FCC RF Test Report

APPLICANT	: Motorola Mobility LLC
EQUIPMENT	: Mobile Cellular Phone
BRAND NAME	: Motorola
MODEL NAME	: XT2503-1, XT2505-3
FCC ID	: IHDT56AU7
STANDARD	: 47 CFR Part 22(H), 24(E), 27(L) , 27(H) , 27(F)
CLASSIFICATION	: PCS Licensed Transmitter Held to Ear (PCE)
TEST DATE(S)	: Dec. 26, 2024 ~ Jan. 07, 2025

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

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

Jason Jia

Approved by: Jason Jia

ACCREDITED Cert #5145.01

Sporton International Inc. (ShenZhen)

1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055

People's Republic of China

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG4D1311B	Rev. 01	Initial issue of report	Jan. 24, 2025

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1046	Conducted Output Power	-	Report Only	-
	§22.913(a)(5)	Effective Radiated Power (Band 5) (Band 26)	ERP < 7 Watt	PASS	-
	§27.50(b)(10) §27.50(c)(10)	Effective Radiated Power (Band 12) (Band 13) (Band 17)	ERP < 3 Watt		-
	§24.232(c)	Equivalent Isotropic Radiated Power (Band 2)	EIRP < 2Watt		-
	§27.50(d)(4)	Equivalent Isotropic Radiated Power (Band 4) (Band 66)	EIRP < 1Watt		-
3.5	§24.232(d)	Peak-to-Average Ratio	<13 dB	PASS	-
3.6	§2.1049	Occupied Bandwidth	-	Report Only	-
3.7	§2.1051 §22.917(a) §24.238(a) §27.53(c)(2)(4) §27.53(g) §27.53(h)	Conducted Band Edge Measurement (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 26) (Band 66)	< 43+10log10(P[Watts])	PASS	-
3.8	§2.1051 §22.917(a) §24.238(a) §27.53(c)(2) §27.53(g) §27.53(h)	Conducted Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 26) (Band 66)	< 43+10log10(P[Watts])	PASS	-
3.9	§2.1055 §22.355	Frequency Stability Temperature & Voltage	< 2.5 ppm for Part 22	PASS	-
	§2.1055 §24.235 §27.54		Within Authorized Band		
4.4	§2.1053 §22.917(a) §24.238(a) §27.53(c)(2) §27.53(f) §27.53(g) §27.53(h)	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 26) (Band 66)	< 43+10$\log_{10}$(P[Watts])	PASS	Under limit 23.03 dB at 1559.50 MHz

Conformity Assessment Condition:

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

Disclaimer:

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

1 General Description

1.1 Applicant

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	XT2503-1, XT2505-3
FCC ID	IHDT56AU7
IMEI Code	Conducted: 354424860019615 Radiation: 354424860020035/354424860020043
HW Version	DVT2
SW Version	V2VC35.13
EUT Stage	Identical Prototype

Note: There are two types of EUT, model name: XT2503-1 is sample 1 and model name: XT2505-3 is sample 2, the differences could be referred to the XT2503-1, XT2505-3_Operational Description of Product Equality Declaration which is exhibit separately. According to the difference, for RF report, we choose sample 1 to full test

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	LTE Band 2 : 1850 MHz ~ 1910 MHz LTE Band 4 : 1710 MHz ~ 1755 MHz 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 66 : 1710 MHz ~ 1780 MHz
Rx Frequency	LTE Band 2 : 1930 MHz ~ 1990 MHz LTE Band 4 : 2110 MHz ~ 2155 MHz 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 66 : 2110 MHz~ 2200 MHz
Bandwidth	LTE Band 2 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 4 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz 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 66 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz
Maximum Output Power to Antenna	**Ant0:** LTE Band 2 : 20.37 dBm LTE Band 4 : 20.33 dBm LTE Band 5 : 22.46 dBm LTE Band 12 : 22.51 dBm LTE Band 13 : 22.47 dBm LTE Band 17 : 22.50 dBm LTE Band 26 : 22.52 dBm LTE Band 66 : 20.37 dBm **Ant1:** LTE Band 2 : 20.55 dBm LTE Band 4 : 20.46 dBm LTE Band 5 : 22.49 dBm LTE Band 12 : 21.96 dBm LTE Band 13 : 21.73 dBm LTE Band 17 : 21.95 dBm LTE Band 26 : 22.51 dBm LTE Band 66 : 20.49 dBm **Ant2:** LTE Band 2 : 22.49 dBm LTE Band 4 : 22.45 dBm LTE Band 66 : 22.48 dBm **Ant9:** LTE Band 2 : 22.51 dBm LTE Band 4 : 22.46 dBm

	LTE Band 66 : 22.49 dBm
Antenna Gain	**Ant0:** LTE Band 2 : -6.2 dBi LTE Band 4 : -6.9 dBi LTE Band 5 : -5.1 dBi LTE Band 12 : -4.9 dBi LTE Band 13 : -4.6 dBi LTE Band 17 : -4.9 dBi LTE Band 26 : -5.1 dBi LTE Band 66 : -6.9 dBi **Ant1:** LTE Band 2 : -2.9 dBi LTE Band 4 : -3.9 dBi LTE Band 5 : -4.5 dBi LTE Band 12 : -7.1 dBi LTE Band 13 : -6.8 dBi LTE Band 17 : -7.1 dBi LTE Band 26 : -4.5 dBi LTE Band 66 : -3.9 dBi **Ant2:** LTE Band 2 : -1.1 dBi LTE Band 4 : -2.2 dBi LTE Band 66 : -2.2 dBi **Ant9:** LTE Band 2 : -8.3 dBi LTE Band 4 : -7.2 dBi LTE Band 66 : -7.2 dBi
Type of Modulation	QPSK / 16QAM / 64QAM / 256QAM

Note:

1. The maximum ERP/EIRP is calculated from max output power and max antenna gain, so only the maximum ERP/EIRP of Antenna 0 for LTE Band12/13/17 and Antenna 1 for LTE Band5/26 and Antenna 2 for LTE Band2/4/66 are shown in the report.
2. The device supports two PAs(Main PA and other PA) for LTE Band 2/4/66, we chose higher power PA to calculate the EIRP and show in the report.

1.5 Modification of EUT

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

1.6 Specification of Accessory

Accessories Information				
AC Adapter 1(US)	**Brand Name**	Motorola(Chenyang)	**Model Name**	MC-681N
AC Adapter 1(EU)	**Brand Name**	Motorola(Chenyang)	**Model Name**	MC-682N
AC Adapter 1(UK)	**Brand Name**	Motorola(Chenyang)	**Model Name**	MC-683N
AC Adapter 1(AU)	**Brand Name**	Motorola(Chenyang)	**Model Name**	MC-685N
AC Adapter 1(AR)	**Brand Name**	Motorola(Chenyang)	**Model Name**	MC-686N
AC Adapter 1(BR)	**Brand Name**	Motorola(Chenyang)	**Model Name**	MC-687N
AC Adapter 1(CHILE)	**Brand Name**	Motorola(Chenyang)	**Model Name**	MC-689N
AC Adapter 2(US)	**Brand Name**	Motorola(Acbel)	**Model Name**	MC-681N
AC Adapter 2(EU)	**Brand Name**	Motorola(Acbel)	**Model Name**	MC-682N
AC Adapter 2(UK)	**Brand Name**	Motorola(Acbel)	**Model Name**	MC-683N
AC Adapter 2(AU)	**Brand Name**	Motorola(Acbel)	**Model Name**	MC-685N
AC Adapter 2(AR)	**Brand Name**	Motorola(Acbel)	**Model Name**	MC-686N
AC Adapter 2(BR)	**Brand Name**	Motorola(Acbel)	**Model Name**	MC-687N
AC Adapter 2(CHILE)	**Brand Name**	Motorola(Acbel)	**Model Name**	MC-689N
Battery 1	**Brand Name**	Motorola(ATL)	**Model Name**	RM52
Battery 2	**Brand Name**	Motorola(Cosmx)	**Model Name**	RM52
USB Cable 1	**Brand Name**	Motorola(saibao)	**Model Name**	SC18D71644
USB Cable 2	**Brand Name**	Motorola(Luxshare)	**Model Name**	SC18E08104
USB Cable 3	**Brand Name**	Motorola(saibao)	**Model Name**	SC18D86731
USB Cable 4	**Brand Name**	Motorola(Luxshare)	**Model Name**	SC18E08103
Wireless Earphones	**Brand Name**	Motorola	**Model Name**	XT2443-1

1.7 Maximum ERP/EIRP Power and Emission Designator

LTE Band 2		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
1.4	1850.7 ~ 1909.3	0.1361	1M09G7D	0.1148	1M10W7D
3	1851.5 ~ 1908.5	0.1368	2M71G7D	0.1175	2M72W7D
5	1852.5 ~ 1907.5	0.1368	4M50G7D	0.1178	4M48W7D
10	1855.0 ~ 1905.0	0.1365	9M07G7D	0.1189	9M01W7D
15	1857.5 ~ 1902.5	0.1365	13M4G7D	0.1172	13M6W7D
20	1860.0 ~ 1900.0	0.1377	17M9G7D	0.1183	17M9W7D
LTE Band 4		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
1.4	1710.7 ~ 1754.3	0.1050	1M10G7D	0.0902	1M10W7D
3	1711.5 ~ 1753.5	0.1050	2M71G7D	0.0899	2M73W7D
5	1712.5 ~ 1752.5	0.1052	4M49G7D	0.0908	4M50W7D
10	1715.0 ~ 1750.0	0.1047	9M03G7D	0.0902	9M03W7D
15	1717.5 ~ 1747.5	0.1047	13M5G7D	0.0902	13M4W7D
20	1720.0 ~ 1745.0	0.1059	17M9G7D	0.0912	17M9W7D
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	0.0379	1M08G7D	0.0323	1M10W7D
3	825.5 ~ 847.5	0.0378	2M72G7D	0.0326	2M70W7D
5	826.5 ~ 846.5	0.0379	4M49G7D	0.0324	4M48W7D
10	829.0 ~ 844.0	0.0384	9M05G7D	0.0332	9M03W7D
LTE Band 12		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
1.4	699.7 ~ 715.3	0.0345	1M09G7D	0.0270	1M09W7D
3	700.5 ~ 714.5	0.0348	2M72G7D	0.0281	2M72W7D
5	701.5 ~ 713.5	0.0348	4M50G7D	0.0281	4M50W7D
10	704.0 ~ 711.0	0.0352	9M03G7D	0.0283	9M05W7D

LTE Band 13		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
5	779.5 ~ 784.5	0.0372	4M51G7D	0.0306	4M50W7D
10	782.0	0.0373	9M03G7D	0.0305	9M07W7D
LTE Band 17		**QPSK**		**16QAM/64QAM/256QAM**	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
5	706.5 ~ 713.5	0.0348	4M50G7D	0.0278	4M50W7D
10	709.0 ~ 711.0	0.0351	9M03G7D	0.0283	9M05W7D
LTE Band 26		**QPSK**		**16QAM/64QAM/256QAM**	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
1.4	824.7 ~ 848.3	0.0378	1M08G7D	0.0324	1M10W7D
3	825.5 ~ 847.5	0.0375	2M72G7D	0.0321	2M70W7D
5	826.5 ~ 846.5	0.0378	4M49G7D	0.0324	4M48W7D
10	829.0 ~ 844.0	0.0375	9M05G7D	0.0326	9M03W7D
15	831.5 ~ 841.5	0.0385	13M4G7D	0.0332	13M5W7D
CH26790	824.0	0.0380	13M5G7D	0.0324	13M5W7D
LTE Band 66		**QPSK**		**16QAM/64QAM/256QAM**	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
1.4	1710.7 ~ 1779.3	0.1057	1M10G7D	0.0899	1M10W7D
3	1711.5 ~ 1778.5	0.1047	2M71G7D	0.0897	2M73W7D
5	1712.5 ~ 1777.5	0.1047	4M49G7D	0.0904	4M50W7D
10	1715.0 ~ 1775.0	0.1047	9M03G7D	0.0906	9M03W7D
15	1717.5 ~ 1772.5	0.1052	13M5G7D	0.0906	13M4W7D
20	1720.0 ~ 1770.0	0.1067	17M9G7D	0.0902	17M9W7D

Note:

1. LTE Band 26 overlaps the entire frequency range of LTE Band 5. Therefore, the test results provided in this report covers Band 26 as well as Band 5.
2. LTE Band 66 overlaps the entire frequency range of LTE Band 4. Therefore, the test results provided in this report covers Band 66 as well as Band 4.
3. 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.
4. All modulations have been tested, and only the worst test results of PSK & QAM are shown in the report.

1.8 Testing Location

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

Test Firm	Sporton International Inc. (ShenZhen)		
Test Site Location	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 Firm	Sporton International Inc. (ShenZhen)		
Test Site Location	101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City, Guangdong Province 518103 People's Republic of China TEL: +86-755-86066985		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	03CH01-SZ	CN1256	421272

1.9 Test Software

Item	Site	Manufacture	Name	Version
1.	03CH01-SZ	AUDIX	E3	6.2009-8-24

1.10 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), 24(E), 27(L) , 27(H) , 27(F)
- ANSI C63.26-2015
- FCC KDB 971168 D01 Power Meas License Digital Systems v03r01
- FCC KDB 412172 D01 Determining ERP and EIRP v01r01

Remark:

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

2 Test Configuration of Equipment Under Test

2.1 Test Mode

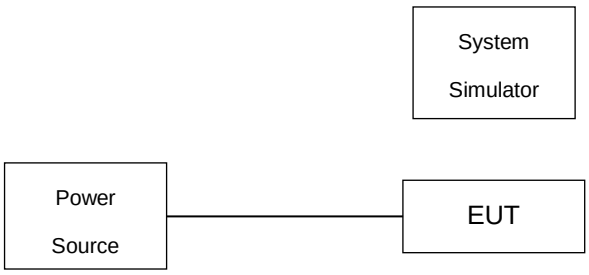
Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas License Digital Systems v03r01 with maximum output power.

Radiated measurements are performed by rotating the EUT in three different orthogonal test planes for Adapter mode and Earphone mode to find the maximum emission. (Z/Y-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	2	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	4	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	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
	66	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
Peak-to-Average Ratio	2						v	v	v	v				v		v	
	12				v	-	-	v	v	v				v		v	
	13	-	-		v	-	-	v	v	v				v		v	
	26					v	-	v	v	v				v		v	
	66						v	v	v	v				v		v	
26dB and 99% Bandwidth	2	v	v	v	v	v	v	v	v					v		v	
	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	
	66	v	v	v	v	v	v	v	v					v		v	
Conducted Band Edge	2	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
	13	-	-	v	v	-	-	v	v	v		v		v	v		v
	26	v	v	v	v	v	-	v	v	v		v		v	v		v
	66	v	v	v	v	v	v	v	v	v		v		v	v		v
Conducted Spurious Emission	2	v	v	v	v	v	v	v				v			v	v	v
	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
	66	v	v	v	v	v	v	v				v			v	v	v
Frequency Stability	2				v			v						v		v	
	12				v	-	-	v						v		v	
	13	-	-		v	-	-	v						v		v	
	26				v		-	v						v		v	
	66				v			v						v		v	
E.R.P / E.I.R.P	2	v	v	v	v	v	v	v	v	v	v	v			v	v	v
	4	v	v	v	v	v	v	v	v	v	v	v			v	v	v
	5	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

	13	-	-	v	v	-	-	v	v	v	v	v			v	v	v
	17	-	-	v	v	-	-	v	v	v	v	v			v	v	v
	26	v	v	v	v	v	-	v	v	v	v	v			v	v	v
	66	v	v	v	v	v	v	v	v	v	v	v			v	v	v
Radiated Spurious Emission	2	Worst Case														v	
	12	Worst Case														v	
	13	Worst Case														v	
	26	Worst Case														v	
	66	Worst Case														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																

2.2 Connection Diagram of Test System



This example is connection diagram of EUT test configurations.

. For detail, please refer to test mode configuration and setup photographs for each test item.

2.3 Support Unit used in test configuration and system

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

2.4 Measurement Results Explanation Example

For all conducted test items:

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

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

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.5 dB and 10dB attenuator.

Example :

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

= 4.5 + 10 = 14.5 (dB)

2.5 Frequency List of Low/Middle/High Channels

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

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

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

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

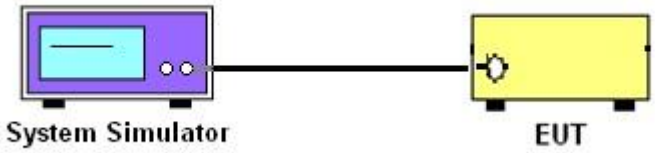
3 Conducted Test Items

3.1 Measuring Instruments

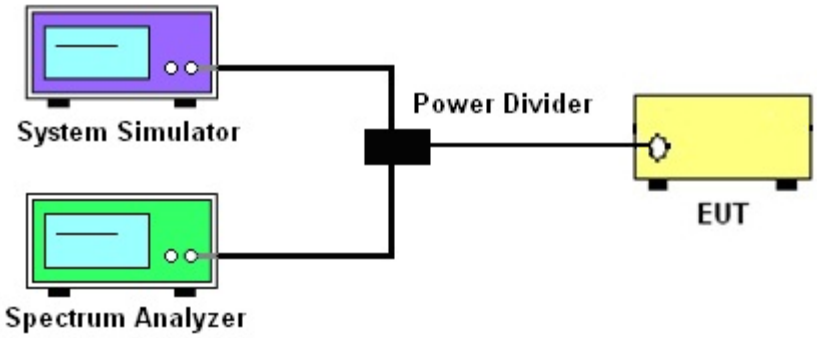
See list of measuring instruments of this test report.

3.2 Test Setup

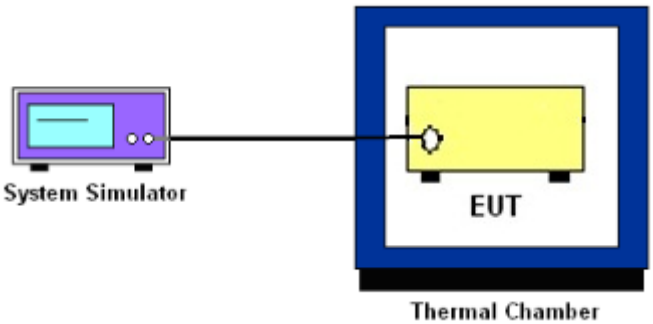
3.2.1 Conducted Output Power



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/EIRP

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

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

The ERP of mobile transmitters must not exceed 7 Watts for LTE Band 5 and Band 26.

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

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

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

According to KDB 412172 D01 Power Approach,

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

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

3.4.2 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.

3.5 Peak-to-Average Ratio

3.5.1 Description of the PAR Measurement

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

3.5.2 Test Procedures

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

3.6 Occupied Bandwidth

3.6.1 Description of Occupied Bandwidth Measurement

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

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

3.6.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.4
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be between two and five times the anticipated OBW.
4. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
5. Set the detection mode to peak, and the trace mode to max hold.
6. Determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace. (this is the reference value)
7. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
8. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “–X dB down amplitude” determined in step 6. If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.
9. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.

3.7 Conducted Band Edge

3.7.1 Description of Conducted Band Edge Measurement

22.917(a)

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

24.238 (a)

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

27.53 (c)

For operations in the 776-788 MHz band, the FCC limit is 43 + $10\log_{10}$(P[Watts]) dB below the transmitter power P(Watts) in a 100 kHz bandwidth. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed. In addition, the power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least 65 + 10 log10 p(watts), dB, for mobile and portable equipment.

27.53 (g)

For operations in the 600MHz band and 698 -746 MHz band, the FCC limit is 43 + 10log10(P[Watts]) dB below the transmitter power P(Watts) in a 100 kHz bandwidth. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

27.53 (h)

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

3.7.2 Test Procedures

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

   Example:

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

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

   = [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB) = -13dBm.
8. When using the integration method, the starting frequency of the integration shall be centered at one-half of the RBW away from the band edge.

3.8 Conducted Spurious Emission

3.8.1 Description of Conducted Spurious Emission Measurement

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

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

3.8.2 Test Procedures

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

3.9 Frequency Stability

3.9.1 Description of Frequency Stability Measurement

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

3.9.2 Test Procedures for Temperature Variation

1. The testing follows ANSI C63.26 section 5.6.4
2. The EUT was set up in the thermal chamber and connected with the system simulator.
3. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
4. With power OFF, the temperature was raised in 10°C step up to 50°C. The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

3.9.3 Test Procedures for Voltage Variation

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

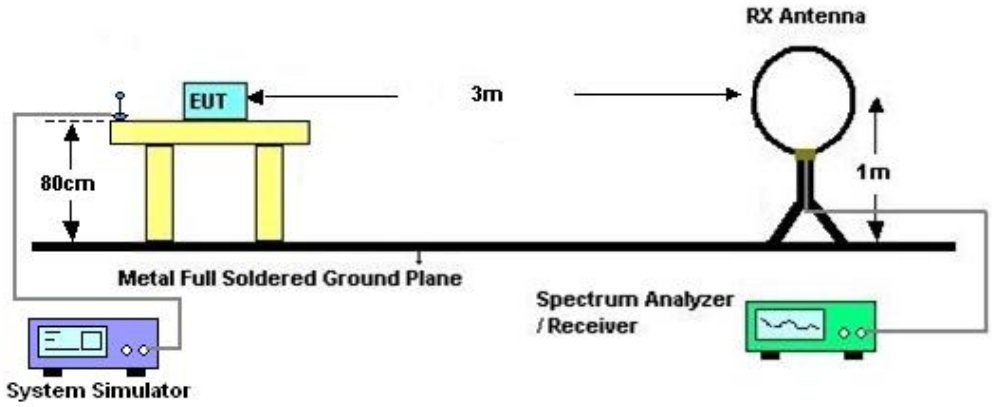
4 Radiated Test Items

4.1 Measuring Instruments

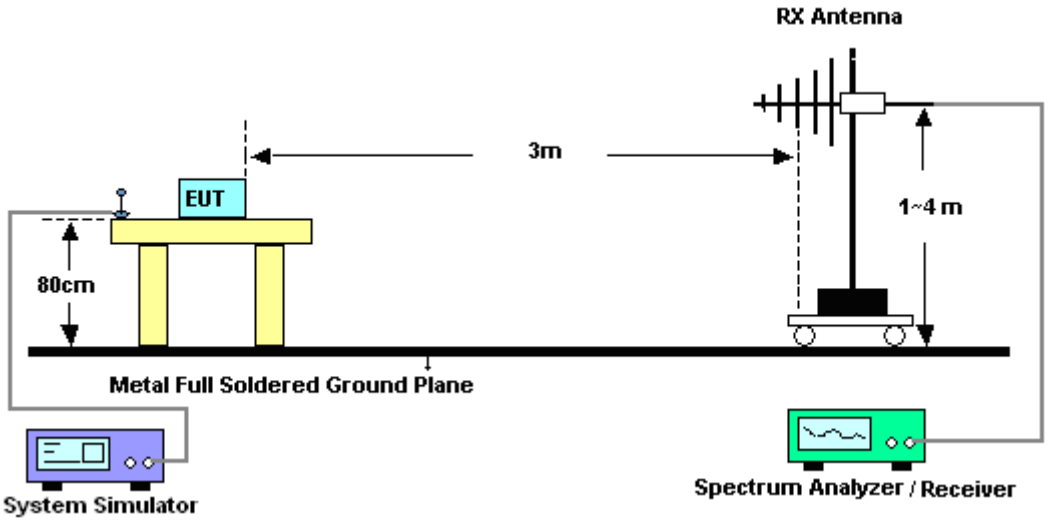
See list of measuring instruments of this test report.

4.2 Test Setup

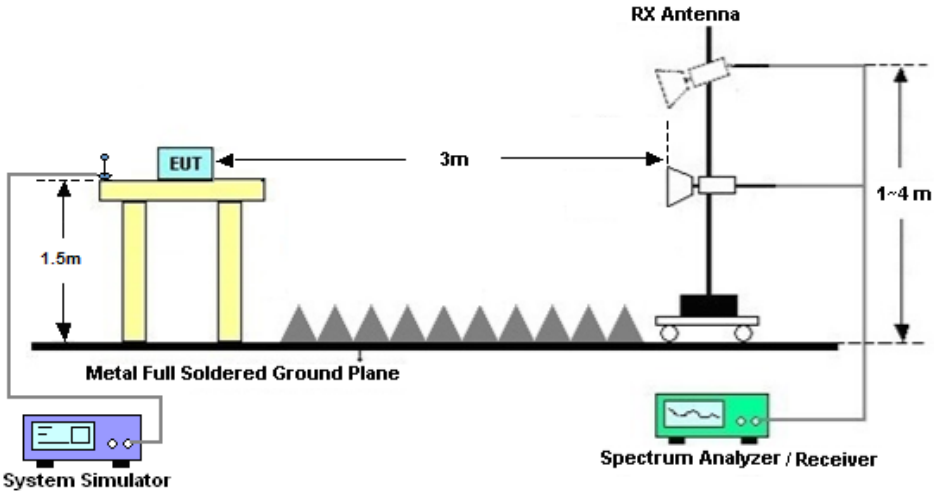
4.2.1 For radiated test below 30MHz



4.2.2 For radiated test from 30MHz to 1GHz



4.2.3 For radiated test above 1GHz



4.3 Test Result of Radiated Test

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

Please refer to Appendix B.

4.4 Radiated Spurious Emission

4.4.1 Description of Radiated Spurious Emission

The radiated spurious emission was measured by substitution method according to ANSI C63.26. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least 43 + 10 log (P) dB.

For LTE Band 13

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

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

4.4.2 Test Procedures

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

5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 09, 2024	Dec. 28, 2024~ Jan. 07, 2025	Apr. 08, 2025	Conducted (TH01-SZ)
Power Divider	Titan	P02N005180	923402	0.4GHz~26.5GHz	Nov. 08, 2024	Dec. 28, 2024~ Jan. 07, 2025	Nov. 07, 2025	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H2014081803	-40~+150°C	Jul. 03, 2024	Dec. 28, 2024~ Jan. 07, 2025	Jul. 02, 2025	Conducted (TH01-SZ)
EMI Test Receiver&SA	Agilent	N9038A	MY52260185	20Hz~26.5GHz	Dec. 27, 2023	Dec. 26, 2024	Dec. 26, 2024	Radiation (03CH01-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 29, 2023	Dec. 26, 2024	Dec. 28, 2024	Radiation (03CH01-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5Ghz	Oct. 14, 2024	Dec. 26, 2024	Oct. 13, 2025	Radiation (03CH01-SZ
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz-2GHz	Oct. 24, 2023	Dec. 26, 2024	Oct. 23, 2025	Radiation (03CH01-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 04, 2024	Dec. 26, 2024	Jul. 03, 2025	Radiation (03CH01-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 09, 2024	Dec. 26, 2024	Apr. 08, 2025	Radiation (03CH01-SZ)
LF Amplifier	Burgeon	BPA-530	102209	0.01~3000Mhz	Apr. 09, 2024	Dec. 26, 2024	Apr. 08, 2025	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	AMF-7D-00101800-30-10P-R	1943528	1GHz~18GHz	Oct. 14, 2024	Dec. 26, 2024	Oct. 13, 2025	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 03, 2024	Dec. 26, 2024	Jul. 02, 2025	Radiation (03CH01-SZ)
AC Power Source	Chroma	61601	616010001985	N/A	Oct. 14, 2024	Dec. 26, 2024	Oct. 13, 2025	Radiation (03CH01-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Dec. 26, 2024	NCR	Radiation (03CH01-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Dec. 26, 2024	NCR	Radiation (03CH01-SZ)

NCR: No Calibration Required

6 Measurement Uncertainty

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

Uncertainty of Conducted Measurement

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

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.48dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.53dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.02dB

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

Appendix A. Test Results of Conducted Test

Test Engineer :	Khan Zhen	Temperature :	22~23℃
		Relative Humidity :	40~42%

Conducted Output Power(Average power) and ERP/EIRP

LTE Band 2_Ant2:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				18700	18900	19100			
Frequency (MHz)				1860	1880	1900	L	M	H
20	QPSK	1	0	22.39	22.49	22.45	0.1346	0.1377	0.1365
20	QPSK	1	49	22.36	22.45	22.34	0.1337	0.1365	0.1330
20	QPSK	1	99	22.37	22.36	22.34	0.1340	0.1337	0.1330
20	QPSK	50	0	21.38	21.42	21.34	0.1067	0.1076	0.1057
20	QPSK	50	24	21.30	21.30	21.27	0.1047	0.1047	0.1040
20	QPSK	50	50	21.28	21.37	21.33	0.1042	0.1064	0.1054
20	QPSK	100	0	21.35	21.39	21.30	0.1059	0.1069	0.1047
20	16QAM	1	0	21.67	21.69	21.74	0.1140	0.1146	0.1159
20	16QAM	1	49	21.72	21.83	21.74	0.1153	0.1183	0.1159
20	16QAM	1	99	21.72	21.74	21.61	0.1153	0.1159	0.1125
20	16QAM	50	0	20.32	20.43	20.30	0.0836	0.0857	0.0832
20	16QAM	50	24	20.31	20.38	20.34	0.0834	0.0847	0.0839
20	16QAM	50	50	20.35	20.31	20.35	0.0841	0.0834	0.0841
20	16QAM	100	0	20.34	20.30	20.33	0.0839	0.0832	0.0838
20	64QAM	1	0	20.52	20.50	20.42	0.0875	0.0871	0.0855
20	64QAM	1	49	20.46	20.47	20.49	0.0863	0.0865	0.0869
20	64QAM	1	99	20.44	20.53	20.55	0.0859	0.0877	0.0881
20	64QAM	50	0	19.39	19.30	19.36	0.0675	0.0661	0.0670
20	64QAM	50	24	19.27	19.40	19.43	0.0656	0.0676	0.0681
20	64QAM	50	50	19.35	19.35	19.28	0.0668	0.0668	0.0658
20	64QAM	100	0	19.31	19.32	19.34	0.0662	0.0664	0.0667
20	256QAM	1	0	17.40	17.54	17.40	0.0427	0.0441	0.0427
20	256QAM	1	49	17.36	17.52	17.50	0.0423	0.0439	0.0437
20	256QAM	1	99	17.44	17.48	17.38	0.0431	0.0435	0.0425
20	256QAM	50	0	17.43	17.44	17.43	0.0430	0.0431	0.0430
20	256QAM	50	24	17.36	17.46	17.38	0.0423	0.0433	0.0425
20	256QAM	50	50	17.40	17.46	17.38	0.0427	0.0433	0.0425
20	256QAM	100	0	17.43	17.47	17.40	0.0430	0.0434	0.0427
Channel				18675	18900	19125	EIRP(W)		
Frequency (MHz)				1857.5	1880	1902.5	L	M	H
15	QPSK	1	0	22.44	22.42	22.43	0.1361	0.1355	0.1358
15	QPSK	1	37	22.34	22.45	22.40	0.1330	0.1365	0.1349
15	QPSK	1	74	22.39	22.43	22.33	0.1346	0.1358	0.1327
15	QPSK	36	0	21.30	21.42	21.25	0.1047	0.1076	0.1035
15	QPSK	36	20	21.32	21.36	21.25	0.1052	0.1062	0.1035

15	QPSK	36	39	21.32	21.38	21.33	0.1052	0.1067	0.1054
15	QPSK	75	0	21.28	21.41	21.34	0.1042	0.1074	0.1057
15	16QAM	1	0	21.57	21.74	21.71	0.1114	0.1159	0.1151
15	16QAM	1	37	21.68	21.77	21.68	0.1143	0.1167	0.1143
15	16QAM	1	74	21.79	21.77	21.62	0.1172	0.1167	0.1127
15	16QAM	36	0	20.29	20.41	20.35	0.0830	0.0853	0.0841
15	16QAM	36	20	20.35	20.28	20.35	0.0841	0.0828	0.0841
15	16QAM	36	39	20.37	20.32	20.35	0.0845	0.0836	0.0841
15	16QAM	75	0	20.40	20.35	20.31	0.0851	0.0841	0.0834
15	64QAM	1	0	20.52	20.48	20.45	0.0875	0.0867	0.0861
15	64QAM	1	37	20.51	20.51	20.49	0.0873	0.0873	0.0869
15	64QAM	1	74	20.44	20.56	20.61	0.0859	0.0883	0.0893
15	64QAM	36	0	19.44	19.32	19.30	0.0682	0.0664	0.0661
15	64QAM	36	20	19.26	19.40	19.43	0.0655	0.0676	0.0681
15	64QAM	36	39	19.27	19.40	19.37	0.0656	0.0676	0.0671
15	64QAM	75	0	19.28	19.28	19.38	0.0658	0.0658	0.0673
15	256QAM	1	0	17.47	17.53	17.45	0.0434	0.0440	0.0432
15	256QAM	1	37	17.47	17.46	17.48	0.0434	0.0433	0.0435
15	256QAM	1	74	17.42	17.48	17.40	0.0429	0.0435	0.0427
15	256QAM	36	0	17.46	17.50	17.46	0.0433	0.0437	0.0433
15	256QAM	36	20	17.42	17.45	17.42	0.0429	0.0432	0.0429
15	256QAM	36	39	17.45	17.49	17.46	0.0432	0.0436	0.0433
15	256QAM	75	0	17.44	17.38	17.38	0.0431	0.0425	0.0425
Channel				18650	18900	19150	EIRP(W)		
Frequency (MHz)				1855	1880	1905	L	M	H
10	QPSK	1	0	22.38	22.45	22.37	0.1343	0.1365	0.1340
10	QPSK	1	25	22.37	22.39	22.39	0.1340	0.1346	0.1346
10	QPSK	1	49	22.36	22.39	22.34	0.1337	0.1346	0.1330
10	QPSK	25	0	21.27	21.43	21.33	0.1040	0.1079	0.1054
10	QPSK	25	12	21.39	21.37	21.29	0.1069	0.1064	0.1045
10	QPSK	25	25	21.26	21.34	21.23	0.1038	0.1057	0.1030
10	QPSK	50	0	21.32	21.38	21.31	0.1052	0.1067	0.1050
10	16QAM	1	0	21.65	21.73	21.68	0.1135	0.1156	0.1143
10	16QAM	1	25	21.73	21.85	21.64	0.1156	0.1189	0.1132
10	16QAM	1	49	21.71	21.81	21.56	0.1151	0.1178	0.1112
10	16QAM	25	0	20.25	20.43	20.27	0.0822	0.0857	0.0826
10	16QAM	25	12	20.31	20.35	20.33	0.0834	0.0841	0.0838
10	16QAM	25	25	20.29	20.38	20.34	0.0830	0.0847	0.0839
10	16QAM	50	0	20.34	20.31	20.28	0.0839	0.0834	0.0828
10	64QAM	1	0	20.51	20.57	20.41	0.0873	0.0885	0.0853
10	64QAM	1	25	20.42	20.52	20.46	0.0855	0.0875	0.0863
10	64QAM	1	49	20.34	20.59	20.52	0.0839	0.0889	0.0875
10	64QAM	25	0	19.38	19.37	19.34	0.0673	0.0671	0.0667
10	64QAM	25	12	19.31	19.41	19.37	0.0662	0.0678	0.0671
10	64QAM	25	25	19.25	19.35	19.27	0.0653	0.0668	0.0656
10	64QAM	50	0	19.32	19.26	19.40	0.0664	0.0655	0.0676
10	256QAM	1	0	17.46	17.46	17.38	0.0433	0.0433	0.0425
10	256QAM	1	25	17.35	17.46	17.45	0.0422	0.0433	0.0432
10	256QAM	1	49	17.46	17.40	17.41	0.0433	0.0427	0.0428
10	256QAM	25	0	17.42	17.49	17.47	0.0429	0.0436	0.0434

10	256QAM	25	12	17.35	17.46	17.43	0.0422	0.0433	0.0430
10	256QAM	25	25	17.46	17.40	17.39	0.0433	0.0427	0.0426
10	256QAM	50	0	17.43	17.39	17.35	0.0430	0.0426	0.0422
Channel				18625	18900	19175	EIRP(W)		
Frequency (MHz)				1852.5	1880	1907.5	L	M	H
5	QPSK	1	0	22.39	22.46	22.42	0.1346	0.1368	0.1355
5	QPSK	1	12	22.40	22.46	22.38	0.1349	0.1368	0.1343
5	QPSK	1	24	22.31	22.41	22.39	0.1321	0.1352	0.1346
5	QPSK	12	0	21.30	21.35	21.30	0.1047	0.1059	0.1047
5	QPSK	12	7	21.38	21.34	21.32	0.1067	0.1057	0.1052
5	QPSK	12	13	21.29	21.30	21.34	0.1045	0.1047	0.1057
5	QPSK	25	0	21.31	21.32	21.33	0.1050	0.1052	0.1054
5	16QAM	1	0	21.63	21.74	21.78	0.1130	0.1159	0.1169
5	16QAM	1	12	21.63	21.75	21.67	0.1130	0.1161	0.1140
5	16QAM	1	24	21.81	21.71	21.58	0.1178	0.1151	0.1117
5	16QAM	12	0	20.25	20.35	20.36	0.0822	0.0841	0.0843
5	16QAM	12	7	20.26	20.33	20.29	0.0824	0.0838	0.0830
5	16QAM	12	13	20.37	20.28	20.30	0.0845	0.0828	0.0832
5	16QAM	25	0	20.39	20.32	20.36	0.0849	0.0836	0.0843
5	64QAM	1	0	20.52	20.56	20.49	0.0875	0.0883	0.0869
5	64QAM	1	12	20.47	20.46	20.48	0.0865	0.0863	0.0867
5	64QAM	1	24	20.42	20.55	20.52	0.0855	0.0881	0.0875
5	64QAM	12	0	19.44	19.31	19.31	0.0682	0.0662	0.0662
5	64QAM	12	7	19.31	19.44	19.33	0.0662	0.0682	0.0665
5	64QAM	12	13	19.31	19.37	19.33	0.0662	0.0671	0.0665
5	64QAM	25	0	19.28	19.28	19.41	0.0658	0.0658	0.0678
5	256QAM	1	0	17.41	17.49	17.39	0.0428	0.0436	0.0426
5	256QAM	1	12	17.36	17.46	17.48	0.0423	0.0433	0.0435
5	256QAM	1	24	17.47	17.40	17.38	0.0434	0.0427	0.0425
5	256QAM	12	0	17.41	17.46	17.44	0.0428	0.0433	0.0431
5	256QAM	12	7	17.42	17.45	17.42	0.0429	0.0432	0.0429
5	256QAM	12	13	17.45	17.40	17.37	0.0432	0.0427	0.0424
5	256QAM	25	0	17.35	17.42	17.37	0.0422	0.0429	0.0424
Channel				18615	18900	19185	EIRP(W)		
Frequency (MHz)				1851.5	1880	1908.5	L	M	H
3	QPSK	1	0	22.39	22.43	22.44	0.1346	0.1358	0.1361
3	QPSK	1	8	22.38	22.46	22.35	0.1343	0.1368	0.1334
3	QPSK	1	14	22.41	22.43	22.39	0.1352	0.1358	0.1346
3	QPSK	8	0	21.34	21.39	21.28	0.1057	0.1069	0.1042
3	QPSK	8	4	21.37	21.38	21.23	0.1064	0.1067	0.1030
3	QPSK	8	7	21.27	21.28	21.27	0.1040	0.1042	0.1040
3	QPSK	15	0	21.29	21.31	21.34	0.1045	0.1050	0.1057
3	16QAM	1	0	21.60	21.68	21.73	0.1122	0.1143	0.1156
3	16QAM	1	8	21.68	21.80	21.75	0.1143	0.1175	0.1161
3	16QAM	1	14	21.74	21.77	21.66	0.1159	0.1167	0.1138
3	16QAM	8	0	20.24	20.38	20.31	0.0820	0.0847	0.0834
3	16QAM	8	4	20.33	20.34	20.27	0.0838	0.0839	0.0826
3	16QAM	8	7	20.35	20.38	20.36	0.0841	0.0847	0.0843
3	16QAM	15	0	20.34	20.39	20.32	0.0839	0.0849	0.0836
3	64QAM	1	0	20.44	20.50	20.52	0.0859	0.0871	0.0875

3	64QAM	1	8	20.42	20.53	20.49	0.0855	0.0877	0.0869
3	64QAM	1	14	20.42	20.64	20.53	0.0855	0.0899	0.0877
3	64QAM	8	0	19.35	19.37	19.30	0.0668	0.0671	0.0661
3	64QAM	8	4	19.32	19.37	19.35	0.0664	0.0671	0.0668
3	64QAM	8	7	19.30	19.36	19.34	0.0661	0.0670	0.0667
3	64QAM	15	0	19.30	19.31	19.34	0.0661	0.0662	0.0667
3	256QAM	1	0	17.45	17.53	17.42	0.0432	0.0440	0.0429
3	256QAM	1	8	17.38	17.43	17.42	0.0425	0.0430	0.0429
3	256QAM	1	14	17.39	17.48	17.36	0.0426	0.0435	0.0423
3	256QAM	8	0	17.36	17.41	17.37	0.0423	0.0428	0.0424
3	256QAM	8	4	17.45	17.42	17.41	0.0432	0.0429	0.0428
3	256QAM	8	7	17.35	17.50	17.43	0.0422	0.0437	0.0430
3	256QAM	15	0	17.40	17.47	17.37	0.0427	0.0434	0.0424
Channel				18607	18900	19193	EIRP(W)		
Frequency (MHz)				1850.7	1880	1909.3	L	M	H
1.4	QPSK	1	0	22.30	22.44	22.29	0.1318	0.1361	0.1315
1.4	QPSK	1	3	22.27	22.33	22.36	0.1309	0.1327	0.1337
1.4	QPSK	1	5	22.27	22.33	22.34	0.1309	0.1327	0.1330
1.4	QPSK	3	0	22.30	22.44	22.28	0.1318	0.1361	0.1312
1.4	QPSK	3	1	22.29	22.33	22.29	0.1315	0.1327	0.1315
1.4	QPSK	3	3	22.28	22.40	22.33	0.1312	0.1349	0.1327
1.4	QPSK	6	0	21.29	21.31	21.24	0.1045	0.1050	0.1033
1.4	16QAM	1	0	21.30	21.33	21.28	0.1047	0.1054	0.1042
1.4	16QAM	1	3	21.29	21.33	21.31	0.1045	0.1054	0.1050
1.4	16QAM	1	5	21.24	21.32	21.22	0.1033	0.1052	0.1028
1.4	16QAM	3	0	21.53	21.64	21.66	0.1104	0.1132	0.1138
1.4	16QAM	3	1	21.64	21.69	21.62	0.1132	0.1146	0.1127
1.4	16QAM	3	3	21.70	21.70	21.57	0.1148	0.1148	0.1114
1.4	16QAM	6	0	20.26	20.29	20.23	0.0824	0.0830	0.0818
1.4	64QAM	1	0	20.30	20.30	20.20	0.0832	0.0832	0.0813
1.4	64QAM	1	3	20.31	20.26	20.21	0.0834	0.0824	0.0815
1.4	64QAM	1	5	20.29	20.24	20.20	0.0830	0.0820	0.0813
1.4	64QAM	3	0	20.48	20.45	20.35	0.0867	0.0861	0.0841
1.4	64QAM	3	1	20.42	20.39	20.34	0.0855	0.0849	0.0839
1.4	64QAM	3	3	20.32	20.48	20.46	0.0836	0.0867	0.0863
1.4	64QAM	6	0	19.20	19.29	19.30	0.0646	0.0659	0.0661
1.4	256QAM	1	0	17.34	17.39	17.38	0.0421	0.0426	0.0425
1.4	256QAM	1	3	17.33	17.39	17.35	0.0420	0.0426	0.0422
1.4	256QAM	1	5	17.40	17.36	17.36	0.0427	0.0423	0.0423
1.4	256QAM	3	0	17.34	17.40	17.40	0.0421	0.0427	0.0427
1.4	256QAM	3	1	17.33	17.41	17.33	0.0420	0.0428	0.0420
1.4	256QAM	3	3	17.39	17.42	17.30	0.0426	0.0429	0.0417
1.4	256QAM	6	0	17.38	17.35	17.30	0.0425	0.0422	0.0417

LTE Band 4_Ant2:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				20050	20175	20300			
Frequency (MHz)				1720	1732.5	1745	L	M	H
20	QPSK	1	0	22.37	22.45	22.44	0.1040	0.1059	0.1057
20	QPSK	1	49	22.42	22.40	22.39	0.1052	0.1047	0.1045
20	QPSK	1	99	22.37	22.44	22.33	0.1040	0.1057	0.1030
20	QPSK	50	0	21.38	21.43	21.36	0.0828	0.0838	0.0824
20	QPSK	50	24	21.32	21.38	21.30	0.0817	0.0828	0.0813
20	QPSK	50	50	21.30	21.38	21.27	0.0813	0.0828	0.0807
20	QPSK	100	0	21.36	21.41	21.35	0.0824	0.0834	0.0822
20	16QAM	1	0	21.57	21.71	21.71	0.0865	0.0893	0.0893
20	16QAM	1	49	21.66	21.80	21.66	0.0883	0.0912	0.0883
20	16QAM	1	99	21.79	21.74	21.56	0.0910	0.0899	0.0863
20	16QAM	50	0	20.21	20.38	20.26	0.0632	0.0658	0.0640
20	16QAM	50	24	20.30	20.34	20.27	0.0646	0.0652	0.0641
20	16QAM	50	50	20.39	20.30	20.29	0.0659	0.0646	0.0644
20	16QAM	100	0	20.35	20.38	20.27	0.0653	0.0658	0.0641
20	64QAM	1	0	20.46	20.54	20.50	0.0670	0.0682	0.0676
20	64QAM	1	49	20.47	20.53	20.42	0.0671	0.0681	0.0664
20	64QAM	1	99	20.44	20.60	20.57	0.0667	0.0692	0.0687
20	64QAM	50	0	19.44	19.30	19.35	0.0530	0.0513	0.0519
20	64QAM	50	24	19.31	19.37	19.34	0.0514	0.0521	0.0518
20	64QAM	50	50	19.35	19.38	19.32	0.0519	0.0522	0.0515
20	64QAM	100	0	19.30	19.25	19.40	0.0513	0.0507	0.0525
20	256QAM	1	0	17.39	17.42	17.44	0.0330	0.0333	0.0334
20	256QAM	1	49	17.45	17.45	17.43	0.0335	0.0335	0.0333
20	256QAM	1	99	17.45	17.38	17.45	0.0335	0.0330	0.0335
20	256QAM	50	0	17.38	17.44	17.44	0.0330	0.0334	0.0334
20	256QAM	50	24	17.45	17.46	17.44	0.0335	0.0336	0.0334
20	256QAM	50	50	17.47	17.48	17.44	0.0337	0.0337	0.0334
20	256QAM	100	0	17.41	17.39	17.45	0.0332	0.0330	0.0335
Channel				20025	20175	20325	EIRP(W)		
Frequency (MHz)				1717.5	1732.5	1747.5	L	M	H
15	QPSK	1	0	22.34	22.40	22.35	0.1033	0.1047	0.1035
15	QPSK	1	37	22.34	22.35	22.32	0.1033	0.1035	0.1028
15	QPSK	1	74	22.35	22.36	22.29	0.1035	0.1038	0.1021
15	QPSK	36	0	21.22	21.34	21.22	0.0798	0.0820	0.0798
15	QPSK	36	20	21.32	21.27	21.24	0.0817	0.0807	0.0802
15	QPSK	36	39	21.32	21.32	21.22	0.0817	0.0817	0.0798
15	QPSK	75	0	21.29	21.26	21.19	0.0811	0.0805	0.0793
15	16QAM	1	0	21.60	21.66	21.66	0.0871	0.0883	0.0883
15	16QAM	1	37	21.68	21.71	21.69	0.0887	0.0893	0.0889
15	16QAM	1	74	21.75	21.67	21.57	0.0902	0.0885	0.0865
15	16QAM	36	0	20.23	20.31	20.22	0.0635	0.0647	0.0634
15	16QAM	36	20	20.22	20.26	20.31	0.0634	0.0640	0.0647
15	16QAM	36	39	20.32	20.33	20.20	0.0649	0.0650	0.0631
15	16QAM	75	0	20.33	20.29	20.29	0.0650	0.0644	0.0644

15	64QAM	1	0	20.45	20.50	20.35	0.0668	0.0676	0.0653
15	64QAM	1	37	20.37	20.45	20.37	0.0656	0.0668	0.0656
15	64QAM	1	74	20.33	20.57	20.46	0.0650	0.0687	0.0670
15	64QAM	36	0	19.35	19.32	19.25	0.0519	0.0515	0.0507
15	64QAM	36	20	19.26	19.33	19.36	0.0508	0.0516	0.0520
15	64QAM	36	39	19.30	19.38	19.23	0.0513	0.0522	0.0505
15	64QAM	75	0	19.23	19.30	19.27	0.0505	0.0513	0.0509
15	256QAM	1	0	17.37	17.38	17.37	0.0329	0.0330	0.0329
15	256QAM	1	37	17.35	17.36	17.34	0.0327	0.0328	0.0327
15	256QAM	1	74	17.32	17.39	17.36	0.0325	0.0330	0.0328
15	256QAM	36	0	17.35	17.36	17.39	0.0327	0.0328	0.0330
15	256QAM	36	20	17.38	17.37	17.38	0.0330	0.0329	0.0330
15	256QAM	36	39	17.31	17.34	17.31	0.0324	0.0327	0.0324
15	256QAM	75	0	17.34	17.41	17.29	0.0327	0.0332	0.0323
Channel				20000	20175	20350	EIRP(W)		
Frequency (MHz)				1715	1732.5	1750	L	M	H
10	QPSK	1	0	22.40	22.36	22.38	0.1047	0.1038	0.1042
10	QPSK	1	25	22.37	22.40	22.32	0.1040	0.1047	0.1028
10	QPSK	1	49	22.32	22.34	22.37	0.1028	0.1033	0.1040
10	QPSK	25	0	21.25	21.36	21.33	0.0804	0.0824	0.0818
10	QPSK	25	12	21.32	21.24	21.24	0.0817	0.0802	0.0802
10	QPSK	25	25	21.25	21.36	21.32	0.0804	0.0824	0.0817
10	QPSK	50	0	21.31	21.29	21.26	0.0815	0.0811	0.0805
10	16QAM	1	0	21.54	21.67	21.67	0.0859	0.0885	0.0885
10	16QAM	1	25	21.66	21.75	21.67	0.0883	0.0902	0.0885
10	16QAM	1	49	21.73	21.72	21.55	0.0897	0.0895	0.0861
10	16QAM	25	0	20.25	20.38	20.30	0.0638	0.0658	0.0646
10	16QAM	25	12	20.20	20.30	20.20	0.0631	0.0646	0.0631
10	16QAM	25	25	20.28	20.24	20.28	0.0643	0.0637	0.0643
10	16QAM	50	0	20.28	20.26	20.22	0.0643	0.0640	0.0634
10	64QAM	1	0	20.39	20.41	20.40	0.0659	0.0662	0.0661
10	64QAM	1	25	20.43	20.37	20.35	0.0665	0.0656	0.0653
10	64QAM	1	49	20.34	20.54	20.44	0.0652	0.0682	0.0667
10	64QAM	25	0	19.35	19.23	19.29	0.0519	0.0505	0.0512
10	64QAM	25	12	19.25	19.39	19.30	0.0507	0.0524	0.0513
10	64QAM	25	25	19.24	19.34	19.20	0.0506	0.0518	0.0501
10	64QAM	50	0	19.27	19.26	19.34	0.0509	0.0508	0.0518
10	256QAM	1	0	17.33	17.44	17.32	0.0326	0.0334	0.0325
10	256QAM	1	25	17.30	17.46	17.42	0.0324	0.0336	0.0333
10	256QAM	1	49	17.41	17.38	17.40	0.0332	0.0330	0.0331
10	256QAM	25	0	17.37	17.36	17.40	0.0329	0.0328	0.0331
10	256QAM	25	12	17.37	17.33	17.40	0.0329	0.0326	0.0331
10	256QAM	25	25	17.30	17.38	17.32	0.0324	0.0330	0.0325
10	256QAM	50	0	17.38	17.36	17.36	0.0330	0.0328	0.0328
Channel				19975	20175	20375	EIRP(W)		
Frequency (MHz)				1712.5	1732.5	1752.5	L	M	H
5	QPSK	1	0	22.37	22.42	22.32	0.1040	0.1052	0.1028
5	QPSK	1	12	22.31	22.37	22.33	0.1026	0.1040	0.1030
5	QPSK	1	24	22.32	22.33	22.27	0.1028	0.1030	0.1016
5	QPSK	12	0	21.25	21.27	21.30	0.0804	0.0807	0.0813

5	QPSK	12	7	21.27	21.27	21.25	0.0807	0.0807	0.0804
5	QPSK	12	13	21.24	21.37	21.27	0.0802	0.0826	0.0807
5	QPSK	25	0	21.21	21.30	21.20	0.0796	0.0813	0.0794
5	16QAM	1	0	21.54	21.61	21.69	0.0859	0.0873	0.0889
5	16QAM	1	12	21.68	21.78	21.62	0.0887	0.0908	0.0875
5	16QAM	1	24	21.66	21.70	21.59	0.0883	0.0891	0.0869
5	16QAM	12	0	20.17	20.31	20.19	0.0627	0.0647	0.0630
5	16QAM	12	7	20.24	20.26	20.19	0.0637	0.0640	0.0630
5	16QAM	12	13	20.32	20.34	20.21	0.0649	0.0652	0.0632
5	16QAM	25	0	20.23	20.32	20.29	0.0635	0.0649	0.0644
5	64QAM	1	0	20.44	20.52	20.43	0.0667	0.0679	0.0665
5	64QAM	1	12	20.44	20.43	20.40	0.0667	0.0665	0.0661
5	64QAM	1	24	20.32	20.56	20.55	0.0649	0.0685	0.0684
5	64QAM	12	0	19.33	19.31	19.22	0.0516	0.0514	0.0504
5	64QAM	12	7	19.20	19.34	19.28	0.0501	0.0518	0.0511
5	64QAM	12	13	19.26	19.34	19.26	0.0508	0.0518	0.0508
5	64QAM	25	0	19.24	19.24	19.30	0.0506	0.0506	0.0513
5	256QAM	1	0	17.38	17.41	17.40	0.0330	0.0332	0.0331
5	256QAM	1	12	17.34	17.45	17.43	0.0327	0.0335	0.0333
5	256QAM	1	24	17.35	17.41	17.32	0.0327	0.0332	0.0325
5	256QAM	12	0	17.31	17.41	17.37	0.0324	0.0332	0.0329
5	256QAM	12	7	17.30	17.33	17.41	0.0324	0.0326	0.0332
5	256QAM	12	13	17.29	17.34	17.33	0.0323	0.0327	0.0326
5	256QAM	25	0	17.30	17.33	17.39	0.0324	0.0326	0.0330
Channel				19965	20175	20385	EIRP(W)		
Frequency (MHz)				1711.5	1732.5	1753.5	L	M	H
3	QPSK	1	0	22.41	22.35	22.28	0.1050	0.1035	0.1019
3	QPSK	1	8	22.29	22.35	22.31	0.1021	0.1035	0.1026
3	QPSK	1	14	22.25	22.34	22.30	0.1012	0.1033	0.1023
3	QPSK	8	0	21.27	21.31	21.27	0.0807	0.0815	0.0807
3	QPSK	8	4	21.28	21.26	21.29	0.0809	0.0805	0.0811
3	QPSK	8	7	21.24	21.37	21.28	0.0802	0.0826	0.0809
3	QPSK	15	0	21.23	21.32	21.28	0.0800	0.0817	0.0809
3	16QAM	1	0	21.52	21.62	21.71	0.0855	0.0875	0.0893
3	16QAM	1	8	21.65	21.74	21.68	0.0881	0.0899	0.0887
3	16QAM	1	14	21.70	21.71	21.60	0.0891	0.0893	0.0871
3	16QAM	8	0	20.23	20.28	20.29	0.0635	0.0643	0.0644
3	16QAM	8	4	20.30	20.33	20.21	0.0646	0.0650	0.0632
3	16QAM	8	7	20.25	20.28	20.27	0.0638	0.0643	0.0641
3	16QAM	15	0	20.25	20.29	20.28	0.0638	0.0644	0.0643
3	64QAM	1	0	20.45	20.51	20.40	0.0668	0.0678	0.0661
3	64QAM	1	8	20.45	20.44	20.37	0.0668	0.0667	0.0656
3	64QAM	1	14	20.32	20.55	20.48	0.0649	0.0684	0.0673
3	64QAM	8	0	19.38	19.33	19.26	0.0522	0.0516	0.0508
3	64QAM	8	4	19.20	19.40	19.31	0.0501	0.0525	0.0514
3	64QAM	8	7	19.25	19.36	19.28	0.0507	0.0520	0.0511
3	64QAM	15	0	19.20	19.21	19.29	0.0501	0.0502	0.0512
3	256QAM	1	0	17.40	17.47	17.35	0.0331	0.0337	0.0327
3	256QAM	1	8	17.32	17.46	17.45	0.0325	0.0336	0.0335
3	256QAM	1	14	17.33	17.32	17.39	0.0326	0.0325	0.0330

3	256QAM	8	0	17.34	17.32	17.36	0.0327	0.0325	0.0328
3	256QAM	8	4	17.36	17.39	17.34	0.0328	0.0330	0.0327
3	256QAM	8	7	17.30	17.39	17.35	0.0324	0.0330	0.0327
3	256QAM	15	0	17.40	17.33	17.30	0.0331	0.0326	0.0324
Channel				19950	20175	20393	EIRP(W)		
Frequency (MHz)				1710	1732.5	1754.3	L	M	H
1.4	QPSK	1	0	22.28	22.41	22.26	0.1019	0.1050	0.1014
1.4	QPSK	1	3	22.31	22.28	22.31	0.1026	0.1019	0.1026
1.4	QPSK	1	5	22.23	22.27	22.28	0.1007	0.1016	0.1019
1.4	QPSK	3	0	22.33	22.39	22.33	0.1030	0.1045	0.1030
1.4	QPSK	3	1	22.27	22.31	22.31	0.1016	0.1026	0.1026
1.4	QPSK	3	3	22.30	22.35	22.35	0.1023	0.1035	0.1035
1.4	QPSK	6	0	21.28	21.36	21.19	0.0809	0.0824	0.0793
1.4	16QAM	1	0	21.24	21.36	21.25	0.0802	0.0824	0.0804
1.4	16QAM	1	3	21.23	21.37	21.30	0.0800	0.0826	0.0813
1.4	16QAM	1	5	21.19	21.37	21.23	0.0793	0.0826	0.0800
1.4	16QAM	3	0	21.54	21.68	21.66	0.0859	0.0887	0.0883
1.4	16QAM	3	1	21.69	21.65	21.66	0.0889	0.0881	0.0883
1.4	16QAM	3	3	21.69	21.75	21.55	0.0889	0.0902	0.0861
1.4	16QAM	6	0	20.23	20.25	20.22	0.0635	0.0638	0.0634
1.4	64QAM	1	0	20.24	20.34	20.21	0.0637	0.0652	0.0632
1.4	64QAM	1	3	20.28	20.32	20.24	0.0643	0.0649	0.0637
1.4	64QAM	1	5	20.33	20.18	20.16	0.0650	0.0628	0.0625
1.4	64QAM	3	0	20.50	20.50	20.35	0.0676	0.0676	0.0653
1.4	64QAM	3	1	20.41	20.43	20.38	0.0662	0.0665	0.0658
1.4	64QAM	3	3	20.31	20.45	20.45	0.0647	0.0668	0.0668
1.4	64QAM	6	0	19.17	19.28	19.25	0.0498	0.0511	0.0507
1.4	256QAM	1	0	17.37	17.44	17.37	0.0329	0.0334	0.0329
1.4	256QAM	1	3	17.38	17.34	17.34	0.0330	0.0327	0.0327
1.4	256QAM	1	5	17.38	17.40	17.31	0.0330	0.0331	0.0324
1.4	256QAM	3	0	17.32	17.42	17.43	0.0325	0.0333	0.0333
1.4	256QAM	3	1	17.31	17.44	17.29	0.0324	0.0334	0.0323
1.4	256QAM	3	3	17.35	17.37	17.34	0.0327	0.0329	0.0327
1.4	256QAM	6	0	17.38	17.34	17.34	0.0330	0.0327	0.0327

LTE Band 5_Ant1:

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	22.45	22.49	22.40	0.0380	0.0384	0.0376
10	QPSK	1	25	22.33	22.35	22.41	0.0370	0.0372	0.0377
10	QPSK	1	49	22.39	22.47	22.31	0.0375	0.0382	0.0368
10	QPSK	25	0	21.37	21.47	21.39	0.0296	0.0303	0.0298
10	QPSK	25	12	21.22	21.35	21.22	0.0286	0.0295	0.0286
10	QPSK	25	25	21.24	21.32	21.28	0.0288	0.0293	0.0290
10	QPSK	50	0	21.33	21.45	21.31	0.0294	0.0302	0.0292
10	16QAM	1	0	21.63	21.82	21.79	0.0315	0.0329	0.0327
10	16QAM	1	25	21.73	21.78	21.64	0.0322	0.0326	0.0316
10	16QAM	1	49	21.77	21.86	21.70	0.0325	0.0332	0.0320
10	16QAM	25	0	20.31	20.38	20.16	0.0232	0.0236	0.0224
10	16QAM	25	12	20.23	20.29	20.25	0.0228	0.0231	0.0229
10	16QAM	25	25	20.29	20.25	20.27	0.0231	0.0229	0.0230
10	16QAM	50	0	20.29	20.38	20.29	0.0231	0.0236	0.0231
10	64QAM	1	0	20.45	20.48	20.50	0.0240	0.0242	0.0243
10	64QAM	1	25	20.41	20.51	20.48	0.0238	0.0243	0.0242
10	64QAM	1	49	20.37	20.58	20.44	0.0236	0.0247	0.0239
10	64QAM	25	0	19.40	19.30	19.17	0.0188	0.0184	0.0179
10	64QAM	25	12	19.30	19.28	19.34	0.0184	0.0183	0.0186
10	64QAM	25	25	19.28	19.31	19.24	0.0183	0.0185	0.0182
10	64QAM	50	0	19.22	19.30	19.28	0.0181	0.0184	0.0183
10	256QAM	1	0	17.36	17.49	17.26	0.0118	0.0121	0.0115
10	256QAM	1	25	17.31	17.46	17.45	0.0116	0.0121	0.0120
10	256QAM	1	49	17.34	17.46	17.25	0.0117	0.0121	0.0115
10	256QAM	25	0	17.28	17.36	17.27	0.0116	0.0118	0.0115
10	256QAM	25	12	17.18	17.25	17.07	0.0113	0.0115	0.0110
10	256QAM	25	25	17.20	17.33	17.13	0.0114	0.0117	0.0112
10	256QAM	50	0	17.11	17.22	17.18	0.0111	0.0114	0.0113
Channel				20425	20525	20625	ERP(W)		
Frequency (MHz)				826.5	836.5	846.5	L	M	H
5	QPSK	1	0	22.33	22.44	22.32	0.0370	0.0379	0.0369
5	QPSK	1	12	22.20	22.32	22.32	0.0359	0.0369	0.0369
5	QPSK	1	24	22.27	22.36	22.30	0.0365	0.0372	0.0367
5	QPSK	12	0	21.19	21.31	21.30	0.0284	0.0292	0.0292
5	QPSK	12	7	21.23	21.24	21.14	0.0287	0.0288	0.0281
5	QPSK	12	13	21.22	21.25	21.24	0.0286	0.0288	0.0288
5	QPSK	25	0	21.18	21.25	21.24	0.0284	0.0288	0.0288
5	16QAM	1	0	21.56	21.65	21.66	0.0310	0.0316	0.0317
5	16QAM	1	12	21.55	21.69	21.55	0.0309	0.0319	0.0309
5	16QAM	1	24	21.64	21.76	21.56	0.0316	0.0324	0.0310
5	16QAM	12	0	20.21	20.20	20.07	0.0227	0.0226	0.0220
5	16QAM	12	7	20.17	20.22	20.19	0.0225	0.0228	0.0226
5	16QAM	12	13	20.17	20.18	20.23	0.0225	0.0225	0.0228
5	16QAM	25	0	20.18	20.25	20.21	0.0225	0.0229	0.0227

5	64QAM	1	0	20.32	20.45	20.41	0.0233	0.0240	0.0238
5	64QAM	1	12	20.28	20.50	20.45	0.0231	0.0243	0.0240
5	64QAM	1	24	20.32	20.50	20.38	0.0233	0.0243	0.0236
5	64QAM	12	0	19.22	19.19	19.11	0.0181	0.0179	0.0176
5	64QAM	12	7	19.18	19.23	19.24	0.0179	0.0181	0.0182
5	64QAM	12	13	19.17	19.27	19.13	0.0179	0.0183	0.0177
5	64QAM	25	0	19.14	19.12	19.16	0.0177	0.0177	0.0178
5	256QAM	1	0	17.22	17.47	17.23	0.0114	0.0121	0.0114
5	256QAM	1	12	17.25	17.41	17.42	0.0115	0.0119	0.0119
5	256QAM	1	24	17.24	17.32	17.27	0.0115	0.0117	0.0115
5	256QAM	12	0	17.15	17.27	17.15	0.0112	0.0115	0.0112
5	256QAM	12	7	17.05	17.17	17.00	0.0110	0.0113	0.0108
5	256QAM	12	13	17.10	17.21	17.08	0.0111	0.0114	0.0110
5	256QAM	25	0	17.00	17.18	17.06	0.0108	0.0113	0.0110
Channel				20415	20525	20635	ERP(W)		
Frequency (MHz)				825.5	836.5	847.5	L	M	H
3	QPSK	1	0	22.28	22.42	22.27	0.0366	0.0378	0.0365
3	QPSK	1	8	22.30	22.28	22.37	0.0367	0.0366	0.0373
3	QPSK	1	14	22.36	22.38	22.31	0.0372	0.0374	0.0368
3	QPSK	8	0	21.16	21.34	21.32	0.0282	0.0294	0.0293
3	QPSK	8	4	21.18	21.22	21.07	0.0284	0.0286	0.0277
3	QPSK	8	7	21.26	21.26	21.23	0.0289	0.0289	0.0287
3	QPSK	15	0	21.29	21.35	21.20	0.0291	0.0295	0.0285
3	16QAM	1	0	21.60	21.75	21.74	0.0313	0.0324	0.0323
3	16QAM	1	8	21.66	21.62	21.65	0.0317	0.0314	0.0316
3	16QAM	1	14	21.61	21.78	21.55	0.0313	0.0326	0.0309
3	16QAM	8	0	20.13	20.27	20.19	0.0223	0.0230	0.0226
3	16QAM	8	4	20.08	20.22	20.20	0.0220	0.0228	0.0226
3	16QAM	8	7	20.15	20.19	20.16	0.0224	0.0226	0.0224
3	16QAM	15	0	20.20	20.33	20.13	0.0226	0.0233	0.0223
3	64QAM	1	0	20.36	20.46	20.35	0.0235	0.0240	0.0234
3	64QAM	1	8	20.30	20.51	20.42	0.0232	0.0243	0.0238
3	64QAM	1	14	20.29	20.44	20.36	0.0231	0.0239	0.0235
3	64QAM	8	0	19.32	19.27	19.10	0.0185	0.0183	0.0176
3	64QAM	8	4	19.22	19.20	19.22	0.0181	0.0180	0.0181
3	64QAM	8	7	19.18	19.17	19.10	0.0179	0.0179	0.0176
3	64QAM	15	0	19.13	19.20	19.17	0.0177	0.0180	0.0179
3	256QAM	1	0	17.21	17.40	17.26	0.0114	0.0119	0.0115
3	256QAM	1	8	17.24	17.37	17.37	0.0115	0.0118	0.0118
3	256QAM	1	14	17.30	17.35	17.29	0.0116	0.0117	0.0116
3	256QAM	8	0	17.16	17.26	17.16	0.0112	0.0115	0.0112
3	256QAM	8	4	17.01	17.26	17.03	0.0109	0.0115	0.0109
3	256QAM	8	7	17.12	17.24	17.07	0.0111	0.0115	0.0110
3	256QAM	15	0	17.06	17.14	17.13	0.0110	0.0112	0.0112
Channel				20407	20525	20643	ERP(W)		
Frequency (MHz)				824.7	836.5	848.3	L	M	H
1.4	QPSK	1	0	22.36	22.35	22.34	0.0372	0.0372	0.0371
1.4	QPSK	1	3	22.20	22.29	22.39	0.0359	0.0366	0.0375
1.4	QPSK	1	5	22.21	22.29	22.29	0.0360	0.0366	0.0366
1.4	QPSK	3	0	22.34	22.44	22.26	0.0371	0.0379	0.0364

1.4	QPSK	3	1	22.13	22.35	22.30	0.0353	0.0372	0.0367
1.4	QPSK	3	3	22.37	22.43	22.39	0.0373	0.0378	0.0375
1.4	QPSK	6	0	21.15	21.32	21.14	0.0282	0.0293	0.0281
1.4	16QAM	1	0	21.27	21.24	21.09	0.0290	0.0288	0.0278
1.4	16QAM	1	3	21.25	21.32	21.21	0.0288	0.0293	0.0286
1.4	16QAM	1	5	21.23	21.29	21.16	0.0287	0.0291	0.0282
1.4	16QAM	3	0	21.38	21.73	21.63	0.0297	0.0322	0.0315
1.4	16QAM	3	1	21.57	21.62	21.63	0.0310	0.0314	0.0315
1.4	16QAM	3	3	21.74	21.59	21.59	0.0323	0.0312	0.0312
1.4	16QAM	6	0	20.14	20.17	20.22	0.0223	0.0225	0.0228
1.4	64QAM	1	0	20.19	20.33	20.16	0.0226	0.0233	0.0224
1.4	64QAM	1	3	20.16	20.22	20.26	0.0224	0.0228	0.0230
1.4	64QAM	1	5	20.14	20.27	20.11	0.0223	0.0230	0.0222
1.4	64QAM	3	0	20.29	20.27	20.28	0.0231	0.0230	0.0231
1.4	64QAM	3	1	20.10	20.25	20.20	0.0221	0.0229	0.0226
1.4	64QAM	3	3	20.21	20.29	20.24	0.0227	0.0231	0.0229
1.4	64QAM	6	0	19.26	19.25	19.28	0.0182	0.0182	0.0183
1.4	256QAM	1	0	17.22	17.42	17.12	0.0114	0.0119	0.0111
1.4	256QAM	1	3	17.25	17.35	17.29	0.0115	0.0117	0.0116
1.4	256QAM	1	5	17.27	17.33	17.16	0.0115	0.0117	0.0112
1.4	256QAM	3	0	17.10	17.19	17.17	0.0111	0.0113	0.0113
1.4	256QAM	3	1	17.00	17.12	17.07	0.0108	0.0111	0.0110
1.4	256QAM	3	3	17.08	17.11	17.12	0.0110	0.0111	0.0111
1.4	256QAM	6	0	17.05	17.11	17.02	0.0110	0.0111	0.0109

LTE Band 12_Ant0:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)		
Channel				23060	23095	23130			
Frequency (MHz)				704	707.5	711	L	M	H
10	QPSK	1	0	22.47	22.51	22.50	0.0348	0.0352	0.0351
10	QPSK	1	25	22.35	22.39	22.32	0.0339	0.0342	0.0337
10	QPSK	1	49	22.30	22.50	22.47	0.0335	0.0351	0.0348
10	QPSK	25	0	21.40	21.50	21.45	0.0272	0.0279	0.0275
10	QPSK	25	12	21.42	21.49	21.33	0.0274	0.0278	0.0268
10	QPSK	25	25	21.46	21.47	21.46	0.0276	0.0277	0.0276
10	QPSK	50	0	21.44	21.47	21.45	0.0275	0.0277	0.0275
10	16QAM	1	0	21.38	21.51	21.48	0.0271	0.0279	0.0277
10	16QAM	1	25	21.31	21.44	21.42	0.0267	0.0275	0.0274
10	16QAM	1	49	21.40	21.57	21.44	0.0272	0.0283	0.0275
10	16QAM	25	0	20.47	20.52	20.41	0.0220	0.0222	0.0217
10	16QAM	25	12	20.37	20.52	20.53	0.0215	0.0222	0.0223
10	16QAM	25	25	20.56	20.48	20.44	0.0224	0.0220	0.0218
10	16QAM	50	0	20.55	20.49	20.60	0.0224	0.0221	0.0226
10	64QAM	1	0	20.28	20.56	20.35	0.0210	0.0224	0.0214
10	64QAM	1	25	20.33	20.58	20.48	0.0213	0.0225	0.0220
10	64QAM	1	49	20.54	20.36	20.49	0.0223	0.0214	0.0221
10	64QAM	25	0	19.23	19.58	19.44	0.0165	0.0179	0.0173
10	64QAM	25	12	19.40	19.52	19.36	0.0172	0.0177	0.0170

10	64QAM	25	25	19.42	19.44	19.41	0.0173	0.0173	0.0172
10	64QAM	50	0	19.32	19.59	19.66	0.0169	0.0179	0.0182
10	256QAM	1	0	17.29	17.52	17.54	0.0106	0.0111	0.0112
10	256QAM	1	25	17.41	17.41	17.48	0.0109	0.0109	0.0110
10	256QAM	1	49	17.44	17.30	17.49	0.0109	0.0106	0.0111
10	256QAM	25	0	17.62	17.64	17.53	0.0114	0.0115	0.0112
10	256QAM	25	12	17.22	17.46	17.57	0.0104	0.0110	0.0113
10	256QAM	25	25	17.26	17.47	17.25	0.0105	0.0110	0.0105
10	256QAM	50	0	17.34	17.48	17.28	0.0107	0.0110	0.0105
Channel				23035	23095	23155	ERP(W)		
Frequency (MHz)				701.5	707.5	713.5	L	M	H
5	QPSK	1	0	22.46	22.41	22.39	0.0348	0.0344	0.0342
5	QPSK	1	12	22.25	22.36	22.33	0.0331	0.0340	0.0337
5	QPSK	1	24	22.22	22.33	22.29	0.0329	0.0337	0.0334
5	QPSK	12	0	21.36	21.42	21.42	0.0270	0.0274	0.0274
5	QPSK	12	7	21.37	21.40	21.27	0.0270	0.0272	0.0264
5	QPSK	12	13	21.36	21.45	21.35	0.0270	0.0275	0.0269
5	QPSK	25	0	21.43	21.33	21.41	0.0274	0.0268	0.0273
5	16QAM	1	0	21.37	21.40	21.46	0.0270	0.0272	0.0276
5	16QAM	1	12	21.28	21.36	21.32	0.0265	0.0270	0.0267
5	16QAM	1	24	21.35	21.53	21.32	0.0269	0.0281	0.0267
5	16QAM	12	0	20.40	20.41	20.37	0.0216	0.0217	0.0215
5	16QAM	12	7	20.27	20.41	20.41	0.0210	0.0217	0.0217
5	16QAM	12	13	20.49	20.49	20.34	0.0221	0.0221	0.0213
5	16QAM	25	0	20.45	20.52	20.51	0.0219	0.0222	0.0222
5	64QAM	1	0	20.25	20.47	20.30	0.0209	0.0220	0.0211
5	64QAM	1	12	20.18	20.54	20.41	0.0206	0.0223	0.0217
5	64QAM	1	24	20.44	20.27	20.40	0.0218	0.0210	0.0216
5	64QAM	12	0	19.20	19.48	19.41	0.0164	0.0175	0.0172
5	64QAM	12	7	19.29	19.49	19.24	0.0167	0.0175	0.0166
5	64QAM	12	13	19.32	19.43	19.33	0.0169	0.0173	0.0169
5	64QAM	25	0	19.25	19.56	19.55	0.0166	0.0178	0.0178
5	256QAM	1	0	17.29	17.48	17.49	0.0106	0.0110	0.0111
5	256QAM	1	12	17.34	17.35	17.46	0.0107	0.0107	0.0110
5	256QAM	1	24	17.42	17.28	17.38	0.0109	0.0105	0.0108
5	256QAM	12	0	17.55	17.47	17.52	0.0112	0.0110	0.0111
5	256QAM	12	7	17.21	17.45	17.45	0.0104	0.0110	0.0110
5	256QAM	12	13	17.25	17.38	17.25	0.0105	0.0108	0.0105
5	256QAM	25	0	17.24	17.34	17.22	0.0104	0.0107	0.0104
Channel				23025	23095	23165	ERP(W)		
Frequency (MHz)				700.5	707.5	714.5	L	M	H
3	QPSK	1	0	22.43	22.46	22.44	0.0345	0.0348	0.0346
3	QPSK	1	8	22.19	22.40	22.28	0.0327	0.0343	0.0333
3	QPSK	1	14	22.29	22.38	22.34	0.0334	0.0341	0.0338
3	QPSK	8	0	21.35	21.42	21.44	0.0269	0.0274	0.0275
3	QPSK	8	4	21.44	21.36	21.31	0.0275	0.0270	0.0267
3	QPSK	8	7	21.36	21.39	21.44	0.0270	0.0272	0.0275
3	QPSK	15	0	21.43	21.34	21.40	0.0274	0.0269	0.0272
3	16QAM	1	0	21.39	21.38	21.38	0.0272	0.0271	0.0271
3	16QAM	1	8	21.36	21.36	21.28	0.0270	0.0270	0.0265

3	16QAM	1	14	21.36	21.53	21.36	0.0270	0.0281	0.0270
3	16QAM	8	0	20.40	20.44	20.30	0.0216	0.0218	0.0211
3	16QAM	8	4	20.35	20.46	20.52	0.0214	0.0219	0.0222
3	16QAM	8	7	20.44	20.46	20.38	0.0218	0.0219	0.0215
3	16QAM	15	0	20.42	20.46	20.47	0.0217	0.0219	0.0220
3	64QAM	1	0	20.26	20.53	20.30	0.0209	0.0223	0.0211
3	64QAM	1	8	20.20	20.54	20.38	0.0207	0.0223	0.0215
3	64QAM	1	14	20.47	20.32	20.37	0.0220	0.0212	0.0215
3	64QAM	8	0	19.22	19.41	19.41	0.0165	0.0172	0.0172
3	64QAM	8	4	19.25	19.48	19.26	0.0166	0.0175	0.0166
3	64QAM	8	7	19.39	19.35	19.36	0.0171	0.0170	0.0170
3	64QAM	15	0	19.30	19.46	19.62	0.0168	0.0174	0.0181
3	256QAM	1	0	17.25	17.47	17.44	0.0105	0.0110	0.0109
3	256QAM	1	8	17.27	17.31	17.39	0.0105	0.0106	0.0108
3	256QAM	1	14	17.33	17.28	17.39	0.0107	0.0105	0.0108
3	256QAM	8	0	17.53	17.50	17.54	0.0112	0.0111	0.0112
3	256QAM	8	4	17.23	17.38	17.51	0.0104	0.0108	0.0111
3	256QAM	8	7	17.26	17.39	17.17	0.0105	0.0108	0.0103
3	256QAM	15	0	17.26	17.33	17.25	0.0105	0.0107	0.0105
Channel				23017	23095	23173	ERP(W)		
Frequency (MHz)				699.7	707.5	715.3	L	M	H
1.4	QPSK	1	0	22.37	22.30	22.34	0.0340	0.0335	0.0338
1.4	QPSK	1	3	22.23	22.32	22.19	0.0330	0.0337	0.0327
1.4	QPSK	1	5	22.31	22.28	22.23	0.0336	0.0333	0.0330
1.4	QPSK	3	0	22.28	22.37	22.25	0.0333	0.0340	0.0331
1.4	QPSK	3	1	22.25	22.43	22.27	0.0331	0.0345	0.0333
1.4	QPSK	3	3	22.16	22.26	22.33	0.0324	0.0332	0.0337
1.4	QPSK	6	0	21.23	21.38	21.35	0.0262	0.0271	0.0269
1.4	16QAM	1	0	21.22	21.30	21.24	0.0261	0.0266	0.0262
1.4	16QAM	1	3	21.24	21.37	21.32	0.0262	0.0270	0.0267
1.4	16QAM	1	5	21.29	21.27	21.32	0.0265	0.0264	0.0267
1.4	16QAM	3	0	21.22	21.31	21.30	0.0261	0.0267	0.0266
1.4	16QAM	3	1	21.23	21.34	21.24	0.0262	0.0269	0.0262
1.4	16QAM	3	3	21.28	21.28	21.34	0.0265	0.0265	0.0269
1.4	16QAM	6	0	20.28	20.40	20.39	0.0210	0.0216	0.0216
1.4	64QAM	1	0	20.27	20.34	20.27	0.0210	0.0213	0.0210
1.4	64QAM	1	3	20.31	20.36	20.35	0.0212	0.0214	0.0214
1.4	64QAM	1	5	20.26	20.29	20.36	0.0209	0.0211	0.0214
1.4	64QAM	3	0	20.37	20.21	20.29	0.0215	0.0207	0.0211
1.4	64QAM	3	1	20.34	20.23	20.38	0.0213	0.0208	0.0215
1.4	64QAM	3	3	20.17	20.29	20.14	0.0205	0.0211	0.0204
1.4	64QAM	6	0	19.25	19.42	19.38	0.0166	0.0173	0.0171
1.4	256QAM	1	0	17.19	17.42	17.38	0.0103	0.0109	0.0108
1.4	256QAM	1	3	17.23	17.24	17.22	0.0104	0.0104	0.0104
1.4	256QAM	1	5	17.31	17.25	17.40	0.0106	0.0105	0.0108
1.4	256QAM	3	0	17.29	17.39	17.44	0.0106	0.0108	0.0109
1.4	256QAM	3	1	17.19	17.50	17.31	0.0103	0.0111	0.0106
1.4	256QAM	3	3	17.13	17.24	17.11	0.0102	0.0104	0.0101
1.4	256QAM	6	0	17.32	17.34	17.10	0.0106	0.0107	0.0101

LTE Band 13_Ant0:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)		
Channel					23230				
Frequency (MHz)					782			M	
10	QPSK	1	0		22.47			0.0373	
10	QPSK	1	25		22.37			0.0365	
10	QPSK	1	49		22.40			0.0367	
10	QPSK	25	0		21.45			0.0295	
10	QPSK	25	12		21.44			0.0294	
10	QPSK	25	25		21.44			0.0294	
10	QPSK	50	0		21.42			0.0293	
10	16QAM	1	0		21.50			0.0299	
10	16QAM	1	25		21.45			0.0295	
10	16QAM	1	49		21.59			0.0305	
10	16QAM	25	0		20.55			0.0240	
10	16QAM	25	12		20.44			0.0234	
10	16QAM	25	25		20.53			0.0239	
10	16QAM	50	0		20.54			0.0239	
10	64QAM	1	0		20.59			0.0242	
10	64QAM	1	25		20.54			0.0239	
10	64QAM	1	49		20.31			0.0227	
10	64QAM	25	0		19.51			0.0189	
10	64QAM	25	12		19.54			0.0190	
10	64QAM	25	25		19.36			0.0182	
10	64QAM	50	0		19.53			0.0190	
10	256QAM	1	0		17.51			0.0119	
10	256QAM	1	25		17.43			0.0117	
10	256QAM	1	49		17.27			0.0113	
10	256QAM	25	0		17.56			0.0121	
10	256QAM	25	12		17.44			0.0117	
10	256QAM	25	25		17.39			0.0116	
10	256QAM	50	0		17.42			0.0117	
Channel				23205	23230	23255	ERP(W)		
Frequency (MHz)				779.5	782	784.5	L	M	H
5	QPSK	1	0	22.42	22.43	22.46	0.0369	0.0370	0.0372
5	QPSK	1	12	22.25	22.45	22.32	0.0355	0.0372	0.0361
5	QPSK	1	24	22.29	22.36	22.45	0.0358	0.0364	0.0372
5	QPSK	12	0	21.44	21.46	21.48	0.0294	0.0296	0.0297
5	QPSK	12	7	21.43	21.45	21.32	0.0294	0.0295	0.0286
5	QPSK	12	13	21.49	21.47	21.44	0.0298	0.0296	0.0294
5	QPSK	25	0	21.45	21.47	21.45	0.0295	0.0296	0.0295
5	16QAM	1	0	21.32	21.46	21.45	0.0286	0.0296	0.0295
5	16QAM	1	12	21.39	21.43	21.40	0.0291	0.0294	0.0292
5	16QAM	1	24	21.40	21.61	21.35	0.0292	0.0306	0.0288
5	16QAM	12	0	20.50	20.46	20.39	0.0237	0.0235	0.0231
5	16QAM	12	7	20.36	20.48	20.52	0.0230	0.0236	0.0238
5	16QAM	12	13	20.53	20.42	20.37	0.0239	0.0233	0.0230
5	16QAM	25	0	20.46	20.48	20.51	0.0235	0.0236	0.0238

5	64QAM	1	0	20.26	20.53	20.36	0.0224	0.0239	0.0230
5	64QAM	1	12	20.24	20.53	20.39	0.0223	0.0239	0.0231
5	64QAM	1	24	20.50	20.33	20.42	0.0237	0.0228	0.0233
5	64QAM	12	0	19.26	19.46	19.48	0.0178	0.0187	0.0187
5	64QAM	12	7	19.33	19.44	19.30	0.0181	0.0186	0.0180
5	64QAM	12	13	19.41	19.41	19.29	0.0185	0.0185	0.0179
5	64QAM	25	0	19.27	19.58	19.54	0.0179	0.0192	0.0190
5	256QAM	1	0	17.25	17.47	17.42	0.0112	0.0118	0.0117
5	256QAM	1	12	17.30	17.41	17.46	0.0114	0.0116	0.0118
5	256QAM	1	24	17.45	17.27	17.45	0.0117	0.0113	0.0117
5	256QAM	12	0	17.51	17.55	17.49	0.0119	0.0120	0.0119
5	256QAM	12	7	17.25	17.44	17.56	0.0112	0.0117	0.0121
5	256QAM	12	13	17.21	17.43	17.22	0.0111	0.0117	0.0111
5	256QAM	25	0	17.33	17.38	17.26	0.0114	0.0116	0.0112

LTE Band 17_Ant0:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)		
Channel				23780	23790	23800			
Frequency (MHz)				709	710	711	L	M	H
10	QPSK	1	0	22.49	22.50	22.43	0.0350	0.0351	0.0345
10	QPSK	1	25	22.33	22.43	22.35	0.0337	0.0345	0.0339
10	QPSK	1	49	22.33	22.42	22.38	0.0337	0.0344	0.0341
10	QPSK	25	0	21.46	21.53	21.45	0.0276	0.0281	0.0275
10	QPSK	25	12	21.51	21.49	21.36	0.0279	0.0278	0.0270
10	QPSK	25	25	21.45	21.43	21.51	0.0275	0.0274	0.0279
10	QPSK	50	0	21.42	21.50	21.43	0.0274	0.0279	0.0274
10	16QAM	1	0	21.36	21.44	21.47	0.0270	0.0275	0.0277
10	16QAM	1	25	21.38	21.54	21.35	0.0271	0.0281	0.0269
10	16QAM	1	49	21.41	21.57	21.40	0.0273	0.0283	0.0272
10	16QAM	25	0	20.45	20.56	20.41	0.0219	0.0224	0.0217
10	16QAM	25	12	20.42	20.50	20.59	0.0217	0.0221	0.0226
10	16QAM	25	25	20.47	20.45	20.50	0.0220	0.0219	0.0221
10	16QAM	50	0	20.51	20.61	20.62	0.0222	0.0227	0.0228
10	64QAM	1	0	20.36	20.56	20.41	0.0214	0.0224	0.0217
10	64QAM	1	25	20.29	20.59	20.44	0.0211	0.0226	0.0218
10	64QAM	1	49	20.46	20.38	20.43	0.0219	0.0215	0.0218
10	64QAM	25	0	19.25	19.51	19.54	0.0166	0.0176	0.0177
10	64QAM	25	12	19.39	19.50	19.34	0.0171	0.0176	0.0169
10	64QAM	25	25	19.51	19.39	19.37	0.0176	0.0171	0.0171
10	64QAM	50	0	19.40	19.62	19.59	0.0172	0.0181	0.0179
10	256QAM	1	0	17.33	17.47	17.54	0.0107	0.0110	0.0112
10	256QAM	1	25	17.44	17.45	17.50	0.0109	0.0110	0.0111
10	256QAM	1	49	17.49	17.38	17.50	0.0111	0.0108	0.0111
10	256QAM	25	0	17.56	17.62	17.60	0.0112	0.0114	0.0114
10	256QAM	25	12	17.33	17.54	17.53	0.0107	0.0112	0.0112
10	256QAM	25	25	17.31	17.43	17.21	0.0106	0.0109	0.0104
10	256QAM	50	0	17.37	17.39	17.31	0.0108	0.0108	0.0106
Channel				23755	23790	23825	ERP(W)		

Frequency (MHz)				706.5	710	713.5	L	M	H
5	QPSK	1	0	22.41	22.46	22.33	0.0344	0.0348	0.0337
5	QPSK	1	12	22.25	22.35	22.31	0.0331	0.0339	0.0336
5	QPSK	1	24	22.26	22.33	22.35	0.0332	0.0337	0.0339
5	QPSK	12	0	21.42	21.41	21.44	0.0274	0.0273	0.0275
5	QPSK	12	7	21.37	21.33	21.25	0.0270	0.0268	0.0263
5	QPSK	12	13	21.40	21.38	21.43	0.0272	0.0271	0.0274
5	QPSK	25	0	21.37	21.43	21.37	0.0270	0.0274	0.0270
5	16QAM	1	0	21.31	21.42	21.42	0.0267	0.0274	0.0274
5	16QAM	1	12	21.34	21.44	21.34	0.0269	0.0275	0.0269
5	16QAM	1	24	21.36	21.49	21.35	0.0270	0.0278	0.0269
5	16QAM	12	0	20.44	20.48	20.33	0.0218	0.0220	0.0213
5	16QAM	12	7	20.33	20.41	20.48	0.0213	0.0217	0.0220
5	16QAM	12	13	20.42	20.43	20.32	0.0217	0.0218	0.0212
5	16QAM	25	0	20.47	20.46	20.52	0.0220	0.0219	0.0222
5	64QAM	1	0	20.26	20.54	20.29	0.0209	0.0223	0.0211
5	64QAM	1	12	20.23	20.54	20.39	0.0208	0.0223	0.0216
5	64QAM	1	24	20.38	20.22	20.37	0.0215	0.0207	0.0215
5	64QAM	12	0	19.28	19.43	19.37	0.0167	0.0173	0.0171
5	64QAM	12	7	19.33	19.43	19.26	0.0169	0.0173	0.0166
5	64QAM	12	13	19.36	19.39	19.35	0.0170	0.0171	0.0170
5	64QAM	25	0	19.24	19.56	19.60	0.0166	0.0178	0.0180
5	256QAM	1	0	17.23	17.49	17.48	0.0104	0.0111	0.0110
5	256QAM	1	12	17.37	17.33	17.37	0.0108	0.0107	0.0108
5	256QAM	1	24	17.40	17.25	17.45	0.0108	0.0105	0.0110
5	256QAM	12	0	17.54	17.55	17.55	0.0112	0.0112	0.0112
5	256QAM	12	7	17.25	17.48	17.50	0.0105	0.0110	0.0111
5	256QAM	12	13	17.22	17.43	17.18	0.0104	0.0109	0.0103
5	256QAM	25	0	17.25	17.38	17.30	0.0105	0.0108	0.0106

LTE Band 26_Ant1:

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	22.44	22.44	22.51	22.45	0.0379	0.0379	0.0385	0.0380
15	QPSK	1	37	22.32	22.32	22.33	22.44	0.0369	0.0369	0.0370	0.0379
15	QPSK	1	74	22.45	22.45	22.42	22.29	0.0380	0.0380	0.0378	0.0366
15	QPSK	36	0	21.43	21.43	21.47	21.38	0.0301	0.0301	0.0303	0.0297
15	QPSK	36	20	21.28	21.28	21.37	21.16	0.0290	0.0290	0.0296	0.0282
15	QPSK	36	39	21.29	21.29	21.27	21.22	0.0291	0.0291	0.0290	0.0286
15	QPSK	75	0	21.38	21.38	21.45	21.36	0.0297	0.0297	0.0302	0.0296
15	16QAM	1	0	21.69	21.69	21.86	21.83	0.0319	0.0319	0.0332	0.0330
15	16QAM	1	37	21.70	21.70	21.84	21.58	0.0320	0.0320	0.0330	0.0311
15	16QAM	1	74	21.76	21.76	21.82	21.71	0.0324	0.0324	0.0329	0.0321
15	16QAM	36	0	20.26	20.26	20.42	20.18	0.0230	0.0230	0.0238	0.0225
15	16QAM	36	20	20.25	20.25	20.32	20.26	0.0229	0.0229	0.0233	0.0230
15	16QAM	36	39	20.28	20.28	20.29	20.33	0.0231	0.0231	0.0231	0.0233

15	16QAM	75	0	20.29	20.29	20.34	20.26	0.0231	0.0231	0.0234	0.0230
15	64QAM	1	0	20.44	20.44	20.47	20.55	0.0239	0.0239	0.0241	0.0245
15	64QAM	1	37	20.46	20.46	20.52	20.54	0.0240	0.0240	0.0244	0.0245
15	64QAM	1	74	20.43	20.43	20.64	20.40	0.0239	0.0239	0.0251	0.0237
15	64QAM	36	0	19.42	19.42	19.36	19.19	0.0189	0.0189	0.0187	0.0179
15	64QAM	36	20	19.26	19.26	19.28	19.35	0.0182	0.0182	0.0183	0.0186
15	64QAM	36	39	19.29	19.29	19.34	19.27	0.0184	0.0184	0.0186	0.0183
15	64QAM	75	0	19.23	19.23	19.33	19.30	0.0181	0.0181	0.0185	0.0184
15	256QAM	1	0	17.35	17.35	17.54	17.28	0.0117	0.0117	0.0123	0.0116
15	256QAM	1	37	17.25	17.25	17.43	17.42	0.0115	0.0115	0.0120	0.0119
15	256QAM	1	74	17.38	17.38	17.48	17.22	0.0118	0.0118	0.0121	0.0114
15	256QAM	36	0	17.33	17.33	17.40	17.26	0.0117	0.0117	0.0119	0.0115
15	256QAM	36	20	17.16	17.16	17.30	17.04	0.0112	0.0112	0.0116	0.0109
15	256QAM	36	39	17.16	17.16	17.38	17.19	0.0112	0.0112	0.0118	0.0113
15	256QAM	75	0	17.14	17.14	17.16	17.23	0.0112	0.0112	0.0112	0.0114
Channel				26790	26840	26915	26990	ERP(W)			
Frequency (MHz)				824	829	836.5	844	Straddle Ch	L	M	H
10	QPSK	1	0	-	22.28	22.38	22.27	-	0.0366	0.0374	0.0365
10	QPSK	1	25	-	22.31	22.33	22.32	-	0.0368	0.0370	0.0369
10	QPSK	1	49	-	22.27	22.39	22.29	-	0.0365	0.0375	0.0366
10	QPSK	25	0	-	21.20	21.31	21.23	-	0.0285	0.0292	0.0287
10	QPSK	25	12	-	21.19	21.23	21.10	-	0.0284	0.0287	0.0279
10	QPSK	25	25	-	21.19	21.14	21.20	-	0.0284	0.0281	0.0285
10	QPSK	50	0	-	21.29	21.27	21.20	-	0.0291	0.0290	0.0285
10	16QAM	1	0	-	21.54	21.69	21.67	-	0.0308	0.0319	0.0318
10	16QAM	1	25	-	21.64	21.71	21.56	-	0.0316	0.0321	0.0310
10	16QAM	1	49	-	21.63	21.78	21.58	-	0.0315	0.0326	0.0311
10	16QAM	25	0	-	20.17	20.25	20.18	-	0.0225	0.0229	0.0225
10	16QAM	25	12	-	20.13	20.20	20.22	-	0.0223	0.0226	0.0228
10	16QAM	25	25	-	20.18	20.24	20.16	-	0.0225	0.0229	0.0224
10	16QAM	50	0	-	20.25	20.24	20.20	-	0.0229	0.0229	0.0226
10	64QAM	1	0	-	20.31	20.44	20.38	-	0.0232	0.0239	0.0236
10	64QAM	1	25	-	20.33	20.48	20.42	-	0.0233	0.0242	0.0238
10	64QAM	1	49	-	20.33	20.50	20.39	-	0.0233	0.0243	0.0237
10	64QAM	25	0	-	19.22	19.22	19.13	-	0.0181	0.0181	0.0177
10	64QAM	25	12	-	19.27	19.23	19.27	-	0.0183	0.0181	0.0183
10	64QAM	25	25	-	19.20	19.28	19.16	-	0.0180	0.0183	0.0178
10	64QAM	50	0	-	19.18	19.21	19.16	-	0.0179	0.0180	0.0178
10	256QAM	1	0	-	17.21	17.42	17.23	-	0.0114	0.0119	0.0114
10	256QAM	1	25	-	17.32	17.41	17.38	-	0.0117	0.0119	0.0118
10	256QAM	1	49	-	17.26	17.41	17.23	-	0.0115	0.0119	0.0114
10	256QAM	25	0	-	17.14	17.28	17.09	-	0.0112	0.0116	0.0111
10	256QAM	25	12	-	17.11	17.27	17.02	-	0.0111	0.0115	0.0109
10	256QAM	25	25	-	17.07	17.18	17.16	-	0.0110	0.0113	0.0112
10	256QAM	50	0	-	17.03	17.14	17.02	-	0.0109	0.0112	0.0109
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	-	22.26	22.43	22.28	-	0.0364	0.0378	0.0366
5	QPSK	1	12	-	22.27	22.35	22.37	-	0.0365	0.0372	0.0373

5	QPSK	1	24	-	22.27	22.32	22.27	-	0.0365	0.0369	0.0365
5	QPSK	12	0	-	21.23	21.38	21.26	-	0.0287	0.0297	0.0289
5	QPSK	12	7	-	21.14	21.25	21.12	-	0.0281	0.0288	0.0280
5	QPSK	12	13	-	21.22	21.24	21.17	-	0.0286	0.0288	0.0283
5	QPSK	25	0	-	21.22	21.32	21.21	-	0.0286	0.0293	0.0286
5	16QAM	1	0	-	21.63	21.76	21.73	-	0.0315	0.0324	0.0322
5	16QAM	1	12	-	21.64	21.64	21.57	-	0.0316	0.0316	0.0310
5	16QAM	1	24	-	21.67	21.71	21.62	-	0.0318	0.0321	0.0314
5	16QAM	12	0	-	20.19	20.31	20.18	-	0.0226	0.0232	0.0225
5	16QAM	12	7	-	20.10	20.26	20.18	-	0.0221	0.0230	0.0225
5	16QAM	12	13	-	20.12	20.24	20.20	-	0.0222	0.0229	0.0226
5	16QAM	25	0	-	20.27	20.25	20.24	-	0.0230	0.0229	0.0229
5	64QAM	1	0	-	20.38	20.48	20.41	-	0.0236	0.0242	0.0238
5	64QAM	1	12	-	20.33	20.45	20.44	-	0.0233	0.0240	0.0239
5	64QAM	1	24	-	20.28	20.41	20.43	-	0.0231	0.0238	0.0239
5	64QAM	12	0	-	19.31	19.26	19.17	-	0.0185	0.0182	0.0179
5	64QAM	12	7	-	19.21	19.26	19.26	-	0.0180	0.0182	0.0182
5	64QAM	12	13	-	19.09	19.23	19.21	-	0.0175	0.0181	0.0180
5	64QAM	25	0	-	19.20	19.20	19.12	-	0.0180	0.0180	0.0177
5	256QAM	1	0	-	17.20	17.46	17.19	-	0.0114	0.0121	0.0113
5	256QAM	1	12	-	17.22	17.37	17.39	-	0.0114	0.0118	0.0119
5	256QAM	1	24	-	17.23	17.42	17.26	-	0.0114	0.0119	0.0115
5	256QAM	12	0	-	17.19	17.24	17.11	-	0.0113	0.0115	0.0111
5	256QAM	12	7	-	17.09	17.18	17.05	-	0.0111	0.0113	0.0110
5	256QAM	12	13	-	17.11	17.29	17.13	-	0.0111	0.0116	0.0112
5	256QAM	25	0	-	17.03	17.15	17.03	-	0.0109	0.0112	0.0109
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	-	22.30	22.37	22.33	-	0.0367	0.0373	0.0370
3	QPSK	1	8	-	22.21	22.37	22.32	-	0.0360	0.0373	0.0369
3	QPSK	1	14	-	22.31	22.39	22.31	-	0.0368	0.0375	0.0368
3	QPSK	8	0	-	21.22	21.28	21.22	-	0.0286	0.0290	0.0286
3	QPSK	8	4	-	21.16	21.22	21.12	-	0.0282	0.0286	0.0280
3	QPSK	8	7	-	21.19	21.21	21.18	-	0.0284	0.0286	0.0284
3	QPSK	15	0	-	21.19	21.27	21.22	-	0.0284	0.0290	0.0286
3	16QAM	1	0	-	21.59	21.72	21.72	-	0.0312	0.0321	0.0321
3	16QAM	1	8	-	21.54	21.71	21.59	-	0.0308	0.0321	0.0312
3	16QAM	1	14	-	21.67	21.71	21.63	-	0.0318	0.0321	0.0315
3	16QAM	8	0	-	20.19	20.20	20.08	-	0.0226	0.0226	0.0220
3	16QAM	8	4	-	20.14	20.29	20.22	-	0.0223	0.0231	0.0228
3	16QAM	8	7	-	20.10	20.22	20.14	-	0.0221	0.0228	0.0223
3	16QAM	15	0	-	20.18	20.31	20.24	-	0.0225	0.0232	0.0229
3	64QAM	1	0	-	20.29	20.44	20.34	-	0.0231	0.0239	0.0234
3	64QAM	1	8	-	20.24	20.52	20.37	-	0.0229	0.0244	0.0236
3	64QAM	1	14	-	20.36	20.41	20.41	-	0.0235	0.0238	0.0238
3	64QAM	8	0	-	19.26	19.27	19.19	-	0.0182	0.0183	0.0179
3	64QAM	8	4	-	19.23	19.21	19.28	-	0.0181	0.0180	0.0183
3	64QAM	8	7	-	19.20	19.28	19.15	-	0.0180	0.0183	0.0178
3	64QAM	15	0	-	19.19	19.18	19.18	-	0.0179	0.0179	0.0179

3	256QAM	1	0	-	17.21	17.42	17.17	-	0.0114	0.0119	0.0113
3	256QAM	1	8	-	17.24	17.42	17.41	-	0.0115	0.0119	0.0119
3	256QAM	1	14	-	17.30	17.41	17.22	-	0.0116	0.0119	0.0114
3	256QAM	8	0	-	17.15	17.21	17.15	-	0.0112	0.0114	0.0112
3	256QAM	8	4	-	17.03	17.25	17.03	-	0.0109	0.0115	0.0109
3	256QAM	8	7	-	17.09	17.18	17.15	-	0.0111	0.0113	0.0112
3	256QAM	15	0	-	17.01	17.12	17.01	-	0.0109	0.0111	0.0109
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	-	22.30	22.29	22.35	-	0.0367	0.0366	0.0372
1.4	QPSK	1	3	-	22.13	22.37	22.40	-	0.0353	0.0373	0.0376
1.4	QPSK	1	5	-	22.20	22.31	22.27	-	0.0359	0.0368	0.0365
1.4	QPSK	3	0	-	22.26	22.41	22.26	-	0.0364	0.0377	0.0364
1.4	QPSK	3	1	-	22.17	22.37	22.32	-	0.0356	0.0373	0.0369
1.4	QPSK	3	3	-	22.39	22.37	22.42	-	0.0375	0.0373	0.0378
1.4	QPSK	6	0	-	21.14	21.28	21.17	-	0.0281	0.0290	0.0283
1.4	16QAM	1	0	-	21.29	21.33	21.17	-	0.0291	0.0294	0.0283
1.4	16QAM	1	3	-	21.24	21.30	21.19	-	0.0288	0.0292	0.0284
1.4	16QAM	1	5	-	21.21	21.29	21.17	-	0.0286	0.0291	0.0283
1.4	16QAM	3	0	-	21.47	21.66	21.68	-	0.0303	0.0317	0.0318
1.4	16QAM	3	1	-	21.62	21.69	21.69	-	0.0314	0.0319	0.0319
1.4	16QAM	3	3	-	21.76	21.62	21.55	-	0.0324	0.0314	0.0309
1.4	16QAM	6	0	-	20.16	20.22	20.19	-	0.0224	0.0228	0.0226
1.4	64QAM	1	0	-	20.16	20.33	20.16	-	0.0224	0.0233	0.0224
1.4	64QAM	1	3	-	20.13	20.17	20.14	-	0.0223	0.0225	0.0223
1.4	64QAM	1	5	-	20.22	20.19	20.18	-	0.0228	0.0226	0.0225
1.4	64QAM	3	0	-	20.25	20.35	20.21	-	0.0229	0.0234	0.0227
1.4	64QAM	3	1	-	20.08	20.30	20.20	-	0.0220	0.0232	0.0226
1.4	64QAM	3	3	-	20.22	20.31	20.22	-	0.0228	0.0232	0.0228
1.4	64QAM	6	0	-	19.24	19.29	19.38	-	0.0182	0.0184	0.0187
1.4	256QAM	1	0	-	17.18	17.38	17.10	-	0.0113	0.0118	0.0111
1.4	256QAM	1	3	-	17.24	17.40	17.33	-	0.0115	0.0119	0.0117
1.4	256QAM	1	5	-	17.27	17.34	17.20	-	0.0115	0.0117	0.0114
1.4	256QAM	3	0	-	17.08	17.15	17.21	-	0.0110	0.0112	0.0114
1.4	256QAM	3	1	-	17.04	17.17	17.09	-	0.0109	0.0113	0.0111
1.4	256QAM	3	3	-	17.06	17.17	17.04	-	0.0110	0.0113	0.0109
1.4	256QAM	6	0	-	17.05	17.06	17.01	-	0.0110	0.0110	0.0109

LTE Band 66_Ant2:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				132072	132322	132572			
Frequency (MHz)				1720	1745	1770	L	M	H
20	QPSK	1	0	22.35	22.48	22.41	0.1035	0.1067	0.1050
20	QPSK	1	49	22.43	22.47	22.43	0.1054	0.1064	0.1054
20	QPSK	1	99	22.36	22.43	22.40	0.1038	0.1054	0.1047
20	QPSK	50	0	21.34	21.44	21.31	0.0820	0.0839	0.0815
20	QPSK	50	24	21.29	21.29	21.30	0.0811	0.0811	0.0813
20	QPSK	50	50	21.28	21.34	21.29	0.0809	0.0820	0.0811
20	QPSK	100	0	21.35	21.40	21.34	0.0822	0.0832	0.0820
20	16QAM	1	0	21.59	21.75	21.68	0.0869	0.0902	0.0887
20	16QAM	1	49	21.65	21.75	21.63	0.0881	0.0902	0.0877
20	16QAM	1	99	21.72	21.71	21.66	0.0895	0.0893	0.0883
20	16QAM	50	0	20.28	20.46	20.32	0.0643	0.0670	0.0649
20	16QAM	50	24	20.36	20.29	20.28	0.0655	0.0644	0.0643
20	16QAM	50	50	20.29	20.30	20.26	0.0644	0.0646	0.0640
20	16QAM	100	0	20.34	20.41	20.32	0.0652	0.0662	0.0649
20	64QAM	1	0	20.50	20.58	20.42	0.0676	0.0689	0.0664
20	64QAM	1	49	20.48	20.45	20.43	0.0673	0.0668	0.0665
20	64QAM	1	99	20.36	20.64	20.51	0.0655	0.0698	0.0678
20	64QAM	50	0	19.44	19.30	19.27	0.0530	0.0513	0.0509
20	64QAM	50	24	19.27	19.42	19.41	0.0509	0.0527	0.0526
20	64QAM	50	50	19.25	19.37	19.35	0.0507	0.0521	0.0519
20	64QAM	100	0	19.31	19.26	19.40	0.0514	0.0508	0.0525
20	256QAM	1	0	17.40	17.48	17.46	0.0331	0.0337	0.0336
20	256QAM	1	49	17.40	17.51	17.48	0.0331	0.0340	0.0337
20	256QAM	1	99	17.41	17.39	17.45	0.0332	0.0330	0.0335
20	256QAM	50	0	17.47	17.45	17.39	0.0337	0.0335	0.0330
20	256QAM	50	24	17.44	17.42	17.41	0.0334	0.0333	0.0332
20	256QAM	50	50	17.43	17.40	17.40	0.0333	0.0331	0.0331
20	256QAM	100	0	17.42	17.42	17.35	0.0333	0.0333	0.0327
Channel				132047	132322	132597	EIRP(W)		
Frequency (MHz)				1717.5	1745	1772.5	L	M	H
15	QPSK	1	0	22.39	22.37	22.29	0.1045	0.1040	0.1021
15	QPSK	1	37	22.31	22.42	22.32	0.1026	0.1052	0.1028
15	QPSK	1	74	22.32	22.38	22.33	0.1028	0.1042	0.1030
15	QPSK	36	0	21.24	21.31	21.29	0.0802	0.0815	0.0811
15	QPSK	36	20	21.22	21.27	21.21	0.0798	0.0807	0.0796
15	QPSK	36	39	21.32	21.29	21.27	0.0817	0.0811	0.0807
15	QPSK	75	0	21.23	21.24	21.31	0.0800	0.0802	0.0815
15	16QAM	1	0	21.55	21.70	21.64	0.0861	0.0891	0.0879
15	16QAM	1	37	21.63	21.77	21.63	0.0877	0.0906	0.0877
15	16QAM	1	74	21.66	21.74	21.62	0.0883	0.0899	0.0875
15	16QAM	36	0	20.15	20.35	20.28	0.0624	0.0653	0.0643
15	16QAM	36	20	20.26	20.29	20.22	0.0640	0.0644	0.0634
15	16QAM	36	39	20.29	20.24	20.21	0.0644	0.0637	0.0632
15	16QAM	75	0	20.25	20.28	20.29	0.0638	0.0643	0.0644

15	64QAM	1	0	20.42	20.52	20.41	0.0664	0.0679	0.0662
15	64QAM	1	37	20.42	20.42	20.43	0.0664	0.0664	0.0665
15	64QAM	1	74	20.35	20.46	20.53	0.0653	0.0670	0.0681
15	64QAM	36	0	19.39	19.22	19.28	0.0524	0.0504	0.0511
15	64QAM	36	20	19.30	19.35	19.31	0.0513	0.0519	0.0514
15	64QAM	36	39	19.30	19.33	19.30	0.0513	0.0516	0.0513
15	64QAM	75	0	19.26	19.23	19.36	0.0508	0.0505	0.0520
15	256QAM	1	0	17.41	17.46	17.36	0.0332	0.0336	0.0328
15	256QAM	1	37	17.31	17.47	17.34	0.0324	0.0337	0.0327
15	256QAM	1	74	17.37	17.37	17.35	0.0329	0.0329	0.0327
15	256QAM	36	0	17.33	17.39	17.29	0.0326	0.0330	0.0323
15	256QAM	36	20	17.40	17.36	17.36	0.0331	0.0328	0.0328
15	256QAM	36	39	17.41	17.40	17.35	0.0332	0.0331	0.0327
15	256QAM	75	0	17.37	17.35	17.36	0.0329	0.0327	0.0328
Channel				132022	132322	132622	EIRP(W)		
Frequency (MHz)				1715	1745	1775	L	M	H
10	QPSK	1	0	22.34	22.40	22.35	0.1033	0.1047	0.1035
10	QPSK	1	25	22.30	22.37	22.37	0.1023	0.1040	0.1040
10	QPSK	1	49	22.36	22.37	22.38	0.1038	0.1040	0.1042
10	QPSK	25	0	21.29	21.36	21.25	0.0811	0.0824	0.0804
10	QPSK	25	12	21.33	21.33	21.28	0.0818	0.0818	0.0809
10	QPSK	25	25	21.25	21.32	21.22	0.0804	0.0817	0.0798
10	QPSK	50	0	21.24	21.30	21.23	0.0802	0.0813	0.0800
10	16QAM	1	0	21.57	21.68	21.63	0.0865	0.0887	0.0877
10	16QAM	1	25	21.57	21.77	21.59	0.0865	0.0906	0.0869
10	16QAM	1	49	21.64	21.75	21.58	0.0879	0.0902	0.0867
10	16QAM	25	0	20.16	20.37	20.28	0.0625	0.0656	0.0643
10	16QAM	25	12	20.30	20.23	20.27	0.0646	0.0635	0.0641
10	16QAM	25	25	20.22	20.32	20.22	0.0634	0.0649	0.0634
10	16QAM	50	0	20.26	20.34	20.22	0.0640	0.0652	0.0634
10	64QAM	1	0	20.41	20.43	20.36	0.0662	0.0665	0.0655
10	64QAM	1	25	20.42	20.47	20.44	0.0664	0.0671	0.0667
10	64QAM	1	49	20.38	20.48	20.49	0.0658	0.0673	0.0675
10	64QAM	25	0	19.35	19.31	19.20	0.0519	0.0514	0.0501
10	64QAM	25	12	19.19	19.36	19.37	0.0500	0.0520	0.0521
10	64QAM	25	25	19.21	19.29	19.25	0.0502	0.0512	0.0507
10	64QAM	50	0	19.26	19.24	19.37	0.0508	0.0506	0.0521
10	256QAM	1	0	17.30	17.45	17.37	0.0324	0.0335	0.0329
10	256QAM	1	25	17.37	17.39	17.38	0.0329	0.0330	0.0330
10	256QAM	1	49	17.30	17.42	17.38	0.0324	0.0333	0.0330
10	256QAM	25	0	17.40	17.38	17.33	0.0331	0.0330	0.0326
10	256QAM	25	12	17.30	17.37	17.31	0.0324	0.0329	0.0324
10	256QAM	25	25	17.36	17.41	17.35	0.0328	0.0332	0.0327
10	256QAM	50	0	17.40	17.40	17.34	0.0331	0.0331	0.0327
Channel				131997	132322	132647	EIRP(W)		
Frequency (MHz)				1712.5	1745	1777.5	L	M	H
5	QPSK	1	0	22.36	22.40	22.29	0.1038	0.1047	0.1021
5	QPSK	1	12	22.27	22.35	22.35	0.1016	0.1035	0.1035
5	QPSK	1	24	22.34	22.38	22.32	0.1033	0.1042	0.1028
5	QPSK	12	0	21.28	21.36	21.21	0.0809	0.0824	0.0796

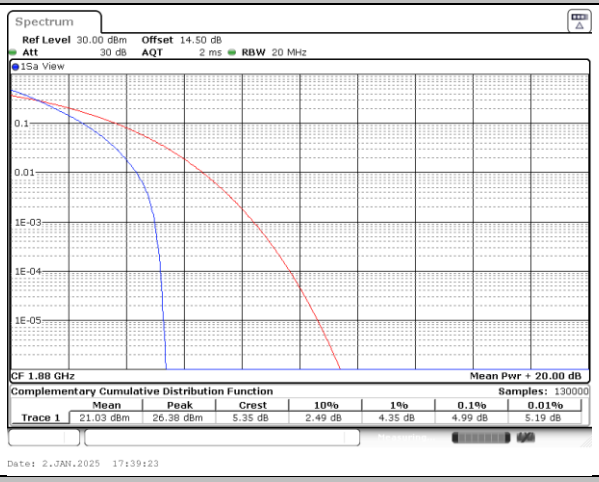
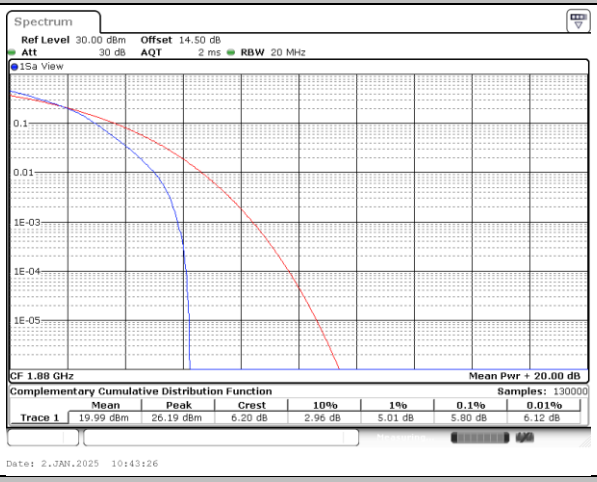
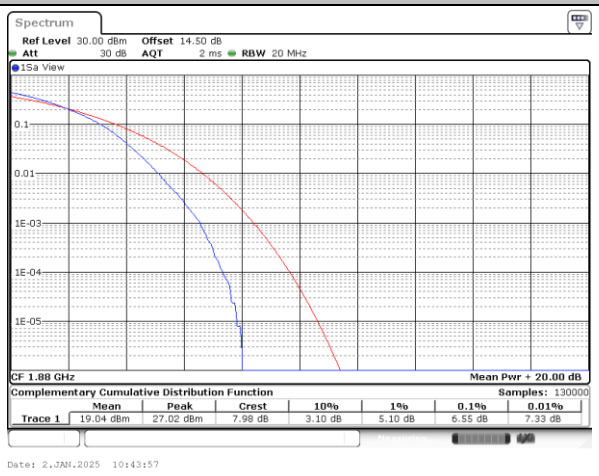
5	QPSK	12	7	21.31	21.33	21.17	0.0815	0.0818	0.0789
5	QPSK	12	13	21.24	21.35	21.32	0.0802	0.0822	0.0817
5	QPSK	25	0	21.24	21.29	21.19	0.0802	0.0811	0.0793
5	16QAM	1	0	21.54	21.67	21.72	0.0859	0.0885	0.0895
5	16QAM	1	12	21.64	21.71	21.67	0.0879	0.0893	0.0885
5	16QAM	1	24	21.68	21.76	21.60	0.0887	0.0904	0.0871
5	16QAM	12	0	20.27	20.35	20.31	0.0641	0.0653	0.0647
5	16QAM	12	7	20.22	20.29	20.21	0.0634	0.0644	0.0632
5	16QAM	12	13	20.29	20.32	20.27	0.0644	0.0649	0.0641
5	16QAM	25	0	20.27	20.36	20.23	0.0641	0.0655	0.0635
5	64QAM	1	0	20.39	20.47	20.39	0.0659	0.0671	0.0659
5	64QAM	1	12	20.42	20.42	20.36	0.0664	0.0664	0.0655
5	64QAM	1	24	20.36	20.47	20.47	0.0655	0.0671	0.0671
5	64QAM	12	0	19.31	19.27	19.31	0.0514	0.0509	0.0514
5	64QAM	12	7	19.21	19.35	19.27	0.0502	0.0519	0.0509
5	64QAM	12	13	19.19	19.30	19.25	0.0500	0.0513	0.0507
5	64QAM	25	0	19.22	19.23	19.28	0.0504	0.0505	0.0511
5	256QAM	1	0	17.29	17.39	17.39	0.0323	0.0330	0.0330
5	256QAM	1	12	17.35	17.45	17.42	0.0327	0.0335	0.0333
5	256QAM	1	24	17.40	17.39	17.30	0.0331	0.0330	0.0324
5	256QAM	12	0	17.39	17.42	17.41	0.0330	0.0333	0.0332
5	256QAM	12	7	17.38	17.41	17.31	0.0330	0.0332	0.0324
5	256QAM	12	13	17.29	17.43	17.30	0.0323	0.0333	0.0324
5	256QAM	25	0	17.30	17.34	17.41	0.0324	0.0327	0.0332
Channel				131987	132322	132657	EIRP(W)		
Frequency (MHz)				1711.5	1745	1778.5	L	M	H
3	QPSK	1	0	22.34	22.37	22.30	0.1033	0.1040	0.1023
3	QPSK	1	8	22.27	22.40	22.30	0.1016	0.1047	0.1023
3	QPSK	1	14	22.25	22.38	22.33	0.1012	0.1042	0.1030
3	QPSK	8	0	21.32	21.28	21.31	0.0817	0.0809	0.0815
3	QPSK	8	4	21.31	21.23	21.29	0.0815	0.0800	0.0811
3	QPSK	8	7	21.27	21.36	21.24	0.0807	0.0824	0.0802
3	QPSK	15	0	21.22	21.31	21.20	0.0798	0.0815	0.0794
3	16QAM	1	0	21.50	21.62	21.65	0.0851	0.0875	0.0881
3	16QAM	1	8	21.67	21.73	21.63	0.0885	0.0897	0.0877
3	16QAM	1	14	21.64	21.65	21.58	0.0879	0.0881	0.0867
3	16QAM	8	0	20.23	20.36	20.25	0.0635	0.0655	0.0638
3	16QAM	8	4	20.28	20.30	20.31	0.0643	0.0646	0.0647
3	16QAM	8	7	20.23	20.27	20.26	0.0635	0.0641	0.0640
3	16QAM	15	0	20.28	20.32	20.21	0.0643	0.0649	0.0632
3	64QAM	1	0	20.39	20.41	20.45	0.0659	0.0662	0.0668
3	64QAM	1	8	20.43	20.46	20.43	0.0665	0.0670	0.0665
3	64QAM	1	14	20.30	20.51	20.51	0.0646	0.0678	0.0678
3	64QAM	8	0	19.39	19.29	19.20	0.0524	0.0512	0.0501
3	64QAM	8	4	19.29	19.34	19.31	0.0512	0.0518	0.0514
3	64QAM	8	7	19.29	19.38	19.27	0.0512	0.0522	0.0509
3	64QAM	15	0	19.22	19.25	19.28	0.0504	0.0507	0.0511
3	256QAM	1	0	17.40	17.46	17.31	0.0331	0.0336	0.0324
3	256QAM	1	8	17.35	17.43	17.43	0.0327	0.0333	0.0333
3	256QAM	1	14	17.33	17.42	17.35	0.0326	0.0333	0.0327

3	256QAM	8	0	17.37	17.37	17.39	0.0329	0.0329	0.0330
3	256QAM	8	4	17.34	17.33	17.37	0.0327	0.0326	0.0329
3	256QAM	8	7	17.40	17.43	17.32	0.0331	0.0333	0.0325
3	256QAM	15	0	17.29	17.42	17.36	0.0323	0.0333	0.0328
Channel				131979	132322	132665	EIRP(W)		
Frequency (MHz)				1710.7	1745	1779.3	L	M	H
1.4	QPSK	1	0	22.37	22.43	22.31	0.1040	0.1054	0.1026
1.4	QPSK	1	3	22.36	22.38	22.34	0.1038	0.1042	0.1033
1.4	QPSK	1	5	22.32	22.34	22.26	0.1028	0.1033	0.1014
1.4	QPSK	3	0	22.38	22.36	22.30	0.1042	0.1038	0.1023
1.4	QPSK	3	1	22.32	22.44	22.34	0.1028	0.1057	0.1033
1.4	QPSK	3	3	22.33	22.34	22.34	0.1030	0.1033	0.1033
1.4	QPSK	6	0	21.22	21.34	21.27	0.0798	0.0820	0.0807
1.4	16QAM	1	0	21.24	21.27	21.18	0.0802	0.0807	0.0791
1.4	16QAM	1	3	21.26	21.26	21.24	0.0805	0.0805	0.0802
1.4	16QAM	1	5	21.24	21.34	21.23	0.0802	0.0820	0.0800
1.4	16QAM	3	0	21.49	21.67	21.64	0.0849	0.0885	0.0879
1.4	16QAM	3	1	21.59	21.74	21.60	0.0869	0.0899	0.0871
1.4	16QAM	3	3	21.73	21.66	21.50	0.0897	0.0883	0.0851
1.4	16QAM	6	0	20.17	20.38	20.20	0.0627	0.0658	0.0631
1.4	64QAM	1	0	20.30	20.28	20.23	0.0646	0.0643	0.0635
1.4	64QAM	1	3	20.28	20.29	20.29	0.0643	0.0644	0.0644
1.4	64QAM	1	5	20.30	20.26	20.23	0.0646	0.0640	0.0635
1.4	64QAM	3	0	20.46	20.47	20.44	0.0670	0.0671	0.0667
1.4	64QAM	3	1	20.41	20.41	20.41	0.0662	0.0662	0.0662
1.4	64QAM	3	3	20.30	20.48	20.45	0.0646	0.0673	0.0668
1.4	64QAM	6	0	19.28	19.33	19.28	0.0511	0.0516	0.0511
1.4	256QAM	1	0	17.36	17.47	17.38	0.0328	0.0337	0.0330
1.4	256QAM	1	3	17.38	17.46	17.43	0.0330	0.0336	0.0333
1.4	256QAM	1	5	17.37	17.37	17.40	0.0329	0.0329	0.0331
1.4	256QAM	3	0	17.36	17.33	17.32	0.0328	0.0326	0.0325
1.4	256QAM	3	1	17.36	17.43	17.40	0.0328	0.0333	0.0331
1.4	256QAM	3	3	17.41	17.34	17.39	0.0332	0.0327	0.0330
1.4	256QAM	6	0	17.33	17.42	17.30	0.0326	0.0333	0.0324

LTE Band 2

Peak-to-Average Ratio

Mode	LTE Band 2 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.99	5.80	6.55	PASS

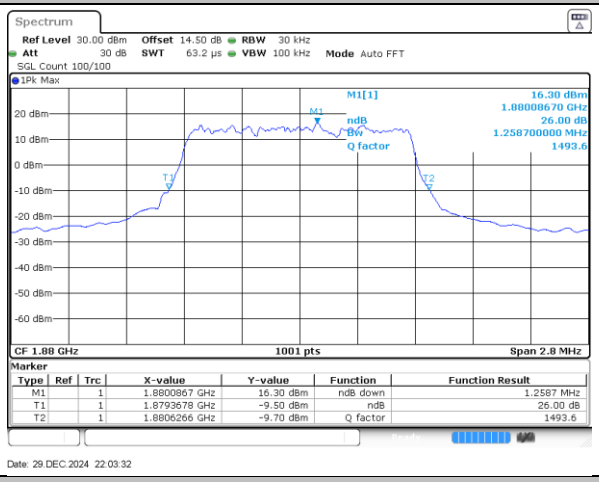
LTE Band 2 / 20MHz / QPSK	LTE Band 2 / 20MHz / 16QAM
Middle Channel / Full RB	Middle Channel / Full RB
	
LTE Band 2 / 20MHz / 64QAM	
Middle Channel / Full RB	
	

26dB Bandwidth

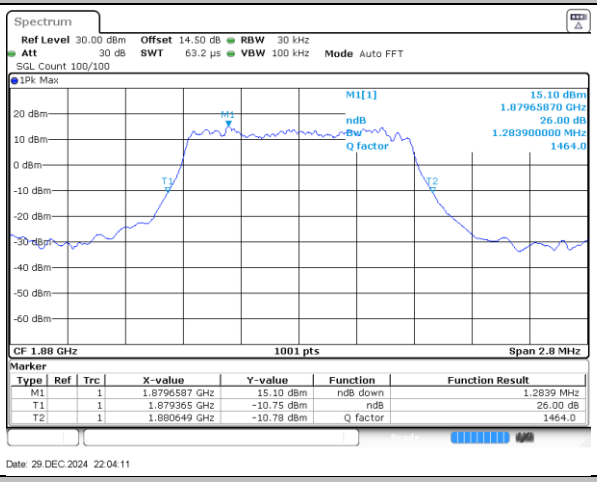
Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.26	1.28	2.93	2.96	4.85	4.87	9.83	9.89	14.45	14.30	18.70	18.98

LTE Band 2

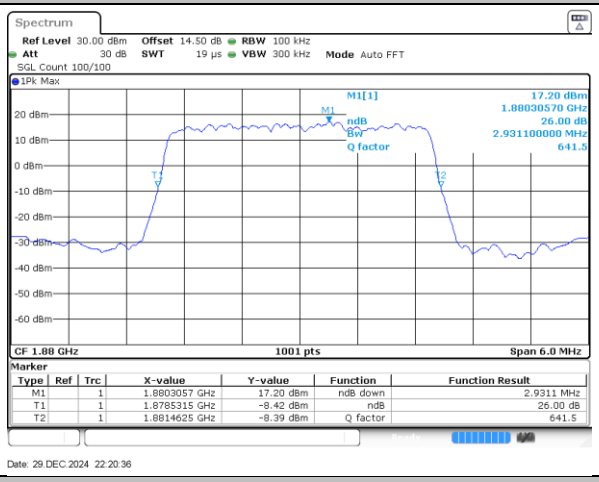
Middle Channel / 1.4MHz / QPSK



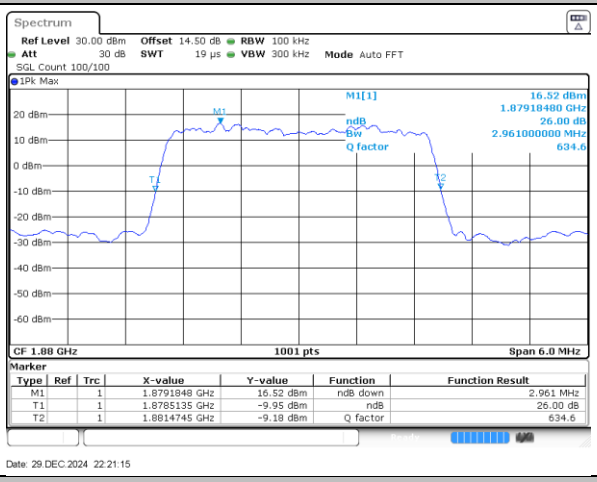
Middle Channel / 1.4MHz / 16QAM



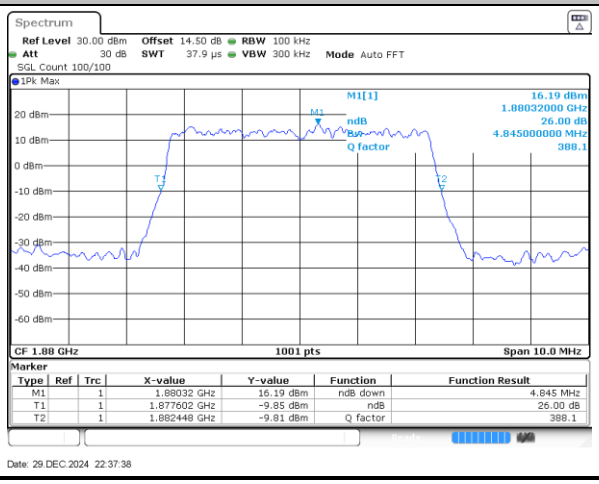
Middle Channel / 3MHz / QPSK



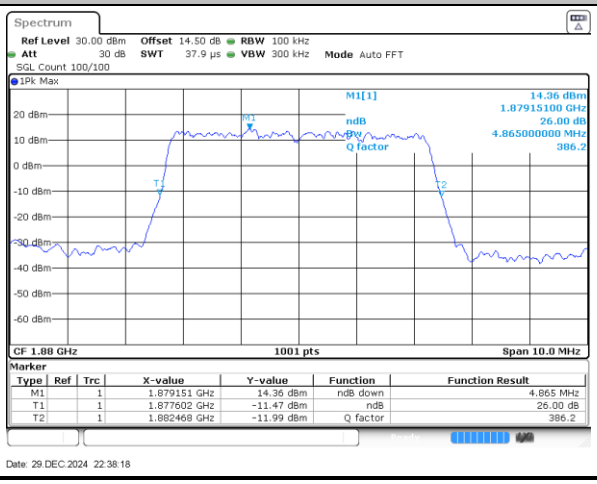
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

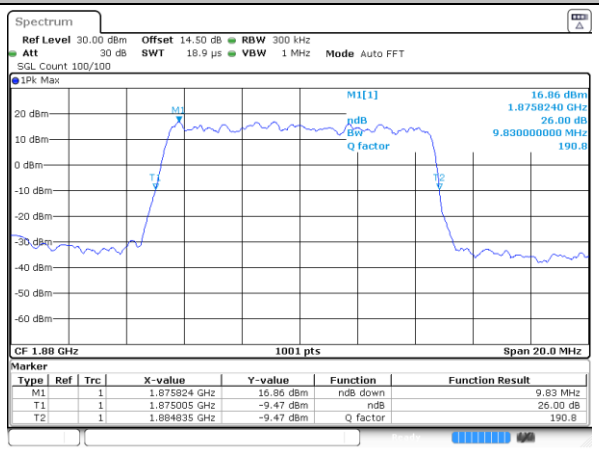


Middle Channel / 5MHz / 16QAM

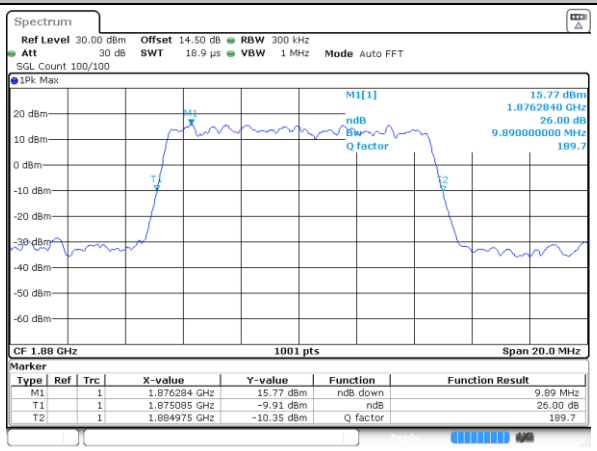


LTE Band 2

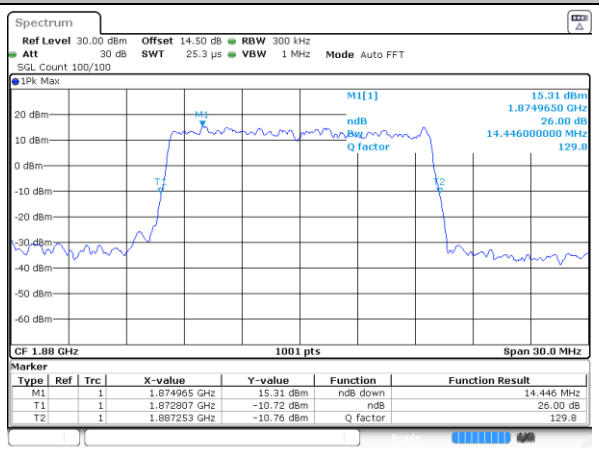
Middle Channel / 10MHz / QPSK



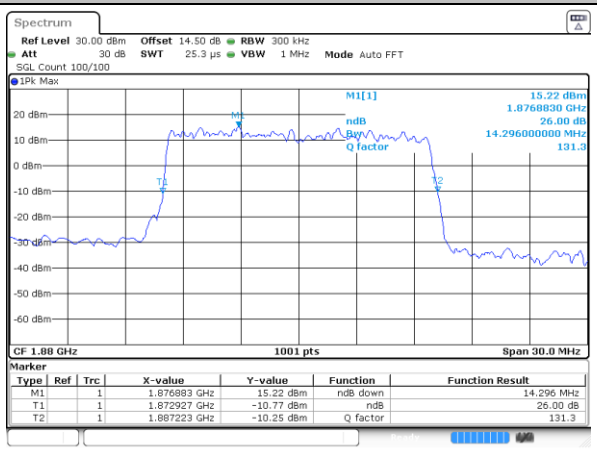
Middle Channel / 10MHz / 16QAM



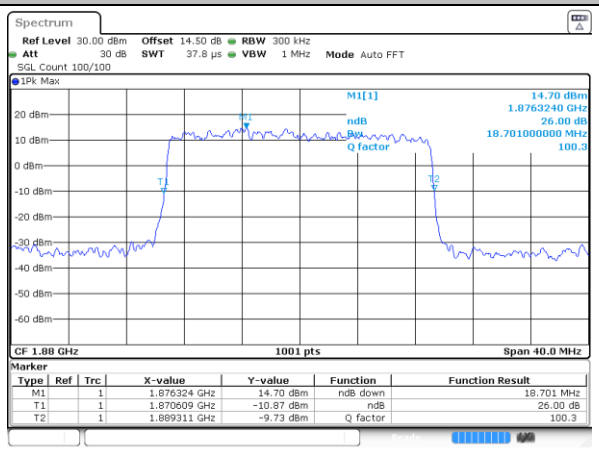
Middle Channel / 15MHz / QPSK



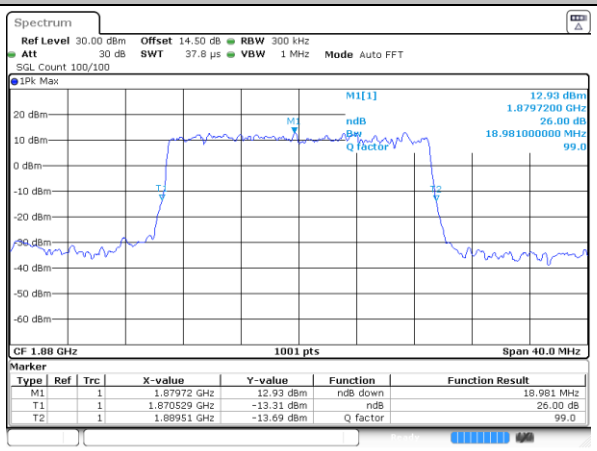
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

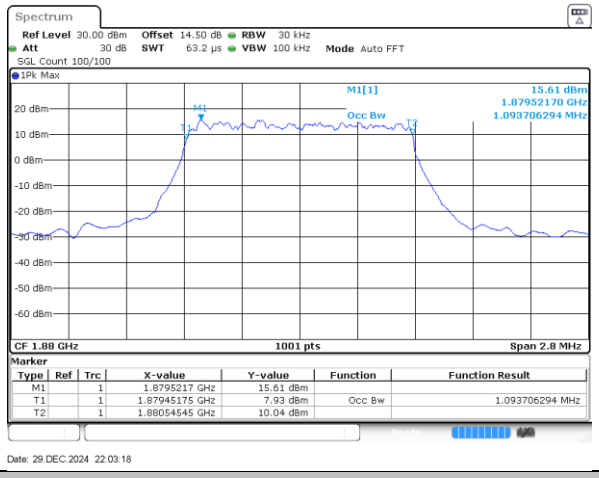


Occupied Bandwidth

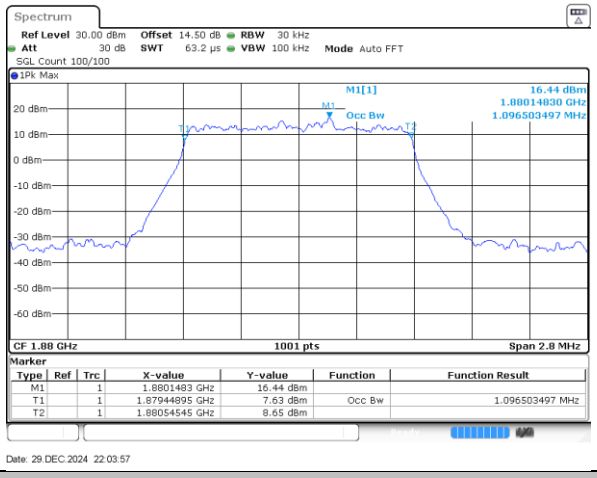
Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.10	2.71	2.70	4.48	4.48	9.07	8.95	13.43	13.46	17.86	17.90

LTE Band 2

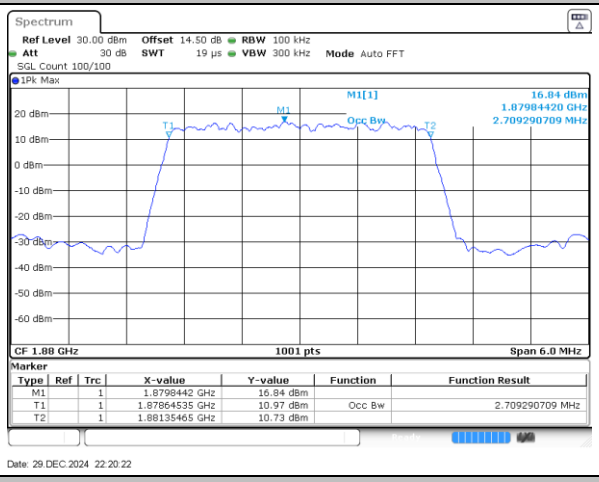
Middle Channel / 1.4MHz / QPSK



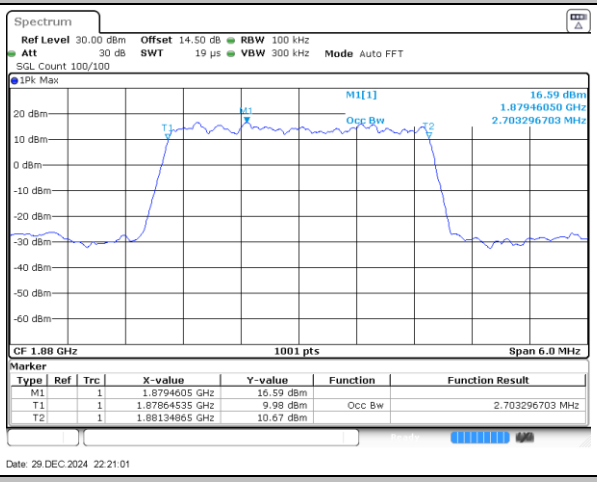
Middle Channel / 1.4MHz / 16QAM



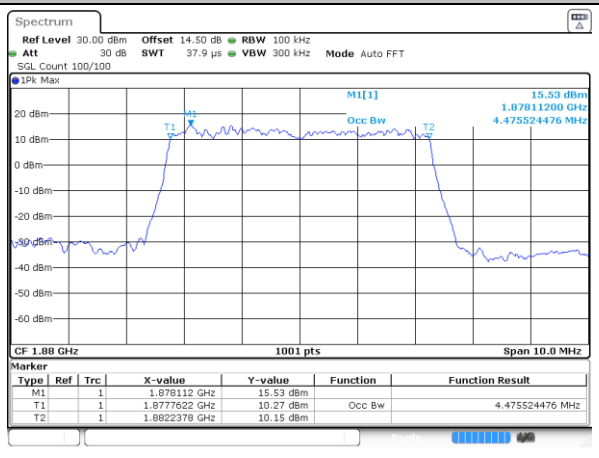
Middle Channel / 3MHz / QPSK



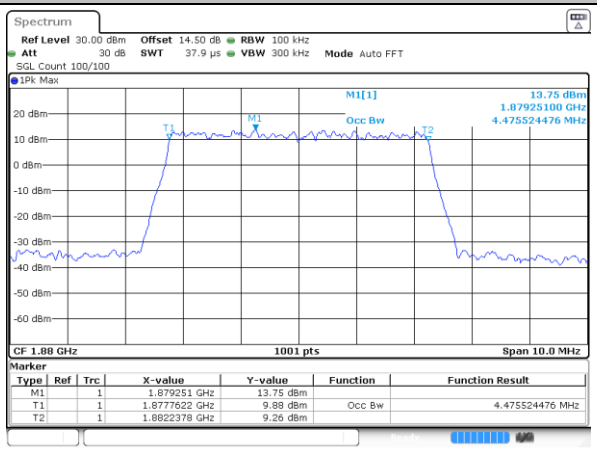
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

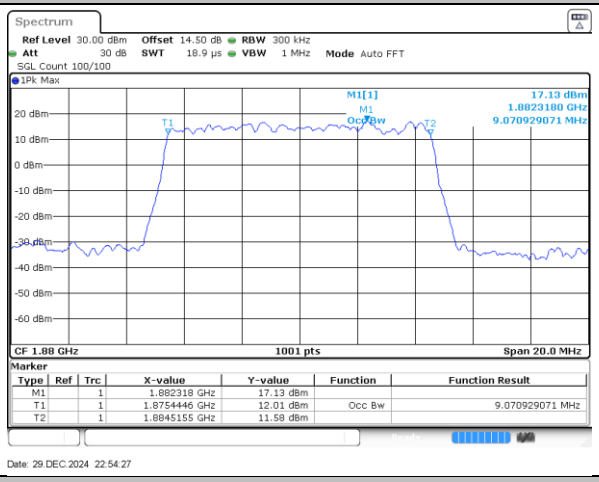


Middle Channel / 5MHz / 16QAM

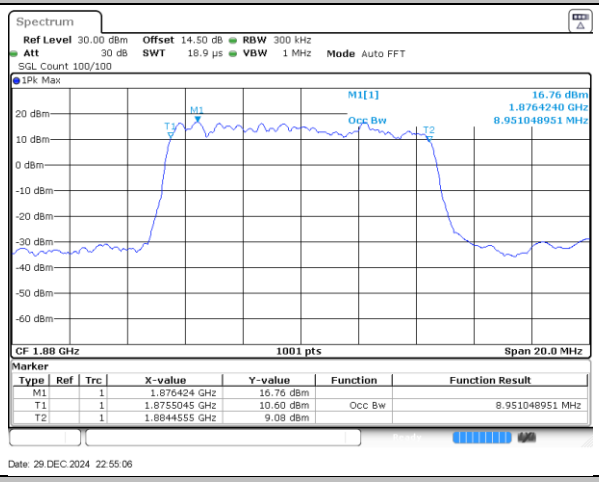


LTE Band 2

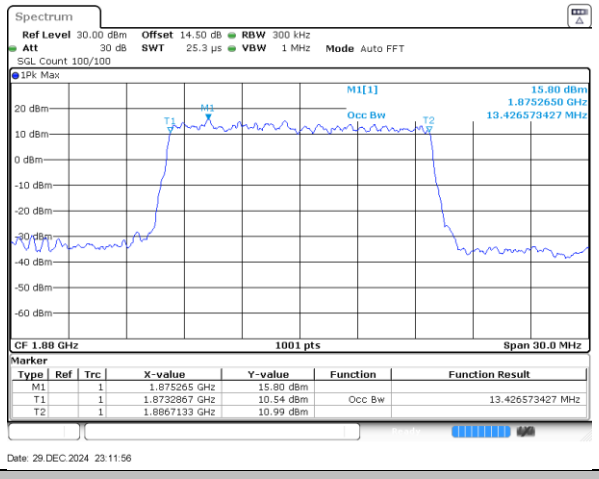
Middle Channel / 10MHz / QPSK



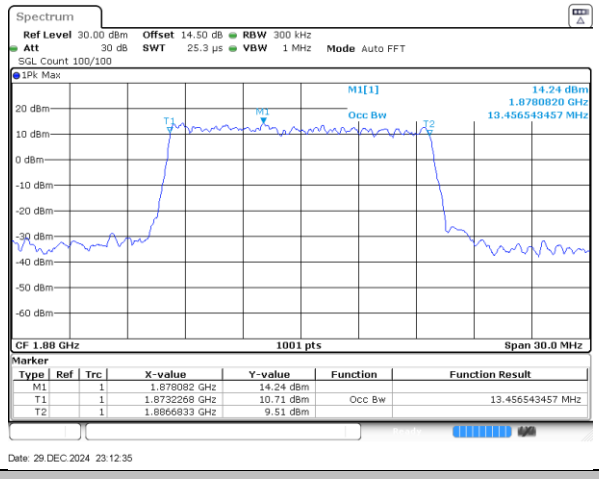
Middle Channel / 10MHz / 16QAM



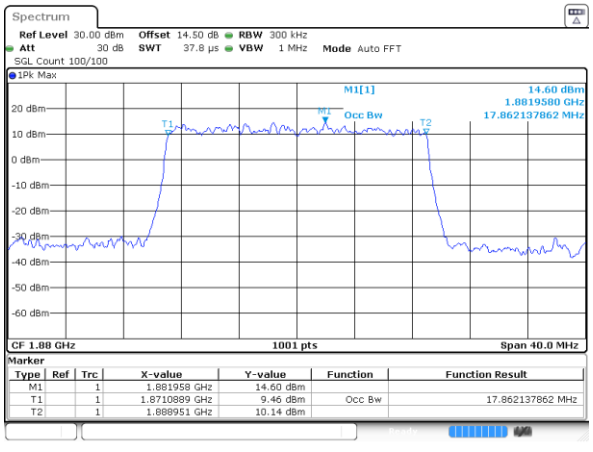
Middle Channel / 15MHz / QPSK



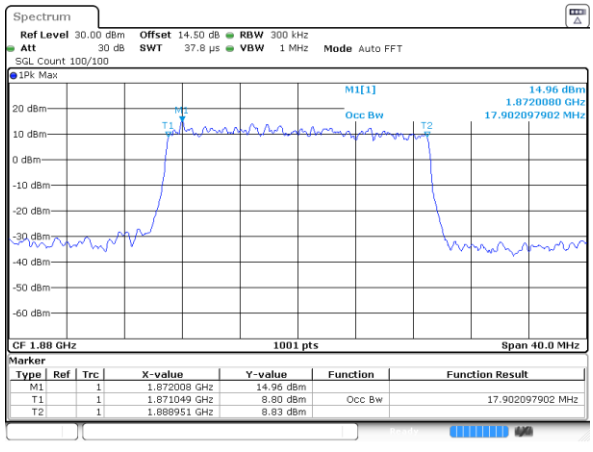
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



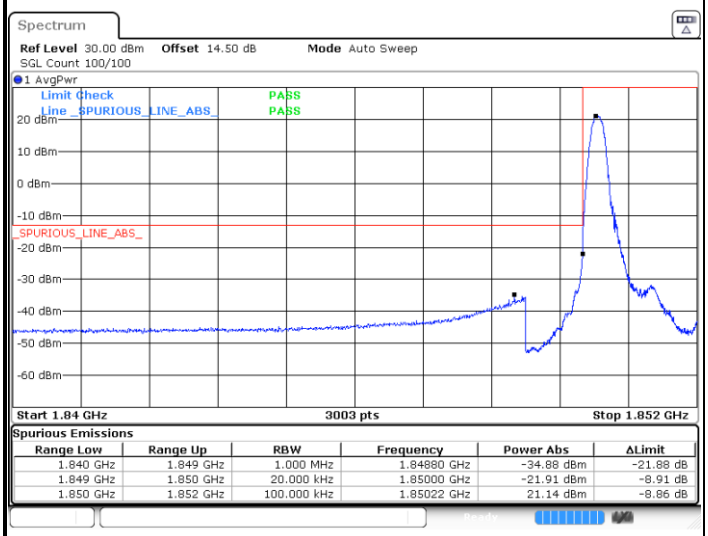
Middle Channel / 20MHz / 16QAM



Conducted Band Edge

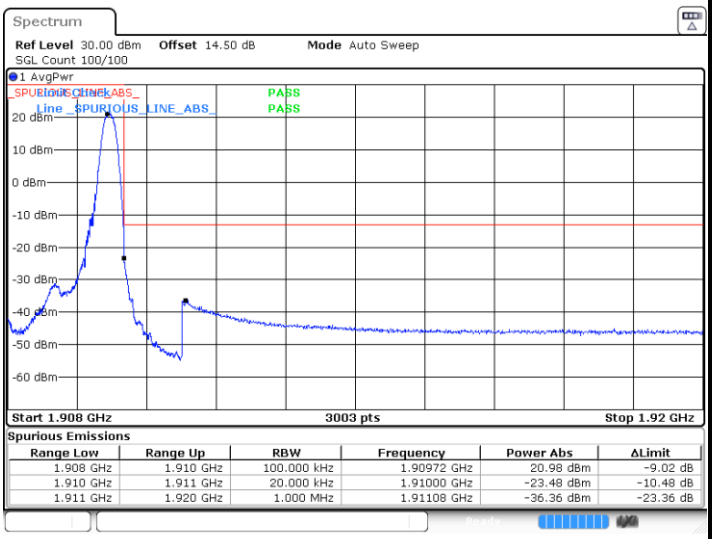
LTE Band 2 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



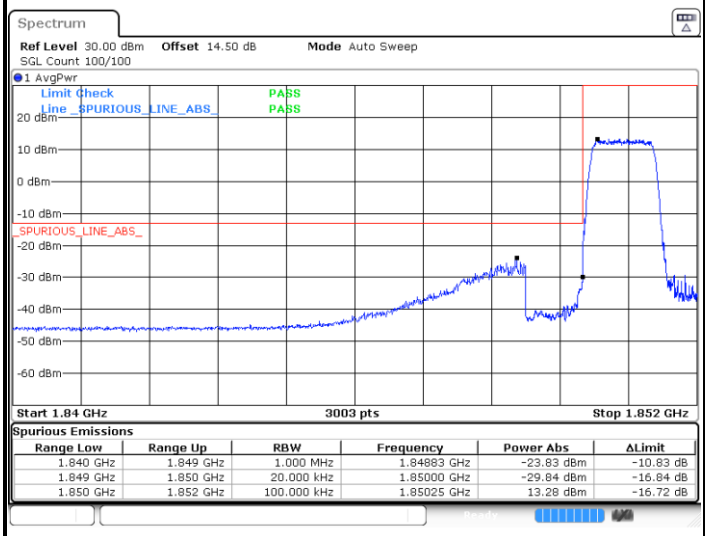
Date: 29.DEC.2024 21:55:37

Highest Band Edge / 1RB



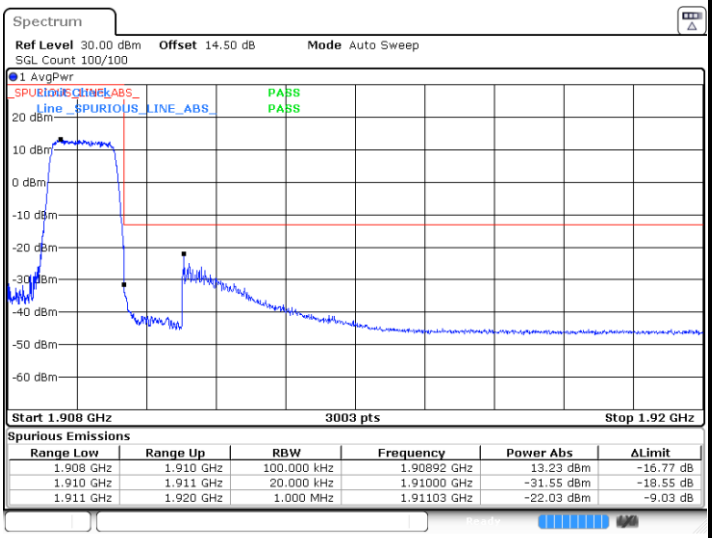
Date: 29.DEC.2024 22:05:05

Lowest Band Edge / Full RB



Date: 29.DEC.2024 21:59:42

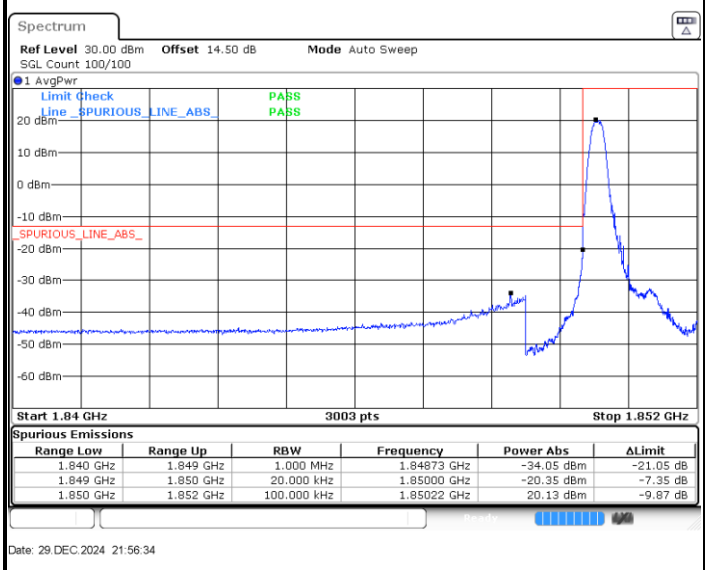
Highest Band Edge / Full RB



Date: 29.DEC.2024 22:09:10

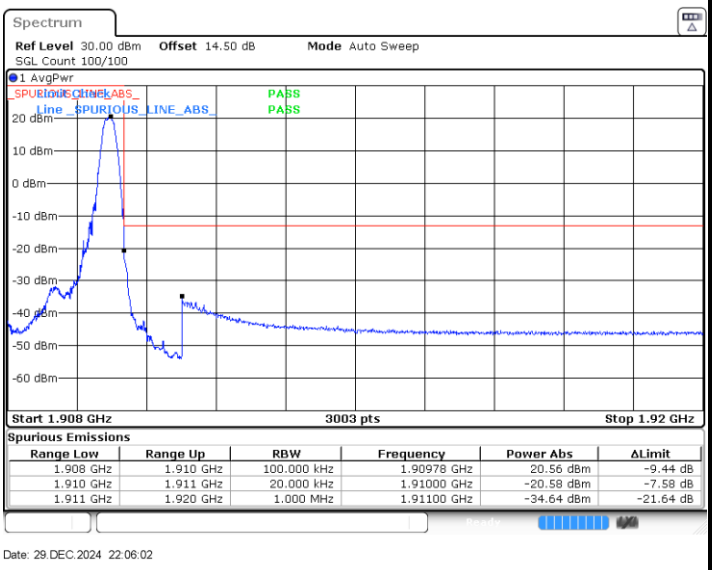
LTE Band 2 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



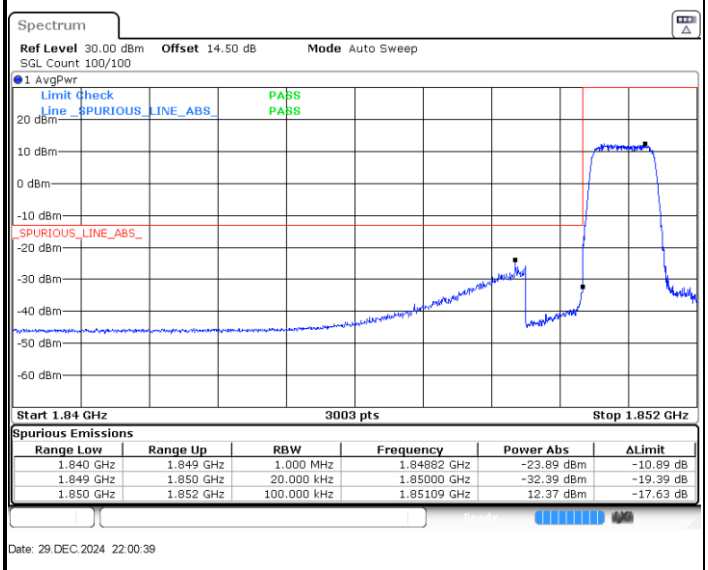
Date: 29.DEC.2024 21:56:34

Highest Band Edge / 1 RB



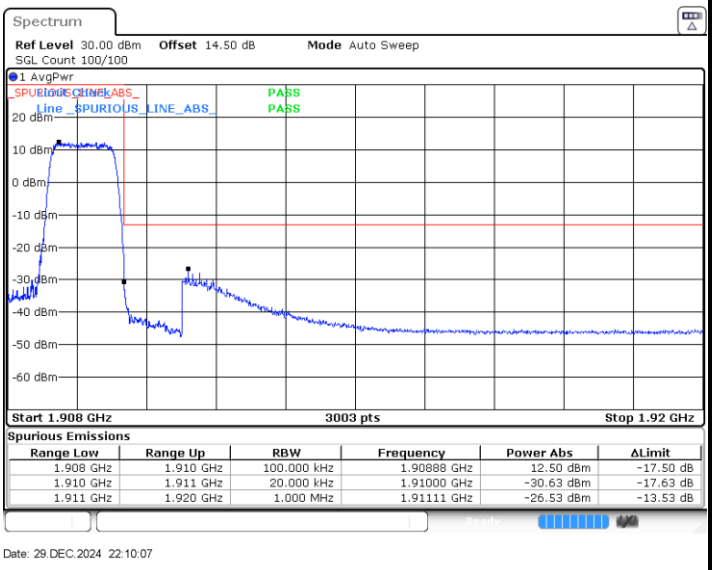
Date: 29.DEC.2024 22:06:02

Lowest Band Edge / Full RB



Date: 29.DEC.2024 22:00:39

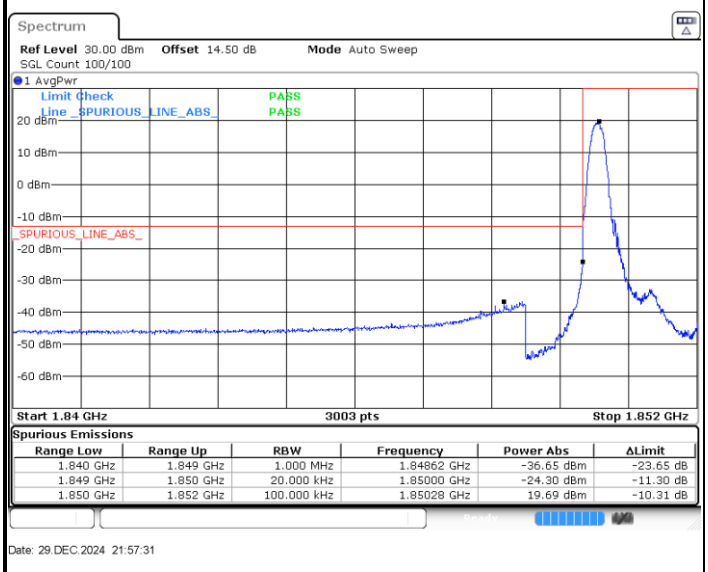
Highest Band Edge / Full RB



Date: 29.DEC.2024 22:10:07

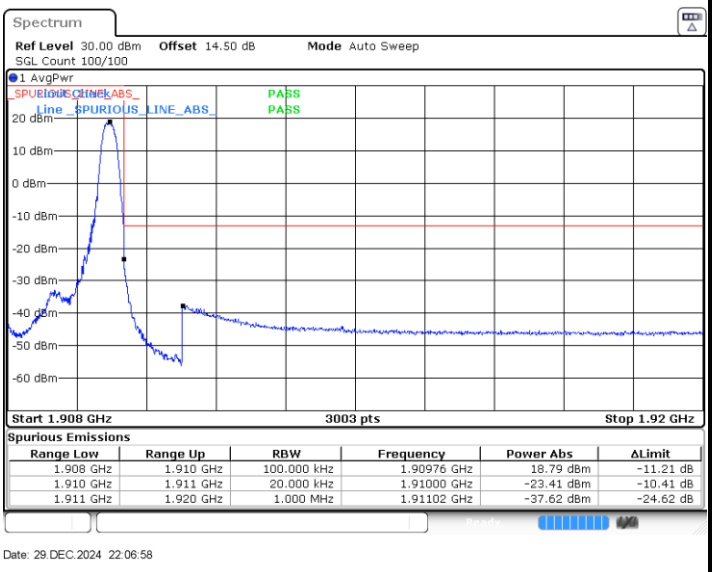
LTE Band 2 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



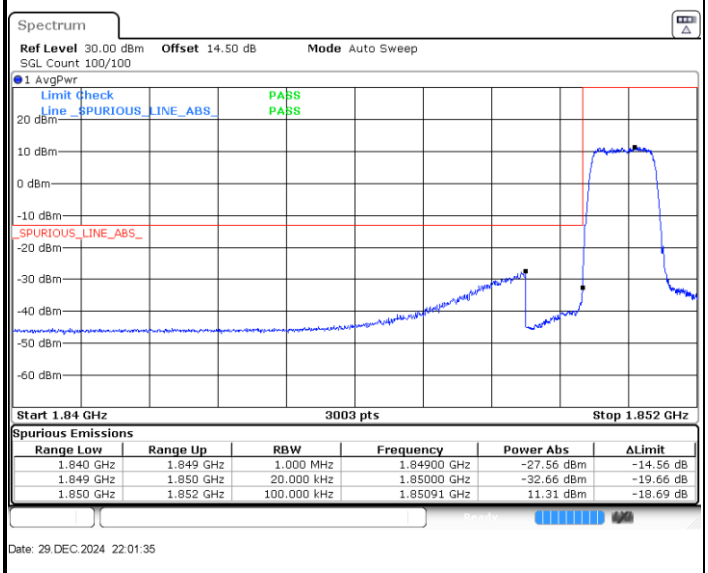
Date: 29.DEC.2024 21:57:31

Highest Band Edge / 1 RB



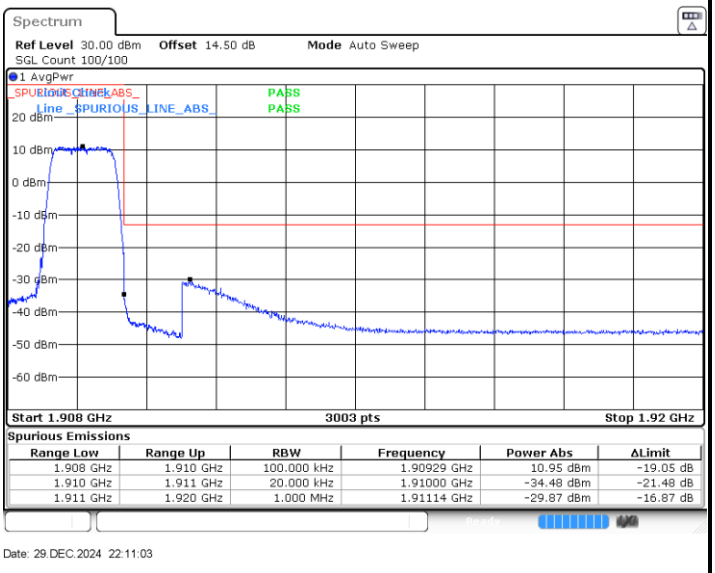
Date: 29.DEC.2024 22:06:58

Lowest Band Edge / Full RB



Date: 29.DEC.2024 22:01:35

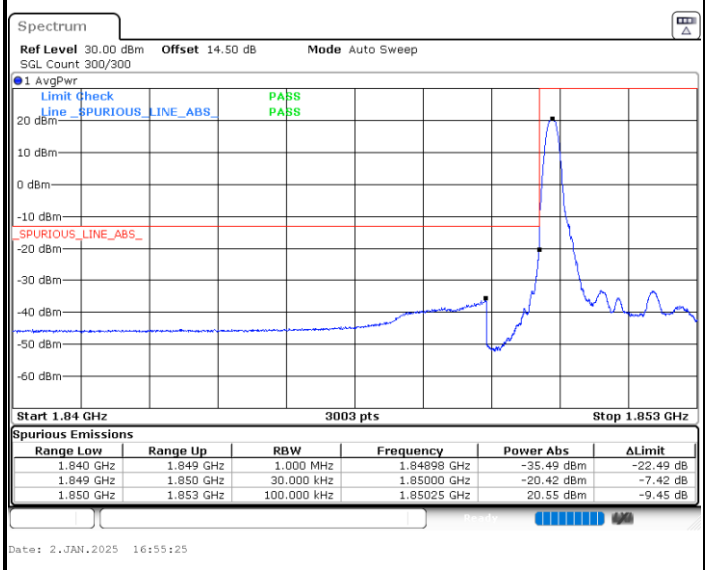
Highest Band Edge / Full RB



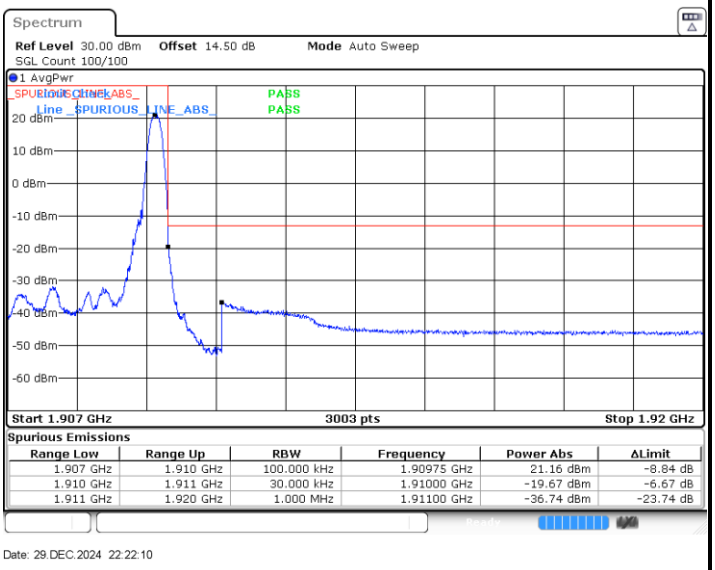
Date: 29.DEC.2024 22:11:03

LTE Band 2 / 3MHz / QPSK

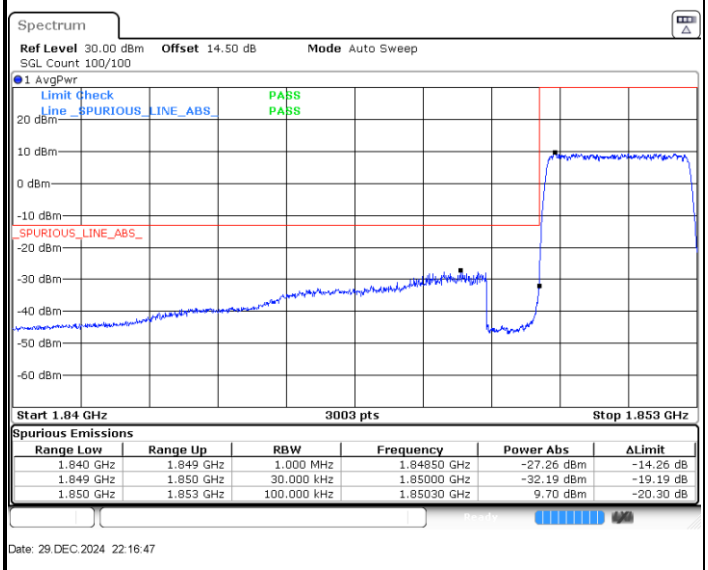
Lowest Band Edge / 1RB



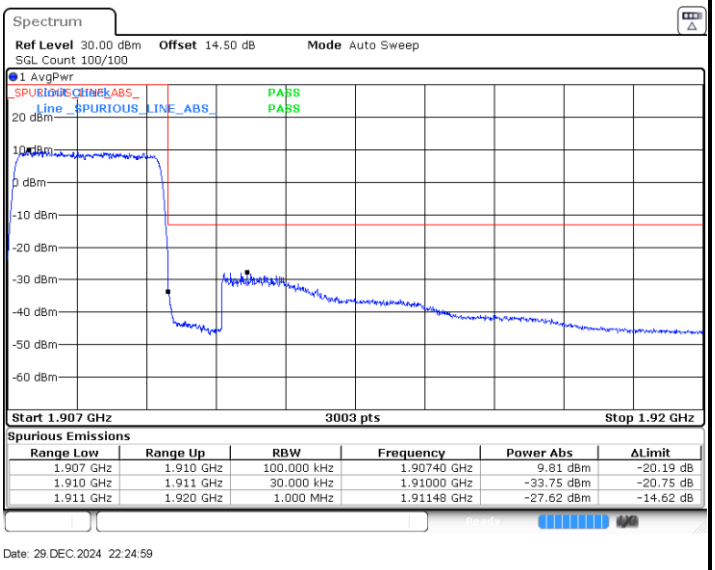
Highest Band Edge / 1RB



Lowest Band Edge / Full RB

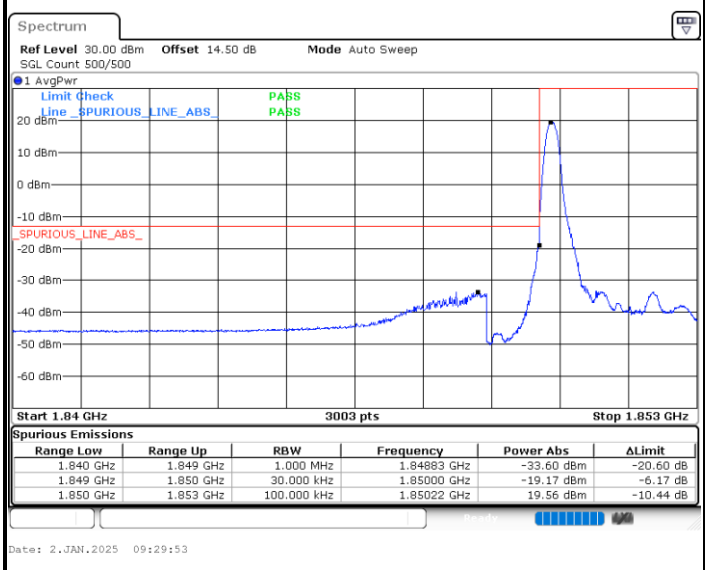


Highest Band Edge / Full RB

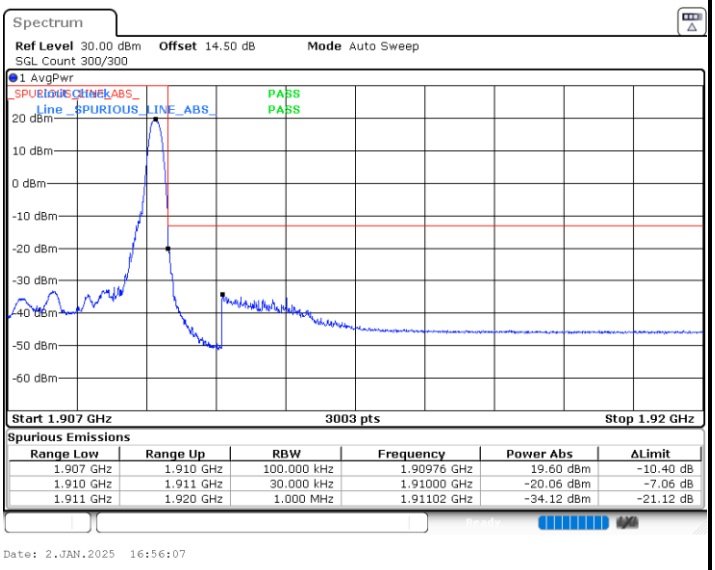


LTE Band 2 / 3MHz / 16QAM

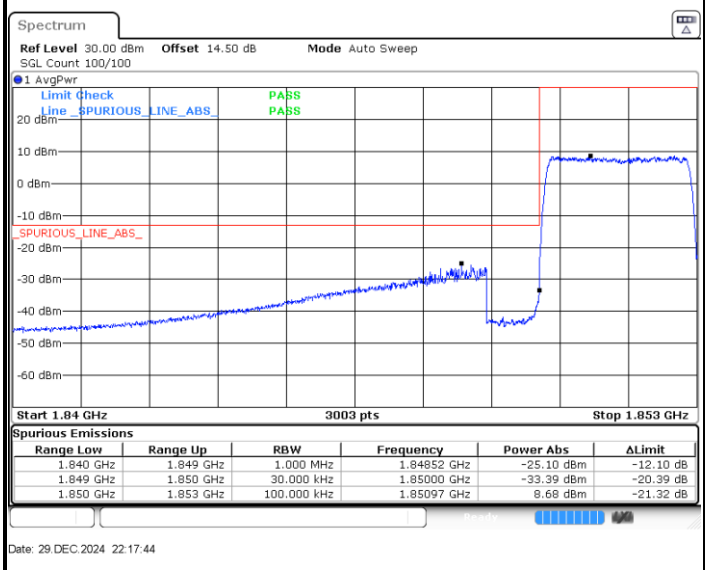
Lowest Band Edge / 1 RB



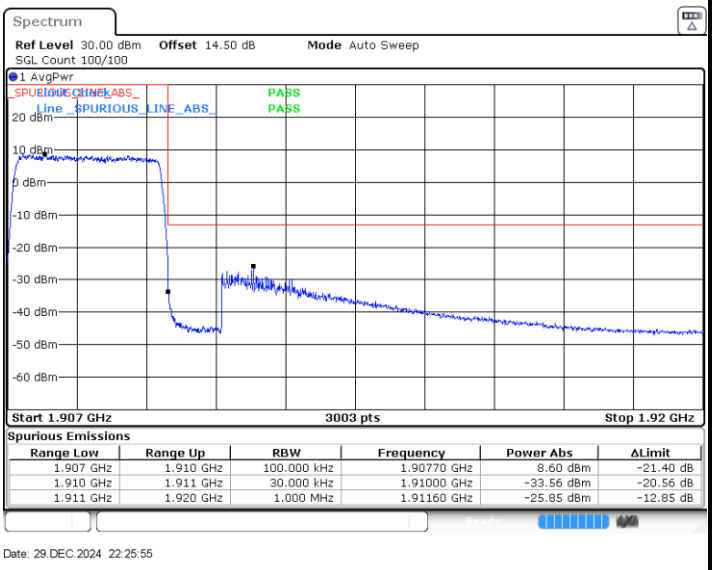
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

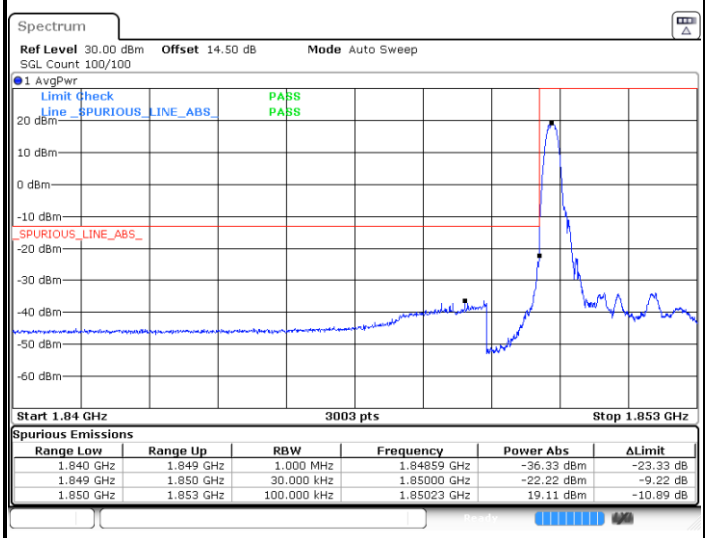


Highest Band Edge / Full RB



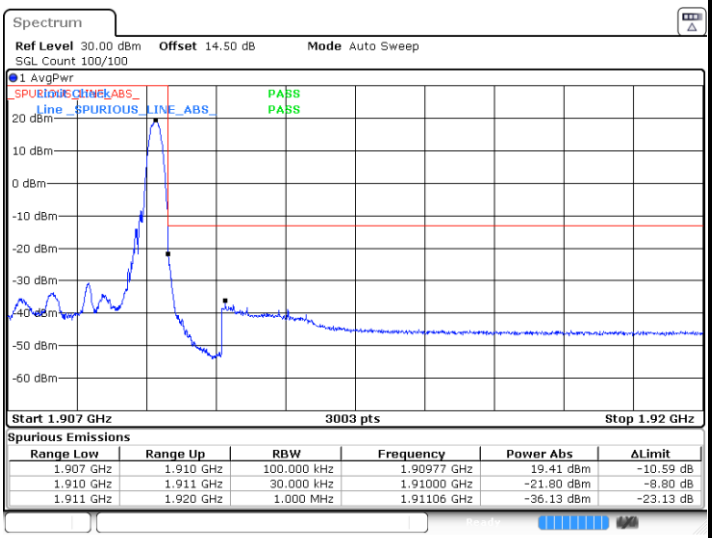
LTE Band 2 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



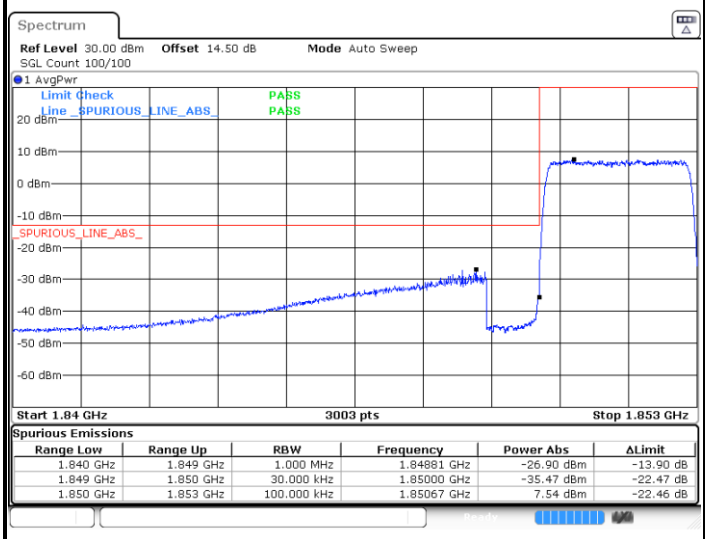
Date: 29.DEC.2024 22:14:36

Highest Band Edge / 1 RB



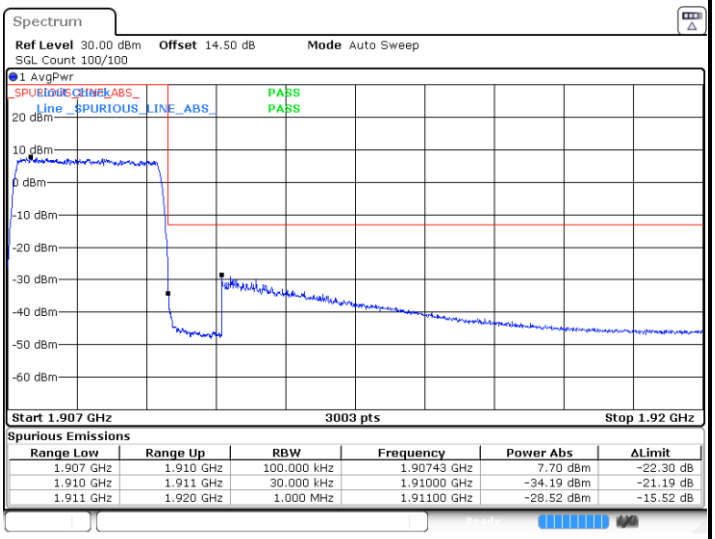
Date: 29.DEC.2024 22:24:02

Lowest Band Edge / Full RB



Date: 29.DEC.2024 22:18:40

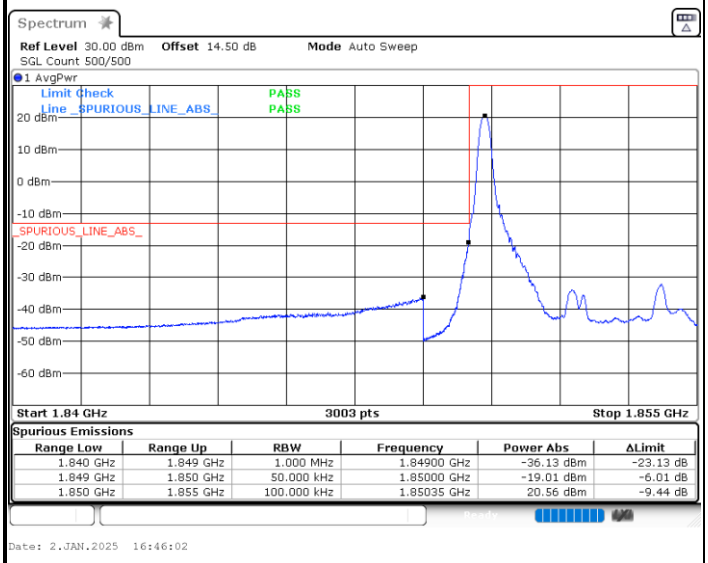
Highest Band Edge / Full RB



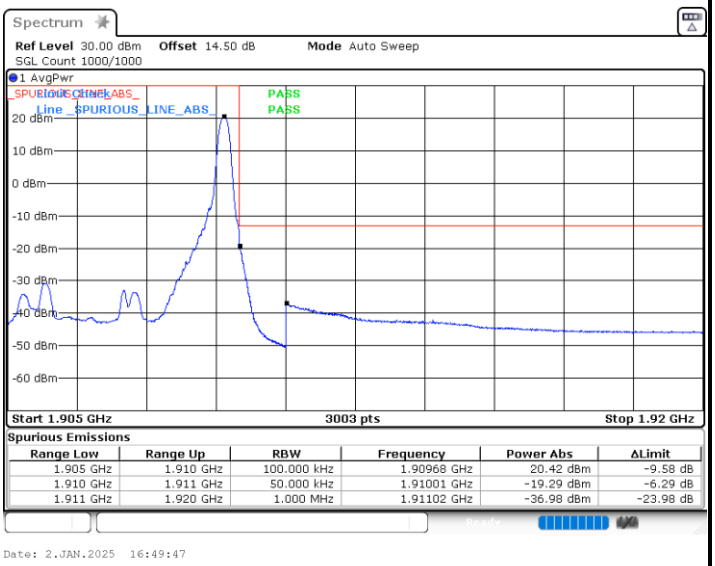
Date: 29.DEC.2024 22:26:52

LTE Band 2 / 5MHz / QPSK

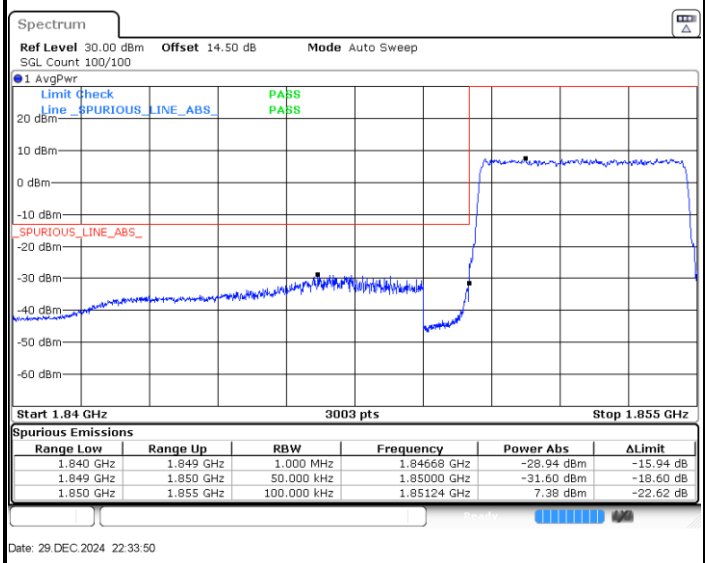
Lowest Band Edge / 1RB



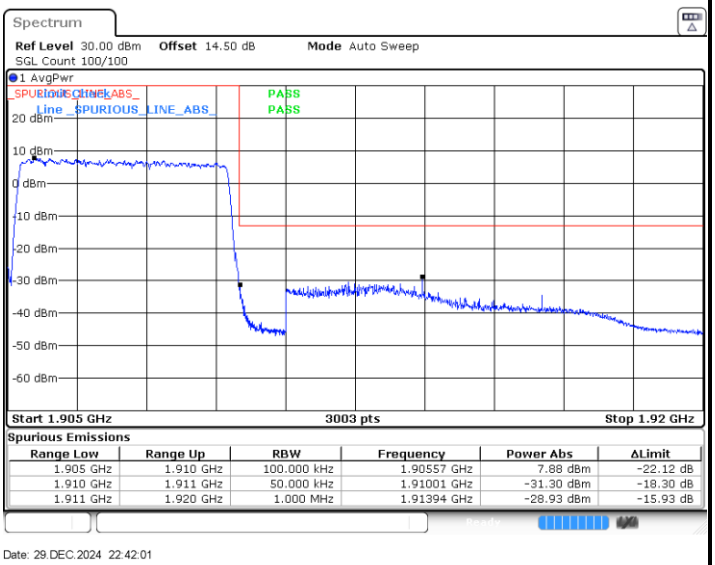
Highest Band Edge / 1RB



Lowest Band Edge / Full RB

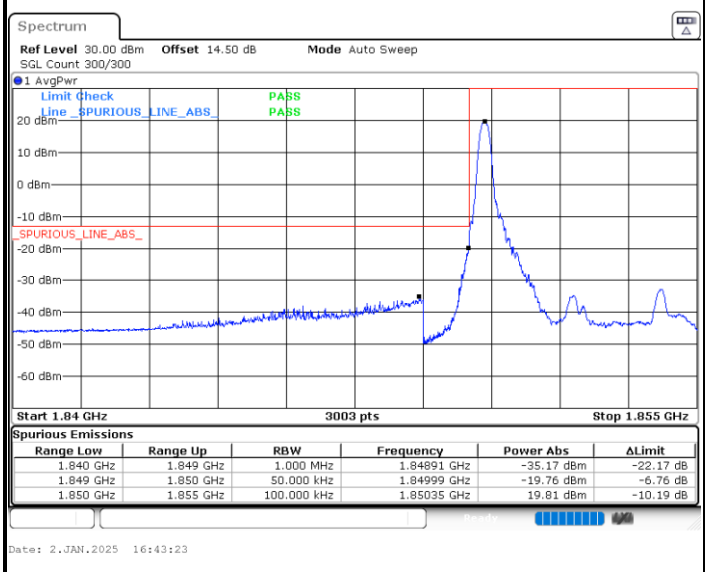


Highest Band Edge / Full RB



LTE Band 2 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

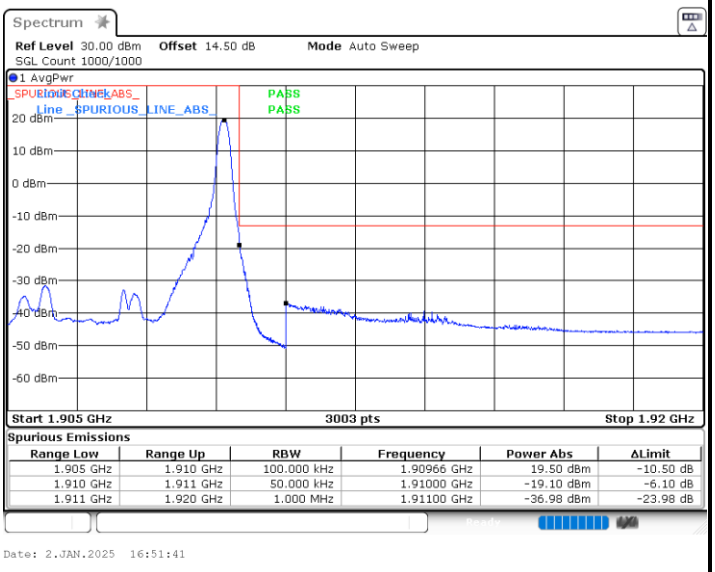


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84891 GHz	-35.17 dBm	-22.17 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.84999 GHz	-19.76 dBm	-6.76 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85035 GHz	19.81 dBm	-10.19 dB

Date: 2.JAN.2025 16:43:23

Highest Band Edge / 1 RB

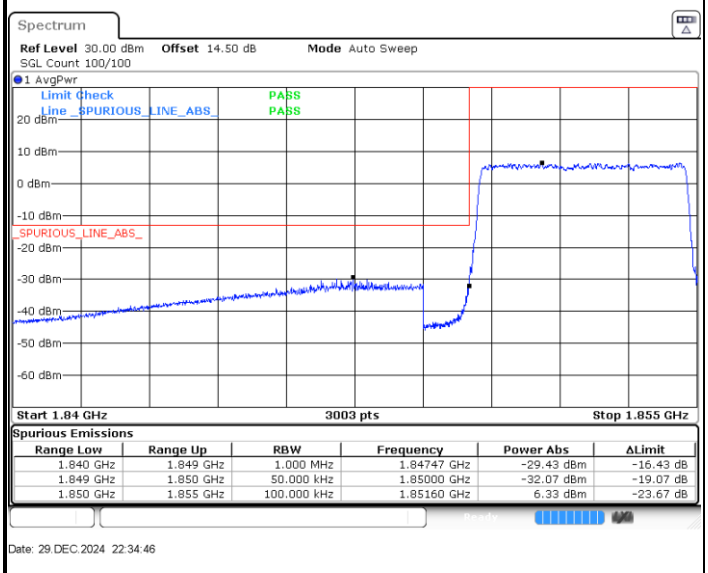


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90966 GHz	19.50 dBm	-10.50 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91000 GHz	-19.10 dBm	-6.10 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91100 GHz	-36.98 dBm	-23.98 dB

Date: 2.JAN.2025 16:51:41

Lowest Band Edge / Full RB

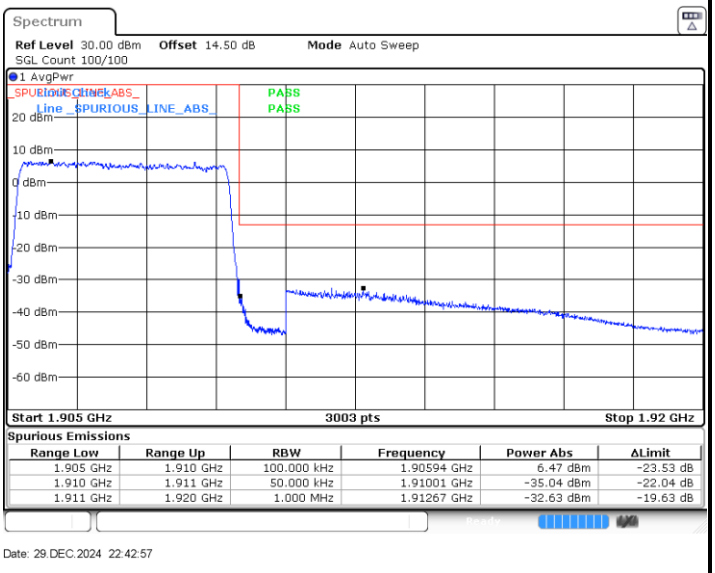


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84747 GHz	-29.43 dBm	-16.43 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.85000 GHz	-32.07 dBm	-19.07 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85160 GHz	6.33 dBm	-23.67 dB

Date: 29.DEC.2024 22:34:46

Highest Band Edge / Full RB



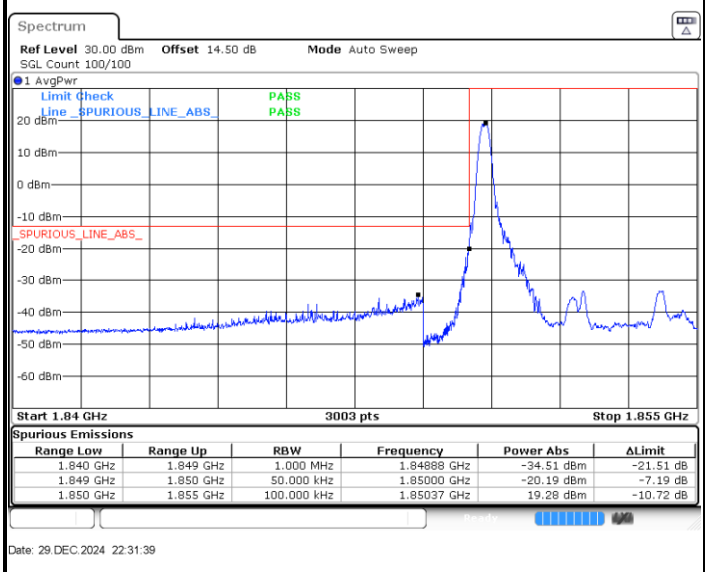
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90594 GHz	6.47 dBm	-23.53 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91001 GHz	-35.04 dBm	-22.04 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91267 GHz	-32.63 dBm	-19.63 dB

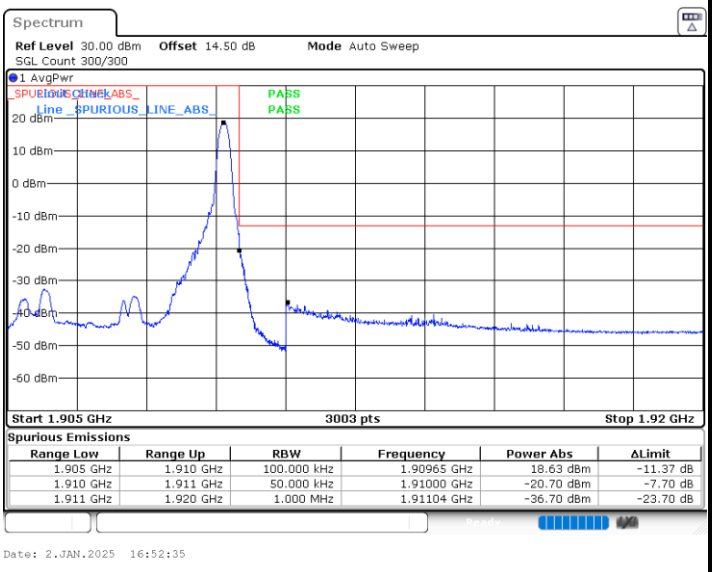
Date: 29.DEC.2024 22:42:57

LTE Band 2 / 5MHz / 64QAM

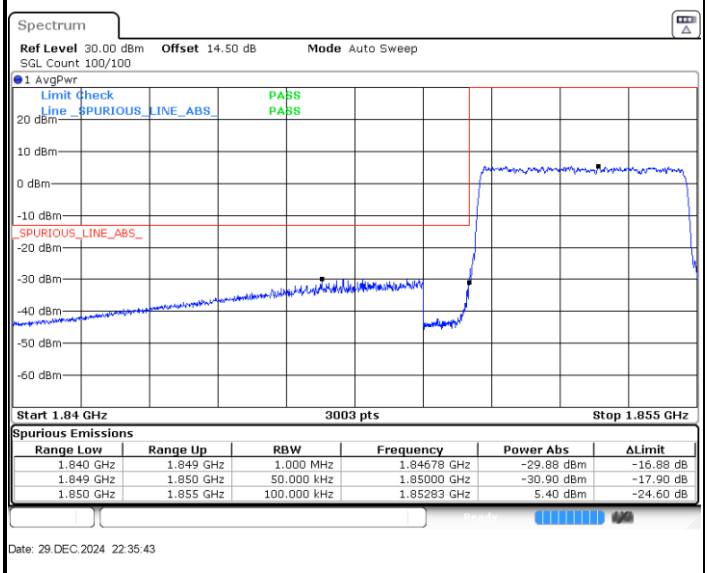
Lowest Band Edge / 1 RB



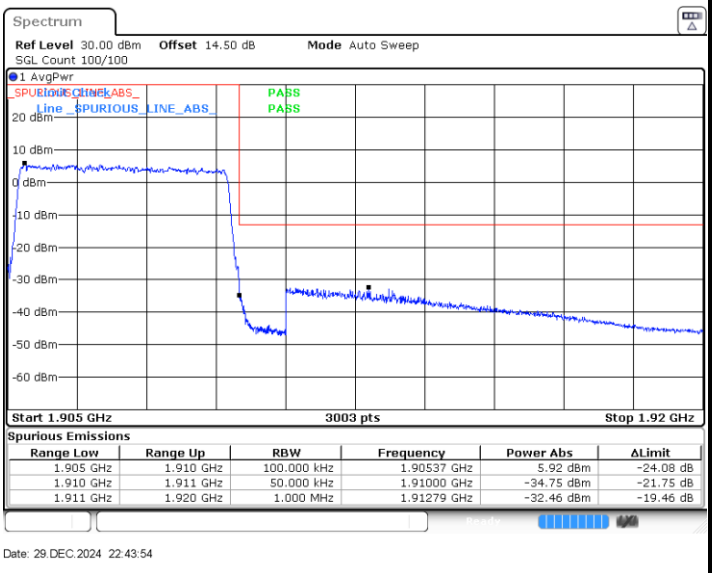
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

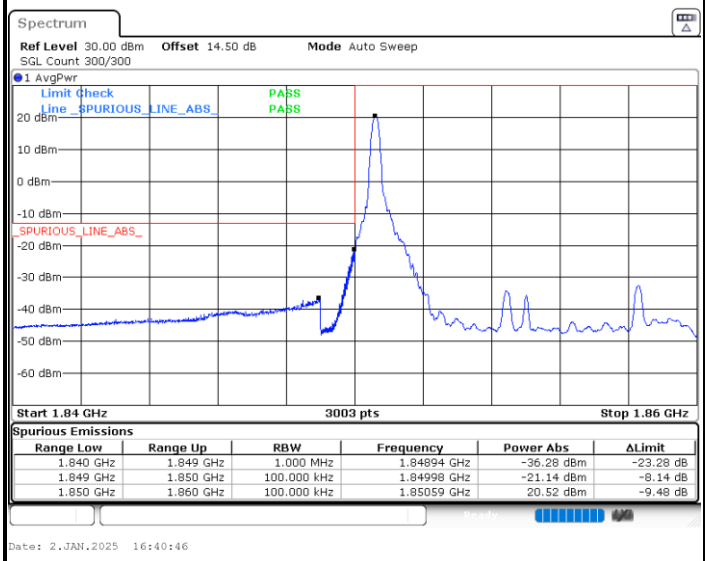


Highest Band Edge / Full RB



LTE Band 2 / 10MHz / QPSK

Lowest Band Edge / 1RB

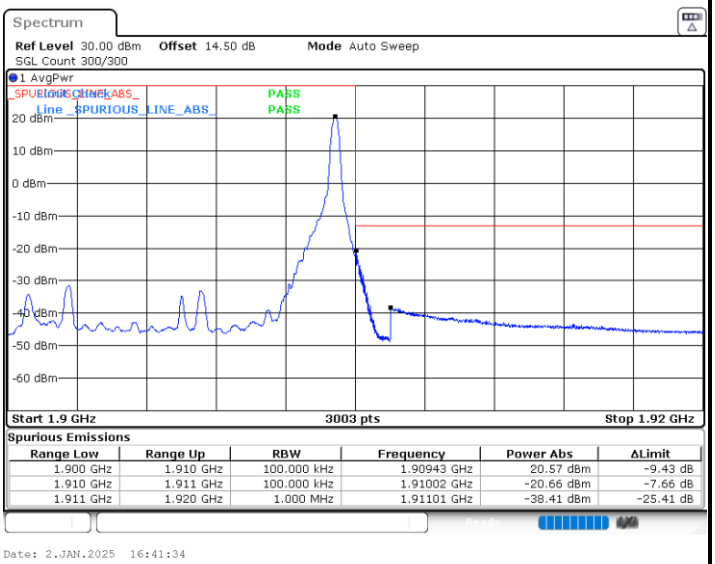


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84894 GHz	-36.28 dBm	-23.28 dB
1.849 GHz	1.850 GHz	100.000 kHz	1.84998 GHz	-21.14 dBm	-8.14 dB
1.850 GHz	1.860 GHz	100.000 kHz	1.85059 GHz	20.52 dBm	-9.48 dB

Date: 2.JAN.2025 16:40:46

Highest Band Edge / 1RB

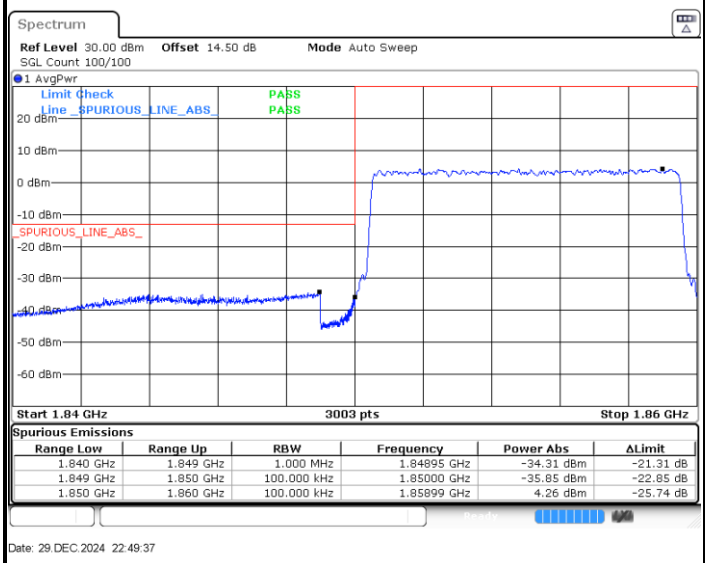


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.900 GHz	1.910 GHz	100.000 kHz	1.90943 GHz	20.57 dBm	-9.43 dB
1.910 GHz	1.911 GHz	100.000 kHz	1.91002 GHz	-20.66 dBm	-7.66 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91101 GHz	-38.41 dBm	-25.41 dB

Date: 2.JAN.2025 16:41:34

Lowest Band Edge / Full RB

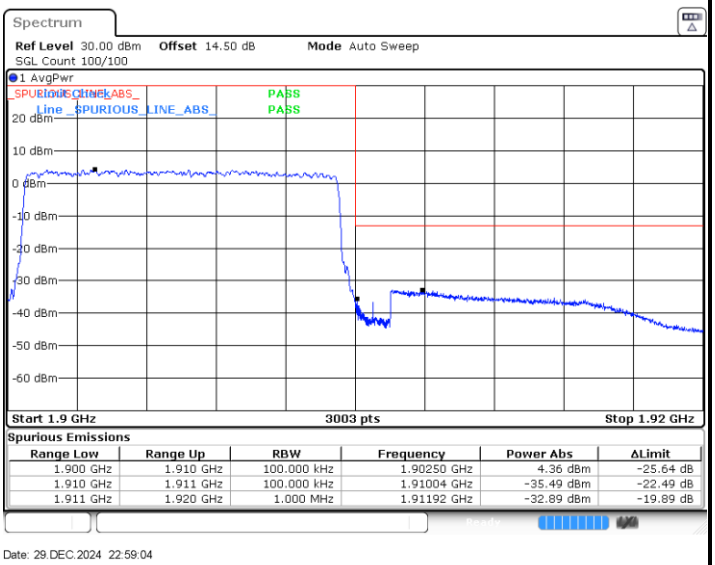


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84895 GHz	-34.31 dBm	-21.31 dB
1.849 GHz	1.850 GHz	100.000 kHz	1.85000 GHz	-35.85 dBm	-22.85 dB
1.850 GHz	1.860 GHz	100.000 kHz	1.85899 GHz	4.26 dBm	-25.74 dB

Date: 29.DEC.2024 22:49:37

Highest Band Edge / Full RB



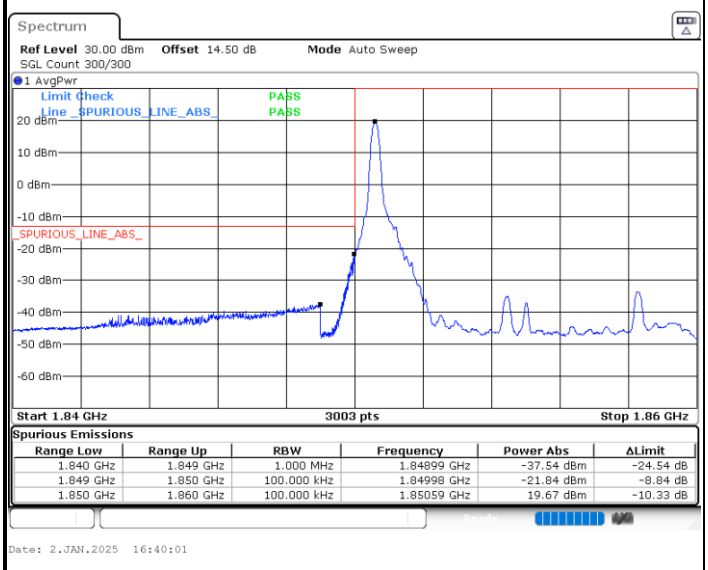
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.900 GHz	1.910 GHz	100.000 kHz	1.90250 GHz	4.36 dBm	-25.64 dB
1.910 GHz	1.911 GHz	100.000 kHz	1.91004 GHz	-35.49 dBm	-22.49 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91192 GHz	-32.89 dBm	-19.89 dB

Date: 29.DEC.2024 22:59:04

LTE Band 2 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

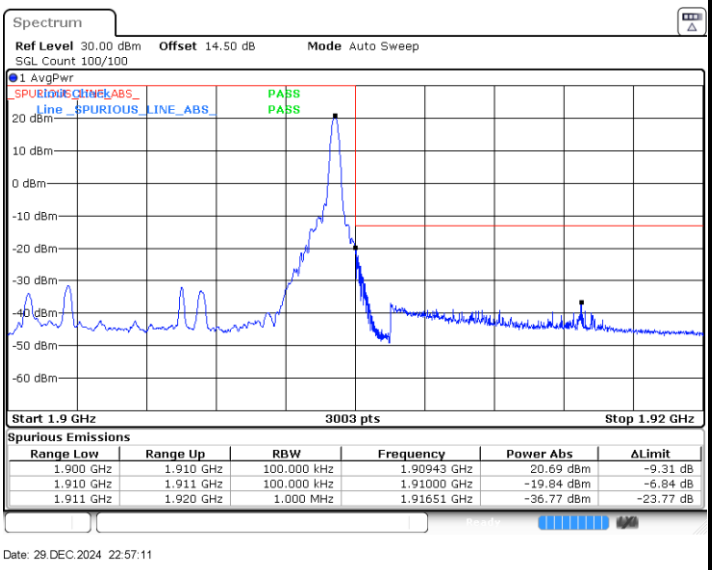


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84899 GHz	-37.54 dBm	-24.54 dB
1.849 GHz	1.850 GHz	100.000 kHz	1.84998 GHz	-21.84 dBm	-8.84 dB
1.850 GHz	1.860 GHz	100.000 kHz	1.85059 GHz	19.67 dBm	-10.33 dB

Date: 2.JAN.2025 16:40:01

Highest Band Edge / 1 RB

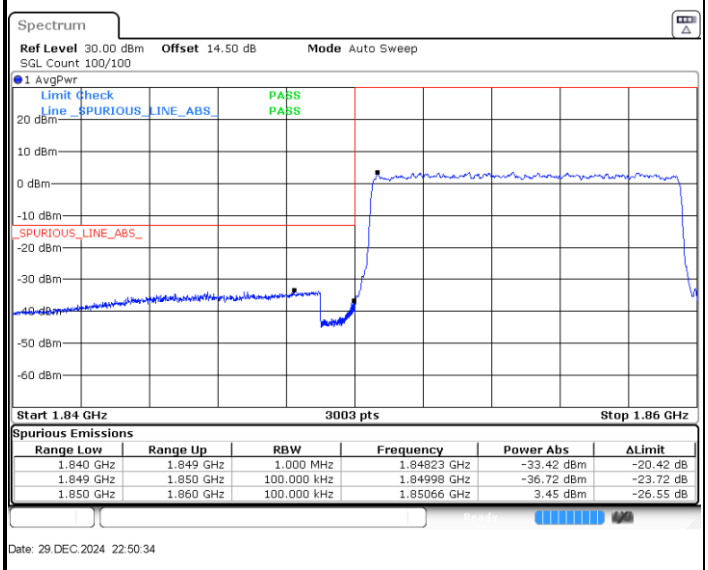


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.900 GHz	1.910 GHz	100.000 kHz	1.90943 GHz	20.69 dBm	-9.31 dB
1.910 GHz	1.911 GHz	100.000 kHz	1.91000 GHz	-19.84 dBm	-6.84 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91651 GHz	-36.77 dBm	-23.77 dB

Date: 29.DEC.2024 22:57:11

Lowest Band Edge / Full RB

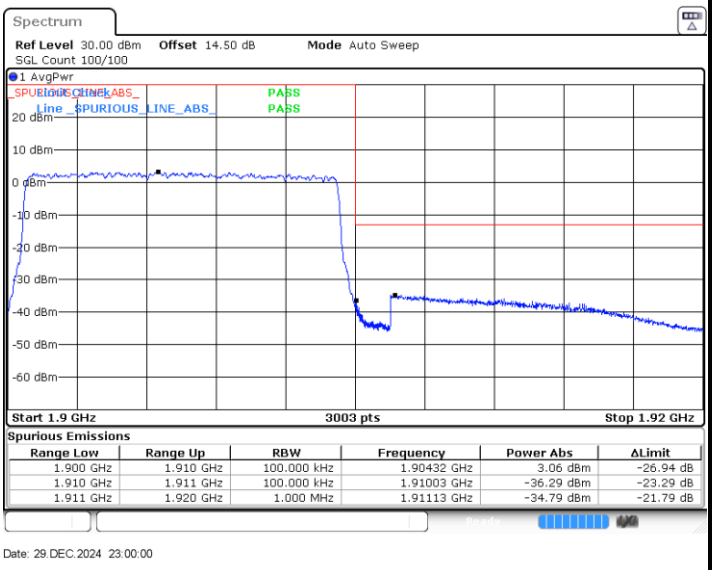


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84823 GHz	-33.42 dBm	-20.42 dB
1.849 GHz	1.850 GHz	100.000 kHz	1.84998 GHz	-36.72 dBm	-23.72 dB
1.850 GHz	1.860 GHz	100.000 kHz	1.85066 GHz	3.45 dBm	-26.55 dB

Date: 29.DEC.2024 22:50:34

Highest Band Edge / Full RB



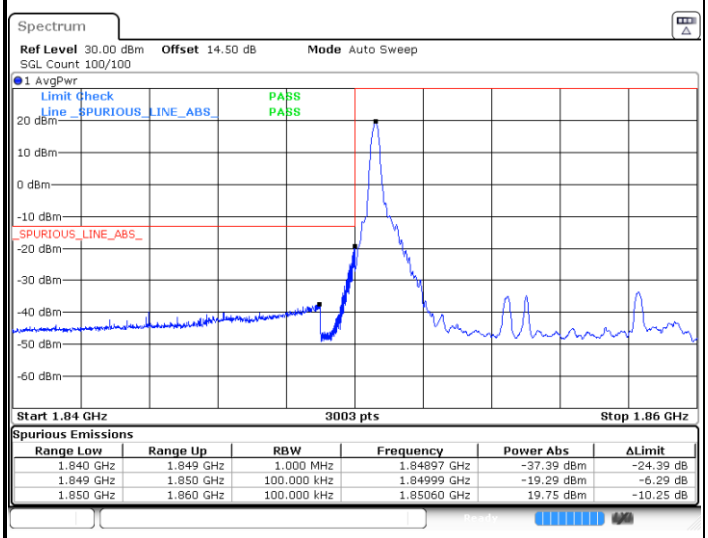
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.900 GHz	1.910 GHz	100.000 kHz	1.90432 GHz	3.06 dBm	-26.94 dB
1.910 GHz	1.911 GHz	100.000 kHz	1.91003 GHz	-36.29 dBm	-23.29 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91113 GHz	-34.79 dBm	-21.79 dB

Date: 29.DEC.2024 23:00:00

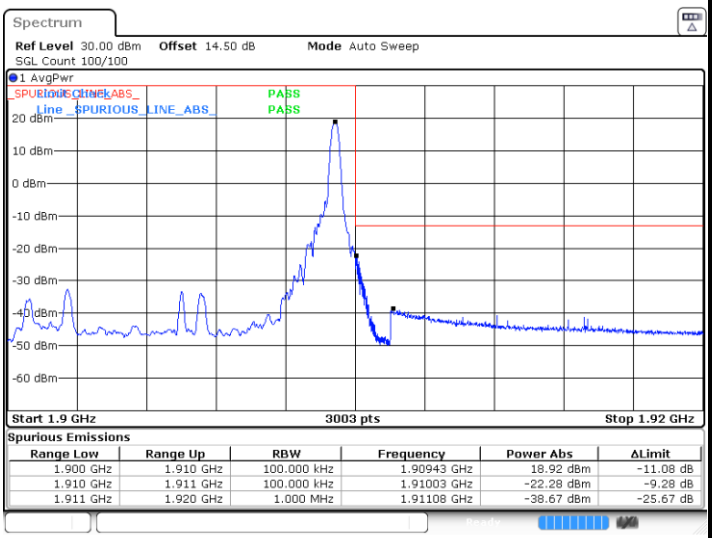
LTE Band 2 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



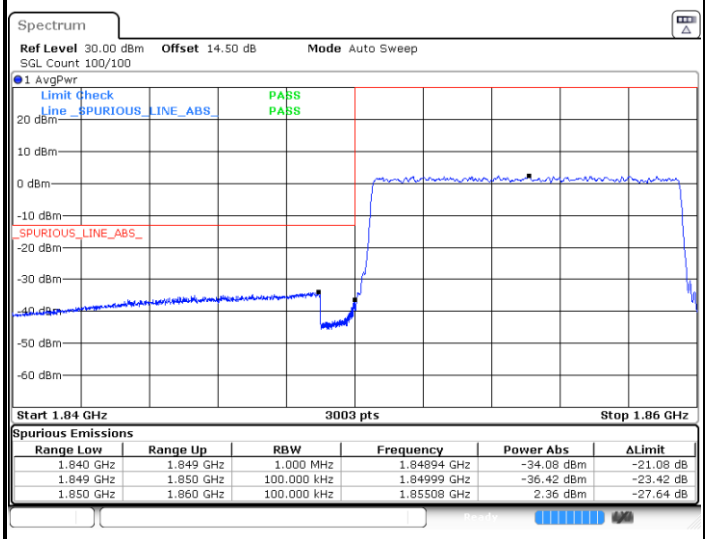
Date: 29.DEC.2024 22:48:41

Highest Band Edge / 1 RB



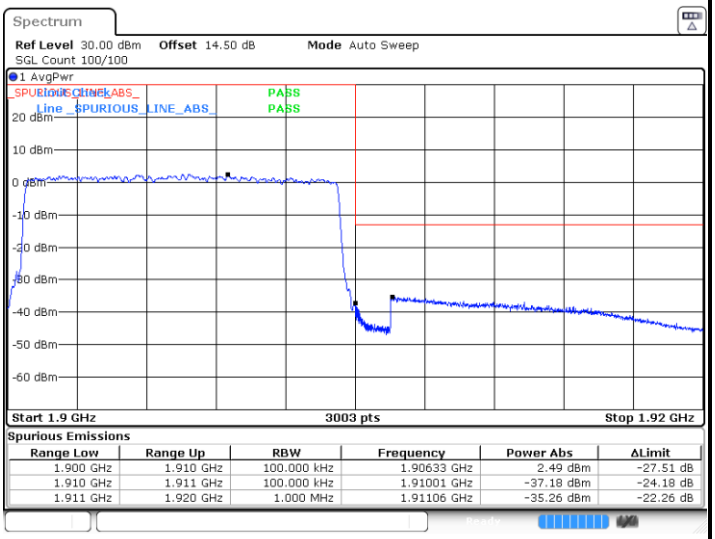
Date: 29.DEC.2024 22:58:07

Lowest Band Edge / Full RB



Date: 29.DEC.2024 22:51:30

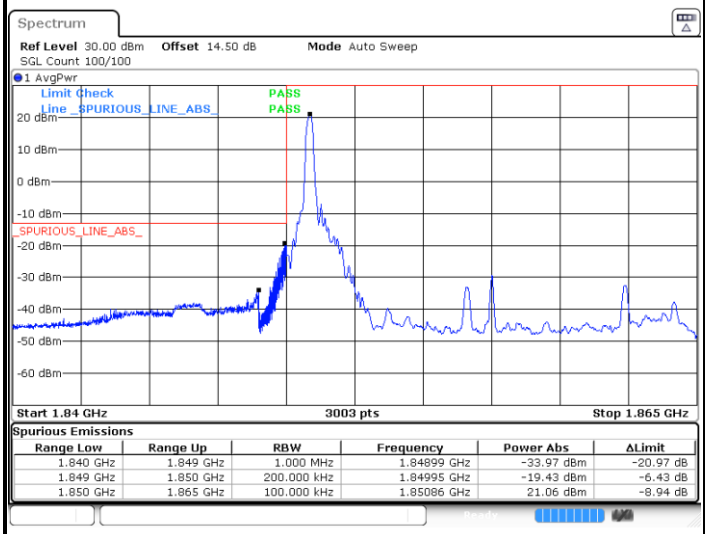
Highest Band Edge / Full RB



Date: 29.DEC.2024 23:00:56

LTE Band 2 / 15MHz / QPSK

Lowest Band Edge / 1RB

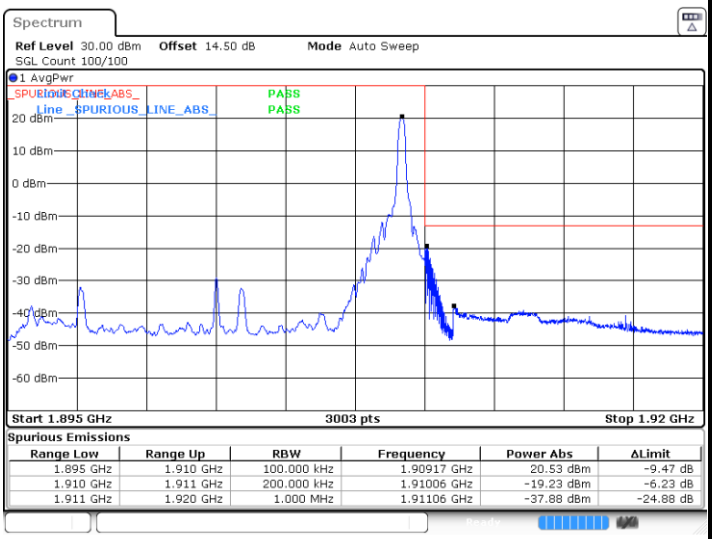


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84899 GHz	-33.97 dBm	-20.97 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84995 GHz	-19.43 dBm	-6.43 dB
1.850 GHz	1.865 GHz	100.000 kHz	1.85086 GHz	21.06 dBm	-8.94 dB

Date: 29.DEC.2024 23:04:16

Highest Band Edge / 1RB

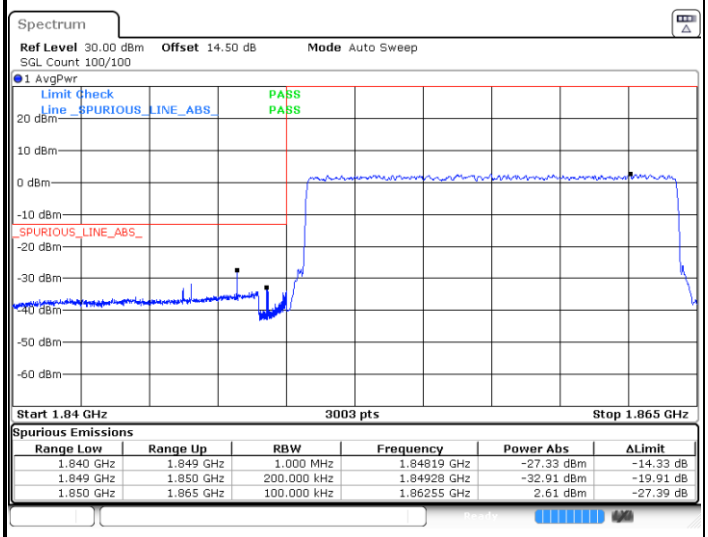


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.895 GHz	1.910 GHz	100.000 kHz	1.90917 GHz	20.53 dBm	-9.47 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91006 GHz	-19.23 dBm	-6.23 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91106 GHz	-37.88 dBm	-24.88 dB

Date: 29.DEC.2024 23:13:43

Lowest Band Edge / Full RB

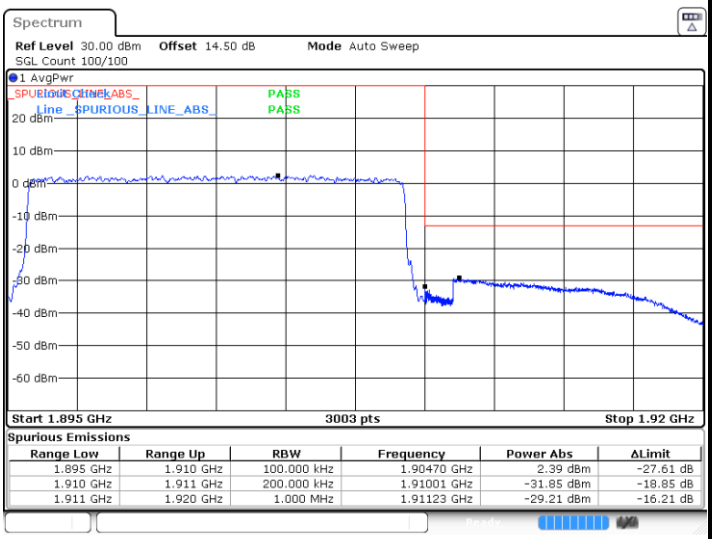


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84819 GHz	-27.33 dBm	-14.33 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84928 GHz	-32.91 dBm	-19.91 dB
1.850 GHz	1.865 GHz	100.000 kHz	1.86255 GHz	2.61 dBm	-27.39 dB

Date: 29.DEC.2024 23:07:05

Highest Band Edge / Full RB



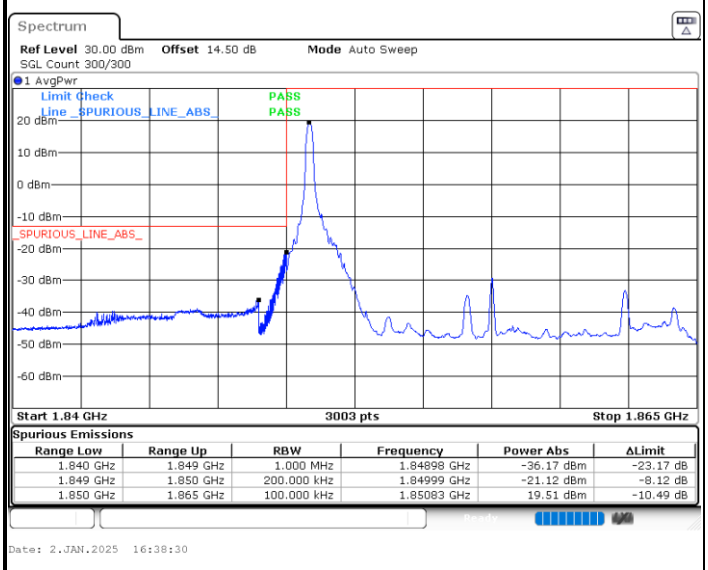
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.895 GHz	1.910 GHz	100.000 kHz	1.90470 GHz	2.39 dBm	-27.61 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91001 GHz	-31.85 dBm	-18.85 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91123 GHz	-29.21 dBm	-16.21 dB

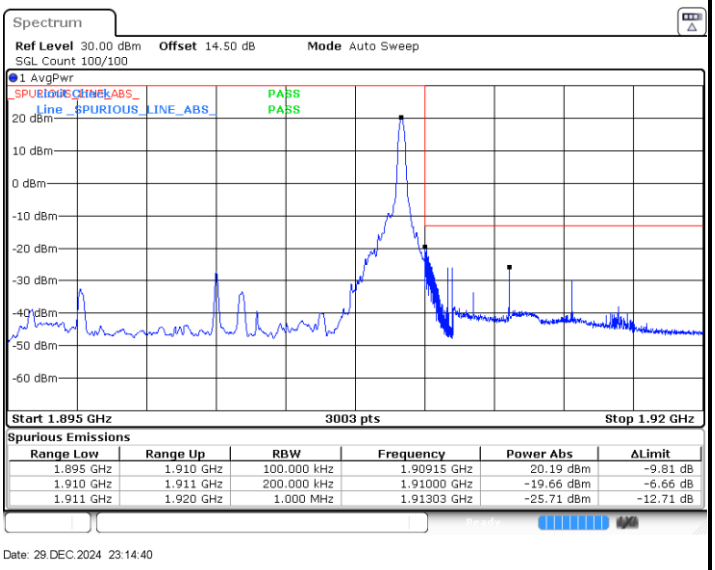
Date: 29.DEC.2024 23:16:33

LTE Band 2 / 15MHz / 16QAM

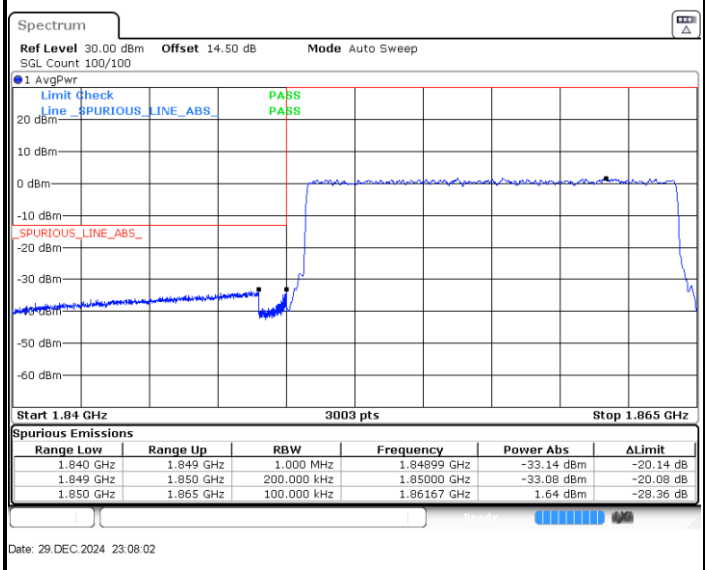
Lowest Band Edge / 1 RB



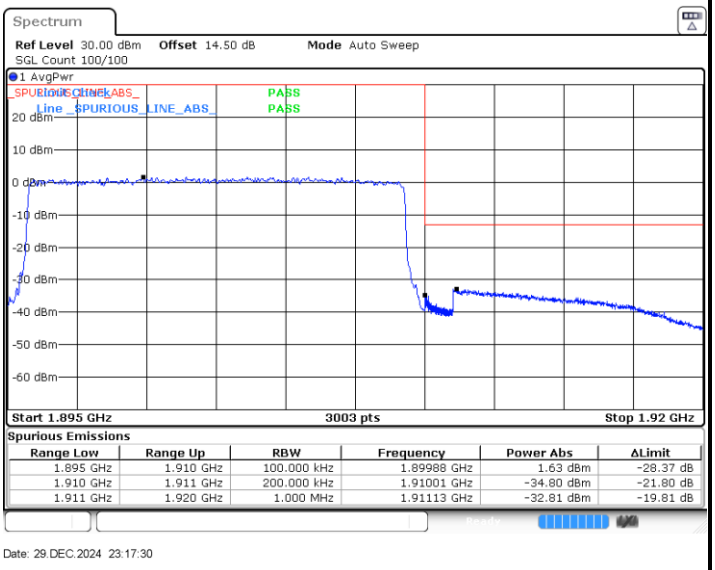
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

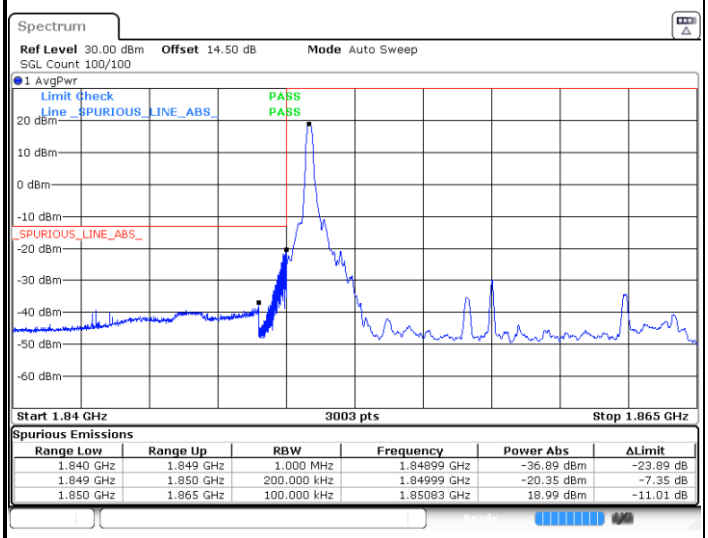


Highest Band Edge / Full RB



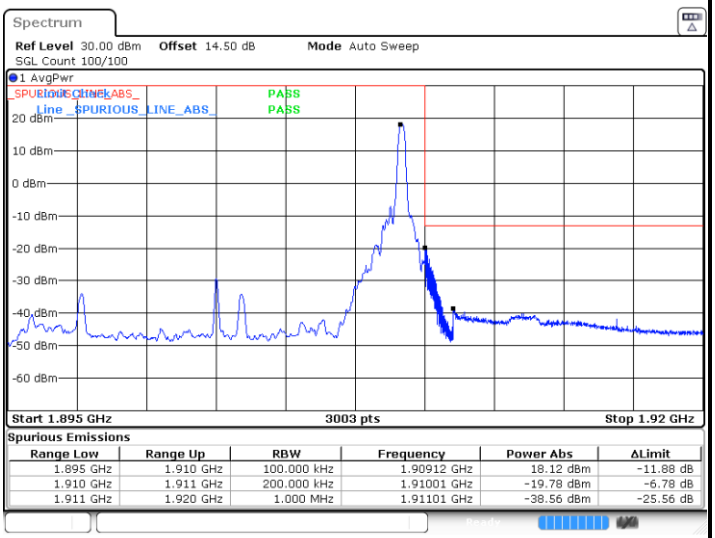
LTE Band 2 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



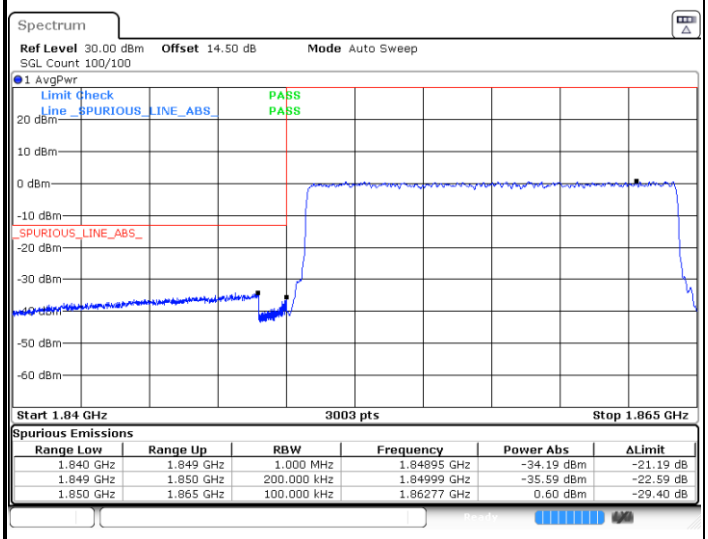
Date: 29.DEC.2024 23:06:08

Highest Band Edge / 1 RB



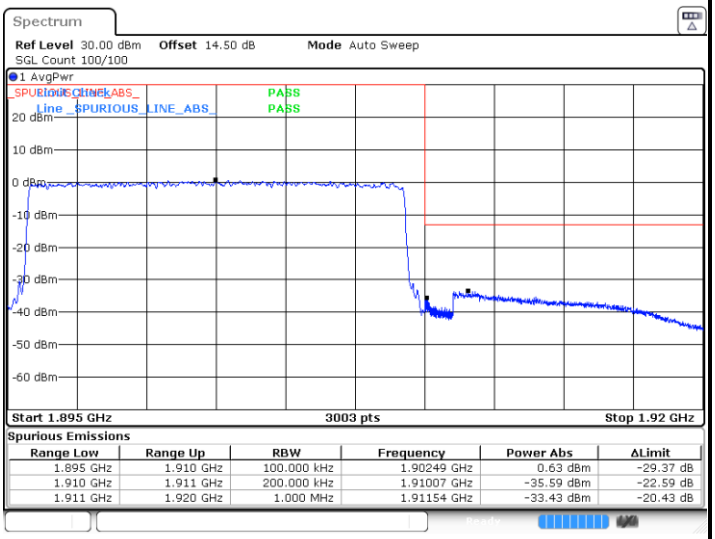
Date: 29.DEC.2024 23:15:36

Lowest Band Edge / Full RB



Date: 29.DEC.2024 23:08:59

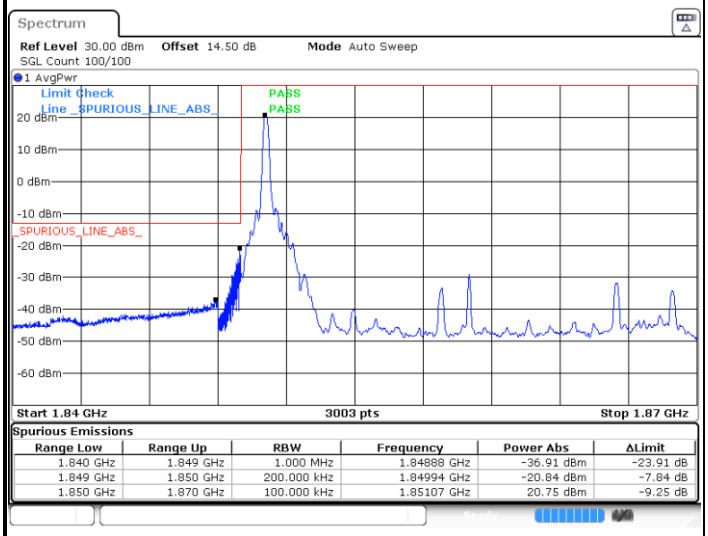
Highest Band Edge / Full RB



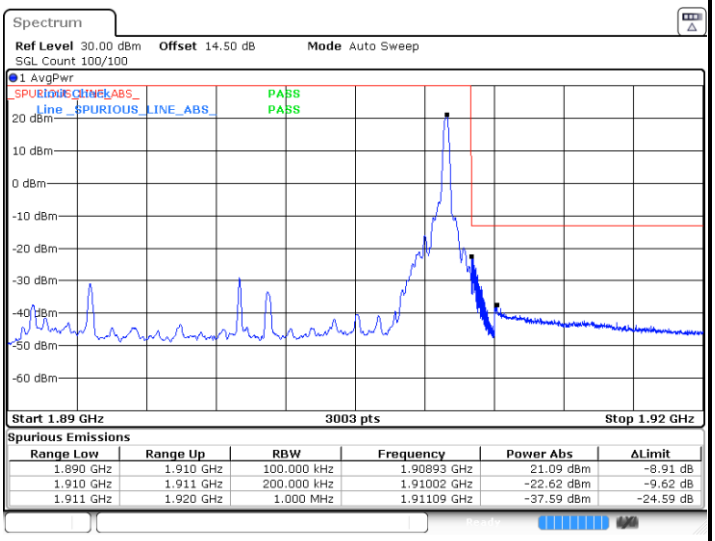
Date: 29.DEC.2024 23:18:26

LTE Band 2 / 20MHz / QPSK

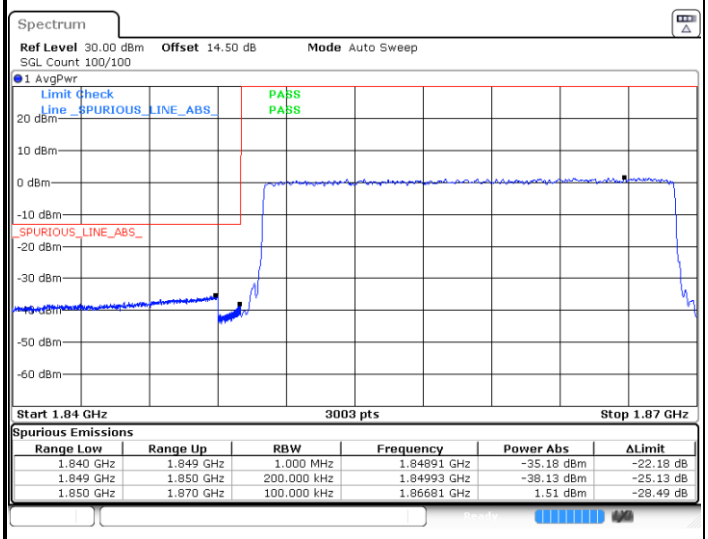
Lowest Band Edge / 1RB



Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB