16QAM	12	7	20.74	20.63	20.76	0.0316	0.0308	0.0317
5	16QAM	12	13	20.58	20.67	20.78	0.0304	0.0310	0.0318
5	16QAM	25	0	20.78	20.94	20.74	0.0318	0.0330	0.0316
5	64QAM	1	0	20.57	20.80	20.68	0.0303	0.0320	0.0311
5	64QAM	1	12	20.72	20.89	20.73	0.0314	0.0327	0.0315
5	64QAM	1	24	20.74	20.54	20.84	0.0316	0.0301	0.0323
5	64QAM	12	0	19.54	19.56	19.77	0.0239	0.0240	0.0252
5	64QAM	12	7	19.56	19.70	19.58	0.0240	0.0248	0.0242
5	64QAM	12	13	19.47	19.61	19.68	0.0236	0.0243	0.0247
5	64QAM	25	0	19.61	19.67	19.56	0.0243	0.0247	0.0240
5	256QAM	1	0	17.73	17.94	17.50	0.0158	0.0166	0.0150
5	256QAM	1	12	17.59	17.67	17.58	0.0153	0.0156	0.0152
5	256QAM	1	24	17.73	17.98	17.66	0.0158	0.0167	0.0155
5	256QAM	12	0	17.77	17.83	17.88	0.0159	0.0161	0.0163
5	256QAM	12	7	17.59	17.66	17.65	0.0153	0.0155	0.0155
5	256QAM	12	13	17.76	17.78	17.75	0.0159	0.0160	0.0158
5	256QAM	25	0	17.58	17.72	17.58	0.0152	0.0157	0.0152

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	23.08	23.09	23.02	0.0440	0.0441	0.0434
10	QPSK	1	25	22.91	23.02	22.96	0.0423	0.0434	0.0428
10	QPSK	1	49	22.97	23.01	22.98	0.0429	0.0433	0.0430
10	QPSK	25	0	23.04	23.05	22.94	0.0436	0.0437	0.0426
10	QPSK	25	12	23.02	22.99	22.87	0.0434	0.0431	0.0419
10	QPSK	25	25	23.03	23.01	22.85	0.0435	0.0433	0.0417
10	QPSK	50	0	22.93	23.02	22.90	0.0425	0.0434	0.0422
10	16QAM	1	0	23.03	23.00	23.00	0.0435	0.0432	0.0432
10	16QAM	1	25	22.90	22.94	22.85	0.0422	0.0426	0.0417
10	16QAM	1	49	23.00	22.99	22.92	0.0432	0.0431	0.0424
10	16QAM	25	0	22.16	22.17	21.88	0.0356	0.0356	0.0333
10	16QAM	25	12	21.99	22.14	22.17	0.0342	0.0354	0.0356
10	16QAM	25	25	21.96	22.06	22.06	0.0340	0.0348	0.0348
10	16QAM	50	0	22.03	22.06	21.99	0.0345	0.0348	0.0342
10	64QAM	1	0	22.23	22.20	22.17	0.0361	0.0359	0.0356
10	64QAM	1	25	21.99	21.99	22.12	0.0342	0.0342	0.0352
10	64QAM	1	49	22.21	22.07	22.15	0.0360	0.0348	0.0355
10	64QAM	25	0	21.20	21.00	20.91	0.0285	0.0272	0.0267
10	64QAM	25	12	21.08	21.04	21.06	0.0277	0.0275	0.0276
10	64QAM	25	25	21.08	20.96	21.15	0.0277	0.0270	0.0282
10	64QAM	50	0	21.20	21.06	20.90	0.0285	0.0276	0.0266



10	256QAM	1	0	19.01	19.16	19.09	0.0172	0.0178	0.0175
10	256QAM	1	25	19.09	19.07	19.05	0.0175	0.0175	0.0174
10	256QAM	1	49	19.15	18.96	18.96	0.0178	0.0170	0.0170
10	256QAM	25	0	19.09	19.21	19.10	0.0175	0.0180	0.0176
10	256QAM	25	12	19.19	19.16	18.99	0.0179	0.0178	0.0171
10	256QAM	25	25	18.98	19.16	19.02	0.0171	0.0178	0.0173
10	256QAM	50	0	18.96	19.02	19.13	0.0170	0.0173	0.0177
Channel				23755	23790	23825	ERP(W)		
Frequency (MHz)				706.5	710	713.5	L	M	H
5	QPSK	1	0	22.92	22.98	22.91	0.0424	0.0430	0.0423
5	QPSK	1	12	22.88	22.92	22.92	0.0420	0.0424	0.0424
5	QPSK	1	24	22.84	22.89	22.83	0.0416	0.0421	0.0415
5	QPSK	12	0	22.93	23.02	22.88	0.0425	0.0434	0.0420
5	QPSK	12	7	22.90	22.93	22.84	0.0422	0.0425	0.0416
5	QPSK	12	13	22.91	22.87	22.79	0.0423	0.0419	0.0411
5	QPSK	25	0	22.80	22.86	22.88	0.0412	0.0418	0.0420
5	16QAM	1	0	22.94	22.97	22.86	0.0426	0.0429	0.0418
5	16QAM	1	12	22.85	22.86	22.77	0.0417	0.0418	0.0409
5	16QAM	1	24	22.96	22.93	22.88	0.0428	0.0425	0.0420
5	16QAM	12	0	21.98	22.02	21.80	0.0341	0.0344	0.0327
5	16QAM	12	7	21.90	22.11	22.06	0.0335	0.0352	0.0348
5	16QAM	12	13	21.81	21.89	22.03	0.0328	0.0334	0.0345
5	16QAM	25	0	21.96	22.02	21.86	0.0340	0.0344	0.0332
5	64QAM	1	0	22.07	22.08	22.06	0.0348	0.0349	0.0348
5	64QAM	1	12	21.87	21.83	22.03	0.0333	0.0330	0.0345
5	64QAM	1	24	22.19	21.97	22.03	0.0358	0.0340	0.0345
5	64QAM	12	0	21.06	20.85	20.80	0.0276	0.0263	0.0260
5	64QAM	12	7	21.01	20.88	20.95	0.0273	0.0265	0.0269
5	64QAM	12	13	21.01	20.87	21.05	0.0273	0.0264	0.0275
5	64QAM	25	0	21.07	20.88	20.75	0.0277	0.0265	0.0257
5	256QAM	1	0	18.96	19.05	19.06	0.0170	0.0174	0.0174
5	256QAM	1	12	18.91	18.97	18.93	0.0168	0.0171	0.0169
5	256QAM	1	24	19.03	18.88	18.82	0.0173	0.0167	0.0165
5	256QAM	12	0	18.99	19.18	18.99	0.0171	0.0179	0.0171
5	256QAM	12	7	19.15	19.02	18.84	0.0178	0.0173	0.0166
5	256QAM	12	13	18.89	19.11	18.87	0.0167	0.0176	0.0167
5	256QAM	25	0	18.80	18.85	19.01	0.0164	0.0166	0.0172



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	22.76	22.76	22.94	22.75	0.0364	0.0364	0.0379	0.0363
15	QPSK	1	37	22.69	22.69	22.85	22.61	0.0358	0.0358	0.0372	0.0352
15	QPSK	1	74	22.71	22.71	22.91	22.68	0.0360	0.0360	0.0377	0.0357
15	QPSK	36	0	22.66	22.66	22.90	22.61	0.0356	0.0356	0.0376	0.0352
15	QPSK	36	20	22.58	22.58	22.82	22.60	0.0349	0.0349	0.0369	0.0351
15	QPSK	36	39	22.68	22.68	22.84	22.61	0.0357	0.0357	0.0371	0.0352
15	QPSK	75	0	22.63	22.63	22.87	22.68	0.0353	0.0353	0.0373	0.0357
15	16QAM	1	0	22.62	22.62	22.78	22.58	0.0352	0.0352	0.0366	0.0349
15	16QAM	1	37	22.59	22.59	22.89	22.65	0.0350	0.0350	0.0375	0.0355
15	16QAM	1	74	22.64	22.64	22.82	22.73	0.0354	0.0354	0.0369	0.0361
15	16QAM	36	0	21.74	21.74	21.82	21.82	0.0288	0.0288	0.0293	0.0293
15	16QAM	36	20	21.64	21.64	22.00	21.66	0.0281	0.0281	0.0305	0.0282
15	16QAM	36	39	21.65	21.65	22.00	21.65	0.0282	0.0282	0.0305	0.0282
15	16QAM	75	0	21.70	21.70	22.09	21.83	0.0285	0.0285	0.0312	0.0294
15	64QAM	1	0	21.65	21.65	21.91	21.67	0.0282	0.0282	0.0299	0.0283
15	64QAM	1	37	21.75	21.75	21.90	21.89	0.0288	0.0288	0.0299	0.0298
15	64QAM	1	74	21.81	21.81	22.09	21.77	0.0292	0.0292	0.0312	0.0290
15	64QAM	36	0	20.77	20.77	20.85	20.60	0.0230	0.0230	0.0234	0.0221
15	64QAM	36	20	20.61	20.61	20.80	20.85	0.0222	0.0222	0.0232	0.0234
15	64QAM	36	39	20.67	20.67	20.93	20.86	0.0225	0.0225	0.0239	0.0235
15	64QAM	75	0	20.90	20.90	21.09	20.67	0.0237	0.0237	0.0248	0.0225
15	256QAM	1	0	18.83	18.83	18.97	18.78	0.0147	0.0147	0.0152	0.0146
15	256QAM	1	37	18.77	18.77	18.96	18.73	0.0145	0.0145	0.0152	0.0144
15	256QAM	1	74	18.66	18.66	19.04	18.83	0.0142	0.0142	0.0155	0.0147
15	256QAM	36	0	18.68	18.68	18.88	18.66	0.0142	0.0142	0.0149	0.0142
15	256QAM	36	20	18.90	18.90	19.06	18.63	0.0150	0.0150	0.0155	0.0141
15	256QAM	36	39	18.61	18.61	19.09	18.61	0.0140	0.0140	0.0156	0.0140
15	256QAM	75	0	18.82	18.82	19.00	18.66	0.0147	0.0147	0.0153	0.0142
Channel				26790	26840	26915	26990	ERP(W)			
Frequency (MHz)				824	829	836.5	844	Straddle Ch	L	M	H
10	QPSK	1	0		22.59	22.87	22.60		0.0350	0.0373	0.0351
10	QPSK	1	25		22.61	22.82	22.44		0.0352	0.0369	0.0338
10	QPSK	1	49		22.69	22.74	22.64		0.0358	0.0362	0.0354
10	QPSK	25	0		22.54	22.74	22.55		0.0346	0.0362	0.0347
10	QPSK	25	12		22.55	22.80	22.43		0.0347	0.0367	0.0337
10	QPSK	25	25		22.53	22.72	22.55		0.0345	0.0361	0.0347
10	QPSK	50	0		22.57	22.79	22.65		0.0348	0.0366	0.0355
10	16QAM	1	0		22.60	22.62	22.46		0.0351	0.0352	0.0340
10	16QAM	1	25		22.44	22.75	22.49		0.0338	0.0363	0.0342
10	16QAM	1	49		22.55	22.75	22.59		0.0347	0.0363	0.0350



10	16QAM	25	0		21.67	21.73	21.65		0.0283	0.0287	0.0282
10	16QAM	25	12		21.51	21.96	21.60		0.0273	0.0303	0.0279
10	16QAM	25	25		21.48	21.97	21.51		0.0271	0.0303	0.0273
10	16QAM	50	0		21.66	22.07	21.81		0.0282	0.0310	0.0292
10	64QAM	1	0		21.60	21.78	21.61		0.0279	0.0290	0.0279
10	64QAM	1	25		21.57	21.84	21.77		0.0277	0.0294	0.0290
10	64QAM	1	49		21.77	22.04	21.64		0.0290	0.0308	0.0281
10	64QAM	25	0		20.61	20.76	20.48		0.0222	0.0230	0.0215
10	64QAM	25	12		20.49	20.72	20.72		0.0216	0.0228	0.0228
10	64QAM	25	25		20.64	20.82	20.69		0.0223	0.0233	0.0226
10	64QAM	50	0		20.81	20.93	20.56		0.0232	0.0239	0.0219
10	256QAM	1	0		18.76	18.92	18.69		0.0145	0.0150	0.0143
10	256QAM	1	25		18.65	18.89	18.55		0.0141	0.0149	0.0138
10	256QAM	1	49		18.56	18.95	18.78		0.0138	0.0151	0.0146
10	256QAM	25	0		18.66	18.83	18.58		0.0142	0.0147	0.0139
10	256QAM	25	12		18.85	18.93	18.52		0.0148	0.0151	0.0137
10	256QAM	25	25		18.53	18.92	18.56		0.0137	0.0150	0.0138
10	256QAM	50	0		18.69	18.92	18.51		0.0143	0.0150	0.0137
Channel				26790	26815	26915	27015	ERP(W)			
Frequency (MHz)				824	826.5	836.5	846.5	Straddle Ch	L	M	H
5	QPSK	1	0		22.67	22.91	22.63		0.0356	0.0377	0.0353
5	QPSK	1	12		22.59	22.68	22.51		0.0350	0.0357	0.0344
5	QPSK	1	24		22.62	22.86	22.59		0.0352	0.0372	0.0350
5	QPSK	12	0		22.61	22.77	22.48		0.0352	0.0365	0.0341
5	QPSK	12	7		22.43	22.76	22.47		0.0337	0.0364	0.0340
5	QPSK	12	13		22.64	22.68	22.52		0.0354	0.0357	0.0344
5	QPSK	25	0		22.56	22.73	22.64		0.0348	0.0361	0.0354
5	16QAM	1	0		22.48	22.67	22.56		0.0341	0.0356	0.0348
5	16QAM	1	12		22.44	22.78	22.49		0.0338	0.0366	0.0342
5	16QAM	1	24		22.60	22.68	22.61		0.0351	0.0357	0.0352
5	16QAM	12	0		21.61	21.69	21.65		0.0279	0.0284	0.0282
5	16QAM	12	7		21.49	21.94	21.58		0.0272	0.0301	0.0277
5	16QAM	12	13		21.49	21.83	21.59		0.0272	0.0294	0.0278
5	16QAM	25	0		21.53	21.92	21.72		0.0274	0.0300	0.0286
5	64QAM	1	0		21.60	21.85	21.61		0.0279	0.0295	0.0279
5	64QAM	1	12		21.63	21.80	21.72		0.0281	0.0292	0.0286
5	64QAM	1	24		21.71	22.01	21.63		0.0286	0.0306	0.0281
5	64QAM	12	0		20.73	20.67	20.43		0.0228	0.0225	0.0213
5	64QAM	12	7		20.56	20.74	20.78		0.0219	0.0229	0.0231
5	64QAM	12	13		20.54	20.89	20.80		0.0218	0.0237	0.0232
5	64QAM	25	0		20.79	20.96	20.56		0.0231	0.0240	0.0219
5	256QAM	1	0		18.68	18.87	18.72		0.0142	0.0149	0.0144
5	256QAM	1	12		18.69	18.83	18.59		0.0143	0.0147	0.0139
5	256QAM	1	24		18.55	18.90	18.78		0.0138	0.0150	0.0146
5	256QAM	12	0		18.83	18.93	18.73		0.0147	0.0151	0.0144
5	256QAM	12	7		18.74	18.87	18.87		0.0144	0.0149	0.0149
5	256QAM	12	13		18.70	18.99	18.90		0.0143	0.0153	0.0150



5	256QAM	25	0		18.67	18.98	18.58		0.0142	0.0152	0.0139
Channel				26790	26815	26915	27025	ERP(W)			
Frequency (MHz)				824	825.5	836.5	847.5	Straddle Ch	L	M	H
3	QPSK	1	0		22.73	22.88	22.72		0.0361	0.0374	0.0361
3	QPSK	1	8		22.57	22.72	22.58		0.0348	0.0361	0.0349
3	QPSK	1	14		22.59	22.81	22.54		0.0350	0.0368	0.0346
3	QPSK	8	0		22.50	22.74	22.56		0.0343	0.0362	0.0348
3	QPSK	8	4		22.43	22.73	22.54		0.0337	0.0361	0.0346
3	QPSK	8	7		22.63	22.77	22.44		0.0353	0.0365	0.0338
3	QPSK	15	0		22.58	22.81	22.58		0.0349	0.0368	0.0349
3	16QAM	1	0		22.56	22.66	22.46		0.0348	0.0356	0.0340
3	16QAM	1	8		22.54	22.73	22.47		0.0346	0.0361	0.0340
3	16QAM	1	14		22.51	22.75	22.70		0.0344	0.0363	0.0359
3	16QAM	8	0		21.63	21.66	21.79		0.0281	0.0282	0.0291
3	16QAM	8	4		21.54	21.86	21.62		0.0275	0.0296	0.0280
3	16QAM	8	7		21.54	21.82	21.58		0.0275	0.0293	0.0277
3	16QAM	15	0		21.54	21.95	21.69		0.0275	0.0302	0.0284
3	64QAM	1	0		21.58	21.74	21.57		0.0277	0.0288	0.0277
3	64QAM	1	8		21.66	21.73	21.77		0.0282	0.0287	0.0290
3	64QAM	1	14		21.73	22.06	21.61		0.0287	0.0310	0.0279
3	64QAM	8	0		20.70	20.71	20.52		0.0226	0.0227	0.0217
3	64QAM	8	4		20.47	20.64	20.79		0.0215	0.0223	0.0231
3	64QAM	8	7		20.50	20.83	20.80		0.0216	0.0233	0.0232
3	64QAM	15	0		20.85	21.03	20.60		0.0234	0.0244	0.0221
3	256QAM	1	0		18.70	18.90	18.64		0.0143	0.0150	0.0141
3	256QAM	1	8		18.67	18.85	18.65		0.0142	0.0148	0.0141
3	256QAM	1	14		18.55	18.90	18.80		0.0138	0.0150	0.0146
3	256QAM	8	0		18.66	18.86	18.79		0.0142	0.0148	0.0146
3	256QAM	8	4		18.67	19.00	18.75		0.0142	0.0153	0.0145
3	256QAM	8	7		18.68	18.89	18.62		0.0142	0.0149	0.0140
3	256QAM	15	0		18.70	18.91	18.60		0.0143	0.0150	0.0140
Channel				26790	26797	26915	27033	ERP(W)			
Frequency (MHz)				824	824.7	836.5	848.3	Straddle Ch	L	M	H
1.4	QPSK	1	0		22.71	22.79	22.70		0.0360	0.0366	0.0359
1.4	QPSK	1	3		22.59	22.92	22.69		0.0350	0.0378	0.0358
1.4	QPSK	1	5		22.62	22.83	22.59		0.0352	0.0370	0.0350
1.4	QPSK	3	0		22.63	22.87	22.68		0.0353	0.0373	0.0357
1.4	QPSK	3	1		22.65	22.80	22.60		0.0355	0.0367	0.0351
1.4	QPSK	3	3		22.67	22.83	22.73		0.0356	0.0370	0.0361
1.4	QPSK	6	0		22.71	22.83	22.66		0.0360	0.0370	0.0356
1.4	16QAM	1	0		22.73	22.86	22.72		0.0361	0.0372	0.0361
1.4	16QAM	1	3		22.63	22.90	22.65		0.0353	0.0376	0.0355
1.4	16QAM	1	5		22.60	22.77	22.71		0.0351	0.0365	0.0360
1.4	16QAM	3	0		22.71	22.89	22.60		0.0360	0.0375	0.0351
1.4	16QAM	3	1		22.73	22.83	22.67		0.0361	0.0370	0.0356
1.4	16QAM	3	3		22.66	22.82	22.58		0.0356	0.0369	0.0349
1.4	16QAM	6	0		21.87	21.80	21.79		0.0296	0.0292	0.0291



1.4	64QAM	1	0		21.87	21.86	21.66		0.0296	0.0296	0.0282
1.4	64QAM	1	3		21.76	22.07	21.75		0.0289	0.0310	0.0288
1.4	64QAM	1	5		21.71	22.04	21.66		0.0286	0.0308	0.0282
1.4	64QAM	3	0		21.66	21.84	21.82		0.0282	0.0294	0.0293
1.4	64QAM	3	1		21.77	21.98	21.77		0.0290	0.0304	0.0290
1.4	64QAM	3	3		21.74	21.81	21.83		0.0288	0.0292	0.0294
1.4	64QAM	6	0		20.69	21.03	20.86		0.0226	0.0244	0.0235
1.4	256QAM	1	0		18.68	18.84	18.68		0.0142	0.0148	0.0142
1.4	256QAM	1	3		18.82	18.81	18.88		0.0147	0.0147	0.0149
1.4	256QAM	1	5		18.77	18.90	18.69		0.0145	0.0150	0.0143
1.4	256QAM	3	0		18.81	19.06	18.75		0.0147	0.0155	0.0145
1.4	256QAM	3	1		18.89	18.83	18.60		0.0149	0.0147	0.0140
1.4	256QAM	3	3		18.86	18.97	18.81		0.0148	0.0152	0.0147
1.4	256QAM	6	0		18.84	18.91	18.79		0.0148	0.0150	0.0146

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	22.82	22.98	22.91	0.0369	0.0383	0.0377
20	QPSK	1	49	22.70	22.83	22.83	0.0359	0.0370	0.0370
20	QPSK	1	99	22.79	22.88	22.78	0.0366	0.0374	0.0366
20	QPSK	50	0	22.66	22.89	22.78	0.0356	0.0375	0.0366
20	QPSK	50	24	22.80	22.86	22.80	0.0367	0.0372	0.0367
20	QPSK	50	50	22.68	22.88	22.87	0.0357	0.0374	0.0373
20	QPSK	100	0	22.78	22.85	22.83	0.0366	0.0372	0.0370
20	16QAM	1	0	22.77	22.92	22.77	0.0365	0.0378	0.0365
20	16QAM	1	49	22.75	22.83	22.79	0.0363	0.0370	0.0366
20	16QAM	1	99	22.79	22.86	22.88	0.0366	0.0372	0.0374
20	16QAM	50	0	21.78	21.83	21.83	0.0290	0.0294	0.0294
20	16QAM	50	24	21.94	21.95	21.90	0.0301	0.0302	0.0299
20	16QAM	50	50	21.91	21.90	21.96	0.0299	0.0299	0.0303
20	16QAM	100	0	21.94	22.07	22.01	0.0301	0.0310	0.0306
20	64QAM	1	0	21.83	21.99	21.81	0.0294	0.0305	0.0292
20	64QAM	1	49	21.84	22.10	21.78	0.0294	0.0313	0.0290
20	64QAM	1	99	21.78	22.03	21.94	0.0290	0.0308	0.0301
20	64QAM	50	0	20.84	21.10	21.01	0.0234	0.0248	0.0243
20	64QAM	50	24	20.96	20.92	20.95	0.0240	0.0238	0.0240
20	64QAM	50	50	20.86	21.03	20.94	0.0235	0.0244	0.0239
20	64QAM	100	0	20.87	20.93	20.99	0.0236	0.0239	0.0242
20	256QAM	1	0	18.79	18.88	18.82	0.0146	0.0149	0.0147
20	256QAM	1	49	18.95	19.09	18.92	0.0151	0.0156	0.0150
20	256QAM	1	99	18.90	19.11	18.94	0.0150	0.0157	0.0151
20	256QAM	50	0	18.68	19.07	18.92	0.0142	0.0156	0.0150



20	256QAM	50	24	18.80	19.11	18.95	0.0146	0.0157	0.0151
20	256QAM	50	50	18.89	19.09	19.04	0.0149	0.0156	0.0155
20	256QAM	100	0	18.82	18.84	18.90	0.0147	0.0148	0.0150
Channel				133197	133297	133397	ERP(W)		
Frequency (MHz)				670.5	680.5	690.5	L	M	H
15	QPSK	1	0	22.77	22.88	22.74	0.0365	0.0374	0.0362
15	QPSK	1	37	22.67	22.67	22.69	0.0356	0.0356	0.0358
15	QPSK	1	74	22.72	22.83	22.71	0.0361	0.0370	0.0360
15	QPSK	36	0	22.48	22.73	22.69	0.0341	0.0361	0.0358
15	QPSK	36	20	22.76	22.73	22.65	0.0364	0.0361	0.0355
15	QPSK	36	39	22.62	22.71	22.69	0.0352	0.0360	0.0358
15	QPSK	75	0	22.64	22.81	22.81	0.0354	0.0368	0.0368
15	16QAM	1	0	22.70	22.87	22.64	0.0359	0.0373	0.0354
15	16QAM	1	37	22.67	22.78	22.70	0.0356	0.0366	0.0359
15	16QAM	1	74	22.67	22.68	22.75	0.0356	0.0357	0.0363
15	16QAM	36	0	21.61	21.75	21.77	0.0279	0.0288	0.0290
15	16QAM	36	20	21.90	21.91	21.82	0.0299	0.0299	0.0293
15	16QAM	36	39	21.82	21.78	21.81	0.0293	0.0290	0.0292
15	16QAM	75	0	21.91	22.03	21.91	0.0299	0.0308	0.0299
15	64QAM	1	0	21.79	21.94	21.78	0.0291	0.0301	0.0290
15	64QAM	1	37	21.70	21.98	21.75	0.0285	0.0304	0.0288
15	64QAM	1	74	21.69	21.93	21.85	0.0284	0.0301	0.0295
15	64QAM	36	0	20.72	20.99	20.93	0.0228	0.0242	0.0239
15	64QAM	36	20	20.79	20.87	20.78	0.0231	0.0236	0.0231
15	64QAM	36	39	20.79	20.90	20.83	0.0231	0.0237	0.0233
15	64QAM	75	0	20.84	20.84	20.92	0.0234	0.0234	0.0238
15	256QAM	1	0	18.76	18.74	18.75	0.0145	0.0144	0.0145
15	256QAM	1	37	18.88	18.96	18.80	0.0149	0.0152	0.0146
15	256QAM	1	74	18.83	19.06	18.84	0.0147	0.0155	0.0148
15	256QAM	36	0	18.61	18.96	18.88	0.0140	0.0152	0.0149
15	256QAM	36	20	18.72	19.06	18.86	0.0144	0.0155	0.0148
15	256QAM	36	39	18.79	18.94	18.90	0.0146	0.0151	0.0150
15	256QAM	75	0	18.70	18.71	18.77	0.0143	0.0143	0.0145
Channel				133172	133272	133422	ERP(W)		
Frequency (MHz)				668	678	693	L	M	H
10	QPSK	1	0	22.71	22.93	22.75	0.0360	0.0378	0.0363
10	QPSK	1	25	22.53	22.68	22.75	0.0345	0.0357	0.0363
10	QPSK	1	49	22.63	22.81	22.64	0.0353	0.0368	0.0354
10	QPSK	25	0	22.61	22.73	22.73	0.0352	0.0361	0.0361
10	QPSK	25	12	22.71	22.74	22.77	0.0360	0.0362	0.0365
10	QPSK	25	25	22.64	22.76	22.73	0.0354	0.0364	0.0361
10	QPSK	50	0	22.70	22.82	22.75	0.0359	0.0369	0.0363
10	16QAM	1	0	22.64	22.90	22.61	0.0354	0.0376	0.0352
10	16QAM	1	25	22.59	22.65	22.75	0.0350	0.0355	0.0363
10	16QAM	1	49	22.76	22.77	22.80	0.0364	0.0365	0.0367
10	16QAM	25	0	21.71	21.77	21.67	0.0286	0.0290	0.0283
10	16QAM	25	12	21.86	21.85	21.75	0.0296	0.0295	0.0288



10	16QAM	25	25	21.75	21.82	21.91	0.0288	0.0293	0.0299
10	16QAM	50	0	21.86	21.92	21.94	0.0296	0.0300	0.0301
10	64QAM	1	0	21.73	21.92	21.68	0.0287	0.0300	0.0284
10	64QAM	1	25	21.73	22.00	21.72	0.0287	0.0305	0.0286
10	64QAM	1	49	21.68	21.96	21.88	0.0284	0.0303	0.0297
10	64QAM	25	0	20.70	21.06	20.95	0.0226	0.0246	0.0240
10	64QAM	25	12	20.87	20.86	20.78	0.0236	0.0235	0.0231
10	64QAM	25	25	20.70	21.00	20.84	0.0226	0.0243	0.0234
10	64QAM	50	0	20.70	20.91	20.88	0.0226	0.0238	0.0236
10	256QAM	1	0	18.65	18.74	18.67	0.0141	0.0144	0.0142
10	256QAM	1	25	18.83	18.93	18.82	0.0147	0.0151	0.0147
10	256QAM	1	49	18.77	19.08	18.90	0.0145	0.0156	0.0150
10	256QAM	25	0	18.61	19.04	18.80	0.0140	0.0155	0.0146
10	256QAM	25	12	18.70	18.93	18.80	0.0143	0.0151	0.0146
10	256QAM	25	25	18.79	18.94	18.92	0.0146	0.0151	0.0150
10	256QAM	50	0	18.70	18.74	18.86	0.0143	0.0144	0.0148
Channel				133147	133247	133447	ERP(W)		
Frequency (MHz)				665.5	675.5	695.5	L	M	H
5	QPSK	1	0	22.69	22.87	22.79	0.0358	0.0373	0.0366
5	QPSK	1	12	22.66	22.73	22.76	0.0356	0.0361	0.0364
5	QPSK	1	24	22.73	22.78	22.71	0.0361	0.0366	0.0360
5	QPSK	12	0	22.61	22.80	22.64	0.0352	0.0367	0.0354
5	QPSK	12	7	22.67	22.79	22.70	0.0356	0.0366	0.0359
5	QPSK	12	13	22.61	22.76	22.78	0.0352	0.0364	0.0366
5	QPSK	25	0	22.70	22.80	22.72	0.0359	0.0367	0.0361
5	16QAM	1	0	22.73	22.87	22.66	0.0361	0.0373	0.0356
5	16QAM	1	12	22.63	22.70	22.72	0.0353	0.0359	0.0361
5	16QAM	1	24	22.70	22.83	22.84	0.0359	0.0370	0.0371
5	16QAM	12	0	21.75	21.79	21.66	0.0288	0.0291	0.0282
5	16QAM	12	7	21.78	21.89	21.79	0.0290	0.0298	0.0291
5	16QAM	12	13	21.76	21.76	21.93	0.0289	0.0289	0.0301
5	16QAM	25	0	21.91	22.02	21.86	0.0299	0.0307	0.0296
5	64QAM	1	0	21.67	21.95	21.73	0.0283	0.0302	0.0287
5	64QAM	1	12	21.79	21.96	21.61	0.0291	0.0303	0.0279
5	64QAM	1	24	21.74	21.98	21.87	0.0288	0.0304	0.0296
5	64QAM	12	0	20.75	21.07	20.93	0.0229	0.0247	0.0239
5	64QAM	12	7	20.79	20.77	20.78	0.0231	0.0230	0.0231
5	64QAM	12	13	20.72	20.91	20.92	0.0228	0.0238	0.0238
5	64QAM	25	0	20.77	20.86	20.90	0.0230	0.0235	0.0237
5	256QAM	1	0	18.69	18.86	18.75	0.0143	0.0148	0.0145
5	256QAM	1	12	18.90	18.97	18.86	0.0150	0.0152	0.0148
5	256QAM	1	24	18.82	19.05	18.83	0.0147	0.0155	0.0147
5	256QAM	12	0	18.62	18.98	18.88	0.0140	0.0152	0.0149
5	256QAM	12	7	18.70	19.03	18.79	0.0143	0.0154	0.0146
5	256QAM	12	13	18.84	18.96	18.95	0.0148	0.0152	0.0151
5	256QAM	25	0	18.74	18.77	18.79	0.0144	0.0145	0.0146



LTE CA_5B_ANT0:

Combination 10MHz+10MHz (50RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	ERP(W)
		RB Size	RB offset	RB Size	RB offset		
L 20450_20549	QPSK	Max	0	Max	0	22.64	0.0354
	QPSK	1	0	1	Max	22.71	0.0360
	QPSK	1	Max	1	0	22.72	0.0361
M 20476_20575	QPSK	Max	0	Max	0	22.61	0.0352
	QPSK	1	0	1	Max	22.70	0.0359
	QPSK	1	Max	1	0	22.61	0.0352
H 20501_20600	QPSK	Max	0	Max	0	22.58	0.0349
	QPSK	1	0	1	Max	22.70	0.0359
	QPSK	1	Max	1	0	22.54	0.0346
L 20450_20549	16QAM	Max	0	Max	0	22.54	0.0346
	16QAM	1	0	1	Max	22.55	0.0347
	16QAM	1	Max	1	0	22.39	0.0334
M 20476_20575	16QAM	Max	0	Max	0	22.51	0.0344
	16QAM	1	0	1	Max	22.40	0.0335
	16QAM	1	Max	1	0	22.41	0.0336
H 20501_20600	16QAM	Max	0	Max	0	22.61	0.0352
	16QAM	1	0	1	Max	22.50	0.0343
	16QAM	1	Max	1	0	22.38	0.0333
L 20450_20549	64QAM	Max	0	Max	0	21.62	0.0280
	64QAM	1	0	1	Max	21.63	0.0281
	64QAM	1	Max	1	0	21.68	0.0284
M 20476_20575	64QAM	Max	0	Max	0	21.47	0.0270
	64QAM	1	0	1	Max	21.66	0.0282
	64QAM	1	Max	1	0	21.57	0.0277
H 20501_20600	64QAM	Max	0	Max	0	21.59	0.0278
	64QAM	1	0	1	Max	21.58	0.0277
	64QAM	1	Max	1	0	21.71	0.0286
L 20450_20549	256QAM	Max	0	Max	0	20.69	0.0226
	256QAM	1	0	1	Max	20.82	0.0233
	256QAM	1	Max	1	0	20.77	0.0230
M 20476_20575	256QAM	Max	0	Max	0	20.66	0.0224
	256QAM	1	0	1	Max	20.72	0.0228
	256QAM	1	Max	1	0	20.70	0.0226
H 20501_20600	256QAM	Max	0	Max	0	20.57	0.0220
	256QAM	1	0	1	Max	20.83	0.0233
	256QAM	1	Max	1	0	20.63	0.0223
Combination 10MHz+5MHz (50RB+25RB)							
Channel	Modulation	PCC		SCC		Measured Power	ERP(W)
		RB Size	RB offset	RB Size	RB offset		
L 20450_20522	QPSK	Max	0	Max	0	22.60	0.0351
	QPSK	1	0	1	Max	22.82	0.0369
	QPSK	1	Max	1	0	22.55	0.0347
M 20500_20572	QPSK	Max	0	Max	0	22.55	0.0347
	QPSK	1	0	1	Max	22.83	0.0370



	QPSK	1	Max	1	0	22.56	0.0348
H 20550_20622	QPSK	Max	0	Max	0	22.64	0.0354
	QPSK	1	0	1	Max	22.52	0.0344
	QPSK	1	Max	1	0	22.39	0.0334
	QPSK	1	Max	1	0	22.39	0.0334
L 20450_20522	16QAM	Max	0	Max	0	22.55	0.0347
	16QAM	1	0	1	Max	22.43	0.0337
	16QAM	1	Max	1	0	22.25	0.0324
	16QAM	1	Max	1	0	22.25	0.0324
M 20500_20572	16QAM	Max	0	Max	0	22.55	0.0347
	16QAM	1	0	1	Max	22.41	0.0336
	16QAM	1	Max	1	0	22.41	0.0336
	16QAM	1	Max	1	0	22.41	0.0336
H 20550_20622	16QAM	Max	0	Max	0	22.58	0.0349
	16QAM	1	0	1	Max	22.45	0.0339
	16QAM	1	Max	1	0	22.28	0.0326
	16QAM	1	Max	1	0	22.28	0.0326
L 20450_20522	64QAM	Max	0	Max	0	21.65	0.0282
	64QAM	1	0	1	Max	21.64	0.0281
	64QAM	1	Max	1	0	21.56	0.0276
	64QAM	1	Max	1	0	21.56	0.0276
M 20500_20572	64QAM	Max	0	Max	0	21.47	0.0270
	64QAM	1	0	1	Max	21.56	0.0276
	64QAM	1	Max	1	0	21.48	0.0271
	64QAM	1	Max	1	0	21.48	0.0271
H 20550_20622	64QAM	Max	0	Max	0	21.44	0.0269
	64QAM	1	0	1	Max	21.49	0.0272
	64QAM	1	Max	1	0	21.61	0.0279
	64QAM	1	Max	1	0	21.61	0.0279
L 20450_20522	256QAM	Max	0	Max	0	20.58	0.0220
	256QAM	1	0	1	Max	20.70	0.0226
	256QAM	1	Max	1	0	20.65	0.0224
	256QAM	1	Max	1	0	20.65	0.0224
M 20500_20572	256QAM	Max	0	Max	0	20.65	0.0224
	256QAM	1	0	1	Max	20.65	0.0224
	256QAM	1	Max	1	0	20.73	0.0228
	256QAM	1	Max	1	0	20.73	0.0228
H 20550_20622	256QAM	Max	0	Max	0	20.47	0.0215
	256QAM	1	0	1	Max	20.82	0.0233
	256QAM	1	Max	1	0	20.64	0.0223
	256QAM	1	Max	1	0	20.64	0.0223
Combination 5MHz+10MHz (25RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	ERP(W)
		RB Size	RB offset	RB Size	RB offset		
L 20428_20500	QPSK	Max	0	Max	0	22.63	0.0353
	QPSK	1	0	1	Max	22.86	0.0372
	QPSK	1	Max	1	0	22.69	0.0358
	QPSK	1	Max	1	0	22.69	0.0358
M 20478_20550	QPSK	Max	0	Max	0	22.60	0.0351
	QPSK	1	0	1	Max	22.68	0.0357
	QPSK	1	Max	1	0	22.62	0.0352
	QPSK	1	Max	1	0	22.62	0.0352
H 20528_20600	QPSK	Max	0	Max	0	22.56	0.0348
	QPSK	1	0	1	Max	22.62	0.0352
	QPSK	1	Max	1	0	22.55	0.0347
	QPSK	1	Max	1	0	22.55	0.0347
L 20428_20500	16QAM	Max	0	Max	0	22.41	0.0336
	16QAM	1	0	1	Max	22.47	0.0340
	16QAM	1	Max	1	0	22.39	0.0334
	16QAM	1	Max	1	0	22.39	0.0334
M 20478_20550	16QAM	Max	0	Max	0	22.49	0.0342
	16QAM	1	0	1	Max	22.34	0.0330



	16QAM	1	Max	1	0	22.39	0.0334
H 20528_20600	16QAM	Max	0	Max	0	22.54	0.0346
	16QAM	1	0	1	Max	22.49	0.0342
	16QAM	1	Max	1	0	22.38	0.0333
	16QAM	1	Max	1	0	22.38	0.0333
L 20428_20500	64QAM	Max	0	Max	0	21.52	0.0274
	64QAM	1	0	1	Max	21.60	0.0279
	64QAM	1	Max	1	0	21.64	0.0281
	64QAM	1	Max	1	0	21.64	0.0281
M 20478_20550	64QAM	Max	0	Max	0	21.39	0.0265
	64QAM	1	0	1	Max	21.64	0.0281
	64QAM	1	Max	1	0	21.42	0.0267
	64QAM	1	Max	1	0	21.42	0.0267
H 20528_20600	64QAM	Max	0	Max	0	21.44	0.0269
	64QAM	1	0	1	Max	21.62	0.0280
	64QAM	1	Max	1	0	21.63	0.0281
	64QAM	1	Max	1	0	21.63	0.0281
L 20428_20500	256QAM	Max	0	Max	0	20.64	0.0223
	256QAM	1	0	1	Max	20.78	0.0231
	256QAM	1	Max	1	0	20.72	0.0228
	256QAM	1	Max	1	0	20.72	0.0228
M 20478_20550	256QAM	Max	0	Max	0	20.57	0.0220
	256QAM	1	0	1	Max	20.66	0.0224
	256QAM	1	Max	1	0	20.68	0.0225
	256QAM	1	Max	1	0	20.68	0.0225
H 20528_20600	256QAM	Max	0	Max	0	20.49	0.0216
	256QAM	1	0	1	Max	20.76	0.0230
	256QAM	1	Max	1	0	20.59	0.0221
	256QAM	1	Max	1	0	20.59	0.0221
Combination 5MHz+3MHz (25RB+15RB)							
Channel	Modulation	PCC		SCC		Measured Power	ERP(W)
		RB Size	RB offset	RB Size	RB offset		
L 20425_20464	QPSK	Max	0	Max	0	22.59	0.0350
	QPSK	1	0	1	Max	22.71	0.0360
	QPSK	1	Max	1	0	22.73	0.0361
	QPSK	1	Max	1	0	22.73	0.0361
M 20510_20549	QPSK	Max	0	Max	0	22.56	0.0348
	QPSK	1	0	1	Max	22.78	0.0366
	QPSK	1	Max	1	0	22.58	0.0349
	QPSK	1	Max	1	0	22.58	0.0349
H 20595_20634	QPSK	Max	0	Max	0	22.68	0.0357
	QPSK	1	0	1	Max	22.54	0.0346
	QPSK	1	Max	1	0	22.50	0.0343
	QPSK	1	Max	1	0	22.50	0.0343
L 20425_20464	16QAM	Max	0	Max	0	22.50	0.0343
	16QAM	1	0	1	Max	22.56	0.0348
	16QAM	1	Max	1	0	22.31	0.0328
	16QAM	1	Max	1	0	22.31	0.0328
M 20510_20549	16QAM	Max	0	Max	0	22.44	0.0338
	16QAM	1	0	1	Max	22.39	0.0334
	16QAM	1	Max	1	0	22.40	0.0335
	16QAM	1	Max	1	0	22.40	0.0335
H 20595_20634	16QAM	Max	0	Max	0	22.54	0.0346
	16QAM	1	0	1	Max	22.43	0.0337
	16QAM	1	Max	1	0	22.40	0.0335
	16QAM	1	Max	1	0	22.40	0.0335
L 20425_20464	64QAM	Max	0	Max	0	21.61	0.0279
	64QAM	1	0	1	Max	21.56	0.0276
	64QAM	1	Max	1	0	21.56	0.0276
	64QAM	1	Max	1	0	21.56	0.0276
M 20510_20549	64QAM	Max	0	Max	0	21.45	0.0269
	64QAM	1	0	1	Max	21.66	0.0282
	64QAM	1	Max	1	0	21.49	0.0272
	64QAM	1	Max	1	0	21.49	0.0272
H 20595_20634	64QAM	Max	0	Max	0	21.61	0.0279
	64QAM	1	0	1	Max	21.61	0.0279
	64QAM	1	Max	1	0	21.61	0.0279
	64QAM	1	Max	1	0	21.61	0.0279



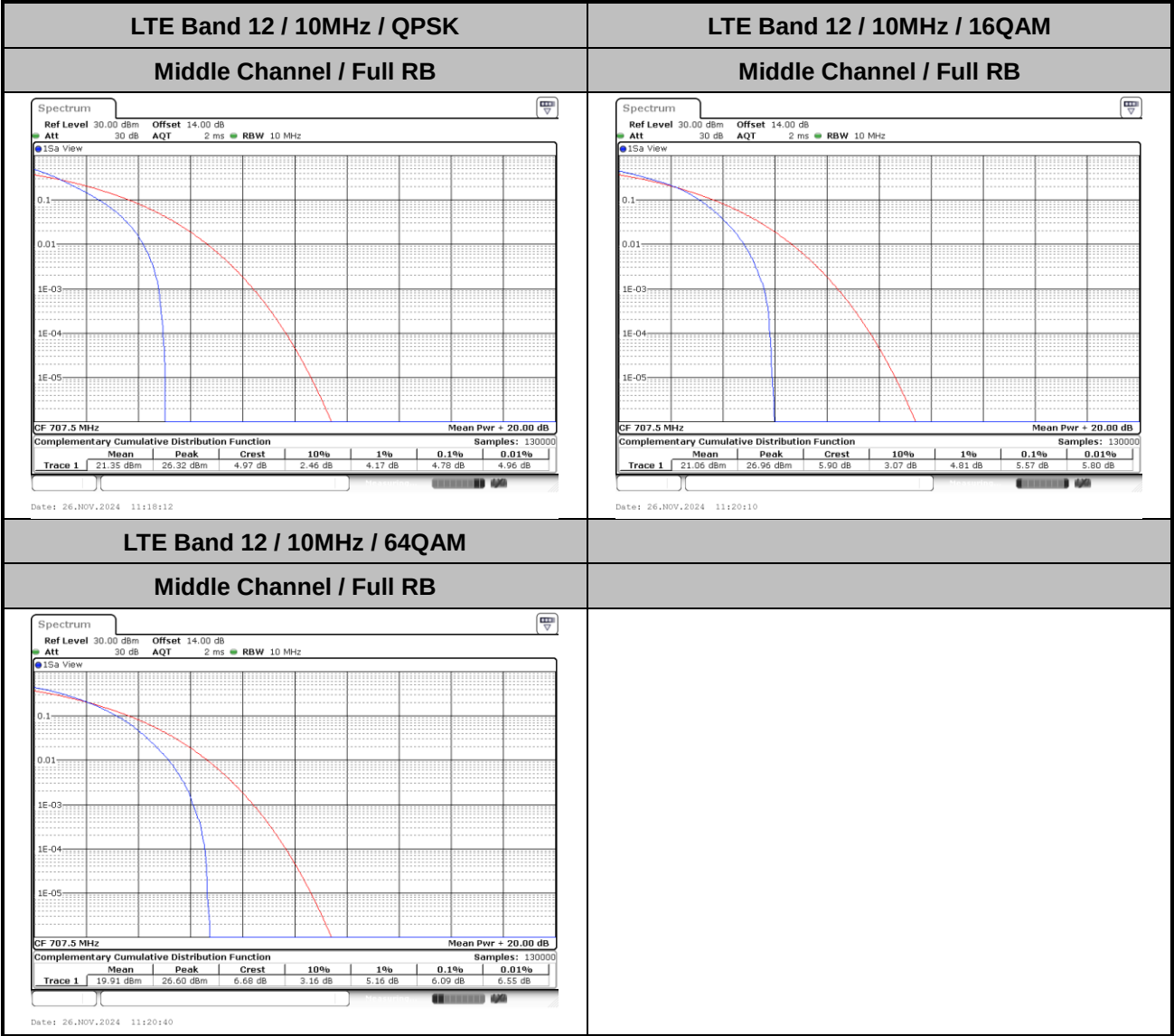
	64QAM	1	Max	1	0	21.63	0.0281
L 20425_20464	256QAM	Max	0	Max	0	20.64	0.0223
	256QAM	1	0	1	Max	20.80	0.0232
	256QAM	1	Max	1	0	20.79	0.0231
M 20510_20549	256QAM	Max	0	Max	0	20.70	0.0226
	256QAM	1	0	1	Max	20.60	0.0221
	256QAM	1	Max	1	0	20.66	0.0224
H 20595_20634	256QAM	Max	0	Max	0	20.48	0.0215
	256QAM	1	0	1	Max	20.83	0.0233
	256QAM	1	Max	1	0	20.63	0.0223
Combination 3MHz+5MHz (15RB+25RB)							
Channel	Modulation	PCC		SCC		Measured Power	ERP(W)
		RB Size	RB offset	RB Size	RB offset		
L 20416_20455	QPSK	Max	0	Max	0	22.66	0.0356
	QPSK	1	0	1	Max	22.74	0.0362
	QPSK	1	Max	1	0	22.72	0.0361
M 20501_20540	QPSK	Max	0	Max	0	22.43	0.0337
	QPSK	1	0	1	Max	22.83	0.0370
	QPSK	1	Max	1	0	22.62	0.0352
H 20586_20625	QPSK	Max	0	Max	0	22.73	0.0361
	QPSK	1	0	1	Max	22.62	0.0352
	QPSK	1	Max	1	0	22.57	0.0348
L 20416_20455	16QAM	Max	0	Max	0	22.56	0.0348
	16QAM	1	0	1	Max	22.49	0.0342
	16QAM	1	Max	1	0	22.34	0.0330
M 20501_20540	16QAM	Max	0	Max	0	22.38	0.0333
	16QAM	1	0	1	Max	22.44	0.0338
	16QAM	1	Max	1	0	22.42	0.0337
H 20586_20625	16QAM	Max	0	Max	0	22.51	0.0344
	16QAM	1	0	1	Max	22.47	0.0340
	16QAM	1	Max	1	0	22.31	0.0328
L 20416_20455	64QAM	Max	0	Max	0	21.62	0.0280
	64QAM	1	0	1	Max	21.58	0.0277
	64QAM	1	Max	1	0	21.58	0.0277
M 20501_20540	64QAM	Max	0	Max	0	21.39	0.0265
	64QAM	1	0	1	Max	21.64	0.0281
	64QAM	1	Max	1	0	21.55	0.0275
H 20586_20625	64QAM	Max	0	Max	0	21.51	0.0273
	64QAM	1	0	1	Max	21.51	0.0273
	64QAM	1	Max	1	0	21.57	0.0277
L 20416_20455	256QAM	Max	0	Max	0	20.73	0.0228
	256QAM	1	0	1	Max	20.81	0.0232
	256QAM	1	Max	1	0	20.79	0.0231
M 20501_20540	256QAM	Max	0	Max	0	20.65	0.0224
	256QAM	1	0	1	Max	20.77	0.0230
	256QAM	1	Max	1	0	20.75	0.0229
H 20586_20625	256QAM	Max	0	Max	0	20.60	0.0221
	256QAM	1	0	1	Max	20.71	0.0227
	256QAM	1	Max	1	0	20.64	0.0223



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	4.78	5.57	6.09	PASS





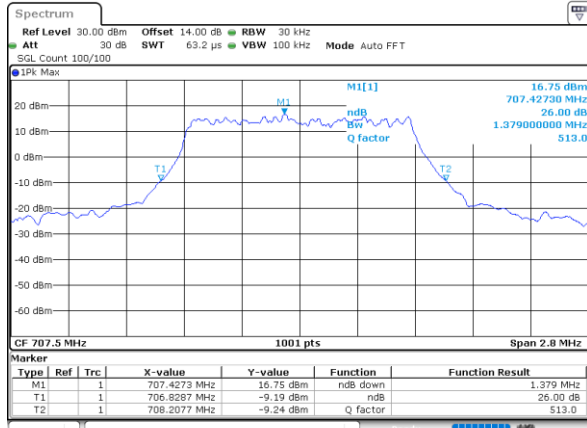
26dB Bandwidth

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	1.38	1.32	3.04	3.02	5.10	5.03	10.13	9.83	-	-	-	-



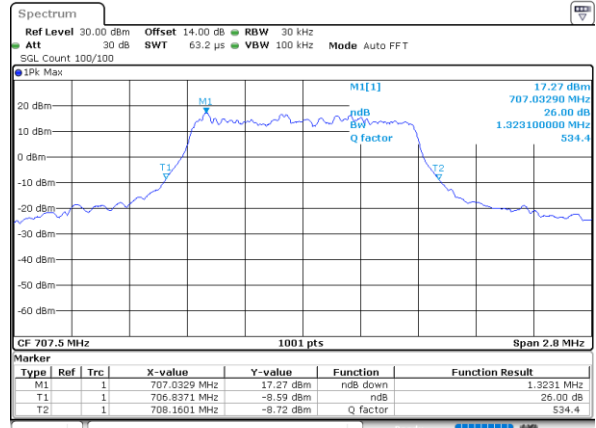
LTE Band 12

Middle Channel / 1.4MHz / QPSK



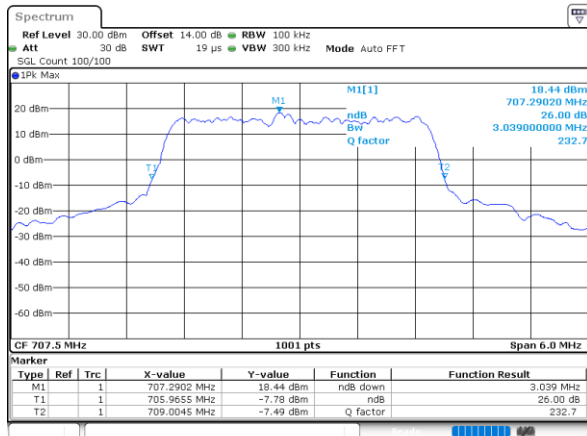
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Middle Channel / 1.4MHz / 16QAM



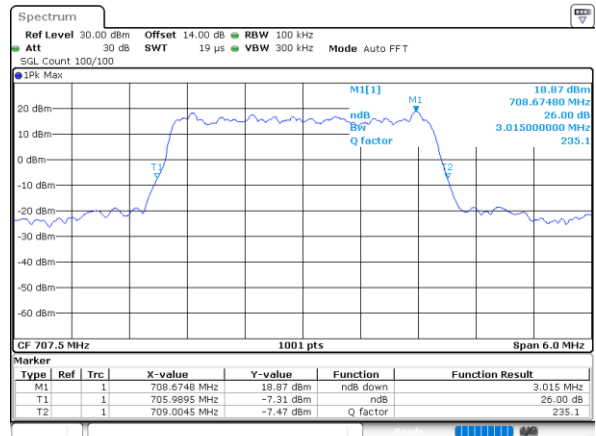
Date: 8.NOV.2024 17:32:49

Middle Channel / 3MHz / QPSK



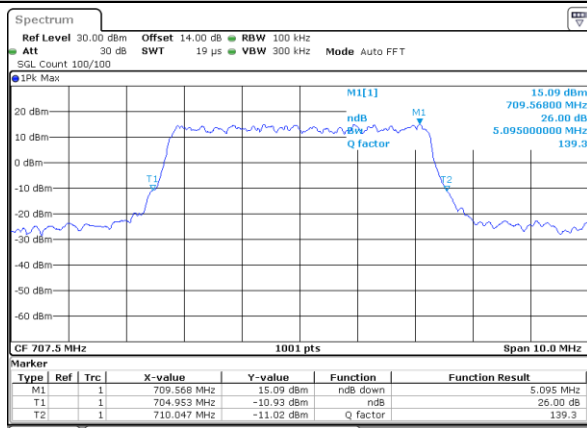
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Middle Channel / 3MHz / 16QAM



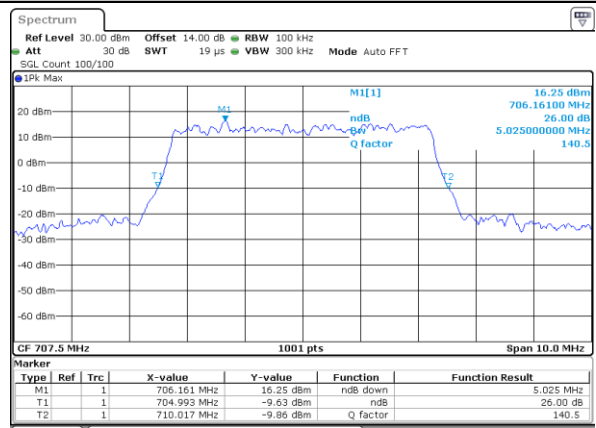
Date: 8.NOV.2024 17:47:37

Middle Channel / 5MHz / QPSK



Date: 8.NOV.2024 18:01:46

Middle Channel / 5MHz / 16QAM

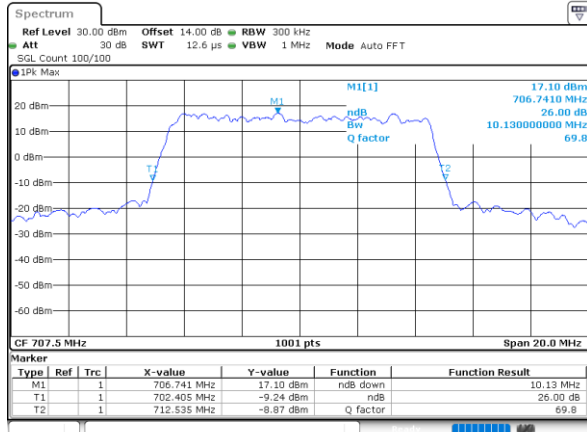


Date: 8.NOV.2024 18:02:26



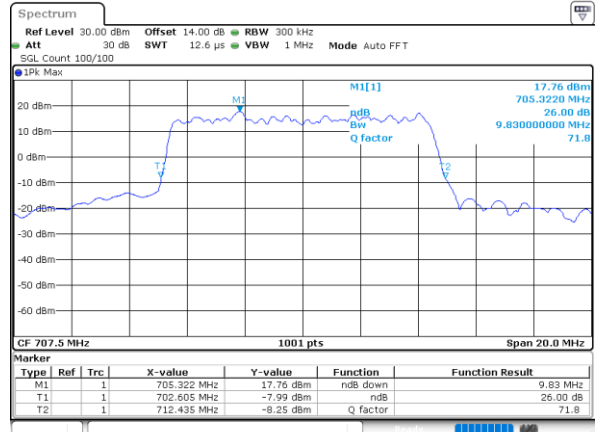
LTE Band 12

Middle Channel / 10MHz / QPSK



Date: 8.NOV.2024 18:16:37

Middle Channel / 10MHz / 16QAM



Date: 8.NOV.2024 18:17:16



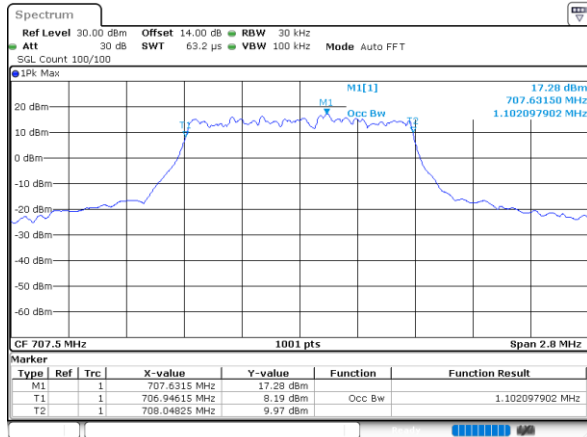
Occupied Bandwidth

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	1.10	1.09	2.73	2.73	4.49	4.52	9.09	9.03	-	-	-	-

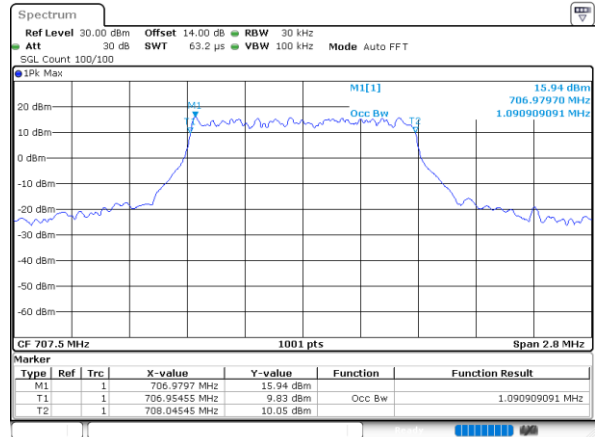


LTE Band 12

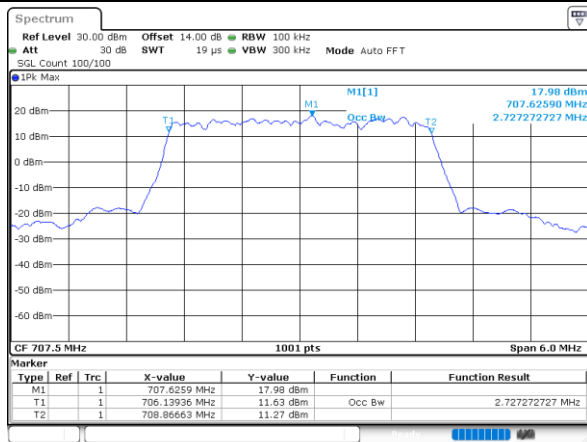
Middle Channel / 1.4MHz / QPSK



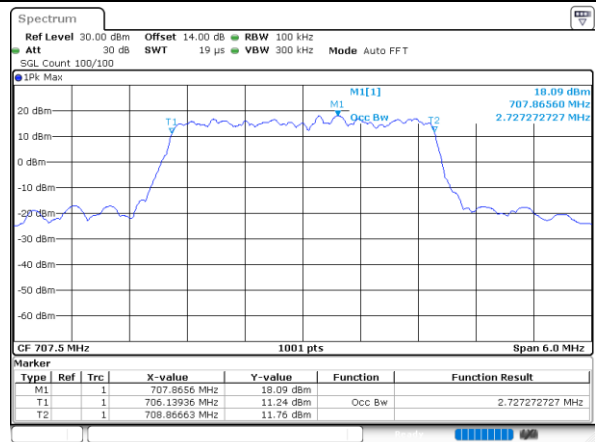
Middle Channel / 1.4MHz / 16QAM



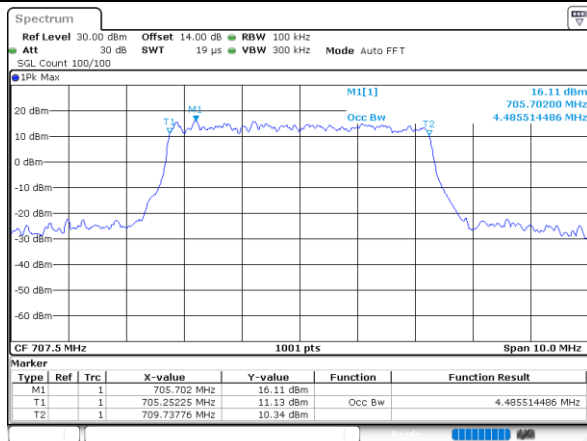
Middle Channel / 3MHz / QPSK



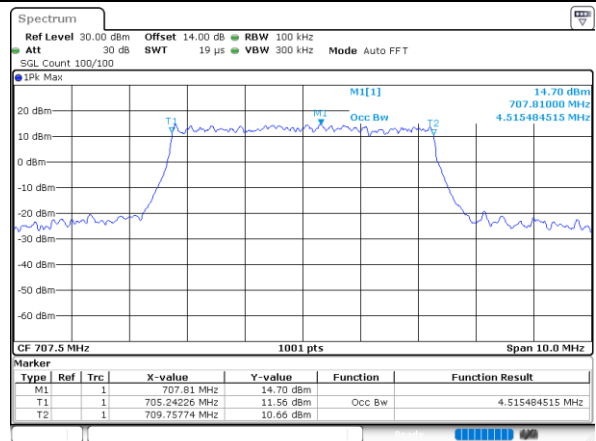
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



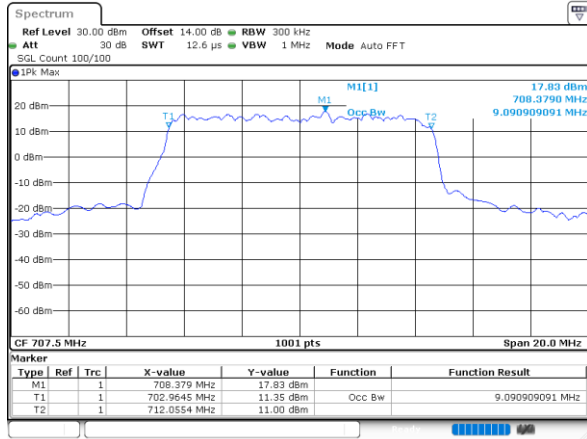
Middle Channel / 5MHz / 16QAM





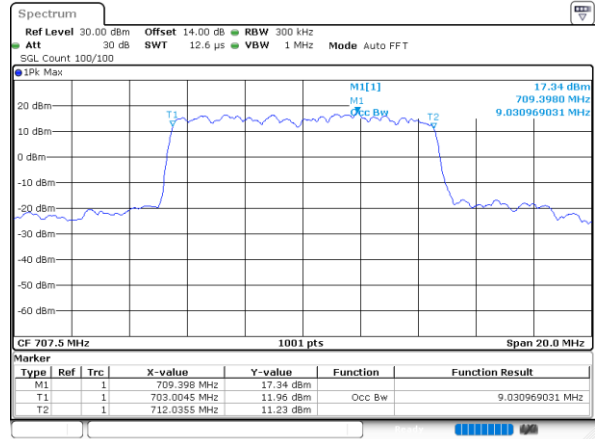
LTE Band 12

Middle Channel / 10MHz / QPSK



Date: 8.NOV.2024 18:16:23

Middle Channel / 10MHz / 16QAM



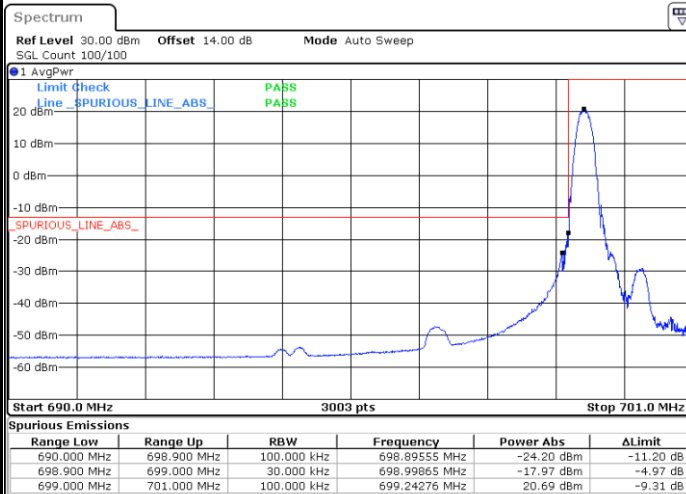
Date: 8.NOV.2024 18:17:03



Conducted Band Edge

LTE Band 12 / 1.4MHz / QPSK

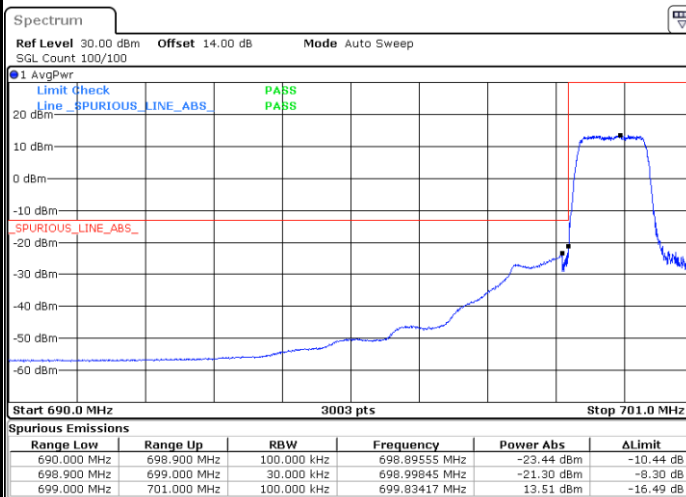
Lowest Band Edge / 1RB



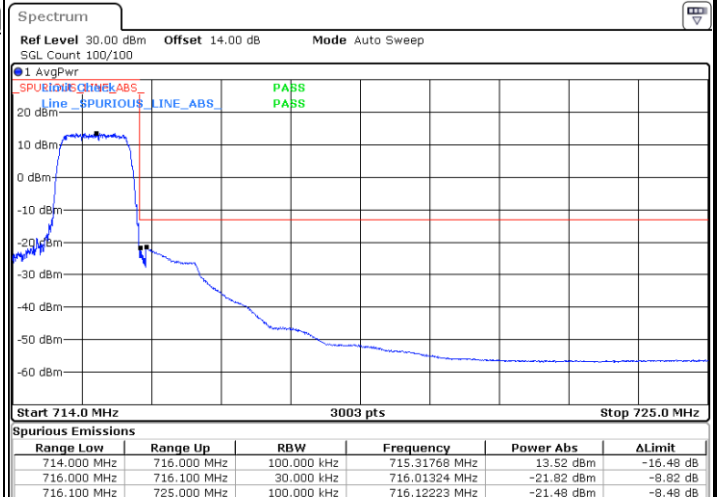
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



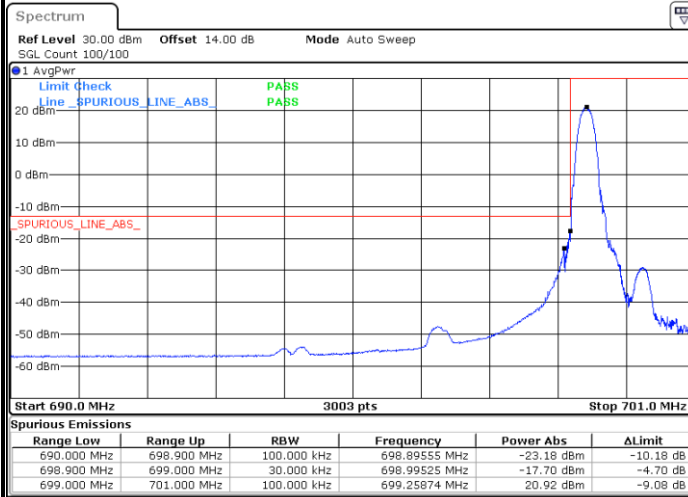
Highest Band Edge / Full RB





LTE Band 12 / 1.4MHz / 16QAM

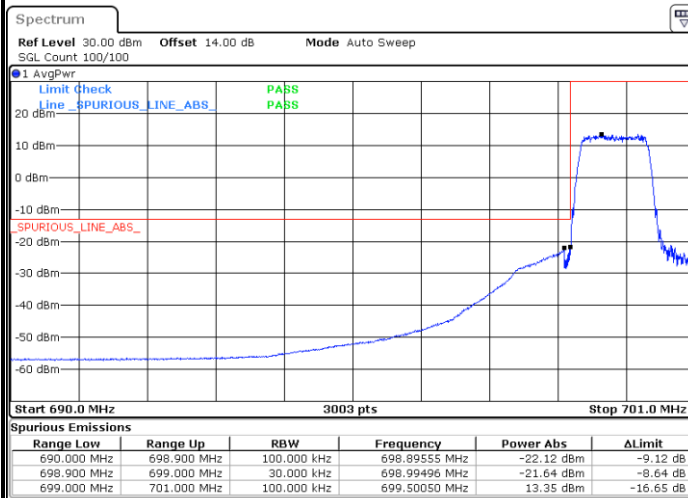
Lowest Band Edge / 1 RB



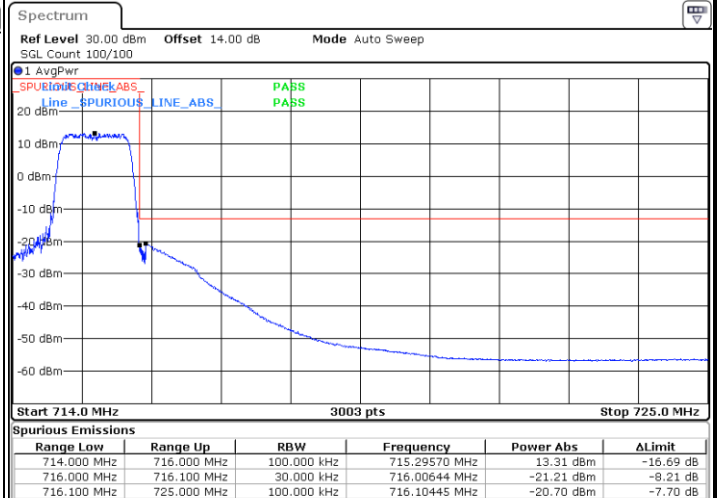
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



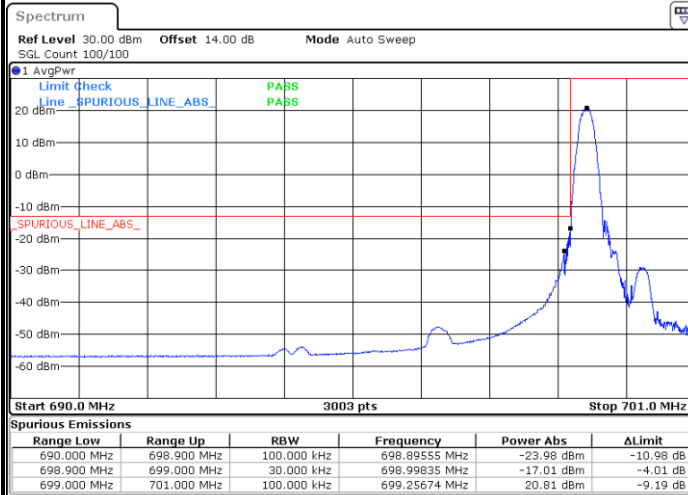
Highest Band Edge / Full RB





LTE Band 12 / 1.4MHz / 64QAM

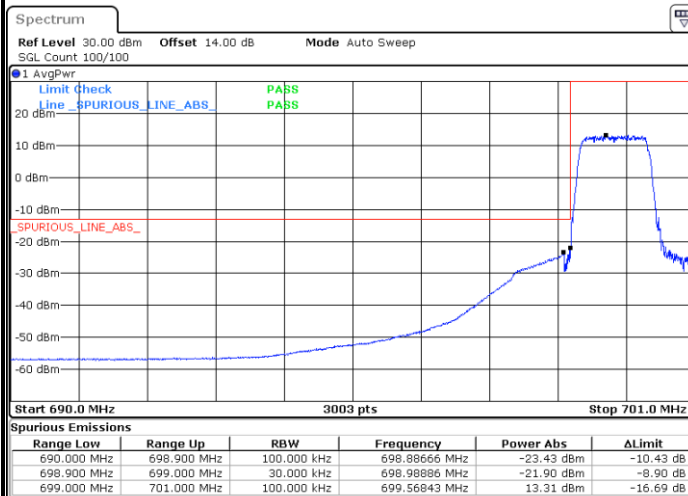
Lowest Band Edge / 1 RB



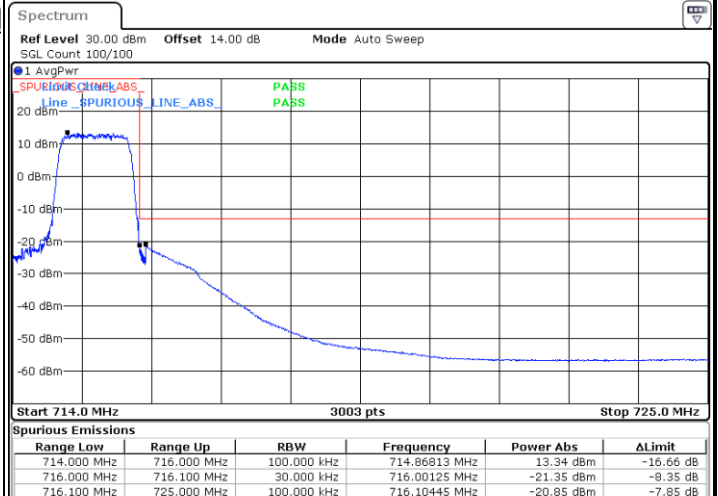
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



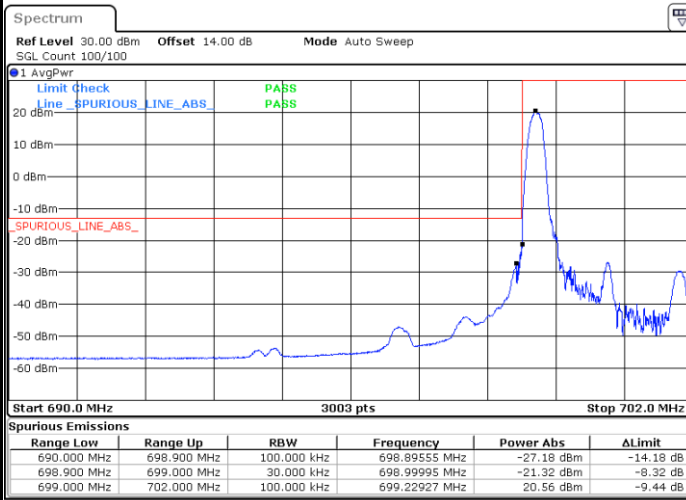
Highest Band Edge / Full RB



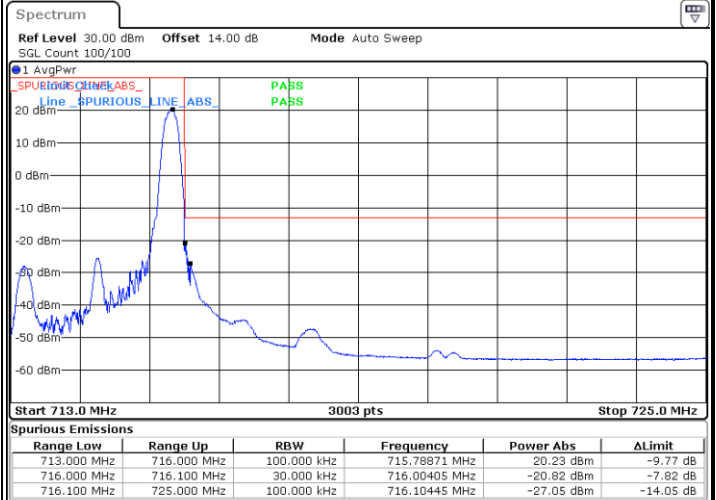


LTE Band 12 / 3MHz / QPSK

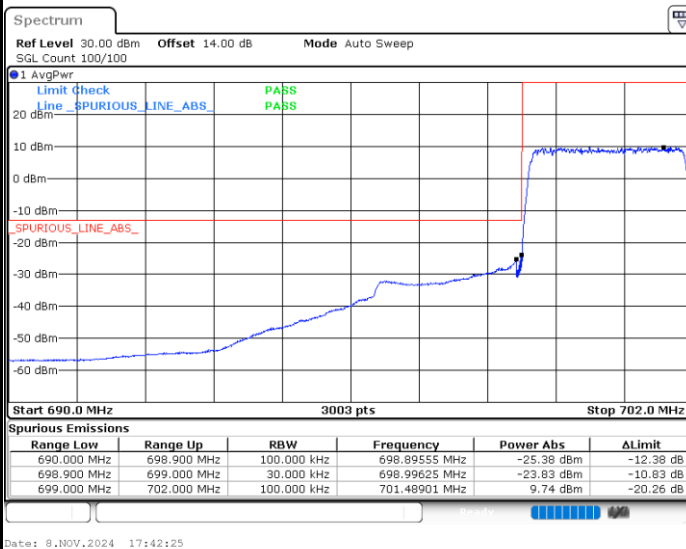
Lowest Band Edge / 1RB



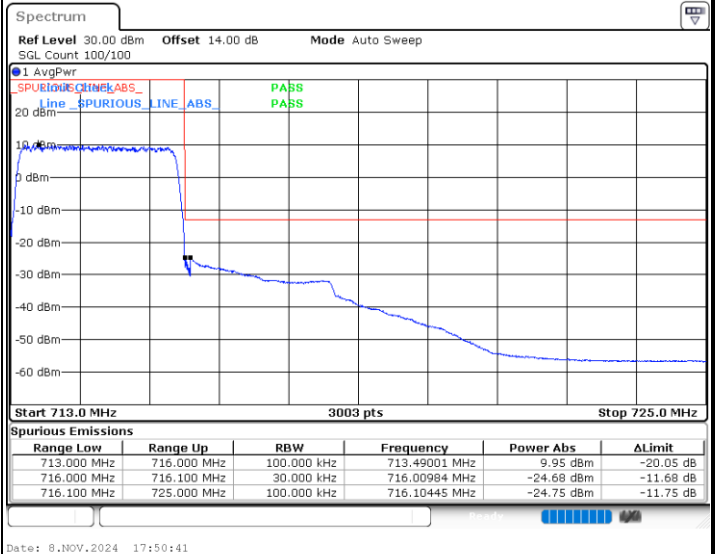
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



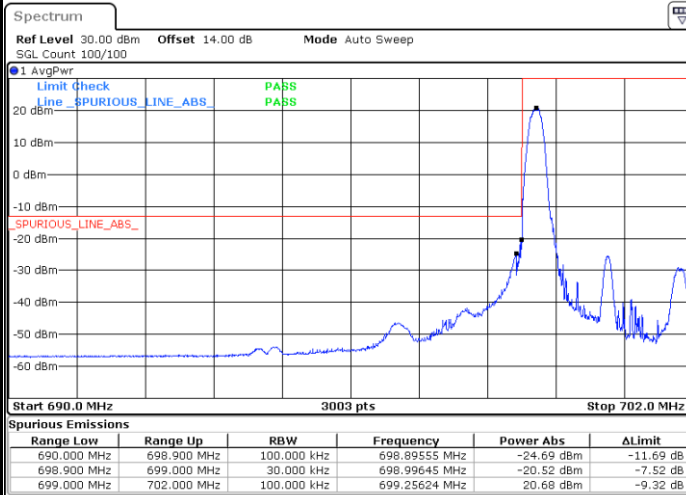
Highest Band Edge / Full RB



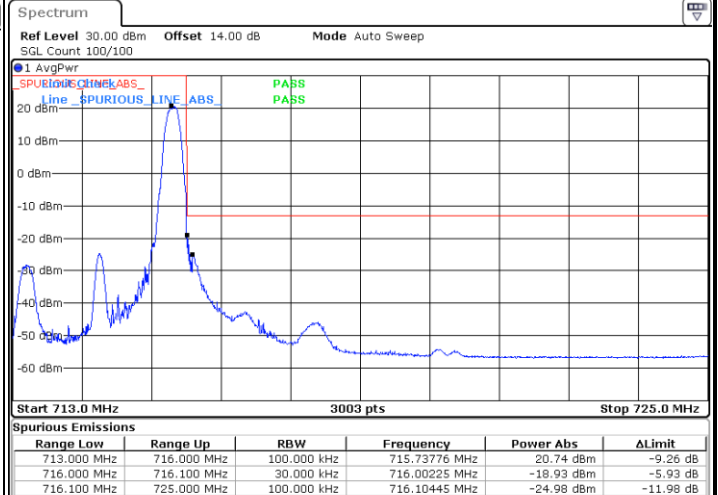


LTE Band 12 / 3MHz / 16QAM

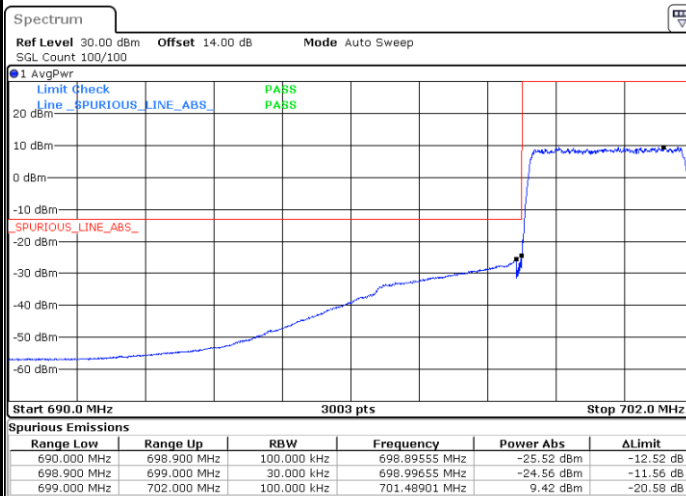
Lowest Band Edge / 1 RB



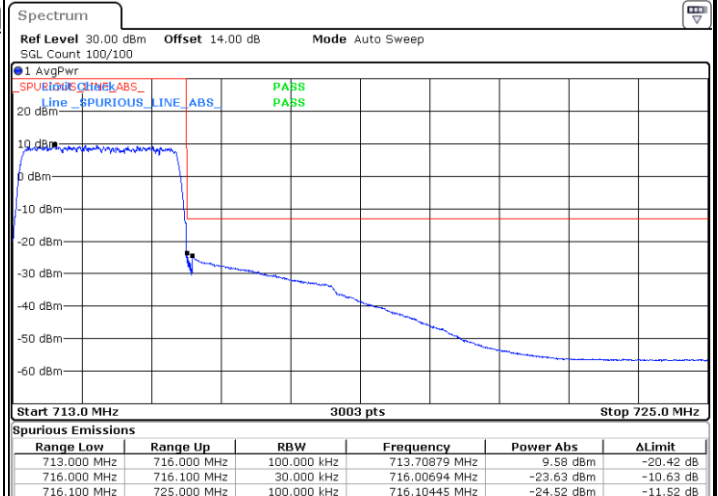
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



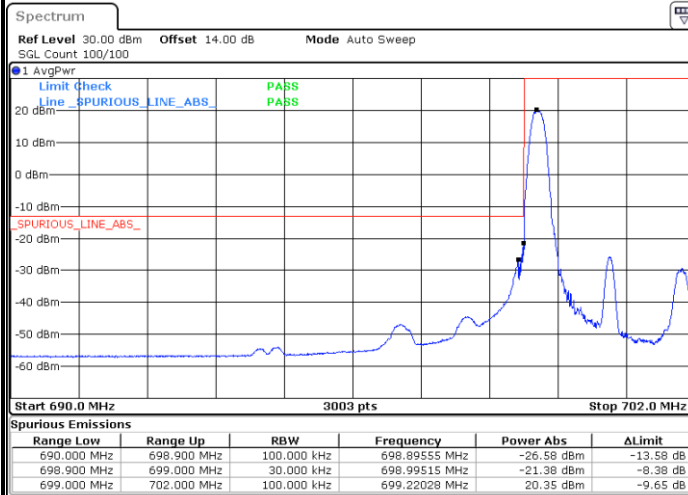
Highest Band Edge / Full RB



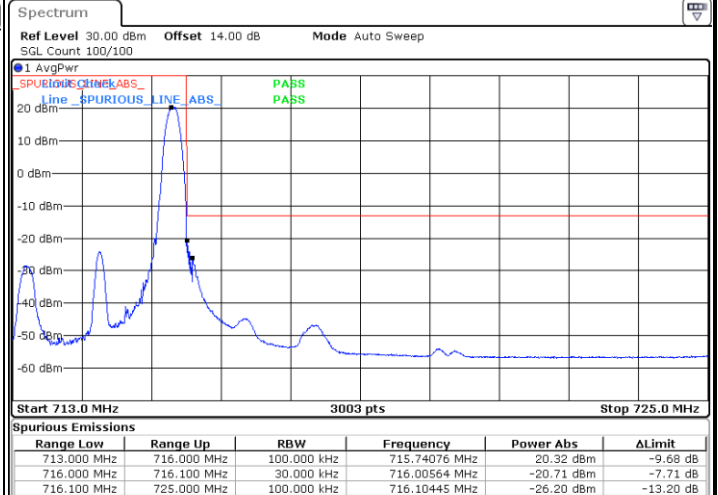


LTE Band 12 / 3MHz / 64QAM

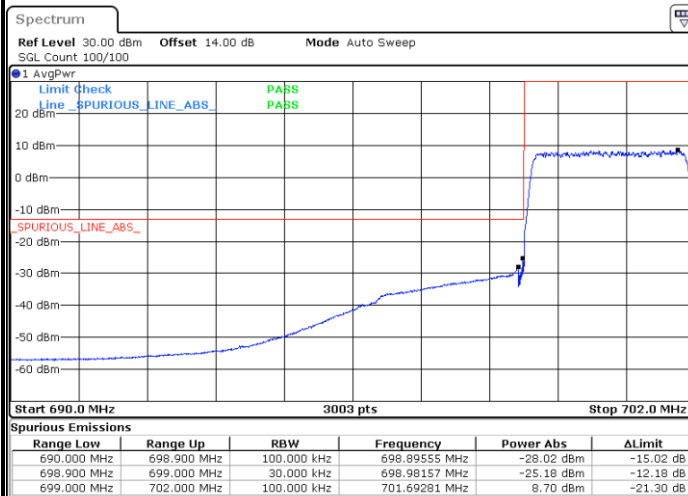
Lowest Band Edge / 1 RB



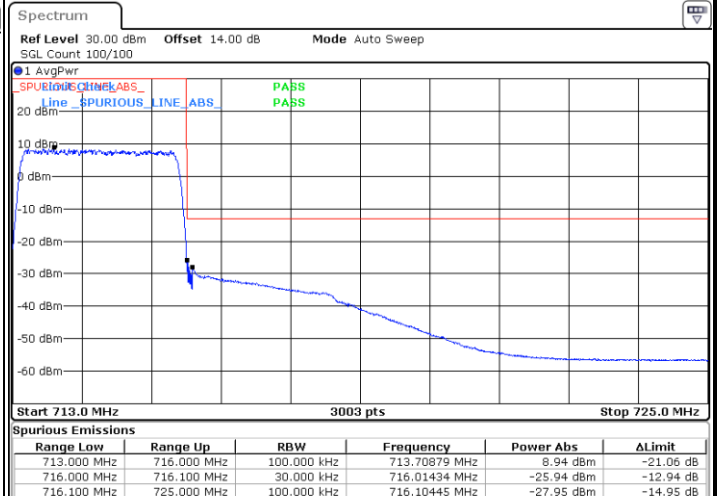
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



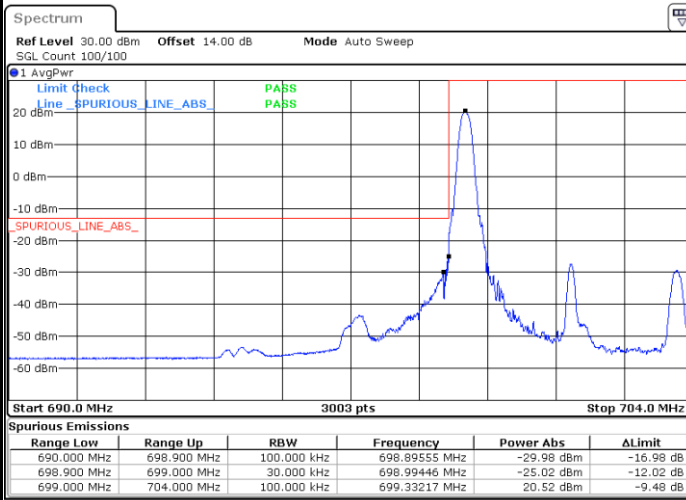
Highest Band Edge / Full RB





LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1RB



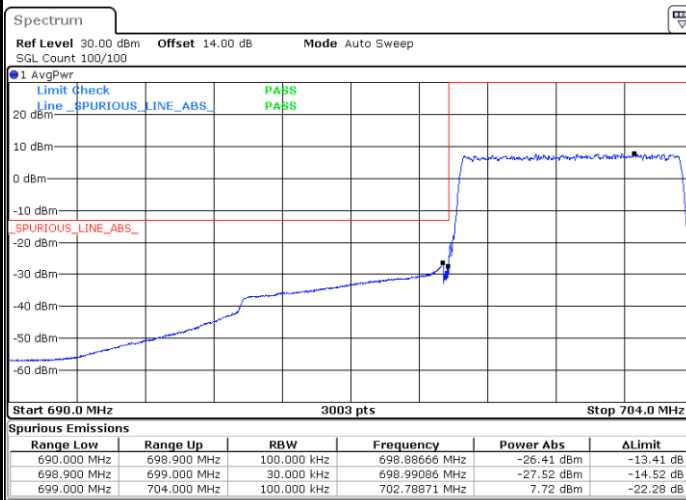
Date: 8.NOV.2024 17:54:55

Highest Band Edge / 1RB



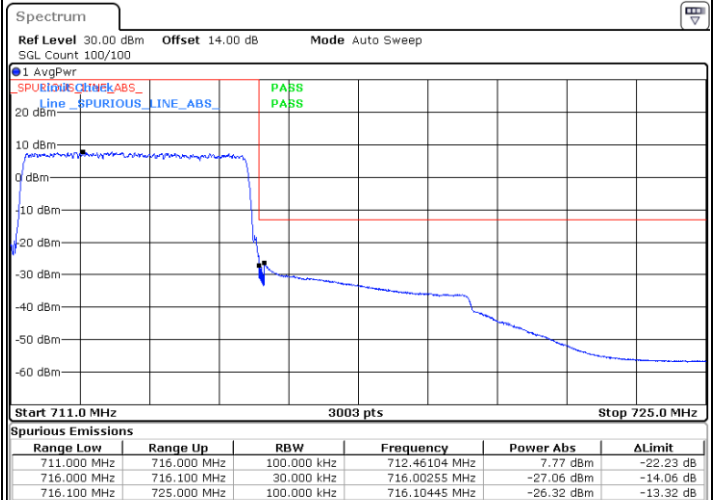
Date: 8.NOV.2024 18:03:11

Lowest Band Edge / Full RB



Date: 8.NOV.2024 17:57:13

Highest Band Edge / Full RB

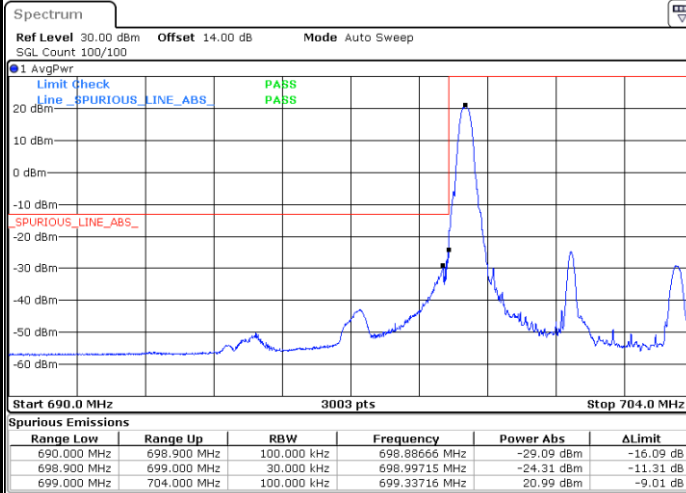


Date: 8.NOV.2024 18:05:29

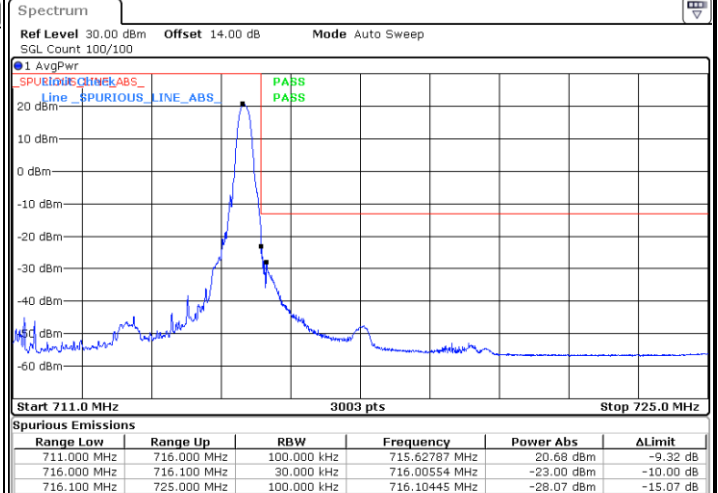


LTE Band 12 / 5MHz / 16QAM

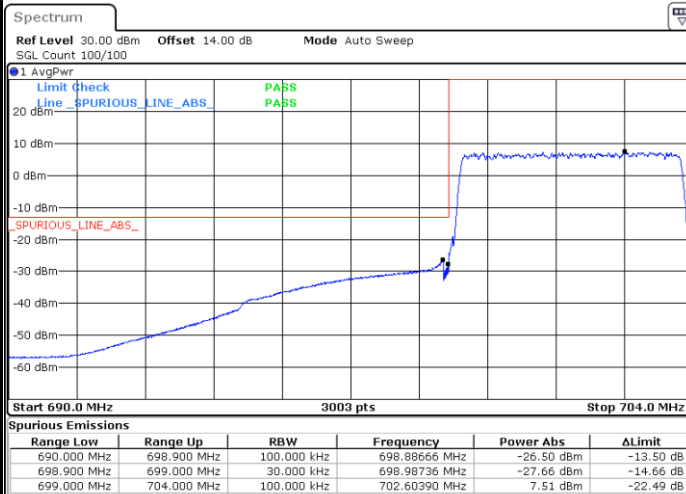
Lowest Band Edge / 1 RB



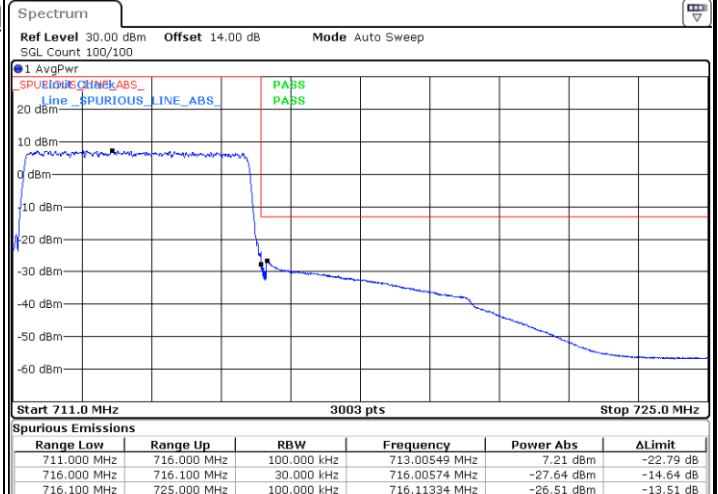
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



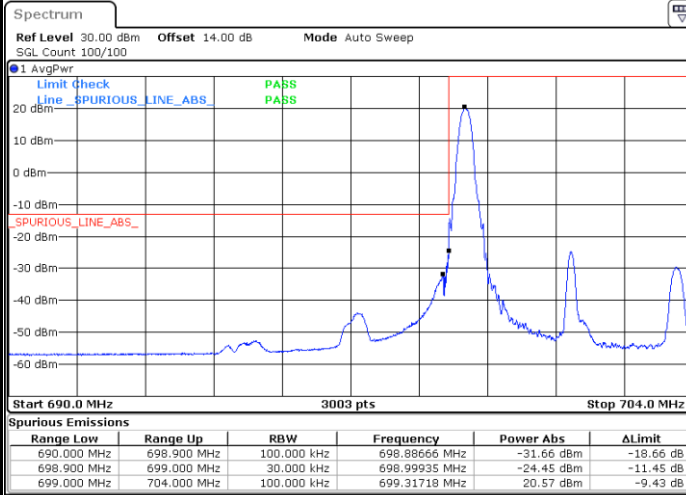
Highest Band Edge / Full RB



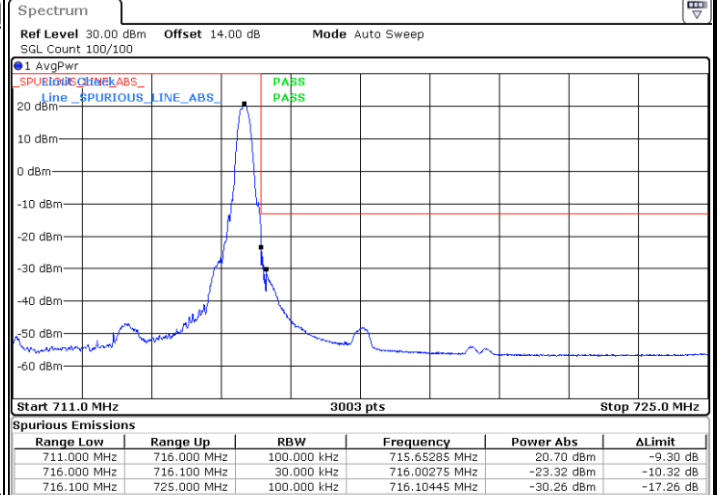


LTE Band 12 / 5MHz / 64QAM

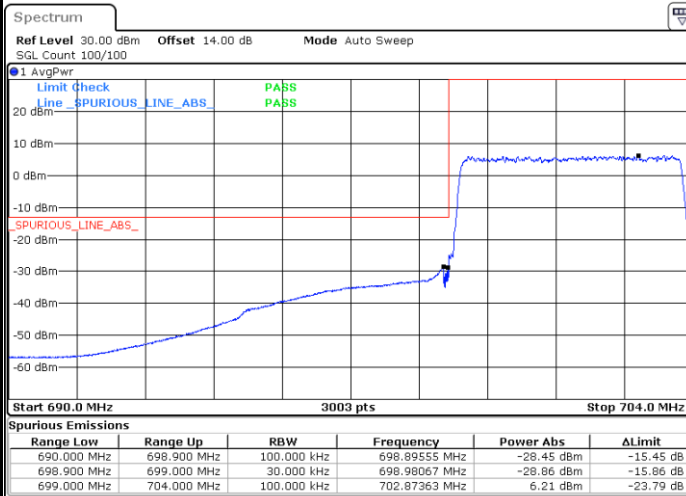
Lowest Band Edge / 1 RB



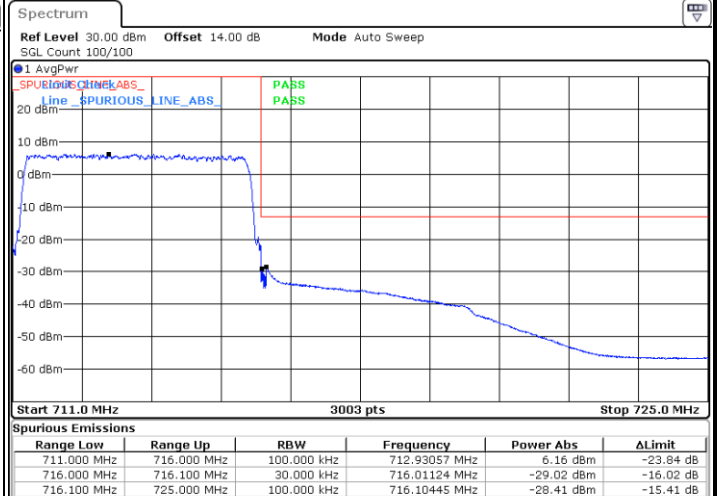
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



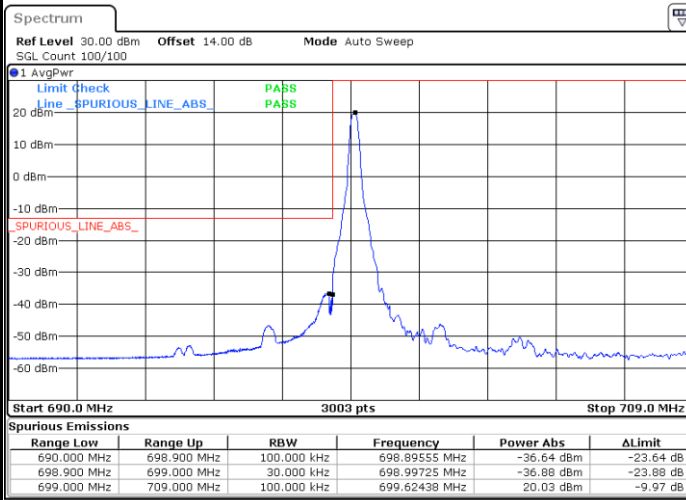
Highest Band Edge / Full RB



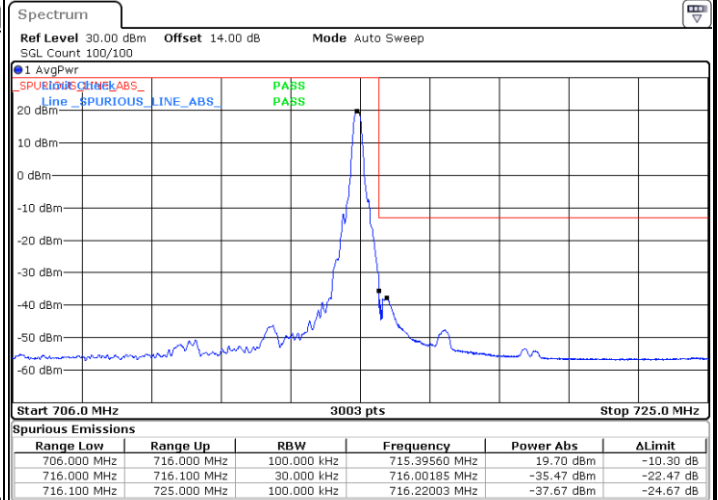


LTE Band 12 / 10MHz / QPSK

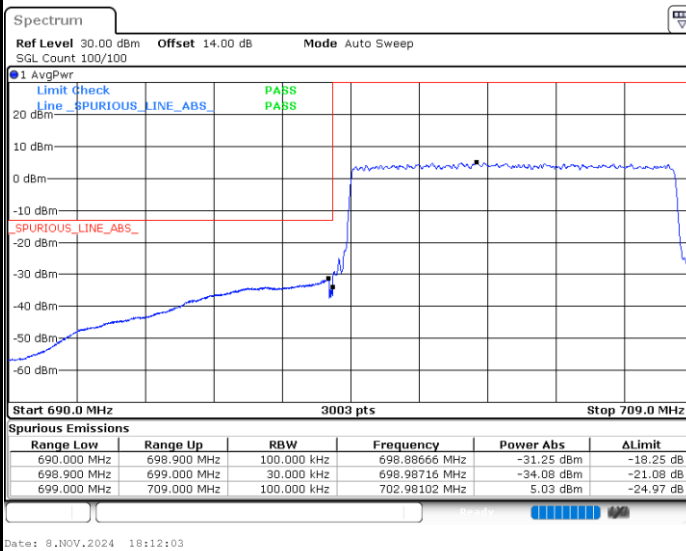
Lowest Band Edge / 1RB



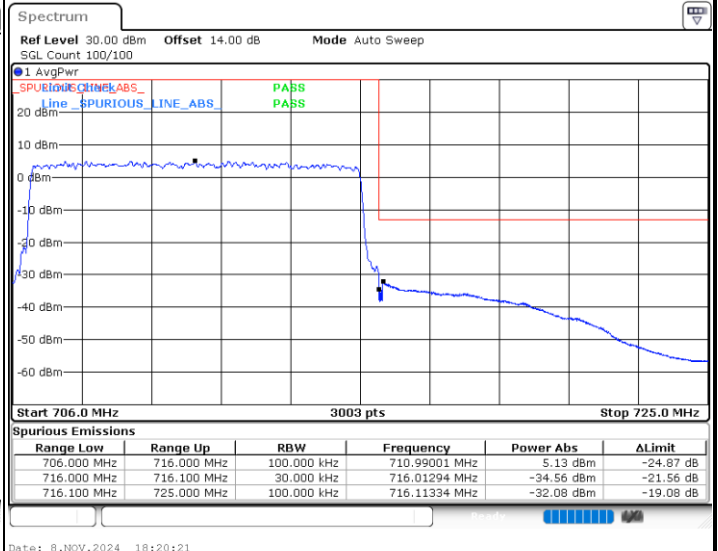
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



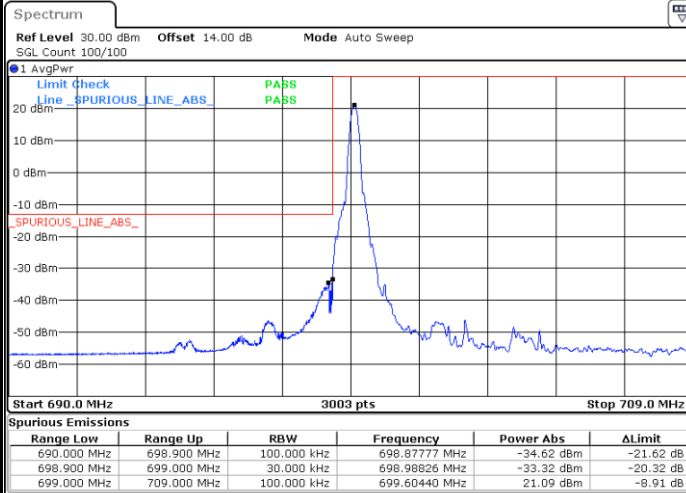
Highest Band Edge / Full RB



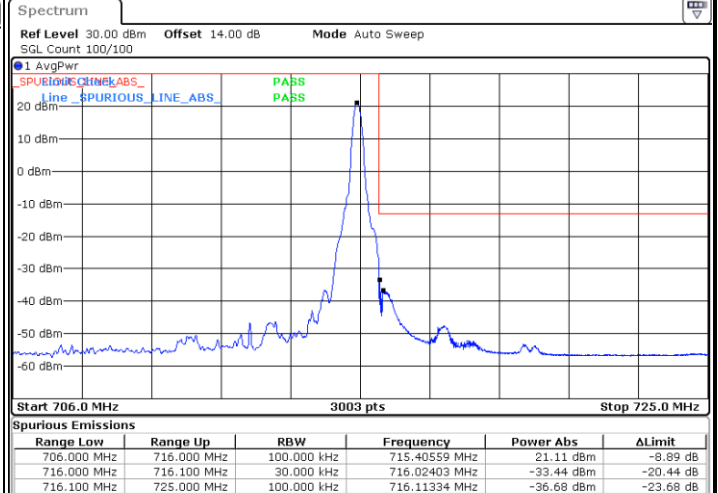


LTE Band 12 / 10MHz / 16QAM

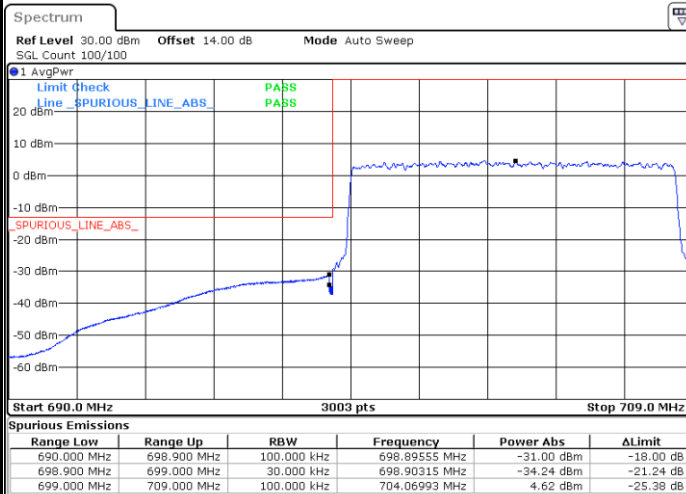
Lowest Band Edge / 1 RB



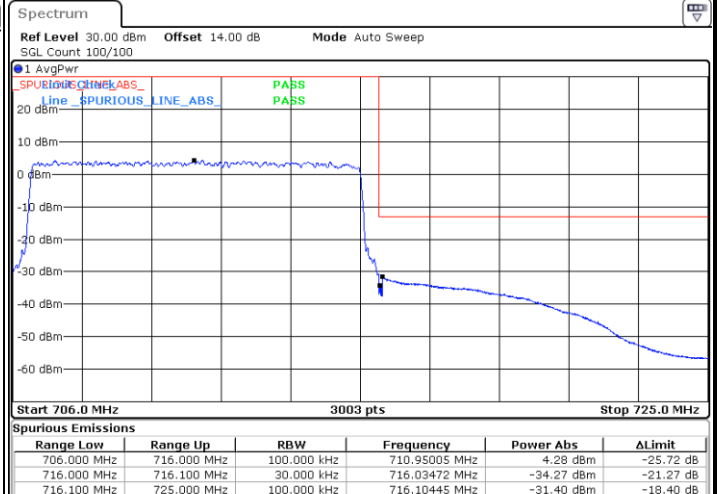
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



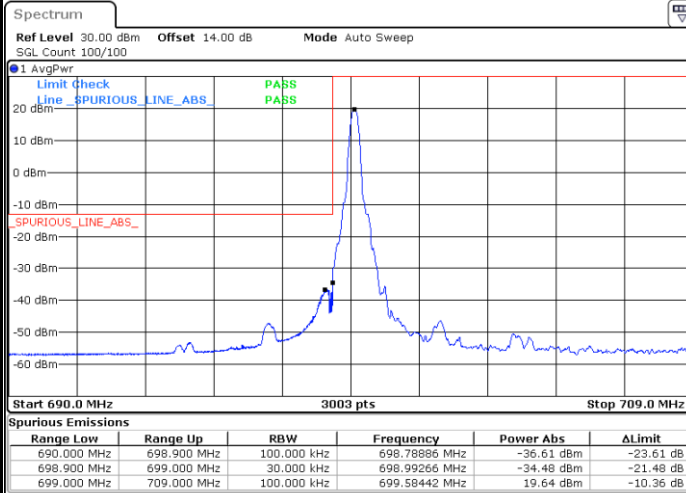
Highest Band Edge / Full RB



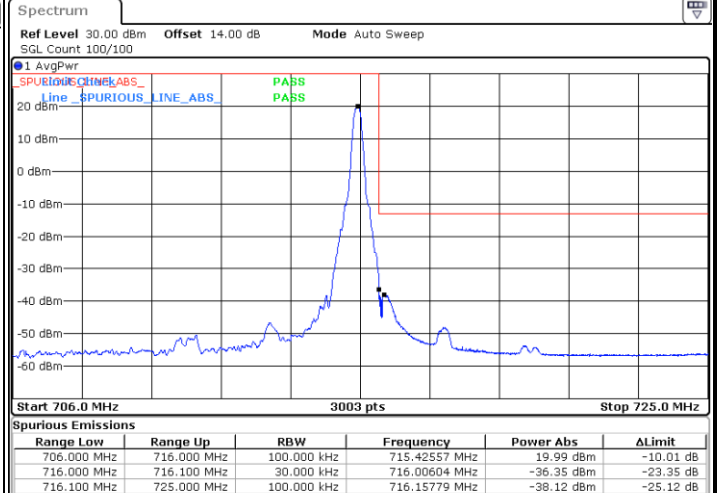


LTE Band 12 / 10MHz / 64QAM

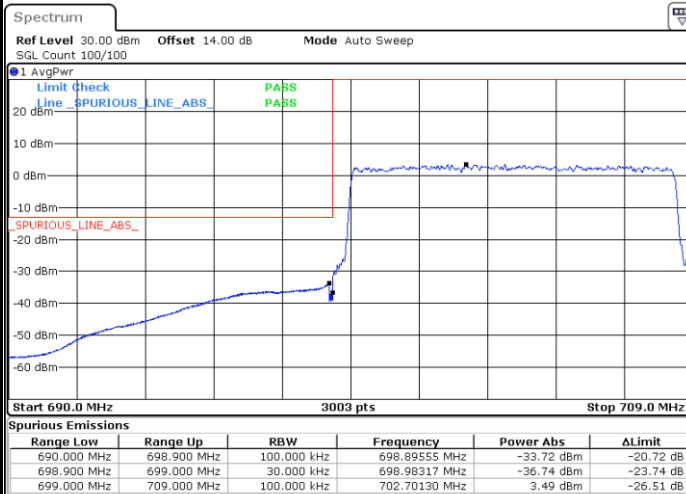
Lowest Band Edge / 1 RB



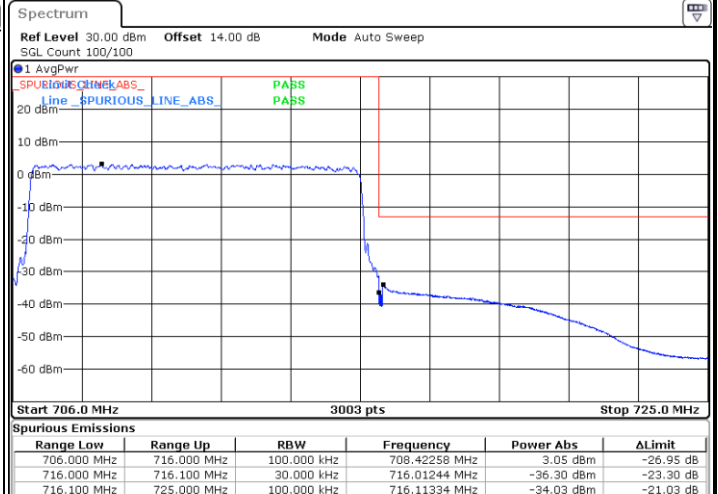
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

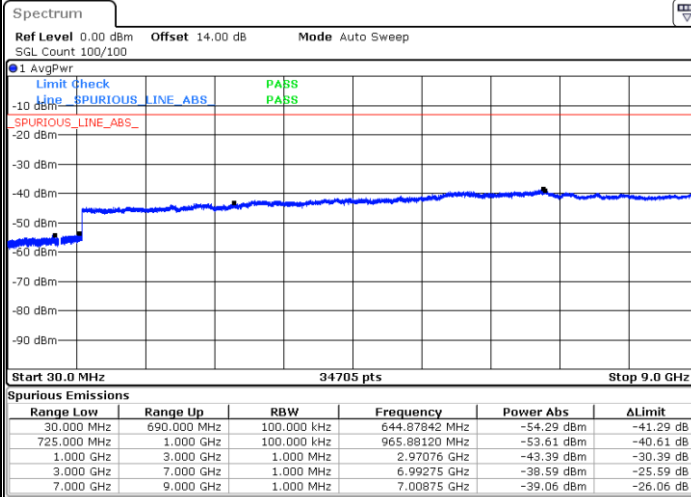




Conducted Spurious Emission

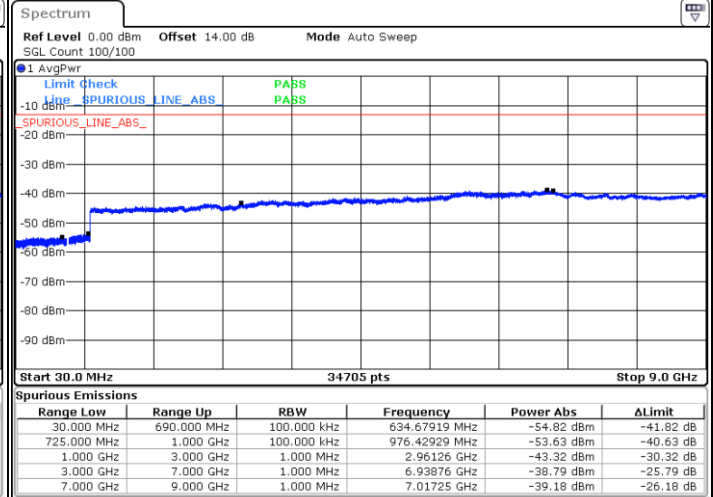
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



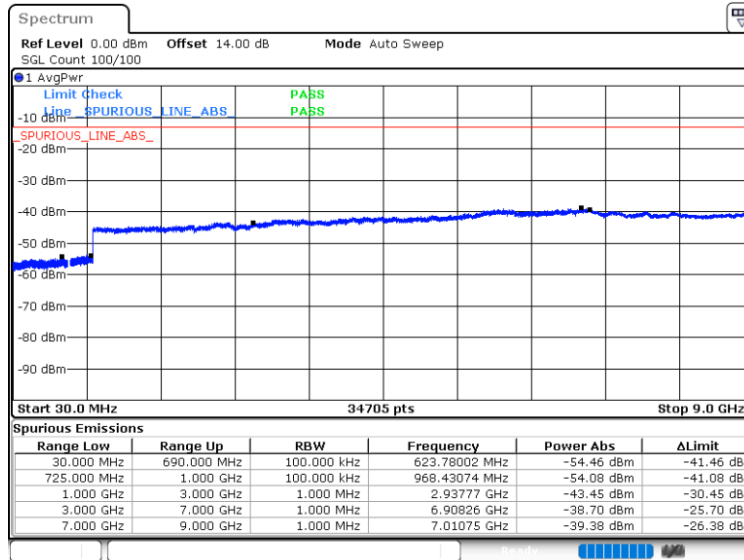
Date: 8.NOV.2024 17:30:13

Middle Channel / QPSK



Date: 8.NOV.2024 17:31:23

Highest Channel / QPSK

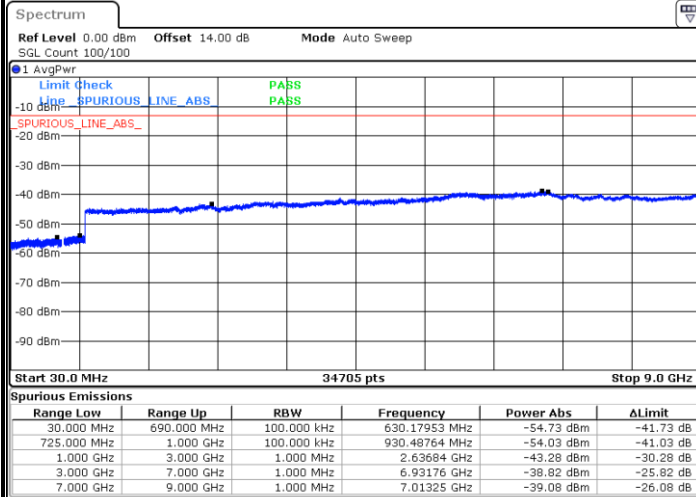


Date: 8.NOV.2024 17:38:34



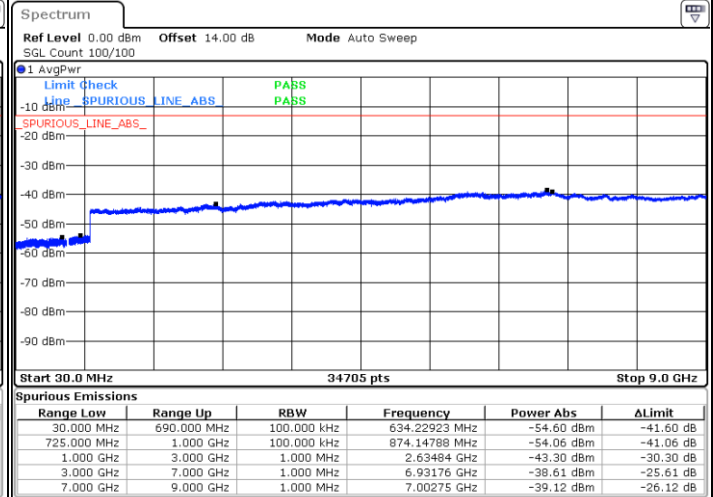
LTE Band 12 / 3MHz

Lowest Channel / QPSK



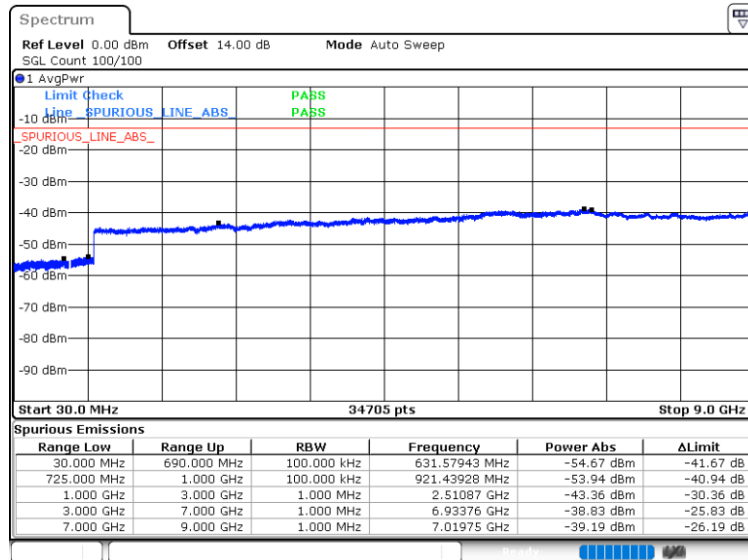
Date: 8.NOV.2024 17:45:08

Middle Channel / QPSK



Date: 8.NOV.2024 17:46:17

Highest Channel / QPSK

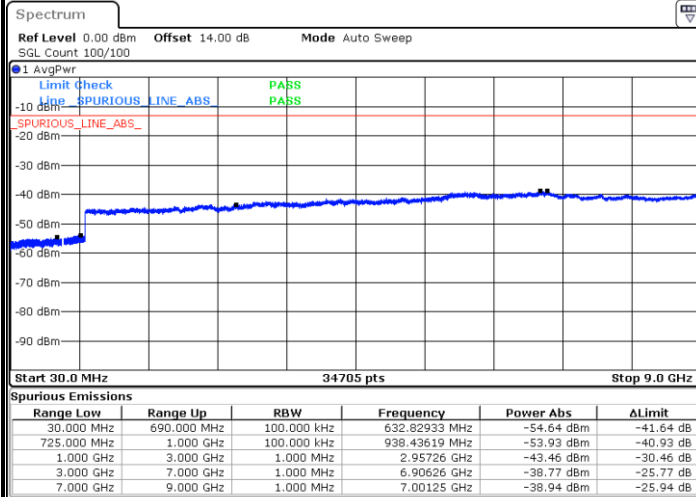


Date: 8.NOV.2024 17:53:23



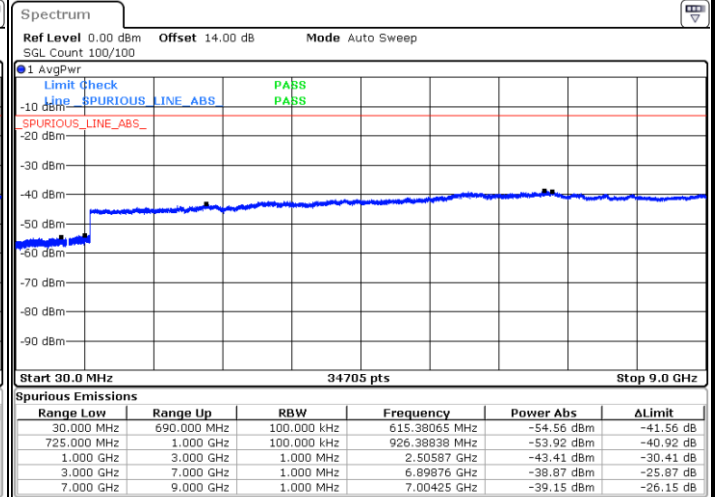
LTE Band 12 / 5MHz

Lowest Channel / QPSK



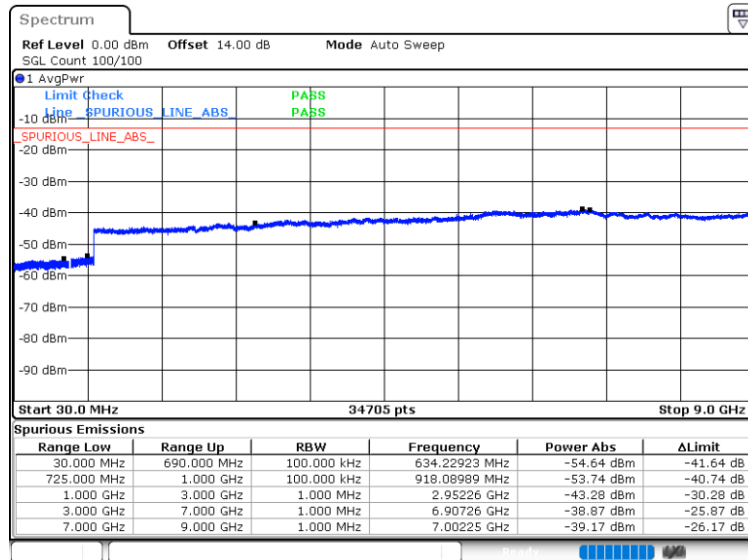
Date: 8.NOV.2024 17:59:56

Middle Channel / QPSK



Date: 8.NOV.2024 18:01:06

Highest Channel / QPSK

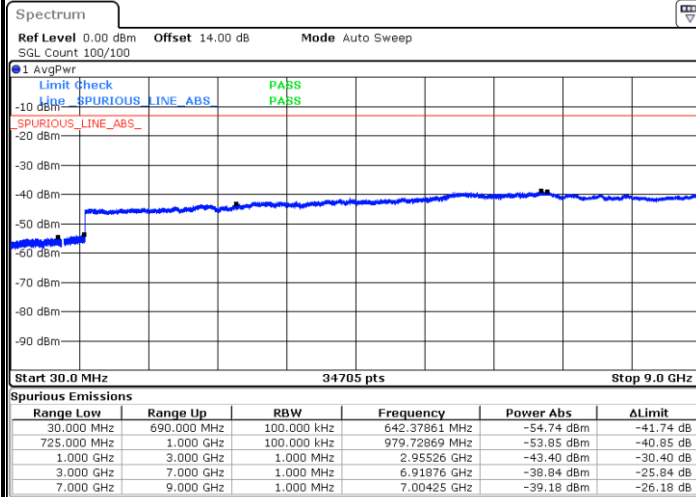


Date: 8.NOV.2024 18:08:11



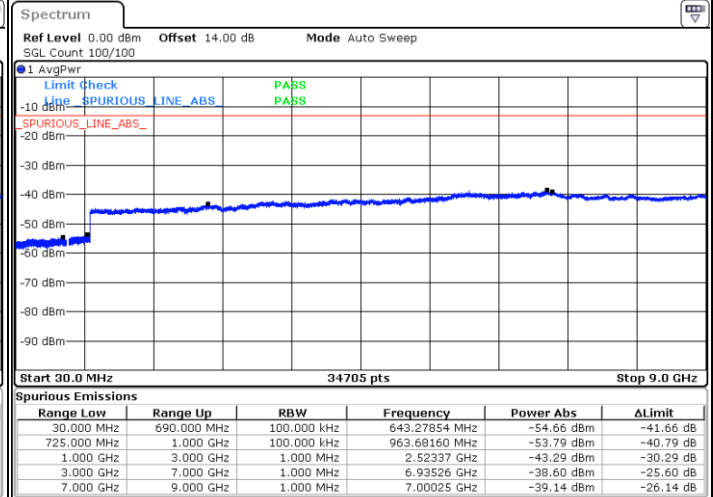
LTE Band 12 / 10MHz

Lowest Channel / QPSK



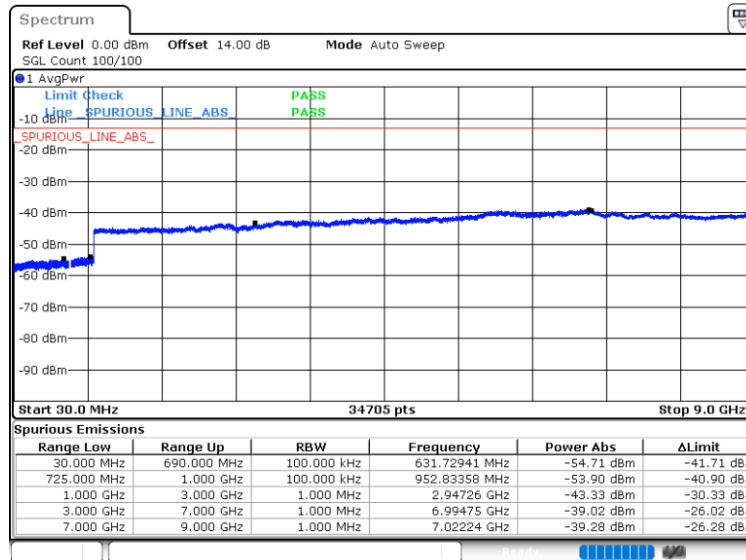
Date: 8.NOV.2024 18:14:47

Middle Channel / QPSK



Date: 8.NOV.2024 18:15:57

Highest Channel / QPSK



Date: 8.NOV.2024 18:23:04

Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 1.4MHz	Note 2.
		Frequency Offset (Δf) (Hz)	Result
50	Normal Voltage	1.5	PASS
40	Normal Voltage	-1.2	
30	Normal Voltage	1.7	
20(Ref.)	Normal Voltage	2.3	
10	Normal Voltage	1.9	
0	Normal Voltage	2.6	
-10	Normal Voltage	1.4	
-20	Normal Voltage	1.8	
-30	Normal Voltage	3.2	
20	Maximum Voltage	2.4	
20	Normal Voltage	2.3	
20	Battery End Point	1.6	

Note:

1. Normal Voltage = 3.91 V.; Battery End Point (BEP) = 3.4 V.; Maximum Voltage = 4.5 V.
2. The frequency stability shall be sufficient to ensure that the occupied bandwidth stays within the operating frequency block or frequency block group.

$$|\text{MAX}(\Delta f)| = 3.2\text{Hz}$$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	699.137757	$\geq 699 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	715.851053	$\leq 716 \text{ MHz}$	



LTE Band 13

Peak-to-Average Ratio

Mode	LTE Band 13 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.93	5.77	6.26	PASS