



FCC RF Test Report

APPLICANT : vivo Mobile Communication Co., Ltd.
EQUIPMENT : Mobile Phone
BRAND NAME : vivo
MODEL NAME : V2556
FCC ID : 2AUCY-V2556
STANDARD : 47 CFR Part 22(H), 24(E), 27(L), 27(F), 27(M)
CLASSIFICATION : PCS Licensed Transmitter Held to Ear (PCE)
TEST DATE(S) : Dec. 12, 2025 ~ Dec. 28, 2025

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

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

Fly Liang

Approved by: Fly Liang



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People's Republic of China



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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG5N1423B	Rev. 01	Initial issue of report	Jan. 07, 2026



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)	Effective Radiated Power (Band 13)	ERP < 3 Watt		-
	§24.232(c) §27.50(h)(2)	Equivalent Isotropic Radiated Power (Band 2) (Band 7) (Band 38) (Band 41)	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(h)	Conducted Band Edge Measurement (Band 2) (Band 4) (Band 5) (Band 13) (Band 26) (Band 66)	< 43+10log ₁₀ (P[Watts])	PASS	-
	§27.53(m)(4)	Conducted Band Edge Measurement (Band 7) (Band 38) (Band 41)	§27.53(m)(4)		
3.8	§2.1051 §22.917(a) §24.238(a) §27.53(c)(2) §27.53(h)	Conducted Spurious Emission (Band 2) (Band 4) (Band 5) (Band 13) (Band 26) (Band 66)	< 43+10log ₁₀ (P[Watts])	PASS	-
	§2.1051 §27.53(m)(4)	Conducted Spurious Emission (Band 7) (Band 38) (Band 41)	< 55+10log ₁₀ (P[Watts])		
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(h)	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 13) (Band 26) (Band 66)	< 43+10log ₁₀ (P[Watts])	PASS	Under limit 13.89 dB at 1559.50 MHz
	§2.1053 §27.53(m)(4)	Radiated Spurious Emission (Band 7) (Band 38) (Band 41)	< 55+10log ₁₀ (P[Watts])		

Conformity Assessment Condition:

- 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.
- 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

vivo Mobile Communication Co., Ltd.

No.1, vivo Road, Chang'an, Dongguan, Guangdong, China

1.2 Manufacturer

vivo Mobile Communication Co., Ltd.

No.1, vivo Road, Chang'an, Dongguan, Guangdong, China

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Phone
Brand Name	vivo
Model Name	V2556
FCC ID	2AUCY-V2556
IMEI Code	Conducted: 861838082001703/861838082001711 Radiation: 861838082001729/861838082001737
HW Version	MP_0.1
SW Version	PD2541HF_EX_A_16.0.3.2.W30
EUT Stage	Production Unit

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.



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 7 : 2500 MHz ~ 2570 MHz LTE Band 13 : 777 MHz ~ 787 MHz LTE Band 26 : 824 MHz ~ 849 MHz LTE Band 38 : 2570 MHz ~ 2620 MHz LTE Band 41 : 2496 MHz ~ 2690 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 7 : 2620 MHz ~ 2690 MHz LTE Band 13 : 746 MHz ~ 756 MHz LTE Band 26 : 869 MHz ~ 894 MHz LTE Band 38 : 2570 MHz ~ 2620 MHz LTE Band 41 : 2496 MHz ~ 2690 MHz LTE Band 66 : 2110 MHz ~ 2180 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 7 : 5MHz / 10MHz / 15MHz / 20MHz LTE Band 13 : 5MHz / 10MHz LTE Band 26 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz LTE Band 38 : 5MHz / 10MHz / 15MHz / 20MHz LTE Band 41 : 5MHz / 10MHz / 15MHz / 20MHz LTE Band 66 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz
Maximum Output Power to Antenna	<ANT13> LTE Band 2 : 24.25 dBm LTE Band 4 : 24.12 dBm LTE Band 5 : 24.37 dBm LTE Band 7 : 23.84 dBm LTE Band 13 : 24.37 dBm LTE Band 26 : 24.38 dBm LTE Band 38 : 24.47 dBm LTE Band 41 : 24.57 dBm LTE Band 66 : 24.14 dBm <ANT31> LTE Band 2 : 24.34 dBm LTE Band 4 : 24.44 dBm LTE Band 5 : 23.77 dBm LTE Band 7 : 23.97 dBm LTE Band 13 : 23.66 dBm LTE Band 26 : 23.82 dBm LTE Band 38 : 24.59 dBm LTE Band 41 : 24.64 dBm LTE Band 66 : 24.55 dBm
Antenna Gain	<ANT13> LTE Band 2 : -2.32 dBi LTE Band 4 : -1.68 dBi

	LTE Band 5 : -5.31 dBi LTE Band 7 : 0.68 dBi LTE Band 13 : -7.97 dBi LTE Band 26 : -5.31 dBi LTE Band 38 : 0.51 dBi LTE Band 41 : 0.68 dBi LTE Band 66 : -1.68 dBi <ANT31> LTE Band 2 : -1.51 dBi LTE Band 4 : -3.84 dBi LTE Band 5 : -7.15 dBi LTE Band 7 : -1.48 dBi LTE Band 13 : -10.45 dBi LTE Band 26 : -7.15 dBi LTE Band 38 : -1.58 dBi LTE Band 41 : -1.47 dBi LTE Band 66 : -3.84 dBi
Type of Modulation	QPSK / 16QAM / 64QAM

Note: The maximum ERP/EIRP is calculated from max output power and max antenna gain, so only the maximum ERP/EIRP of Antenna 13 for LTE Band4/5/7/13/26/38/41/66, Antenna 31 for LTE Band 2 is shown in the report.

1.5 Modification of EUT

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

1.6 Maximum ERP/EIRP Power and Emission Designator

LTE Band 2		QPSK		16QAM/64QAM	
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	0.1910	1M09G7D	0.1633	1M09W7D
3	1851.5 ~ 1908.5	0.1910	2M76G7D	0.1871	2M72W7D
5	1852.5 ~ 1907.5	0.1910	4M49G7D	0.1832	4M52W7D
10	1855.0 ~ 1905.0	0.1901	9M07G7D	0.1828	9M03W7D
15	1857.5 ~ 1902.5	0.1888	13M5G7D	0.1837	13M5W7D
20	1860.0 ~ 1900.0	0.1919	17M9G7D	0.1875	17M9W7D



LTE Band 4		QPSK		16QAM/64QAM	
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	0.1722	1M09G7D	0.1675	1M09W7D
3	1711.5 ~ 1753.5	0.1742	2M74G7D	0.1687	2M73W7D
5	1712.5 ~ 1752.5	0.1750	4M51G7D	0.1660	4M48W7D
10	1715.0 ~ 1750.0	0.1750	9M07G7D	0.1679	9M09W7D
15	1717.5 ~ 1747.5	0.1714	13M5G7D	0.1694	13M4W7D
20	1720.0 ~ 1745.0	0.1754	17M9G7D	0.1698	17M9W7D
LTE Band 5		QPSK		16QAM/64QAM	
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	0.0490	1M10G7D	0.0437	1M09W7D
3	825.5 ~ 847.5	0.0488	2M73G7D	0.0476	2M72W7D
5	826.5 ~ 846.5	0.0483	4M49G7D	0.0466	4M48W7D
10	829.0 ~ 844.0	0.0491	9M09G7D	0.0479	9M05W7D
LTE Band 7		QPSK		16QAM/64QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	2502.5 ~ 2567.5	0.2773	4M49G7D	0.2489	4M51W7D
10	2505.0 ~ 2565.0	0.2767	9M03G7D	0.2472	9M01W7D
15	2507.5 ~ 2562.5	0.2786	13M6G7D	0.2455	13M5W7D
20	2510.0 ~ 2560.0	0.2831	17M9G7D	0.2529	18M0W7D
LTE Band 13		QPSK		16QAM/64QAM	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
5	779.5 ~ 784.5	0.0263	4M51G7D	0.0260	4M50W7D
10	782.0	0.0266	9M09G7D	0.0261	9M03W7D



LTE Band 26		QPSK		16QAM/64QAM	
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	0.0484	1M10G7D	0.0422	1M09W7D
3	825.5 ~ 847.5	0.0490	2M73G7D	0.0475	2M72W7D
5	826.5 ~ 846.5	0.0488	4M49G7D	0.0470	4M48W7D
10	829.0 ~ 844.0	0.0486	9M09G7D	0.0475	9M05W7D
15	831.5 ~ 841.5	0.0492	13M5G7D	0.0479	13M6W7D
CH26790	824.0	0.0485	13M5G7D	0.0478	13M5W7D
LTE Band 38		QPSK		16QAM/64QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	2572.5 ~ 2617.5	0.3126	4M48G7D	0.3020	4M47W7D
10	2575.0 ~ 2615.0	0.3083	8M99G7D	0.2985	9M01W7D
15	2577.5 ~ 2612.5	0.3119	13M4G7D	0.2999	13M4W7D
20	2580.0 ~ 2610.0	0.3148	17M8G7D	0.3034	17M9W7D
LTE Band 41		QPSK		16QAM/64QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	2498.5 ~ 2687.5	0.3342	4M48G7D	0.3105	4M47W7D
10	2501.0 ~ 2685.0	0.3289	8M99G7D	0.3076	9M01W7D
15	2503.5 ~ 2682.5	0.3342	13M4G7D	0.3097	13M4W7D
20	2506.0 ~ 2680.0	0.3350	17M8G7D	0.3155	17M9W7D
LTE Band 66		QPSK		16QAM/64QAM	
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	0.1746	1M09G7D	0.1687	1M09W7D
3	1711.5 ~ 1778.5	0.1722	2M74G7D	0.1687	2M73W7D
5	1712.5 ~ 1777.5	0.1706	4M51G7D	0.1679	4M48W7D
10	1715.0 ~ 1775.0	0.1722	9M07G7D	0.1698	9M09W7D
15	1717.5 ~ 1772.5	0.1726	13M5G7D	0.1690	13M4W7D
20	1720.0 ~ 1770.0	0.1762	17M9G7D	0.1702	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 5 and the portion of Band 26 subject to Part 22.
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 41 overlaps the entire frequency range of LTE Band 38. Therefore, the test results provided in this report covers Band 41 as well as Band 38.
4. All modulations have been tested, and only the worst test results of PSK & QAM are shown in the report.

1.7 Testing Location

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

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

1.8 Test Software

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

1.9 Applicable Standards

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

- ♦ 47 CFR Part 22(H), 24(E), 27(L), 27(F), 27(M)
- ♦ ANSI C63.26-2015
- ♦ FCC KDB 971168 D01 Power Meas License Digital Systems v03r01
FCC KDB 412172 D01 Determining ERP and EIRP v01r01

Remark:

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



2 Test Configuration of Equipment Under Test

2.1 Test Mode

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

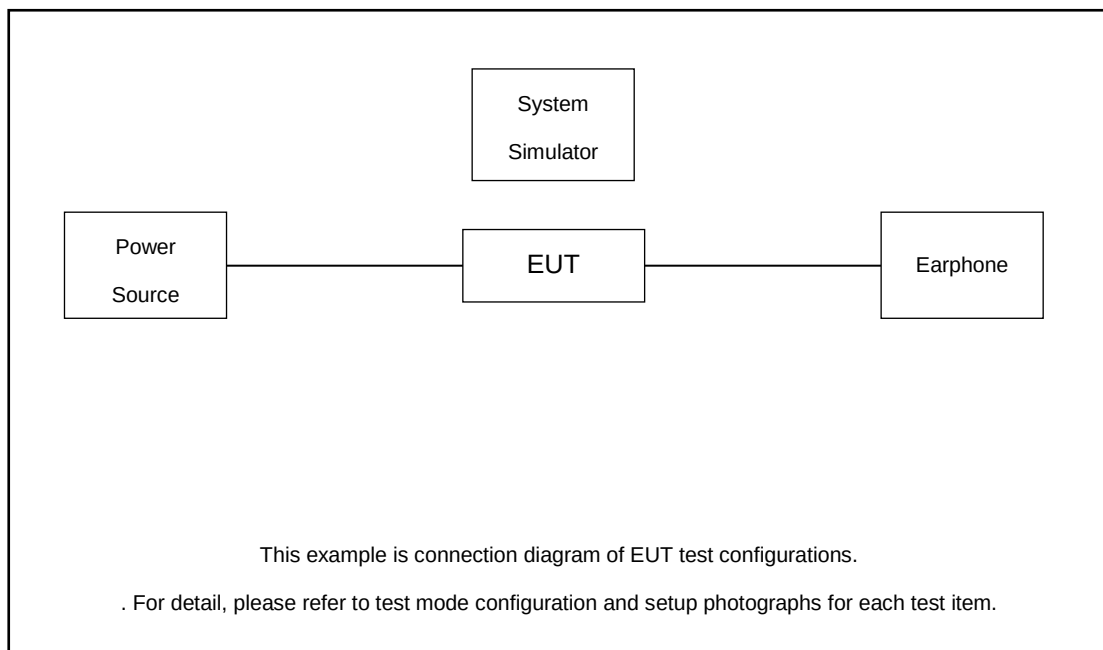
Radiated measurements are performed by rotating the EUT in three different orthogonal test planes to find the maximum emission. (Z Plane)

Test Items	Band	Bandwidth (MHz)						Modulation			RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	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
	4	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
	7	-	-	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
	26	v	v	v	v	v	-	v	v	v	v	v	v	v	v	v
	38	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v
	41	-	-	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
Peak-to-Average Ratio	2						v	v	v	v			v		v	
	7	-	-				v	v	v	v			v		v	
	13	-	-		v	-	-	v	v	v			v		v	
	26				v		-	v	v	v			v		v	
	41	-	-				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	
	7	-	-	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	
	41	-	-	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
	7	-	-	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
	41	-	-	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
	7	-	-	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
	41	-	-	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	
	7	-	-		v			v					v		v	
	13	-	-		v	-	-	v					v		v	
	26				v		-	v					v		v	
	41	-	-		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	v
	4	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
	7	-	-	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
	26	v	v	v	v	v	-	v	v	v	v	v	v	v	v	v
	38	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v
	41	-	-	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
Radiated Spurious Emission	2	Worst Case													v	
	7	Worst Case													v	
	13	Worst Case													v	
	26	Worst Case													v	
	41	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.															

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

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

2.4 Measurement Results Explanation Example

For all conducted test items:

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

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

Offset = RF cable loss + attenuator factor.

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

Example :

$$\begin{aligned}
 \text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)}. \\
 &= 4.5 + 10 = 14.5 \text{ (dB)}
 \end{aligned}$$



2.5 Frequency List of Low/Middle/High Channels

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

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



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

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

LTE Band 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 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 38 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	37850	38000	38150
	Frequency	2580	2595	2610
15	Channel	37825	38000	38175
	Frequency	2577.5	2595	2612.5
10	Channel	37800	38000	38200
	Frequency	2575	2595	2615
5	Channel	37775	38000	38225
	Frequency	2572.5	2595	2617.5

LTE Band 41 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	39750	40620	41490
	Frequency	2506	2593	2680
15	Channel	39725	40620	41515
	Frequency	2503.5	2593	2682.5
10	Channel	39700	40620	41540
	Frequency	2501	2593	2685
5	Channel	39675	40620	41565
	Frequency	2498.5	2593	2687.5



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

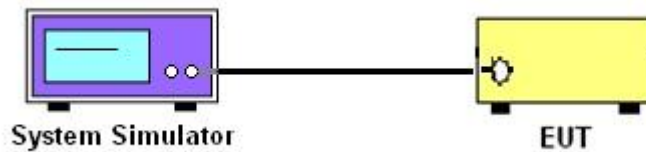
3 Conducted Test Items

3.1 Measuring Instruments

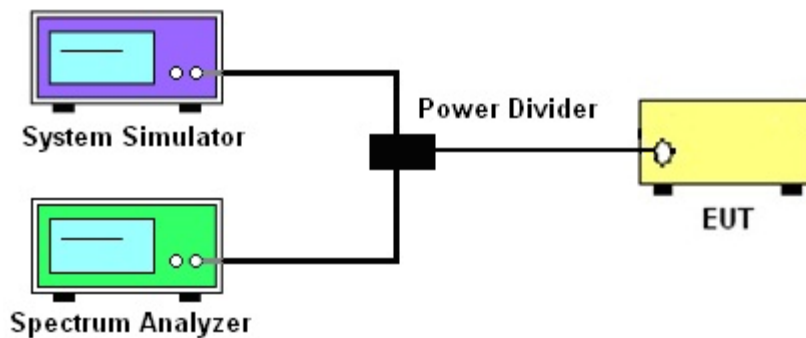
See list of measuring instruments of this test report.

3.2 Test Setup

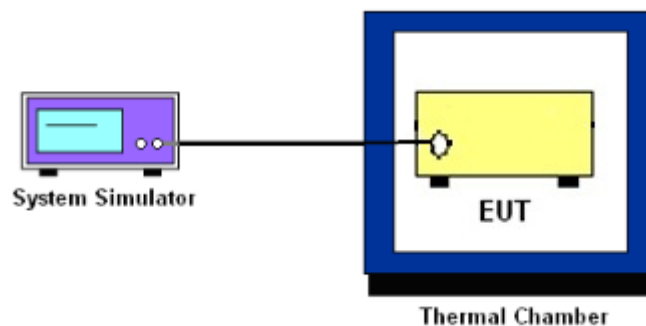
3.2.1 Conducted Output Power



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 13.

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

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

24.238 (a)

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

27.53 (c)

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

27.53 (h)

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

27.53(m)(4)

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

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 $\geq 1\%$ EBW in the 1MHz band immediately outside and adjacent to the band edge.
4. Beyond the 1 MHz band from the band edge, RBW=1MHz was used or a narrower RBW was used and the measured power was integrated over the full required measurement bandwidth of 1 MHz.
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 $43 + 10\log(P)$ dB below the transmitter power P(Watts)

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

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

8. For LTE Band 7, 38, 41, the other 40 dB, and 55 dB have additionally applied same calculation above.
9. When using the integration method, the starting frequency of the integration shall be centered at one-half of the RBW away from the band edge.

3.8 Conducted Spurious Emission

3.8.1 Description of Conducted Spurious Emission Measurement

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

For Band 7,38,41:

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

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

3.8.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.
The path loss was compensated to the results for each measurement.
4. The middle channel for the highest RF power within the transmitting frequency was measured.
5. The conducted spurious emission for the whole frequency range was taken.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
7. Set spectrum analyzer with RMS detector.
8. Taking the record of maximum spurious emission.
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
10. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [43 + 10\log(P)]$ (dB)
 $= [30 + 10\log(P)]$ (dBm) - $[43 + 10\log(P)]$ (dB)
 $= -13$ dBm.
11. For Band 7, 38, 41
The limit line is derived from $55 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [55 + 10\log(P)]$ (dB)
 $= [30 + 10\log(P)]$ (dBm) - $[55 + 10\log(P)]$ (dB)
 $= -25$ dBm.

3.9 Frequency Stability

3.9.1 Description of Frequency Stability Measurement

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

3.9.2 Test Procedures for Temperature Variation

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

3.9.3 Test Procedures for Voltage Variation

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

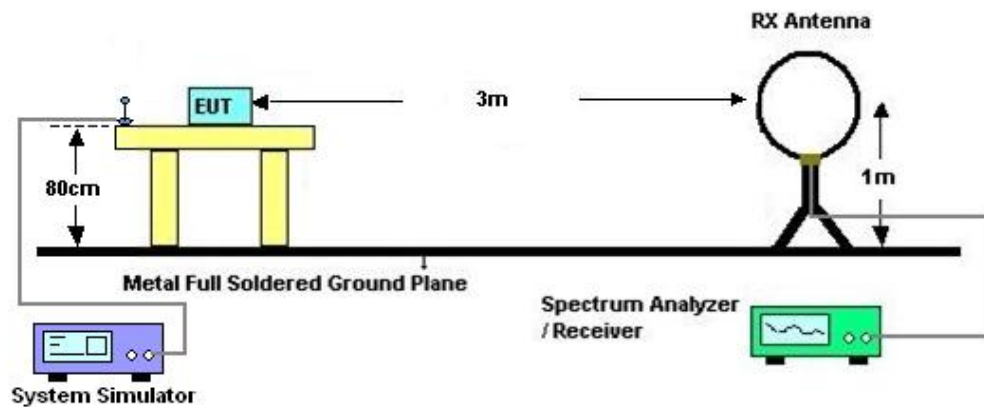
4 Radiated Test Items

4.1 Measuring Instruments

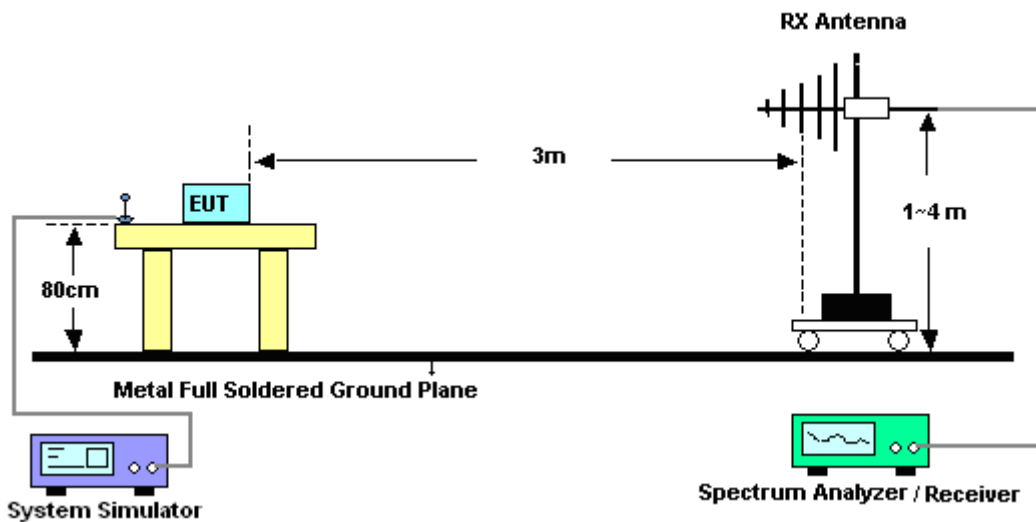
See list of measuring instruments of this test report.

4.2 Test Setup

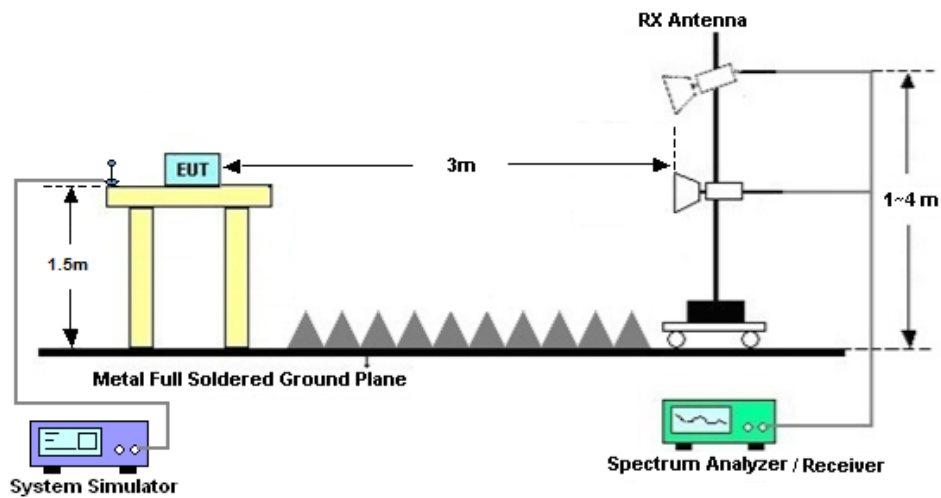
4.2.1 For radiated test below 30MHz



4.2.2 For radiated test from 30MHz to 1GHz



4.2.3 For radiated test above 1GHz



4.3 Test Result of Radiated Test

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

Please refer to Appendix B.

4.4 Radiated Spurious Emission

4.4.1 Description of Radiated Spurious Emission

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

For Band 7, 38, 41

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

For LTE Band 13

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

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

4.4.2 Test Procedures

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

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

13. For Band 7, 38, 41:

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



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. 02, 2025	Dec. 12, 2025~ Dec. 28, 2025	Apr. 01, 2026	Conducted (TH01-SZ)
DC Power Supply	TTI	PL330P	290070	Max 32V, 3A	Oct. 13, 2025	Dec. 12, 2025~ Dec. 28, 2025	Oct. 12, 2026	Conducted (TH01-SZ)
Power Divider	Titan	P02N005180	923402	0.4GHz~26.5GHz	Nov. 07, 2025	Dec. 12, 2025~ Dec. 28, 2025	Nov. 06, 2026	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H2014081803	-40~+150°C	Jul. 02, 2025	Dec. 12, 2025~ Dec. 28, 2025	Jul. 01, 2026	Conducted (TH01-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 03, 2025	Dec. 17, 2025	Jul. 02, 2026	Radiation (03CH02-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 28, 2024	Dec. 17, 2025	Dec. 27, 2025	Radiation (03CH02-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz-2GHz	Oct. 24, 2025	Dec. 17, 2025	Oct. 23, 2027	Radiation (03CH02-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 04, 2025	Dec. 17, 2025	Jul. 04, 2026	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 03, 2025	Dec. 17, 2025	Jul. 03, 2026	Radiation (03CH02-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 03, 2025	Dec. 17, 2025	Apr. 02, 2027	Radiation (03CH02-SZ)
LF Amplifier	EM Electronics	EM330	060788	20MHz-3GHz	Dec. 25, 2024	Dec. 17, 2025	Dec. 24, 2025	Radiation (03CH02-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5Ghz	Oct. 14, 2025	Dec. 17, 2025	Oct. 13, 2026	Radiation (03CH02-SZ)
AC Power Source	Chroma	61601	616010003043	N/A	Oct. 18, 2025	Dec. 17, 2025	Oct. 17, 2026	Radiation (03CH02-SZ)
Turn Table	Chaintek	T-200	N/A	0~360 degree	NCR	Dec. 17, 2025	NCR	Radiation (03CH02-SZ)
Antenna Mast	Chaintek	MBS-400	N/A	1 m~4 m	NCR	Dec. 17, 2025	NCR	Radiation (03CH02-SZ)

NCR: No Calibration Required

6 Measurement Uncertainty

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

Uncertainty of Conducted Measurement

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

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.47 dB
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Uncertainty of Radiated Emission Measurement (1GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.31 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

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



Appendix A. Test Results of Conducted Test

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

Conducted Output Power(Average power) and ERP/EIRP

LTE Band 2_ANT31:

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	24.33	24.34	24.31	0.1914	0.1919	0.1905
20	QPSK	1	49	24.30	24.31	24.23	0.1901	0.1905	0.1871
20	QPSK	1	99	24.22	24.33	24.19	0.1866	0.1914	0.1854
20	QPSK	50	0	23.62	23.68	23.67	0.1626	0.1648	0.1644
20	QPSK	50	24	23.54	23.66	23.58	0.1596	0.1641	0.1611
20	QPSK	50	50	23.50	23.62	23.55	0.1581	0.1626	0.1600
20	QPSK	100	0	23.46	23.48	23.34	0.1567	0.1574	0.1524
20	16QAM	1	0	24.03	24.09	23.98	0.1786	0.1811	0.1766
20	16QAM	1	49	24.01	24.14	24.00	0.1778	0.1832	0.1774
20	16QAM	1	99	24.21	24.24	24.11	0.1862	0.1875	0.1820
20	16QAM	50	0	23.31	23.42	23.32	0.1514	0.1552	0.1517
20	16QAM	50	24	23.24	23.35	23.24	0.1489	0.1528	0.1489
20	16QAM	50	50	23.41	23.45	23.32	0.1549	0.1563	0.1517
20	16QAM	100	0	23.25	23.40	23.36	0.1493	0.1545	0.1531
20	64QAM	1	0	23.35	23.39	23.35	0.1528	0.1542	0.1528
20	64QAM	1	49	23.31	23.34	23.19	0.1514	0.1524	0.1472
20	64QAM	1	99	23.37	23.39	23.31	0.1535	0.1542	0.1514
20	64QAM	50	0	22.31	22.43	22.37	0.1202	0.1236	0.1219
20	64QAM	50	24	22.30	22.37	22.29	0.1199	0.1219	0.1197
20	64QAM	50	50	22.32	22.47	22.40	0.1205	0.1247	0.1227
20	64QAM	100	0	22.35	22.40	22.31	0.1213	0.1227	0.1202
Channel				18675	18900	19125	EIRP(W)		
Frequency (MHz)				1857.5	1880	1902.5	L	M	H
15	QPSK	1	0	24.27	24.26	24.18	0.1888	0.1884	0.1849
15	QPSK	1	37	24.24	24.18	24.18	0.1875	0.1849	0.1849
15	QPSK	1	74	24.15	24.23	24.14	0.1837	0.1871	0.1832
15	QPSK	36	0	23.51	23.61	23.64	0.1585	0.1622	0.1633
15	QPSK	36	20	23.43	23.54	23.56	0.1556	0.1596	0.1603
15	QPSK	36	39	23.49	23.48	23.54	0.1578	0.1574	0.1596
15	QPSK	75	0	23.40	23.37	23.30	0.1545	0.1535	0.1510



15	16QAM	1	0	23.94	23.94	23.84	0.1750	0.1750	0.1710
15	16QAM	1	37	24.00	24.12	23.91	0.1774	0.1824	0.1738
15	16QAM	1	74	24.15	24.12	24.06	0.1837	0.1824	0.1799
15	16QAM	36	0	23.16	23.27	23.25	0.1462	0.1500	0.1493
15	16QAM	36	20	23.23	23.30	23.23	0.1486	0.1510	0.1486
15	16QAM	36	39	23.29	23.36	23.17	0.1507	0.1531	0.1466
15	16QAM	75	0	23.17	23.29	23.25	0.1466	0.1507	0.1493
15	64QAM	1	0	23.25	23.36	23.23	0.1493	0.1531	0.1486
15	64QAM	1	37	23.30	23.27	23.04	0.1510	0.1500	0.1422
15	64QAM	1	74	23.23	23.36	23.22	0.1486	0.1531	0.1483
15	64QAM	36	0	22.29	22.41	22.29	0.1197	0.1230	0.1197
15	64QAM	36	20	22.25	22.28	22.18	0.1186	0.1194	0.1167
15	64QAM	36	39	22.23	22.33	22.32	0.1180	0.1208	0.1205
15	64QAM	75	0	22.33	22.39	22.29	0.1208	0.1225	0.1197
Channel				18650	18900	19150	EIRP(W)		
Frequency (MHz)				1855	1880	1905	L	M	H
10	QPSK	1	0	24.21	24.19	24.21	0.1862	0.1854	0.1862
10	QPSK	1	25	24.24	24.30	24.18	0.1875	0.1901	0.1849
10	QPSK	1	49	24.07	24.28	24.16	0.1803	0.1892	0.1841
10	QPSK	25	0	23.48	23.56	23.63	0.1574	0.1603	0.1629
10	QPSK	25	12	23.43	23.52	23.52	0.1556	0.1589	0.1589
10	QPSK	25	25	23.40	23.48	23.42	0.1545	0.1574	0.1552
10	QPSK	50	0	23.31	23.42	23.19	0.1514	0.1552	0.1472
10	16QAM	1	0	23.88	24.04	23.90	0.1726	0.1791	0.1734
10	16QAM	1	25	23.91	24.11	23.86	0.1738	0.1820	0.1718
10	16QAM	1	49	24.06	24.13	23.97	0.1799	0.1828	0.1762
10	16QAM	25	0	23.17	23.31	23.22	0.1466	0.1514	0.1483
10	16QAM	25	12	23.22	23.31	23.11	0.1483	0.1514	0.1445
10	16QAM	25	25	23.30	23.39	23.31	0.1510	0.1542	0.1514
10	16QAM	50	0	23.12	23.37	23.33	0.1449	0.1535	0.1521
10	64QAM	1	0	23.29	23.35	23.25	0.1507	0.1528	0.1493
10	64QAM	1	25	23.19	23.20	23.18	0.1472	0.1476	0.1469
10	64QAM	1	49	23.27	23.30	23.28	0.1500	0.1510	0.1503
10	64QAM	25	0	22.22	22.32	22.26	0.1178	0.1205	0.1189
10	64QAM	25	12	22.16	22.30	22.24	0.1161	0.1199	0.1183
10	64QAM	25	25	22.20	22.40	22.31	0.1172	0.1227	0.1202
10	64QAM	50	0	22.25	22.31	22.29	0.1186	0.1202	0.1197
Channel				18625	18900	19175	EIRP(W)		
Frequency (MHz)				1852.5	1880	1907.5	L	M	H
5	QPSK	1	0	24.18	24.26	24.22	0.1849	0.1884	0.1866
5	QPSK	1	12	24.16	24.29	24.13	0.1841	0.1897	0.1828
5	QPSK	1	24	24.11	24.32	24.05	0.1820	0.1910	0.1795
5	QPSK	12	0	23.49	23.56	23.54	0.1578	0.1603	0.1596
5	QPSK	12	7	23.44	23.59	23.53	0.1560	0.1614	0.1592
5	QPSK	12	13	23.37	23.51	23.43	0.1535	0.1585	0.1556
5	QPSK	25	0	23.41	23.42	23.30	0.1549	0.1552	0.1510
5	16QAM	1	0	24.00	24.03	23.84	0.1774	0.1786	0.1710



5	16QAM	1	12	23.90	24.12	23.97	0.1734	0.1824	0.1762
5	16QAM	1	24	24.13	24.14	24.09	0.1828	0.1832	0.1811
5	16QAM	12	0	23.27	23.41	23.20	0.1500	0.1549	0.1476
5	16QAM	12	7	23.16	23.30	23.12	0.1462	0.1510	0.1449
5	16QAM	12	13	23.34	23.36	23.24	0.1524	0.1531	0.1489
5	16QAM	25	0	23.21	23.32	23.24	0.1479	0.1517	0.1489
5	64QAM	1	0	23.33	23.38	23.26	0.1521	0.1538	0.1496
5	64QAM	1	12	23.22	23.29	23.10	0.1483	0.1507	0.1442
5	64QAM	1	24	23.35	23.32	23.28	0.1528	0.1517	0.1503
5	64QAM	12	0	22.16	22.39	22.26	0.1161	0.1225	0.1189
5	64QAM	12	7	22.18	22.26	22.25	0.1167	0.1189	0.1186
5	64QAM	12	13	22.27	22.46	22.37	0.1191	0.1245	0.1219
5	64QAM	25	0	22.26	22.35	22.24	0.1189	0.1213	0.1183
Channel				18615	18900	19185	EIRP(W)		
Frequency (MHz)				1851.5	1880	1908.5	L	M	H
3	QPSK	1	0	24.32	24.20	24.30	0.1910	0.1858	0.1901
3	QPSK	1	8	24.28	24.25	24.13	0.1892	0.1879	0.1828
3	QPSK	1	14	24.18	24.20	24.08	0.1849	0.1858	0.1807
3	QPSK	8	0	23.56	23.64	23.63	0.1603	0.1633	0.1629
3	QPSK	8	4	23.52	23.63	23.56	0.1589	0.1629	0.1603
3	QPSK	8	7	23.38	23.54	23.41	0.1538	0.1596	0.1549
3	QPSK	15	0	23.39	23.44	23.30	0.1542	0.1560	0.1510
3	16QAM	1	0	23.94	24.05	23.83	0.1750	0.1795	0.1706
3	16QAM	1	8	23.98	23.99	23.89	0.1766	0.1770	0.1730
3	16QAM	1	14	24.09	24.23	24.01	0.1811	0.1871	0.1778
3	16QAM	8	0	23.21	23.39	23.19	0.1479	0.1542	0.1472
3	16QAM	8	4	23.11	23.30	23.16	0.1445	0.1510	0.1462
3	16QAM	8	7	23.37	23.33	23.25	0.1535	0.1521	0.1493
3	16QAM	15	0	23.20	23.37	23.21	0.1476	0.1535	0.1479
3	64QAM	1	0	23.27	23.30	23.31	0.1500	0.1510	0.1514
3	64QAM	1	8	23.23	23.23	23.17	0.1486	0.1486	0.1466
3	64QAM	1	14	23.35	23.31	23.19	0.1528	0.1514	0.1472
3	64QAM	8	0	22.17	22.30	22.26	0.1164	0.1199	0.1189
3	64QAM	8	4	22.18	22.28	22.19	0.1167	0.1194	0.1169
3	64QAM	8	7	22.29	22.41	22.39	0.1197	0.1230	0.1225
3	64QAM	15	0	22.24	22.28	22.25	0.1183	0.1194	0.1186
Channel				18607	18900	19193	EIRP(W)		
Frequency (MHz)				1850.7	1880	1909.3	L	M	H
1.4	QPSK	1	0	24.21	24.21	24.17	0.1862	0.1862	0.1845
1.4	QPSK	1	3	24.15	24.30	24.17	0.1837	0.1901	0.1845
1.4	QPSK	1	5	24.19	24.26	24.14	0.1854	0.1884	0.1832
1.4	QPSK	3	0	24.25	24.31	24.17	0.1879	0.1905	0.1845
1.4	QPSK	3	1	24.19	24.30	24.22	0.1854	0.1901	0.1866
1.4	QPSK	3	3	24.13	24.32	24.17	0.1828	0.1910	0.1845
1.4	QPSK	6	0	23.37	23.47	23.29	0.1535	0.1570	0.1507
1.4	16QAM	1	0	23.41	23.56	23.42	0.1549	0.1603	0.1552
1.4	16QAM	1	3	23.44	23.50	23.48	0.1560	0.1581	0.1574



1.4	16QAM	1	5	23.58	23.60	23.52	0.1611	0.1618	0.1589
1.4	16QAM	3	0	23.49	23.63	23.64	0.1578	0.1629	0.1633
1.4	16QAM	3	1	23.46	23.55	23.52	0.1567	0.1600	0.1589
1.4	16QAM	3	3	23.43	23.60	23.54	0.1556	0.1618	0.1596
1.4	16QAM	6	0	22.61	22.86	22.79	0.1288	0.1365	0.1343
1.4	64QAM	1	0	22.77	22.79	22.84	0.1337	0.1343	0.1358
1.4	64QAM	1	3	22.79	22.75	22.56	0.1343	0.1330	0.1274
1.4	64QAM	1	5	22.79	22.80	22.70	0.1343	0.1346	0.1315
1.4	64QAM	3	0	22.70	22.81	22.73	0.1315	0.1349	0.1324
1.4	64QAM	3	1	22.65	22.73	22.69	0.1300	0.1324	0.1312
1.4	64QAM	3	3	22.85	22.93	22.73	0.1361	0.1387	0.1324
1.4	64QAM	6	0	21.83	21.82	21.75	0.1076	0.1074	0.1057

LTE Band 4_ANT13:

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	24.06	24.12	24.05	0.1730	0.1754	0.1726
20	QPSK	1	49	23.88	23.98	23.95	0.1660	0.1698	0.1687
20	QPSK	1	99	24.04	24.11	24.03	0.1722	0.1750	0.1718
20	QPSK	50	0	23.29	23.34	23.28	0.1449	0.1466	0.1445
20	QPSK	50	24	23.27	23.30	23.27	0.1442	0.1452	0.1442
20	QPSK	50	50	23.23	23.31	23.21	0.1429	0.1455	0.1422
20	QPSK	100	0	23.28	23.29	23.23	0.1445	0.1449	0.1429
20	16QAM	1	0	23.87	23.95	23.94	0.1656	0.1687	0.1683
20	16QAM	1	49	23.85	23.95	23.90	0.1648	0.1687	0.1667
20	16QAM	1	99	23.85	23.98	23.84	0.1648	0.1698	0.1644
20	16QAM	50	0	22.84	22.88	22.78	0.1306	0.1318	0.1288
20	16QAM	50	24	22.84	22.86	22.81	0.1306	0.1312	0.1297
20	16QAM	50	50	22.76	22.90	22.84	0.1282	0.1324	0.1306
20	16QAM	100	0	22.82	22.90	22.86	0.1300	0.1324	0.1312
20	64QAM	1	0	22.73	22.86	22.72	0.1274	0.1312	0.1271
20	64QAM	1	49	22.79	22.83	22.69	0.1291	0.1303	0.1262
20	64QAM	1	99	22.79	22.87	22.73	0.1291	0.1315	0.1274
20	64QAM	50	0	21.87	21.95	21.82	0.1045	0.1064	0.1033
20	64QAM	50	24	21.81	21.91	21.81	0.1030	0.1054	0.1030
20	64QAM	50	50	21.91	21.99	21.87	0.1054	0.1074	0.1045
20	64QAM	100	0	21.79	21.86	21.75	0.1026	0.1042	0.1016
Channel				20025	20175	20325	EIRP(W)		
Frequency (MHz)				1717.5	1732.5	1747.5	L	M	H
15	QPSK	1	0	24.02	24.00	23.97	0.1714	0.1706	0.1694
15	QPSK	1	37	23.78	23.86	23.80	0.1622	0.1652	0.1629
15	QPSK	1	74	24.02	24.02	23.98	0.1714	0.1714	0.1698
15	QPSK	36	0	23.14	23.32	23.14	0.1400	0.1459	0.1400



15	QPSK	36	20	23.23	23.29	23.25	0.1429	0.1449	0.1435
15	QPSK	36	39	23.15	23.21	23.11	0.1403	0.1422	0.1390
15	QPSK	75	0	23.17	23.18	23.08	0.1409	0.1413	0.1380
15	16QAM	1	0	23.80	23.87	23.80	0.1629	0.1656	0.1629
15	16QAM	1	37	23.75	23.87	23.89	0.1611	0.1656	0.1663
15	16QAM	1	74	23.81	23.97	23.73	0.1633	0.1694	0.1603
15	16QAM	36	0	22.72	22.83	22.72	0.1271	0.1303	0.1271
15	16QAM	36	20	22.83	22.79	22.79	0.1303	0.1291	0.1291
15	16QAM	36	39	22.64	22.84	22.83	0.1247	0.1306	0.1303
15	16QAM	75	0	22.70	22.85	22.72	0.1265	0.1309	0.1271
15	64QAM	1	0	22.58	22.72	22.57	0.1230	0.1271	0.1227
15	64QAM	1	37	22.77	22.79	22.60	0.1285	0.1291	0.1236
15	64QAM	1	74	22.73	22.78	22.62	0.1274	0.1288	0.1242
15	64QAM	36	0	21.86	21.83	21.79	0.1042	0.1035	0.1026
15	64QAM	36	20	21.70	21.79	21.80	0.1005	0.1026	0.1028
15	64QAM	36	39	21.85	21.96	21.75	0.1040	0.1067	0.1016
15	64QAM	75	0	21.65	21.76	21.72	0.0993	0.1019	0.1009
Channel				20000	20175	20350	EIRP(W)		
Frequency (MHz)				1715	1732.5	1750	L	M	H
10	QPSK	1	0	23.96	24.11	23.91	0.1690	0.1750	0.1671
10	QPSK	1	25	23.74	23.90	23.86	0.1607	0.1667	0.1652
10	QPSK	1	49	23.90	24.07	23.93	0.1667	0.1734	0.1679
10	QPSK	25	0	23.21	23.32	23.13	0.1422	0.1459	0.1396
10	QPSK	25	12	23.16	23.15	23.24	0.1406	0.1403	0.1432
10	QPSK	25	25	23.18	23.23	23.19	0.1413	0.1429	0.1416
10	QPSK	50	0	23.19	23.26	23.10	0.1416	0.1439	0.1387
10	16QAM	1	0	23.74	23.85	23.92	0.1607	0.1648	0.1675
10	16QAM	1	25	23.83	23.93	23.75	0.1641	0.1679	0.1611
10	16QAM	1	49	23.83	23.93	23.82	0.1641	0.1679	0.1637
10	16QAM	25	0	22.70	22.84	22.71	0.1265	0.1306	0.1268
10	16QAM	25	12	22.82	22.81	22.80	0.1300	0.1297	0.1294
10	16QAM	25	25	22.69	22.80	22.81	0.1262	0.1294	0.1297
10	16QAM	50	0	22.77	22.89	22.77	0.1285	0.1321	0.1285
10	64QAM	1	0	22.65	22.79	22.64	0.1250	0.1291	0.1247
10	64QAM	1	25	22.68	22.78	22.65	0.1259	0.1288	0.1250
10	64QAM	1	49	22.70	22.85	22.67	0.1265	0.1309	0.1256
10	64QAM	25	0	21.79	21.90	21.79	0.1026	0.1052	0.1026
10	64QAM	25	12	21.76	21.85	21.72	0.1019	0.1040	0.1009
10	64QAM	25	25	21.79	21.92	21.77	0.1026	0.1057	0.1021
10	64QAM	50	0	21.74	21.83	21.66	0.1014	0.1035	0.0995
Channel				19975	20175	20375	EIRP(W)		
Frequency (MHz)				1712.5	1732.5	1752.5	L	M	H
5	QPSK	1	0	23.92	24.11	23.97	0.1675	0.1750	0.1694
5	QPSK	1	12	23.79	23.87	23.83	0.1626	0.1656	0.1641
5	QPSK	1	24	24.01	23.98	23.88	0.1710	0.1698	0.1660
5	QPSK	12	0	23.21	23.25	23.19	0.1422	0.1435	0.1416
5	QPSK	12	7	23.22	23.27	23.21	0.1426	0.1442	0.1422



5	QPSK	12	13	23.17	23.18	23.09	0.1409	0.1413	0.1384
5	QPSK	25	0	23.15	23.16	23.18	0.1403	0.1406	0.1413
5	16QAM	1	0	23.77	23.88	23.80	0.1618	0.1660	0.1629
5	16QAM	1	12	23.79	23.81	23.80	0.1626	0.1633	0.1629
5	16QAM	1	24	23.78	23.88	23.81	0.1622	0.1660	0.1633
5	16QAM	12	0	22.72	22.80	22.75	0.1271	0.1294	0.1279
5	16QAM	12	7	22.82	22.71	22.72	0.1300	0.1268	0.1271
5	16QAM	12	13	22.66	22.80	22.81	0.1253	0.1294	0.1297
5	16QAM	25	0	22.79	22.86	22.80	0.1291	0.1312	0.1294
5	64QAM	1	0	22.66	22.73	22.63	0.1253	0.1274	0.1245
5	64QAM	1	12	22.74	22.78	22.58	0.1276	0.1288	0.1230
5	64QAM	1	24	22.76	22.75	22.61	0.1282	0.1279	0.1239
5	64QAM	12	0	21.76	21.89	21.79	0.1019	0.1050	0.1026
5	64QAM	12	7	21.67	21.88	21.74	0.0998	0.1047	0.1014
5	64QAM	12	13	21.87	21.93	21.84	0.1045	0.1059	0.1038
5	64QAM	25	0	21.77	21.77	21.65	0.1021	0.1021	0.0993
Channel				19965	20175	20385	EIRP(W)		
Frequency (MHz)				1711.5	1732.5	1753.5	L	M	H
3	QPSK	1	0	24.01	24.09	23.90	0.1710	0.1742	0.1667
3	QPSK	1	8	23.87	23.92	23.81	0.1656	0.1675	0.1633
3	QPSK	1	14	23.92	24.09	23.98	0.1675	0.1742	0.1698
3	QPSK	8	0	23.26	23.33	23.15	0.1439	0.1462	0.1403
3	QPSK	8	4	23.22	23.15	23.25	0.1426	0.1403	0.1435
3	QPSK	8	7	23.13	23.18	23.06	0.1396	0.1413	0.1374
3	QPSK	15	0	23.14	23.18	23.17	0.1400	0.1413	0.1409
3	16QAM	1	0	23.86	23.94	23.86	0.1652	0.1683	0.1652
3	16QAM	1	8	23.71	23.92	23.83	0.1596	0.1675	0.1641
3	16QAM	1	14	23.70	23.95	23.82	0.1592	0.1687	0.1637
3	16QAM	8	0	22.71	22.81	22.70	0.1268	0.1297	0.1265
3	16QAM	8	4	22.83	22.79	22.77	0.1303	0.1291	0.1285
3	16QAM	8	7	22.71	22.75	22.77	0.1268	0.1279	0.1285
3	16QAM	15	0	22.69	22.84	22.85	0.1262	0.1306	0.1309
3	64QAM	1	0	22.61	22.77	22.65	0.1239	0.1285	0.1250
3	64QAM	1	8	22.76	22.76	22.67	0.1282	0.1282	0.1256
3	64QAM	1	14	22.66	22.81	22.65	0.1253	0.1297	0.1250
3	64QAM	8	0	21.74	21.84	21.74	0.1014	0.1038	0.1014
3	64QAM	8	4	21.71	21.87	21.70	0.1007	0.1045	0.1005
3	64QAM	8	7	21.85	21.84	21.79	0.1040	0.1038	0.1026
3	64QAM	15	0	21.66	21.71	21.69	0.0995	0.1007	0.1002
Channel				19950	20175	20393	EIRP(W)		
Frequency (MHz)				1710	1732.5	1754.3	L	M	H
1.4	QPSK	1	0	24.02	23.98	24.03	0.1714	0.1698	0.1718
1.4	QPSK	1	3	23.78	23.94	23.89	0.1622	0.1683	0.1663
1.4	QPSK	1	5	23.90	23.97	23.95	0.1667	0.1694	0.1687
1.4	QPSK	3	0	24.04	23.99	23.98	0.1722	0.1702	0.1698
1.4	QPSK	3	1	23.75	23.91	23.82	0.1611	0.1671	0.1637
1.4	QPSK	3	3	23.98	24.03	23.89	0.1698	0.1718	0.1663



1.4	QPSK	6	0	23.19	23.18	23.13	0.1416	0.1413	0.1396
1.4	16QAM	1	0	23.86	23.81	23.92	0.1652	0.1633	0.1675
1.4	16QAM	1	3	23.73	23.92	23.85	0.1603	0.1675	0.1648
1.4	16QAM	1	5	23.74	23.86	23.80	0.1607	0.1652	0.1629
1.4	16QAM	3	0	23.23	23.30	23.16	0.1429	0.1452	0.1406
1.4	16QAM	3	1	23.22	23.21	23.24	0.1426	0.1422	0.1432
1.4	16QAM	3	3	23.19	23.30	23.18	0.1416	0.1452	0.1413
1.4	16QAM	6	0	22.77	22.80	22.73	0.1285	0.1294	0.1274
1.4	64QAM	1	0	22.63	22.79	22.59	0.1245	0.1291	0.1233
1.4	64QAM	1	3	22.72	22.69	22.63	0.1271	0.1262	0.1245
1.4	64QAM	1	5	22.71	22.80	22.62	0.1268	0.1294	0.1242
1.4	64QAM	3	0	22.76	22.82	22.66	0.1282	0.1300	0.1253
1.4	64QAM	3	1	22.64	22.78	22.72	0.1247	0.1288	0.1271
1.4	64QAM	3	3	22.78	22.76	22.72	0.1288	0.1282	0.1271
1.4	64QAM	6	0	21.69	21.75	21.69	0.1002	0.1016	0.1002

LTE Band 5_ANT13:

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	24.35	24.37	24.27	0.0489	0.0491	0.0480
10	QPSK	1	25	24.29	24.32	24.17	0.0482	0.0485	0.0469
10	QPSK	1	49	24.20	24.23	24.22	0.0472	0.0475	0.0474
10	QPSK	25	0	23.62	23.68	23.63	0.0413	0.0419	0.0414
10	QPSK	25	12	23.61	23.63	23.51	0.0412	0.0414	0.0403
10	QPSK	25	25	23.54	23.63	23.62	0.0406	0.0414	0.0413
10	QPSK	50	0	23.53	23.63	23.55	0.0405	0.0414	0.0406
10	16QAM	1	0	24.25	24.26	24.15	0.0478	0.0479	0.0467
10	16QAM	1	25	23.97	24.10	23.96	0.0448	0.0461	0.0447
10	16QAM	1	49	23.90	24.03	24.01	0.0441	0.0454	0.0452
10	16QAM	25	0	23.17	23.28	23.16	0.0372	0.0382	0.0372
10	16QAM	25	12	23.17	23.21	23.17	0.0372	0.0376	0.0372
10	16QAM	25	25	23.16	23.24	23.11	0.0372	0.0378	0.0367
10	16QAM	50	0	23.22	23.26	23.21	0.0377	0.0380	0.0376
10	64QAM	1	0	23.21	23.24	23.21	0.0376	0.0378	0.0376
10	64QAM	1	25	23.07	23.21	23.19	0.0364	0.0376	0.0374
10	64QAM	1	49	23.17	23.22	23.08	0.0372	0.0377	0.0365
10	64QAM	25	0	22.19	22.26	22.22	0.0297	0.0302	0.0299
10	64QAM	25	12	22.26	22.27	22.17	0.0302	0.0303	0.0296
10	64QAM	25	25	22.04	22.16	22.01	0.0287	0.0295	0.0285
10	64QAM	50	0	22.21	22.23	22.19	0.0299	0.0300	0.0297
Channel				20425	20525	20625	ERP(W)		
Frequency (MHz)				826.5	836.5	846.5	L	M	H
5	QPSK	1	0	24.30	24.30	24.24	0.0483	0.0483	0.0476



5	QPSK	1	12	24.18	24.30	24.09	0.0470	0.0483	0.0460
5	QPSK	1	24	24.17	24.19	24.09	0.0469	0.0471	0.0460
5	QPSK	12	0	23.48	23.57	23.50	0.0400	0.0408	0.0402
5	QPSK	12	7	23.52	23.62	23.49	0.0404	0.0413	0.0401
5	QPSK	12	13	23.40	23.62	23.55	0.0393	0.0413	0.0406
5	QPSK	25	0	23.45	23.57	23.42	0.0397	0.0408	0.0394
5	16QAM	1	0	24.12	24.14	24.06	0.0463	0.0466	0.0457
5	16QAM	1	12	23.88	24.09	23.89	0.0439	0.0460	0.0440
5	16QAM	1	24	23.85	23.92	23.97	0.0436	0.0443	0.0448
5	16QAM	12	0	23.07	23.18	23.12	0.0364	0.0373	0.0368
5	16QAM	12	7	23.07	23.09	23.05	0.0364	0.0366	0.0362
5	16QAM	12	13	23.06	23.15	23.06	0.0363	0.0371	0.0363
5	16QAM	25	0	23.13	23.21	23.09	0.0369	0.0376	0.0366
5	64QAM	1	0	23.20	23.22	23.15	0.0375	0.0377	0.0371
5	64QAM	1	12	22.95	23.15	23.05	0.0354	0.0371	0.0362
5	64QAM	1	24	23.16	23.18	22.94	0.0372	0.0373	0.0353
5	64QAM	12	0	22.12	22.13	22.19	0.0292	0.0293	0.0297
5	64QAM	12	7	22.17	22.21	22.08	0.0296	0.0299	0.0290
5	64QAM	12	13	21.91	22.06	21.99	0.0279	0.0288	0.0284
5	64QAM	25	0	22.12	22.09	22.11	0.0292	0.0290	0.0292
Channel				20415	20525	20635	ERP(W)		
Frequency (MHz)				825.5	836.5	847.5	L	M	H
3	QPSK	1	0	24.34	24.32	24.20	0.0488	0.0485	0.0472
3	QPSK	1	8	24.25	24.19	24.05	0.0478	0.0471	0.0456
3	QPSK	1	14	24.15	24.19	24.14	0.0467	0.0471	0.0466
3	QPSK	8	0	23.57	23.67	23.54	0.0408	0.0418	0.0406
3	QPSK	8	4	23.59	23.55	23.42	0.0410	0.0406	0.0394
3	QPSK	8	7	23.42	23.62	23.56	0.0394	0.0413	0.0407
3	QPSK	15	0	23.51	23.60	23.47	0.0403	0.0411	0.0399
3	16QAM	1	0	24.15	24.24	24.13	0.0467	0.0476	0.0465
3	16QAM	1	8	23.94	24.09	23.90	0.0445	0.0460	0.0441
3	16QAM	1	14	23.84	23.88	23.99	0.0435	0.0439	0.0450
3	16QAM	8	0	23.09	23.20	23.06	0.0366	0.0375	0.0363
3	16QAM	8	4	23.09	23.07	23.06	0.0366	0.0364	0.0363
3	16QAM	8	7	23.12	23.13	22.97	0.0368	0.0369	0.0356
3	16QAM	15	0	23.09	23.11	23.10	0.0366	0.0367	0.0366
3	64QAM	1	0	23.16	23.11	23.08	0.0372	0.0367	0.0365
3	64QAM	1	8	22.92	23.19	23.05	0.0352	0.0374	0.0362
3	64QAM	1	14	23.15	23.16	22.95	0.0371	0.0372	0.0354
3	64QAM	8	0	22.09	22.12	22.09	0.0290	0.0292	0.0290
3	64QAM	8	4	22.13	22.24	22.09	0.0293	0.0301	0.0290
3	64QAM	8	7	21.99	22.13	21.90	0.0284	0.0293	0.0278
3	64QAM	15	0	22.13	22.18	22.12	0.0293	0.0296	0.0292
Channel				20407	20525	20643	ERP(W)		
Frequency (MHz)				824.7	836.5	848.3	L	M	H
1.4	QPSK	1	0	24.25	24.28	24.18	0.0478	0.0481	0.0470
1.4	QPSK	1	3	24.17	24.20	24.04	0.0469	0.0472	0.0455



1.4	QPSK	1	5	24.13	24.13	24.14	0.0465	0.0465	0.0466
1.4	QPSK	3	0	24.36	24.28	24.12	0.0490	0.0481	0.0463
1.4	QPSK	3	1	24.21	24.24	24.09	0.0473	0.0476	0.0460
1.4	QPSK	3	3	24.16	24.14	24.15	0.0468	0.0466	0.0467
1.4	QPSK	6	0	23.47	23.60	23.53	0.0399	0.0411	0.0405
1.4	16QAM	1	0	23.86	23.86	23.74	0.0437	0.0437	0.0425
1.4	16QAM	1	3	23.55	23.67	23.53	0.0406	0.0418	0.0405
1.4	16QAM	1	5	23.56	23.68	23.70	0.0407	0.0419	0.0421
1.4	16QAM	3	0	23.60	23.53	23.62	0.0411	0.0405	0.0413
1.4	16QAM	3	1	23.54	23.56	23.44	0.0406	0.0407	0.0396
1.4	16QAM	3	3	23.45	23.52	23.55	0.0397	0.0404	0.0406
1.4	16QAM	6	0	22.79	22.87	22.78	0.0341	0.0348	0.0340
1.4	64QAM	1	0	22.79	22.85	22.88	0.0341	0.0346	0.0348
1.4	64QAM	1	3	22.65	22.87	22.74	0.0330	0.0348	0.0337
1.4	64QAM	1	5	22.74	22.81	22.75	0.0337	0.0343	0.0338
1.4	64QAM	3	0	22.76	22.83	22.73	0.0339	0.0344	0.0337
1.4	64QAM	3	1	22.75	22.79	22.72	0.0338	0.0341	0.0336
1.4	64QAM	3	3	22.79	22.87	22.79	0.0341	0.0348	0.0341
1.4	64QAM	6	0	21.86	21.81	21.82	0.0275	0.0272	0.0273

LTE Band 7_ANT13:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				20850	20850	21350			
Frequency (MHz)				2510	2535	2560	L	M	H
20	QPSK	1	0	23.49	23.84	23.79	0.2612	0.2831	0.2799
20	QPSK	1	49	23.48	23.54	23.42	0.2606	0.2642	0.2570
20	QPSK	1	99	23.46	23.51	23.37	0.2594	0.2624	0.2541
20	QPSK	50	0	22.58	22.63	22.61	0.2118	0.2143	0.2133
20	QPSK	50	24	22.54	22.62	22.48	0.2099	0.2138	0.2070
20	QPSK	50	50	22.44	22.57	22.50	0.2051	0.2113	0.2080
20	QPSK	100	0	22.50	22.58	22.48	0.2080	0.2118	0.2070
20	16QAM	1	0	23.12	23.27	23.20	0.2399	0.2483	0.2443
20	16QAM	1	49	23.30	23.35	23.23	0.2500	0.2529	0.2460
20	16QAM	1	99	23.12	23.23	23.12	0.2399	0.2460	0.2399
20	16QAM	50	0	22.25	22.33	22.20	0.1963	0.2000	0.1941
20	16QAM	50	24	22.20	22.24	22.10	0.1941	0.1959	0.1897
20	16QAM	50	50	22.24	22.36	22.32	0.1959	0.2014	0.1995
20	16QAM	100	0	22.26	22.27	22.22	0.1968	0.1972	0.1950
20	64QAM	1	0	22.32	22.43	22.35	0.1995	0.2046	0.2009
20	64QAM	1	49	22.33	22.36	22.30	0.2000	0.2014	0.1986
20	64QAM	1	99	22.48	22.49	22.48	0.2070	0.2075	0.2070
20	64QAM	50	0	20.67	20.80	20.78	0.1365	0.1406	0.1400
20	64QAM	50	24	20.63	20.75	20.73	0.1352	0.1390	0.1384
20	64QAM	50	50	20.78	20.81	20.70	0.1400	0.1409	0.1374



20	64QAM	100	0	20.64	20.74	20.66	0.1355	0.1387	0.1361
Channel				20825	21100	21375	EIRP(W)		
Frequency (MHz)				2507.5	2535	2562.5	L	M	H
15	QPSK	1	0	23.46	23.77	23.71	0.2594	0.2786	0.2748
15	QPSK	1	37	23.43	23.43	23.31	0.2576	0.2576	0.2506
15	QPSK	1	74	23.42	23.39	23.25	0.2570	0.2553	0.2472
15	QPSK	36	0	22.47	22.50	22.56	0.2065	0.2080	0.2109
15	QPSK	36	20	22.52	22.51	22.46	0.2089	0.2084	0.2061
15	QPSK	36	39	22.36	22.52	22.35	0.2014	0.2089	0.2009
15	QPSK	75	0	22.38	22.48	22.45	0.2023	0.2070	0.2056
15	16QAM	1	0	23.04	23.20	23.16	0.2355	0.2443	0.2421
15	16QAM	1	37	23.20	23.22	23.11	0.2443	0.2455	0.2393
15	16QAM	1	74	23.02	23.10	23.03	0.2344	0.2388	0.2350
15	16QAM	36	0	22.13	22.32	22.11	0.1910	0.1995	0.1901
15	16QAM	36	20	22.19	22.19	22.00	0.1936	0.1936	0.1854
15	16QAM	36	39	22.12	22.21	22.21	0.1905	0.1945	0.1945
15	16QAM	75	0	22.22	22.14	22.13	0.1950	0.1914	0.1910
15	64QAM	1	0	22.29	22.35	22.33	0.1982	0.2009	0.2000
15	64QAM	1	37	22.26	22.21	22.26	0.1968	0.1945	0.1968
15	64QAM	1	74	22.33	22.40	22.46	0.2000	0.2032	0.2061
15	64QAM	36	0	20.59	20.77	20.73	0.1340	0.1396	0.1384
15	64QAM	36	20	20.56	20.67	20.69	0.1330	0.1365	0.1371
15	64QAM	36	39	20.67	20.70	20.66	0.1365	0.1374	0.1361
15	64QAM	75	0	20.60	20.68	20.62	0.1343	0.1368	0.1349
Channel				20800	21100	21400	EIRP(W)		
Frequency (MHz)				2505	2535	2565	L	M	H
10	QPSK	1	0	23.34	23.71	23.74	0.2523	0.2748	0.2767
10	QPSK	1	25	23.34	23.44	23.31	0.2523	0.2582	0.2506
10	QPSK	1	49	23.37	23.39	23.36	0.2541	0.2553	0.2535
10	QPSK	25	0	22.43	22.50	22.52	0.2046	0.2080	0.2089
10	QPSK	25	12	22.43	22.58	22.35	0.2046	0.2118	0.2009
10	QPSK	25	25	22.33	22.53	22.48	0.2000	0.2094	0.2070
10	QPSK	50	0	22.40	22.50	22.36	0.2032	0.2080	0.2014
10	16QAM	1	0	23.02	23.25	23.14	0.2344	0.2472	0.2410
10	16QAM	1	25	23.21	23.20	23.19	0.2449	0.2443	0.2438
10	16QAM	1	49	23.10	23.20	23.10	0.2388	0.2443	0.2388
10	16QAM	25	0	22.17	22.27	22.17	0.1928	0.1972	0.1928
10	16QAM	25	12	22.06	22.20	21.96	0.1879	0.1941	0.1837
10	16QAM	25	25	22.17	22.34	22.19	0.1928	0.2004	0.1936
10	16QAM	50	0	22.15	22.14	22.20	0.1919	0.1914	0.1941
10	64QAM	1	0	22.20	22.28	22.24	0.1941	0.1977	0.1959
10	64QAM	1	25	22.24	22.29	22.20	0.1959	0.1982	0.1941
10	64QAM	1	49	22.47	22.43	22.40	0.2065	0.2046	0.2032
10	64QAM	25	0	20.54	20.74	20.64	0.1324	0.1387	0.1355
10	64QAM	25	12	20.49	20.63	20.72	0.1309	0.1352	0.1380
10	64QAM	25	25	20.68	20.75	20.62	0.1368	0.1390	0.1349
10	64QAM	50	0	20.54	20.61	20.62	0.1324	0.1346	0.1349



Channel				20775	21100	21425	EIRP(W)		
Frequency (MHz)				2502.5	2535	2567.5	L	M	H
5	QPSK	1	0	23.35	23.75	23.69	0.2529	0.2773	0.2735
5	QPSK	1	12	23.43	23.39	23.40	0.2576	0.2553	0.2559
5	QPSK	1	24	23.31	23.44	23.26	0.2506	0.2582	0.2477
5	QPSK	12	0	22.55	22.56	22.56	0.2104	0.2109	0.2109
5	QPSK	12	7	22.52	22.53	22.42	0.2089	0.2094	0.2042
5	QPSK	12	13	22.36	22.43	22.47	0.2014	0.2046	0.2065
5	QPSK	25	0	22.40	22.46	22.37	0.2032	0.2061	0.2018
5	16QAM	1	0	23.04	23.12	23.16	0.2355	0.2399	0.2421
5	16QAM	1	12	23.28	23.27	23.16	0.2489	0.2483	0.2421
5	16QAM	1	24	23.09	23.12	23.11	0.2382	0.2399	0.2393
5	16QAM	12	0	22.21	22.23	22.18	0.1945	0.1954	0.1932
5	16QAM	12	7	22.16	22.10	21.95	0.1923	0.1897	0.1832
5	16QAM	12	13	22.12	22.27	22.23	0.1905	0.1972	0.1954
5	16QAM	25	0	22.12	22.24	22.17	0.1905	0.1959	0.1928
5	64QAM	1	0	22.26	22.28	22.30	0.1968	0.1977	0.1986
5	64QAM	1	12	22.20	22.25	22.22	0.1941	0.1963	0.1950
5	64QAM	1	24	22.36	22.34	22.40	0.2014	0.2004	0.2032
5	64QAM	12	0	20.62	20.69	20.66	0.1349	0.1371	0.1361
5	64QAM	12	7	20.60	20.60	20.64	0.1343	0.1343	0.1355
5	64QAM	12	13	20.65	20.80	20.65	0.1358	0.1406	0.1358
5	64QAM	25	0	20.51	20.69	20.60	0.1315	0.1371	0.1343

LTE Band 13_ANT13:

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		24.37			0.0266	
10	QPSK	1	25		24.26			0.0259	
10	QPSK	1	49		24.36			0.0265	
10	QPSK	25	0		23.56			0.0221	
10	QPSK	25	12		23.52			0.0219	
10	QPSK	25	25		23.49			0.0217	
10	QPSK	50	0		23.60			0.0223	
10	16QAM	1	0		24.29			0.0261	
10	16QAM	1	25		24.24			0.0258	
10	16QAM	1	49		24.21			0.0256	
10	16QAM	25	0		23.22			0.0204	
10	16QAM	25	12		23.28			0.0207	
10	16QAM	25	25		23.18			0.0202	
10	16QAM	50	0		23.04			0.0196	
10	64QAM	1	0		23.21			0.0204	
10	64QAM	1	25		23.21			0.0204	



10	64QAM	1	49		23.19			0.0203	
10	64QAM	25	0		22.28			0.0164	
10	64QAM	25	12		22.29			0.0165	
10	64QAM	25	25		22.28			0.0164	
10	64QAM	50	0		22.30			0.0165	
Channel				23205	23230	23255	ERP(W)		
Frequency (MHz)				779.5	782	784.5	L	M	H
5	QPSK	1	0	24.30	24.32	24.32	0.0262	0.0263	0.0263
5	QPSK	1	12	24.13	24.19	24.19	0.0252	0.0255	0.0255
5	QPSK	1	24	24.25	24.21	24.29	0.0259	0.0256	0.0261
5	QPSK	12	0	23.46	23.53	23.49	0.0216	0.0219	0.0217
5	QPSK	12	7	23.50	23.43	23.37	0.0218	0.0214	0.0211
5	QPSK	12	13	23.37	23.48	23.40	0.0211	0.0217	0.0213
5	QPSK	25	0	23.59	23.56	23.53	0.0222	0.0221	0.0219
5	16QAM	1	0	24.27	24.26	24.17	0.0260	0.0259	0.0254
5	16QAM	1	12	24.23	24.09	24.20	0.0258	0.0249	0.0256
5	16QAM	1	24	24.18	24.12	24.11	0.0255	0.0251	0.0251
5	16QAM	12	0	23.11	23.15	23.13	0.0199	0.0201	0.0200
5	16QAM	12	7	23.23	23.17	23.17	0.0205	0.0202	0.0202
5	16QAM	12	13	23.13	23.14	23.09	0.0200	0.0200	0.0198
5	16QAM	25	0	22.98	23.01	22.95	0.0193	0.0195	0.0192
5	64QAM	1	0	23.07	23.20	23.10	0.0197	0.0203	0.0199
5	64QAM	1	12	23.11	23.20	23.15	0.0199	0.0203	0.0201
5	64QAM	1	24	23.15	23.08	23.12	0.0201	0.0198	0.0200
5	64QAM	12	0	22.25	22.21	22.17	0.0163	0.0162	0.0160
5	64QAM	12	7	22.28	22.23	22.20	0.0164	0.0163	0.0161
5	64QAM	12	13	22.24	22.24	22.23	0.0163	0.0163	0.0163
5	64QAM	25	0	22.25	22.20	22.23	0.0163	0.0161	0.0163

LTE Band 26_ANT13:

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	24.23	24.26	24.38	24.37	0.0475	0.0479	0.0492	0.0491
15	QPSK	1	37	24.32	24.23	24.34	24.30	0.0485	0.0475	0.0488	0.0483
15	QPSK	1	74	24.22	24.18	24.32	24.17	0.0474	0.0470	0.0485	0.0469
15	QPSK	36	0	23.63	23.69	23.73	23.71	0.0414	0.0420	0.0424	0.0422
15	QPSK	36	20	23.66	23.68	23.71	23.70	0.0417	0.0419	0.0422	0.0421
15	QPSK	36	39	23.63	23.55	23.64	23.55	0.0414	0.0406	0.0415	0.0406
15	QPSK	75	0	23.63	23.71	23.73	23.70	0.0414	0.0422	0.0424	0.0421
15	16QAM	1	0	24.10	24.10	24.21	24.20	0.0461	0.0461	0.0473	0.0472
15	16QAM	1	37	24.25	24.13	24.26	24.14	0.0478	0.0465	0.0479	0.0466
15	16QAM	1	74	24.15	24.22	24.23	24.22	0.0467	0.0474	0.0475	0.0474
15	16QAM	36	0	23.30	23.31	23.43	23.32	0.0384	0.0385	0.0395	0.0385



15	16QAM	36	20	23.36	23.25	23.37	23.24	0.0389	0.0379	0.0390	0.0378
15	16QAM	36	39	23.39	23.38	23.45	23.38	0.0392	0.0391	0.0397	0.0391
15	16QAM	75	0	23.46	23.42	23.48	23.47	0.0398	0.0394	0.0400	0.0399
15	64QAM	1	0	23.36	23.29	23.44	23.36	0.0389	0.0383	0.0396	0.0389
15	64QAM	1	37	23.32	23.23	23.33	23.25	0.0385	0.0378	0.0386	0.0379
15	64QAM	1	74	23.47	23.40	23.49	23.43	0.0399	0.0393	0.0401	0.0395
15	64QAM	36	0	22.39	22.36	22.42	22.34	0.0311	0.0309	0.0313	0.0308
15	64QAM	36	20	22.30	22.42	22.45	22.39	0.0305	0.0313	0.0316	0.0311
15	64QAM	36	39	22.46	22.44	22.47	22.42	0.0316	0.0315	0.0317	0.0313
15	64QAM	75	0	22.38	22.38	22.45	22.44	0.0310	0.0310	0.0316	0.0315
Channel				26790	26840	26915	26990	ERP(W)			
Frequency (MHz)				824	829	836.5	844	Straddle Ch	L	M	H
10	QPSK	1	0		24.22	24.23	24.33		0.0474	0.0475	0.0486
10	QPSK	1	25		24.12	24.31	24.24		0.0463	0.0484	0.0476
10	QPSK	1	49		24.12	24.30	24.16		0.0463	0.0483	0.0468
10	QPSK	25	0		23.60	23.66	23.68		0.0411	0.0417	0.0419
10	QPSK	25	12		23.57	23.67	23.59		0.0408	0.0418	0.0410
10	QPSK	25	25		23.50	23.51	23.48		0.0402	0.0403	0.0400
10	QPSK	50	0		23.63	23.61	23.67		0.0414	0.0412	0.0418
10	16QAM	1	0		23.97	24.09	24.12		0.0448	0.0460	0.0463
10	16QAM	1	25		24.12	24.23	24.04		0.0463	0.0475	0.0455
10	16QAM	1	49		24.14	24.18	24.18		0.0466	0.0470	0.0470
10	16QAM	25	0		23.19	23.28	23.17		0.0374	0.0382	0.0372
10	16QAM	25	12		23.12	23.30	23.11		0.0368	0.0384	0.0367
10	16QAM	25	25		23.27	23.30	23.23		0.0381	0.0384	0.0378
10	16QAM	50	0		23.36	23.46	23.34		0.0389	0.0398	0.0387
10	64QAM	1	0		23.26	23.38	23.25		0.0380	0.0391	0.0379
10	64QAM	1	25		23.12	23.24	23.21		0.0368	0.0378	0.0376
10	64QAM	1	49		23.37	23.47	23.36		0.0390	0.0399	0.0389
10	64QAM	25	0		22.33	22.35	22.24		0.0307	0.0308	0.0301
10	64QAM	25	12		22.28	22.43	22.37		0.0303	0.0314	0.0310
10	64QAM	25	25		22.35	22.45	22.32		0.0308	0.0316	0.0306
10	64QAM	50	0		22.30	22.31	22.36		0.0305	0.0305	0.0309
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		24.18	24.30	24.34		0.0470	0.0483	0.0488
5	QPSK	1	12		24.21	24.24	24.20		0.0473	0.0476	0.0472
5	QPSK	1	24		24.06	24.19	24.10		0.0457	0.0471	0.0461
5	QPSK	12	0		23.62	23.71	23.63		0.0413	0.0422	0.0414
5	QPSK	12	7		23.54	23.64	23.59		0.0406	0.0415	0.0410
5	QPSK	12	13		23.45	23.56	23.41		0.0397	0.0407	0.0394
5	QPSK	25	0		23.61	23.65	23.64		0.0412	0.0416	0.0415
5	16QAM	1	0		24.04	24.11	24.12		0.0455	0.0462	0.0463
5	16QAM	1	12		24.05	24.13	24.05		0.0456	0.0465	0.0456
5	16QAM	1	24		24.17	24.18	24.17		0.0469	0.0470	0.0469
5	16QAM	12	0		23.24	23.34	23.26		0.0378	0.0387	0.0380



5	16QAM	12	7		23.15	23.33	23.22		0.0371	0.0386	0.0377
5	16QAM	12	13		23.28	23.39	23.36		0.0382	0.0392	0.0389
5	16QAM	25	0		23.29	23.41	23.45		0.0383	0.0394	0.0397
5	64QAM	1	0		23.18	23.43	23.22		0.0373	0.0395	0.0377
5	64QAM	1	12		23.15	23.32	23.13		0.0371	0.0385	0.0369
5	64QAM	1	24		23.31	23.38	23.32		0.0385	0.0391	0.0385
5	64QAM	12	0		22.35	22.27	22.24		0.0308	0.0303	0.0301
5	64QAM	12	7		22.40	22.42	22.31		0.0312	0.0313	0.0305
5	64QAM	12	13		22.43	22.42	22.29		0.0314	0.0313	0.0304
5	64QAM	25	0		22.35	22.43	22.40		0.0308	0.0314	0.0312
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		24.17	24.27	24.36		0.0469	0.0480	0.0490
3	QPSK	1	8		24.15	24.21	24.18		0.0467	0.0473	0.0470
3	QPSK	1	14		24.15	24.30	24.13		0.0467	0.0483	0.0465
3	QPSK	8	0		23.58	23.66	23.56		0.0409	0.0417	0.0407
3	QPSK	8	4		23.66	23.70	23.68		0.0417	0.0421	0.0419
3	QPSK	8	7		23.43	23.62	23.41		0.0395	0.0413	0.0394
3	QPSK	15	0		23.57	23.67	23.68		0.0408	0.0418	0.0419
3	16QAM	1	0		24.01	24.14	24.14		0.0452	0.0466	0.0466
3	16QAM	1	8		24.10	24.23	24.13		0.0461	0.0475	0.0465
3	16QAM	1	14		24.08	24.08	24.16		0.0459	0.0459	0.0468
3	16QAM	8	0		23.18	23.30	23.22		0.0373	0.0384	0.0377
3	16QAM	8	4		23.10	23.27	23.21		0.0366	0.0381	0.0376
3	16QAM	8	7		23.28	23.40	23.25		0.0382	0.0393	0.0379
3	16QAM	15	0		23.38	23.41	23.34		0.0391	0.0394	0.0387
3	64QAM	1	0		23.14	23.39	23.35		0.0370	0.0392	0.0388
3	64QAM	1	8		23.13	23.32	23.20		0.0369	0.0385	0.0375
3	64QAM	1	14		23.28	23.36	23.39		0.0382	0.0389	0.0392
3	64QAM	8	0		22.24	22.32	22.30		0.0301	0.0306	0.0305
3	64QAM	8	4		22.34	22.30	22.25		0.0308	0.0305	0.0301
3	64QAM	8	7		22.34	22.45	22.34		0.0308	0.0316	0.0308
3	64QAM	15	0		22.30	22.35	22.31		0.0305	0.0308	0.0305
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		24.23	24.28	24.26		0.0475	0.0481	0.0479
1.4	QPSK	1	3		24.20	24.22	24.28		0.0472	0.0474	0.0481
1.4	QPSK	1	5		24.07	24.31	24.13		0.0458	0.0484	0.0465
1.4	QPSK	3	0		24.25	24.25	24.27		0.0478	0.0478	0.0480
1.4	QPSK	3	1		24.20	24.27	24.21		0.0472	0.0480	0.0473
1.4	QPSK	3	3		24.14	24.20	24.10		0.0466	0.0472	0.0461
1.4	QPSK	6	0		23.58	23.69	23.64		0.0409	0.0420	0.0415
1.4	16QAM	1	0		23.52	23.68	23.61		0.0404	0.0419	0.0412
1.4	16QAM	1	3		23.50	23.61	23.55		0.0402	0.0412	0.0406
1.4	16QAM	1	5		23.71	23.64	23.64		0.0422	0.0415	0.0415
1.4	16QAM	3	0		23.66	23.68	23.67		0.0417	0.0419	0.0418
1.4	16QAM	3	1		23.57	23.60	23.69		0.0408	0.0411	0.0420



1.4	16QAM	3	3		23.57	23.64	23.62		0.0408	0.0415	0.0413
1.4	16QAM	6	0		22.86	22.96	22.88		0.0347	0.0355	0.0348
1.4	64QAM	1	0		22.74	22.86	22.81		0.0337	0.0347	0.0343
1.4	64QAM	1	3		22.71	22.82	22.67		0.0335	0.0344	0.0332
1.4	64QAM	1	5		22.79	22.90	22.79		0.0341	0.0350	0.0341
1.4	64QAM	3	0		22.67	22.84	22.70		0.0332	0.0345	0.0334
1.4	64QAM	3	1		22.78	22.80	22.78		0.0340	0.0342	0.0340
1.4	64QAM	3	3		22.79	22.87	22.83		0.0341	0.0348	0.0344
1.4	64QAM	6	0		21.80	21.89	21.93		0.0272	0.0277	0.0280

LTE Band 38_ANT13:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610	L	M	H
20	QPSK	1	0	24.46	24.47	24.38	0.3141	0.3148	0.3083
20	QPSK	1	49	24.27	24.29	24.23	0.3006	0.3020	0.2979
20	QPSK	1	99	24.06	24.14	24.04	0.2864	0.2917	0.2851
20	QPSK	50	0	23.67	23.70	23.68	0.2618	0.2636	0.2624
20	QPSK	50	24	23.57	23.62	23.57	0.2559	0.2588	0.2559
20	QPSK	50	50	23.46	23.47	23.35	0.2495	0.2500	0.2432
20	QPSK	100	0	23.59	23.61	23.53	0.2570	0.2582	0.2535
20	16QAM	1	0	24.19	24.31	24.21	0.2951	0.3034	0.2965
20	16QAM	1	49	24.26	24.29	24.14	0.2999	0.3020	0.2917
20	16QAM	1	99	24.01	24.08	23.96	0.2831	0.2877	0.2799
20	16QAM	50	0	23.25	23.37	23.29	0.2377	0.2443	0.2399
20	16QAM	50	24	23.34	23.35	23.21	0.2427	0.2432	0.2355
20	16QAM	50	50	23.32	23.33	23.32	0.2415	0.2421	0.2415
20	16QAM	100	0	23.33	23.34	23.19	0.2421	0.2427	0.2344
20	64QAM	1	0	22.64	22.71	22.69	0.2065	0.2099	0.2089
20	64QAM	1	49	22.38	22.49	22.39	0.1945	0.1995	0.1950
20	64QAM	1	99	22.42	22.44	22.35	0.1963	0.1972	0.1932
20	64QAM	50	0	22.32	22.36	22.32	0.1919	0.1936	0.1919
20	64QAM	50	24	22.31	22.35	22.23	0.1914	0.1932	0.1879
20	64QAM	50	50	22.28	22.37	22.24	0.1901	0.1941	0.1884
20	64QAM	100	0	22.36	22.38	22.23	0.1936	0.1945	0.1879
Channel				37825	38000	38175	EIRP(W)		
Frequency (MHz)				2577.5	2595	2612.5	L	M	H
15	QPSK	1	0	24.34	24.43	24.27	0.3055	0.3119	0.3006
15	QPSK	1	37	24.23	24.18	24.14	0.2979	0.2944	0.2917
15	QPSK	1	74	24.05	24.04	23.89	0.2858	0.2851	0.2754
15	QPSK	36	0	23.56	23.68	23.59	0.2553	0.2624	0.2570
15	QPSK	36	20	23.46	23.50	23.43	0.2495	0.2518	0.2477
15	QPSK	36	39	23.33	23.42	23.31	0.2421	0.2472	0.2410
15	QPSK	75	0	23.45	23.50	23.52	0.2489	0.2518	0.2529
15	16QAM	1	0	24.08	24.26	24.15	0.2877	0.2999	0.2924



15	16QAM	1	37	24.12	24.16	24.02	0.2904	0.2931	0.2838
15	16QAM	1	74	23.91	24.00	23.91	0.2767	0.2825	0.2767
15	16QAM	36	0	23.22	23.28	23.20	0.2360	0.2393	0.2350
15	16QAM	36	20	23.27	23.31	23.18	0.2388	0.2410	0.2339
15	16QAM	36	39	23.22	23.26	23.27	0.2360	0.2382	0.2388
15	16QAM	75	0	23.25	23.26	23.05	0.2377	0.2382	0.2270
15	64QAM	1	0	22.61	22.62	22.63	0.2051	0.2056	0.2061
15	64QAM	1	37	22.28	22.43	22.27	0.1901	0.1968	0.1897
15	64QAM	1	74	22.36	22.43	22.29	0.1936	0.1968	0.1905
15	64QAM	36	0	22.28	22.23	22.20	0.1901	0.1879	0.1866
15	64QAM	36	20	22.23	22.22	22.16	0.1879	0.1875	0.1849
15	64QAM	36	39	22.20	22.34	22.13	0.1866	0.1928	0.1837
15	64QAM	75	0	22.27	22.31	22.22	0.1897	0.1914	0.1875
Channel				37800	38000	38200	EIRP(W)		
Frequency (MHz)				2575	2595	2615	L	M	H
10	QPSK	1	0	24.38	24.34	24.37	0.3083	0.3055	0.3076
10	QPSK	1	25	24.20	24.27	24.17	0.2958	0.3006	0.2938
10	QPSK	1	49	24.00	24.02	24.03	0.2825	0.2838	0.2844
10	QPSK	25	0	23.62	23.58	23.64	0.2588	0.2564	0.2600
10	QPSK	25	12	23.53	23.53	23.48	0.2535	0.2535	0.2506
10	QPSK	25	25	23.39	23.37	23.34	0.2455	0.2443	0.2427
10	QPSK	50	0	23.51	23.46	23.49	0.2523	0.2495	0.2512
10	16QAM	1	0	24.10	24.24	24.11	0.2891	0.2985	0.2897
10	16QAM	1	25	24.11	24.24	24.05	0.2897	0.2985	0.2858
10	16QAM	1	49	23.93	23.98	23.91	0.2780	0.2812	0.2767
10	16QAM	25	0	23.18	23.26	23.16	0.2339	0.2382	0.2328
10	16QAM	25	12	23.22	23.28	23.20	0.2360	0.2393	0.2350
10	16QAM	25	25	23.27	23.29	23.18	0.2388	0.2399	0.2339
10	16QAM	50	0	23.24	23.19	23.18	0.2371	0.2344	0.2339
10	64QAM	1	0	22.59	22.66	22.61	0.2042	0.2075	0.2051
10	64QAM	1	25	22.27	22.46	22.34	0.1897	0.1982	0.1928
10	64QAM	1	49	22.29	22.35	22.34	0.1905	0.1932	0.1928
10	64QAM	25	0	22.20	22.30	22.22	0.1866	0.1910	0.1875
10	64QAM	25	12	22.20	22.33	22.13	0.1866	0.1923	0.1837
10	64QAM	25	25	22.18	22.27	22.20	0.1858	0.1897	0.1866
10	64QAM	50	0	22.24	22.25	22.16	0.1884	0.1888	0.1849
Channel				37775	38000	38225	EIRP(W)		
Frequency (MHz)				2572.5	2595	2617.5	L	M	H
5	QPSK	1	0	24.44	24.42	24.29	0.3126	0.3112	0.3020
5	QPSK	1	12	24.14	24.22	24.14	0.2917	0.2972	0.2917
5	QPSK	1	24	24.05	24.13	23.90	0.2858	0.2911	0.2761
5	QPSK	12	0	23.65	23.60	23.58	0.2606	0.2576	0.2564
5	QPSK	12	7	23.56	23.57	23.55	0.2553	0.2559	0.2547
5	QPSK	12	13	23.32	23.41	23.31	0.2415	0.2466	0.2410
5	QPSK	25	0	23.46	23.55	23.38	0.2495	0.2547	0.2449
5	16QAM	1	0	24.08	24.29	24.12	0.2877	0.3020	0.2904
5	16QAM	1	12	24.17	24.24	24.13	0.2938	0.2985	0.2911
5	16QAM	1	24	23.95	24.01	23.87	0.2793	0.2831	0.2742



5	16QAM	12	0	23.24	23.26	23.19	0.2371	0.2382	0.2344
5	16QAM	12	7	23.19	23.30	23.17	0.2344	0.2404	0.2333
5	16QAM	12	13	23.18	23.25	23.25	0.2339	0.2377	0.2377
5	16QAM	25	0	23.21	23.19	23.15	0.2355	0.2344	0.2323
5	64QAM	1	0	22.49	22.64	22.64	0.1995	0.2065	0.2065
5	64QAM	1	12	22.23	22.47	22.29	0.1879	0.1986	0.1905
5	64QAM	1	24	22.37	22.31	22.34	0.1941	0.1914	0.1928
5	64QAM	12	0	22.30	22.35	22.24	0.1910	0.1932	0.1884
5	64QAM	12	7	22.16	22.31	22.08	0.1849	0.1914	0.1816
5	64QAM	12	13	22.15	22.28	22.09	0.1845	0.1901	0.1820
5	64QAM	25	0	22.33	22.30	22.16	0.1923	0.1910	0.1849

LTE Band 41_ANT13:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				39750	40620	41490			
Frequency (MHz)				2506	2593	2680	L	M	H
20	QPSK	1	0	24.50	24.57	24.11	0.3296	0.3350	0.3013
20	QPSK	1	49	24.03	24.11	24.07	0.2958	0.3013	0.2985
20	QPSK	1	99	24.00	24.01	23.99	0.2938	0.2944	0.2931
20	QPSK	50	0	23.72	23.77	23.76	0.2754	0.2786	0.2780
20	QPSK	50	24	23.53	23.68	23.57	0.2636	0.2729	0.2661
20	QPSK	50	50	23.59	23.62	23.47	0.2673	0.2692	0.2600
20	QPSK	100	0	23.47	23.60	23.49	0.2600	0.2679	0.2612
20	16QAM	1	0	24.28	24.31	24.16	0.3133	0.3155	0.3048
20	16QAM	1	49	24.02	24.09	24.05	0.2951	0.2999	0.2972
20	16QAM	1	99	23.87	23.90	23.87	0.2851	0.2871	0.2851
20	16QAM	50	0	23.38	23.42	23.30	0.2547	0.2570	0.2500
20	16QAM	50	24	23.25	23.35	23.34	0.2472	0.2529	0.2523
20	16QAM	50	50	23.10	23.24	23.22	0.2388	0.2466	0.2455
20	16QAM	100	0	23.31	23.38	23.24	0.2506	0.2547	0.2466
20	64QAM	1	0	23.22	23.29	23.19	0.2455	0.2495	0.2438
20	64QAM	1	49	23.02	23.07	23.06	0.2344	0.2371	0.2366
20	64QAM	1	99	22.96	23.02	22.99	0.2312	0.2344	0.2328
20	64QAM	50	0	22.35	22.46	22.41	0.2009	0.2061	0.2037
20	64QAM	50	24	22.44	22.46	22.42	0.2051	0.2061	0.2042
20	64QAM	50	50	22.33	22.36	22.22	0.2000	0.2014	0.1950
20	64QAM	100	0	22.31	22.38	22.23	0.1991	0.2023	0.1954
Channel				39725	40620	41515	EIRP(W)		
Frequency (MHz)				2503.5	2593	2682.5	L	M	H
15	QPSK	1	0	24.38	24.56	24.00	0.3206	0.3342	0.2938
15	QPSK	1	37	23.96	24.06	24.03	0.2911	0.2979	0.2958
15	QPSK	1	74	23.87	23.87	23.94	0.2851	0.2851	0.2897
15	QPSK	36	0	23.65	23.68	23.70	0.2710	0.2729	0.2742
15	QPSK	36	20	23.39	23.62	23.56	0.2553	0.2692	0.2655
15	QPSK	36	39	23.56	23.56	23.43	0.2655	0.2655	0.2576



15	QPSK	75	0	23.36	23.52	23.36	0.2535	0.2630	0.2535
15	16QAM	1	0	24.23	24.21	24.15	0.3097	0.3083	0.3041
15	16QAM	1	37	23.93	23.97	23.96	0.2891	0.2917	0.2911
15	16QAM	1	74	23.86	23.76	23.76	0.2844	0.2780	0.2780
15	16QAM	36	0	23.29	23.41	23.25	0.2495	0.2564	0.2472
15	16QAM	36	20	23.20	23.34	23.33	0.2443	0.2523	0.2518
15	16QAM	36	39	22.97	23.21	23.09	0.2317	0.2449	0.2382
15	16QAM	75	0	23.24	23.23	23.13	0.2466	0.2460	0.2404
15	64QAM	1	0	23.20	23.27	23.05	0.2443	0.2483	0.2360
15	64QAM	1	37	22.98	23.01	22.97	0.2323	0.2339	0.2317
15	64QAM	1	74	22.93	22.93	22.94	0.2296	0.2296	0.2301
15	64QAM	36	0	22.22	22.42	22.30	0.1950	0.2042	0.1986
15	64QAM	36	20	22.40	22.35	22.34	0.2032	0.2009	0.2004
15	64QAM	36	39	22.18	22.24	22.15	0.1932	0.1959	0.1919
15	64QAM	75	0	22.19	22.25	22.20	0.1936	0.1963	0.1941
Channel				39700	40620	41540	EIRP(W)		
Frequency (MHz)				2501	2593	2685	L	M	H
10	QPSK	1	0	24.45	24.49	24.05	0.3258	0.3289	0.2972
10	QPSK	1	25	24.02	23.96	24.01	0.2951	0.2911	0.2944
10	QPSK	1	49	23.95	23.91	23.85	0.2904	0.2877	0.2838
10	QPSK	25	0	23.61	23.65	23.61	0.2685	0.2710	0.2685
10	QPSK	25	12	23.45	23.62	23.51	0.2588	0.2692	0.2624
10	QPSK	25	25	23.55	23.49	23.39	0.2649	0.2612	0.2553
10	QPSK	50	0	23.37	23.55	23.47	0.2541	0.2649	0.2600
10	16QAM	1	0	24.19	24.20	24.12	0.3069	0.3076	0.3020
10	16QAM	1	25	23.89	24.04	23.96	0.2864	0.2965	0.2911
10	16QAM	1	49	23.77	23.76	23.75	0.2786	0.2780	0.2773
10	16QAM	25	0	23.37	23.34	23.23	0.2541	0.2523	0.2460
10	16QAM	25	12	23.16	23.22	23.31	0.2421	0.2455	0.2506
10	16QAM	25	25	22.98	23.16	23.11	0.2323	0.2421	0.2393
10	16QAM	50	0	23.22	23.31	23.23	0.2455	0.2506	0.2460
10	64QAM	1	0	23.17	23.20	23.16	0.2427	0.2443	0.2421
10	64QAM	1	25	22.97	22.96	22.97	0.2317	0.2312	0.2317
10	64QAM	1	49	22.87	22.89	22.98	0.2265	0.2275	0.2323
10	64QAM	25	0	22.23	22.37	22.40	0.1954	0.2018	0.2032
10	64QAM	25	12	22.29	22.45	22.34	0.1982	0.2056	0.2004
10	64QAM	25	25	22.18	22.33	22.18	0.1932	0.2000	0.1932
10	64QAM	50	0	22.28	22.35	22.22	0.1977	0.2009	0.1950
Channel				39675	40620	41565	EIRP(W)		
Frequency (MHz)				2498.5	2593	2687.5	L	M	H
5	QPSK	1	0	24.44	24.56	23.97	0.3251	0.3342	0.2917
5	QPSK	1	12	23.96	24.10	24.00	0.2911	0.3006	0.2938
5	QPSK	1	24	23.98	23.99	23.90	0.2924	0.2931	0.2871
5	QPSK	12	0	23.68	23.76	23.64	0.2729	0.2780	0.2704
5	QPSK	12	7	23.38	23.59	23.48	0.2547	0.2673	0.2606
5	QPSK	12	13	23.54	23.60	23.44	0.2642	0.2679	0.2582
5	QPSK	25	0	23.35	23.50	23.41	0.2529	0.2618	0.2564
5	16QAM	1	0	24.24	24.19	24.13	0.3105	0.3069	0.3027



5	16QAM	1	12	23.94	23.95	23.91	0.2897	0.2904	0.2877
5	16QAM	1	24	23.73	23.81	23.84	0.2761	0.2812	0.2831
5	16QAM	12	0	23.23	23.36	23.25	0.2460	0.2535	0.2472
5	16QAM	12	7	23.18	23.26	23.22	0.2432	0.2477	0.2455
5	16QAM	12	13	23.01	23.11	23.19	0.2339	0.2393	0.2438
5	16QAM	25	0	23.16	23.28	23.12	0.2421	0.2489	0.2399
5	64QAM	1	0	23.20	23.21	23.08	0.2443	0.2449	0.2377
5	64QAM	1	12	23.01	22.94	23.02	0.2339	0.2301	0.2344
5	64QAM	1	24	22.91	23.00	22.89	0.2286	0.2333	0.2275
5	64QAM	12	0	22.28	22.36	22.28	0.1977	0.2014	0.1977
5	64QAM	12	7	22.32	22.36	22.28	0.1995	0.2014	0.1977
5	64QAM	12	13	22.20	22.22	22.17	0.1941	0.1950	0.1928
5	64QAM	25	0	22.28	22.36	22.18	0.1977	0.2014	0.1932

LTE Band 66_ANT13:

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	24.05	24.14	24.05	0.1726	0.1762	0.1726
20	QPSK	1	49	23.94	23.97	23.90	0.1683	0.1694	0.1667
20	QPSK	1	99	23.81	23.96	23.81	0.1633	0.1690	0.1633
20	QPSK	50	0	23.45	23.49	23.42	0.1503	0.1517	0.1493
20	QPSK	50	24	23.41	23.42	23.30	0.1489	0.1493	0.1452
20	QPSK	50	50	23.30	23.37	23.25	0.1452	0.1476	0.1435
20	QPSK	100	0	23.32	23.44	23.32	0.1459	0.1500	0.1459
20	16QAM	1	0	23.97	23.99	23.89	0.1694	0.1702	0.1663
20	16QAM	1	49	23.76	23.85	23.76	0.1614	0.1648	0.1614
20	16QAM	1	99	23.85	23.92	23.80	0.1648	0.1675	0.1629
20	16QAM	50	0	22.85	22.92	22.78	0.1309	0.1330	0.1288
20	16QAM	50	24	22.73	22.86	22.78	0.1274	0.1312	0.1288
20	16QAM	50	50	22.78	22.91	22.83	0.1288	0.1327	0.1303
20	16QAM	100	0	22.78	22.86	22.84	0.1288	0.1312	0.1306
20	64QAM	1	0	22.71	22.85	22.76	0.1268	0.1309	0.1282
20	64QAM	1	49	22.88	22.89	22.80	0.1318	0.1321	0.1294
20	64QAM	1	99	22.91	22.98	22.92	0.1327	0.1349	0.1330
20	64QAM	50	0	21.89	21.92	21.79	0.1050	0.1057	0.1026
20	64QAM	50	24	21.87	21.97	21.94	0.1045	0.1069	0.1062
20	64QAM	50	50	21.90	21.98	21.91	0.1052	0.1072	0.1054
20	64QAM	100	0	21.84	21.87	21.82	0.1038	0.1045	0.1033
Channel				132047	132322	132597	EIRP(W)		
Frequency (MHz)				1717.5	1745	1772.5	L	M	H
15	QPSK	1	0	24.03	24.05	24.03	0.1718	0.1726	0.1718
15	QPSK	1	37	23.86	23.83	23.89	0.1652	0.1641	0.1663
15	QPSK	1	74	23.77	23.94	23.68	0.1618	0.1683	0.1585



15	QPSK	36	0	23.38	23.38	23.29	0.1479	0.1479	0.1449
15	QPSK	36	20	23.36	23.37	23.27	0.1472	0.1476	0.1442
15	QPSK	36	39	23.23	23.30	23.19	0.1429	0.1452	0.1416
15	QPSK	75	0	23.17	23.41	23.22	0.1409	0.1489	0.1426
15	16QAM	1	0	23.96	23.90	23.81	0.1690	0.1667	0.1633
15	16QAM	1	37	23.69	23.72	23.64	0.1589	0.1600	0.1570
15	16QAM	1	74	23.73	23.80	23.78	0.1603	0.1629	0.1622
15	16QAM	36	0	22.75	22.83	22.70	0.1279	0.1303	0.1265
15	16QAM	36	20	22.58	22.72	22.72	0.1230	0.1271	0.1271
15	16QAM	36	39	22.72	22.84	22.78	0.1271	0.1306	0.1288
15	16QAM	75	0	22.63	22.71	22.70	0.1245	0.1268	0.1265
15	64QAM	1	0	22.59	22.84	22.69	0.1233	0.1306	0.1262
15	64QAM	1	37	22.77	22.76	22.69	0.1285	0.1282	0.1262
15	64QAM	1	74	22.76	22.87	22.78	0.1282	0.1315	0.1288
15	64QAM	36	0	21.87	21.78	21.70	0.1045	0.1023	0.1005
15	64QAM	36	20	21.80	21.91	21.88	0.1028	0.1054	0.1047
15	64QAM	36	39	21.82	21.83	21.87	0.1033	0.1035	0.1045
15	64QAM	75	0	21.79	21.76	21.75	0.1026	0.1019	0.1016
Channel				132022	132322	132622	EIRP(W)		
Frequency (MHz)				1715	1745	1775	L	M	H
10	QPSK	1	0	23.93	24.04	23.97	0.1679	0.1722	0.1694
10	QPSK	1	25	23.90	23.95	23.75	0.1667	0.1687	0.1611
10	QPSK	1	49	23.72	23.92	23.68	0.1600	0.1675	0.1585
10	QPSK	25	0	23.33	23.41	23.27	0.1462	0.1489	0.1442
10	QPSK	25	12	23.36	23.37	23.16	0.1472	0.1476	0.1406
10	QPSK	25	25	23.20	23.35	23.24	0.1419	0.1469	0.1432
10	QPSK	50	0	23.22	23.39	23.30	0.1426	0.1483	0.1452
10	16QAM	1	0	23.82	23.98	23.74	0.1637	0.1698	0.1607
10	16QAM	1	25	23.73	23.78	23.67	0.1603	0.1622	0.1581
10	16QAM	1	49	23.84	23.87	23.68	0.1644	0.1656	0.1585
10	16QAM	25	0	22.79	22.87	22.66	0.1291	0.1315	0.1253
10	16QAM	25	12	22.67	22.72	22.73	0.1256	0.1271	0.1274
10	16QAM	25	25	22.63	22.78	22.81	0.1245	0.1288	0.1297
10	16QAM	50	0	22.63	22.76	22.82	0.1245	0.1282	0.1300
10	64QAM	1	0	22.65	22.76	22.70	0.1250	0.1282	0.1265
10	64QAM	1	25	22.75	22.79	22.66	0.1279	0.1291	0.1253
10	64QAM	1	49	22.76	22.95	22.85	0.1282	0.1340	0.1309
10	64QAM	25	0	21.79	21.81	21.76	0.1026	0.1030	0.1019
10	64QAM	25	12	21.75	21.90	21.85	0.1016	0.1052	0.1040
10	64QAM	25	25	21.75	21.93	21.77	0.1016	0.1059	0.1021
10	64QAM	50	0	21.83	21.81	21.78	0.1035	0.1030	0.1023
Channel				131997	132322	132647	EIRP(W)		
Frequency (MHz)				1712.5	1745	1777.5	L	M	H
5	QPSK	1	0	23.91	24.00	23.96	0.1671	0.1706	0.1690
5	QPSK	1	12	23.86	23.93	23.84	0.1652	0.1679	0.1644
5	QPSK	1	24	23.71	23.89	23.68	0.1596	0.1663	0.1585
5	QPSK	12	0	23.30	23.45	23.38	0.1452	0.1503	0.1479



5	QPSK	12	7	23.36	23.28	23.15	0.1472	0.1445	0.1403
5	QPSK	12	13	23.20	23.33	23.11	0.1419	0.1462	0.1390
5	QPSK	25	0	23.23	23.36	23.24	0.1429	0.1472	0.1432
5	16QAM	1	0	23.93	23.86	23.86	0.1679	0.1652	0.1652
5	16QAM	1	12	23.66	23.82	23.70	0.1578	0.1637	0.1592
5	16QAM	1	24	23.81	23.91	23.68	0.1633	0.1671	0.1585
5	16QAM	12	0	22.81	22.90	22.73	0.1297	0.1324	0.1274
5	16QAM	12	7	22.60	22.79	22.68	0.1236	0.1291	0.1259
5	16QAM	12	13	22.64	22.88	22.75	0.1247	0.1318	0.1279
5	16QAM	25	0	22.65	22.71	22.75	0.1250	0.1268	0.1279
5	64QAM	1	0	22.68	22.77	22.69	0.1259	0.1285	0.1262
5	64QAM	1	12	22.81	22.85	22.65	0.1297	0.1309	0.1250
5	64QAM	1	24	22.89	22.91	22.81	0.1321	0.1327	0.1297
5	64QAM	12	0	21.75	21.78	21.64	0.1016	0.1023	0.0991
5	64QAM	12	7	21.77	21.93	21.83	0.1021	0.1059	0.1035
5	64QAM	12	13	21.81	21.88	21.82	0.1030	0.1047	0.1033
5	64QAM	25	0	21.79	21.81	21.69	0.1026	0.1030	0.1002
Channel				131987	132322	132657	EIRP(W)		
Frequency (MHz)				1711.5	1745	1778.5	L	M	H
3	QPSK	1	0	23.98	24.03	24.04	0.1698	0.1718	0.1722
3	QPSK	1	8	23.83	23.91	23.79	0.1641	0.1671	0.1626
3	QPSK	1	14	23.76	23.90	23.80	0.1614	0.1667	0.1629
3	QPSK	8	0	23.42	23.44	23.34	0.1493	0.1500	0.1466
3	QPSK	8	4	23.30	23.41	23.25	0.1452	0.1489	0.1435
3	QPSK	8	7	23.16	23.25	23.24	0.1406	0.1435	0.1432
3	QPSK	15	0	23.28	23.34	23.29	0.1445	0.1466	0.1449
3	16QAM	1	0	23.83	23.95	23.83	0.1641	0.1687	0.1641
3	16QAM	1	8	23.63	23.78	23.62	0.1567	0.1622	0.1563
3	16QAM	1	14	23.74	23.80	23.69	0.1607	0.1629	0.1589
3	16QAM	8	0	22.83	22.82	22.70	0.1303	0.1300	0.1265
3	16QAM	8	4	22.69	22.78	22.71	0.1262	0.1288	0.1268
3	16QAM	8	7	22.76	22.84	22.80	0.1282	0.1306	0.1294
3	16QAM	15	0	22.65	22.71	22.76	0.1250	0.1268	0.1282
3	64QAM	1	0	22.67	22.71	22.61	0.1256	0.1268	0.1239
3	64QAM	1	8	22.79	22.77	22.71	0.1291	0.1285	0.1268
3	64QAM	1	14	22.84	22.89	22.88	0.1306	0.1321	0.1318
3	64QAM	8	0	21.81	21.91	21.70	0.1030	0.1054	0.1005
3	64QAM	8	4	21.73	21.83	21.92	0.1012	0.1035	0.1057
3	64QAM	8	7	21.89	21.89	21.77	0.1050	0.1050	0.1021
3	64QAM	15	0	21.79	21.79	21.73	0.1026	0.1026	0.1012
Channel				131979	132322	132665	EIRP(W)		
Frequency (MHz)				1710.7	1745	1779.3	L	M	H
1.4	QPSK	1	0	24.02	24.10	23.93	0.1714	0.1746	0.1679
1.4	QPSK	1	3	23.91	23.85	23.79	0.1671	0.1648	0.1626
1.4	QPSK	1	5	23.71	23.93	23.80	0.1596	0.1679	0.1629
1.4	QPSK	3	0	23.95	24.08	23.94	0.1687	0.1738	0.1683
1.4	QPSK	3	1	23.92	23.90	23.84	0.1675	0.1667	0.1644



1.4	QPSK	3	3	23.78	23.95	23.79	0.1622	0.1687	0.1626
1.4	QPSK	6	0	23.20	23.40	23.21	0.1419	0.1486	0.1422
1.4	16QAM	1	0	23.87	23.90	23.85	0.1656	0.1667	0.1648
1.4	16QAM	1	3	23.70	23.81	23.65	0.1592	0.1633	0.1574
1.4	16QAM	1	5	23.74	23.91	23.68	0.1607	0.1671	0.1585
1.4	16QAM	3	0	23.89	23.95	23.80	0.1663	0.1687	0.1629
1.4	16QAM	3	1	23.67	23.77	23.64	0.1581	0.1618	0.1570
1.4	16QAM	3	3	23.78	23.91	23.70	0.1622	0.1671	0.1592
1.4	16QAM	6	0	22.67	22.76	22.81	0.1256	0.1282	0.1297
1.4	64QAM	1	0	22.69	22.72	22.70	0.1262	0.1271	0.1265
1.4	64QAM	1	3	22.75	22.77	22.75	0.1279	0.1285	0.1279
1.4	64QAM	1	5	22.77	22.95	22.82	0.1285	0.1340	0.1300
1.4	64QAM	3	0	22.67	22.79	22.73	0.1256	0.1291	0.1274
1.4	64QAM	3	1	22.72	22.73	22.78	0.1271	0.1274	0.1288
1.4	64QAM	3	3	22.61	22.82	22.65	0.1239	0.1300	0.1250
1.4	64QAM	6	0	21.76	21.76	21.67	0.1019	0.1019	0.0998



LTE Band 2

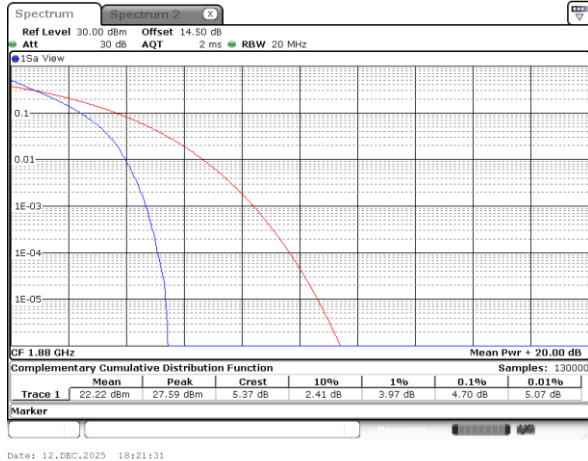
Peak-to-Average Ratio

Mode	LTE Band 2 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.70	5.30	5.83	PASS



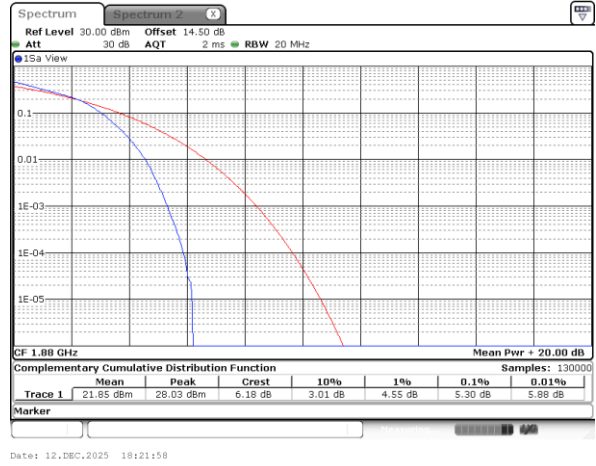
LTE Band 2 / 20MHz / QPSK

Middle Channel / Full RB



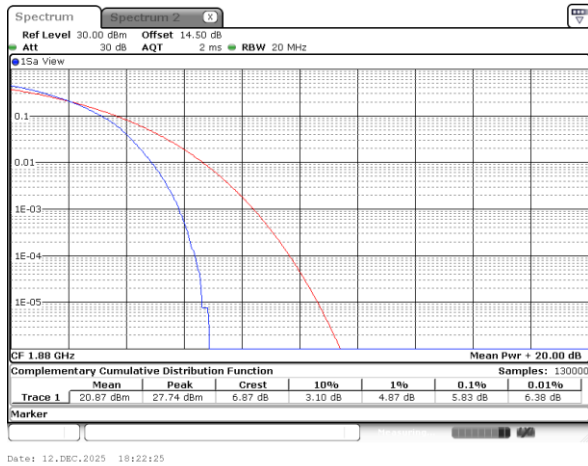
LTE Band 2 / 20MHz / 16QAM

Middle Channel / Full RB



LTE Band 2 / 20MHz / 64QAM

Middle Channel / Full RB





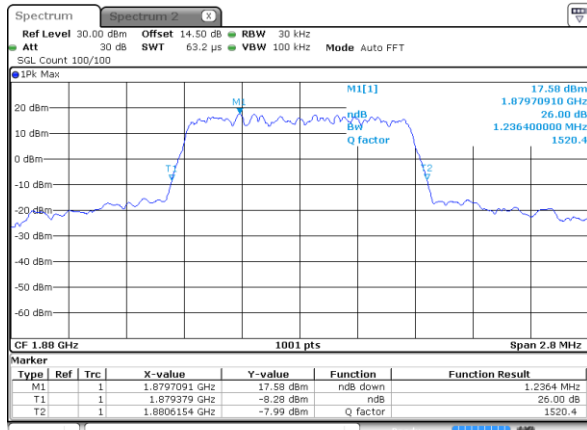
26dB Bandwidth

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	1.24	1.24	3.07	3.08	4.95	4.93	9.83	9.91	14.51	14.51	19.78	19.42

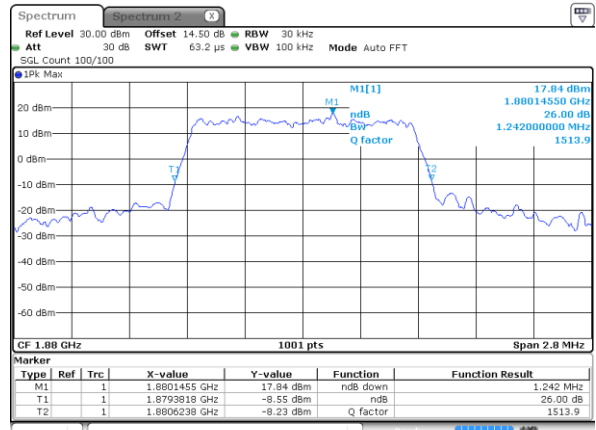


LTE Band 2

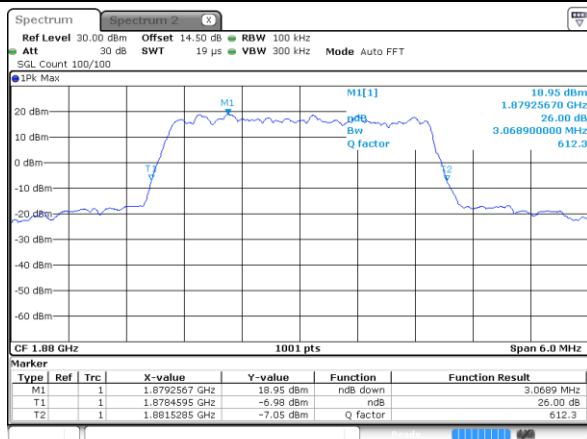
Middle Channel / 1.4MHz / QPSK



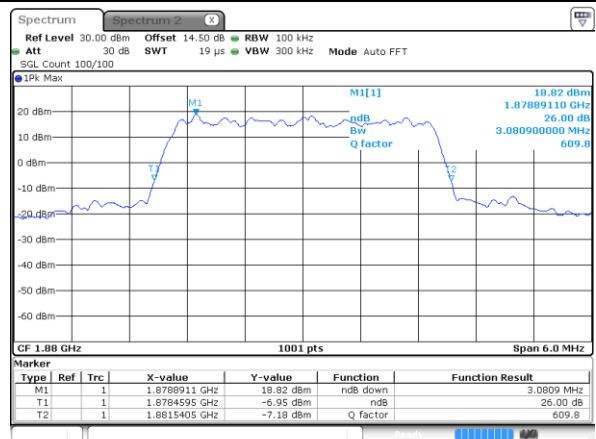
Middle Channel / 1.4MHz / 16QAM



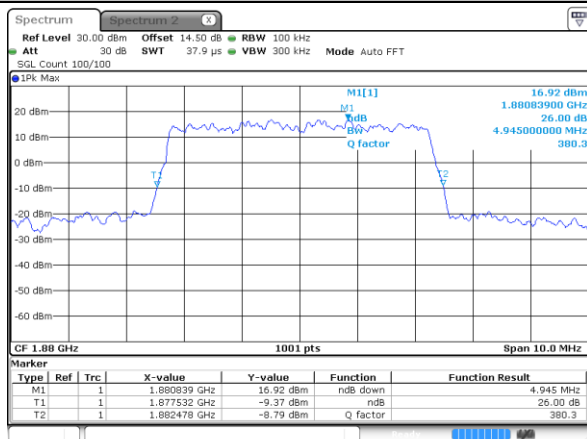
Middle Channel / 3MHz / QPSK



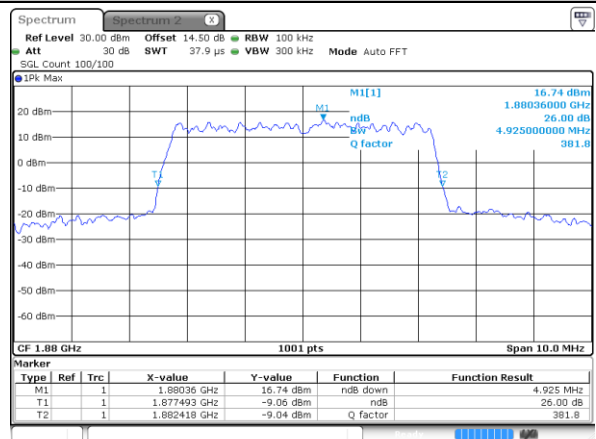
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



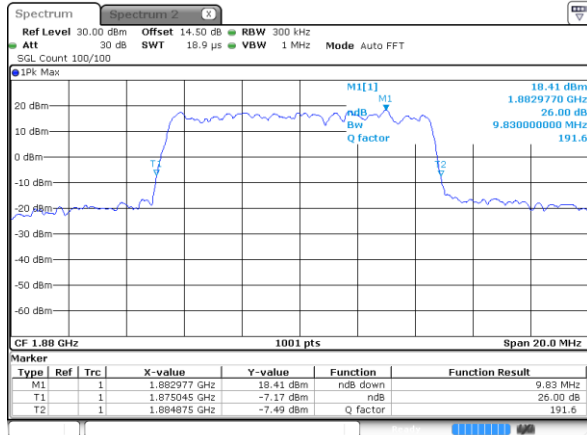
Middle Channel / 5MHz / 16QAM



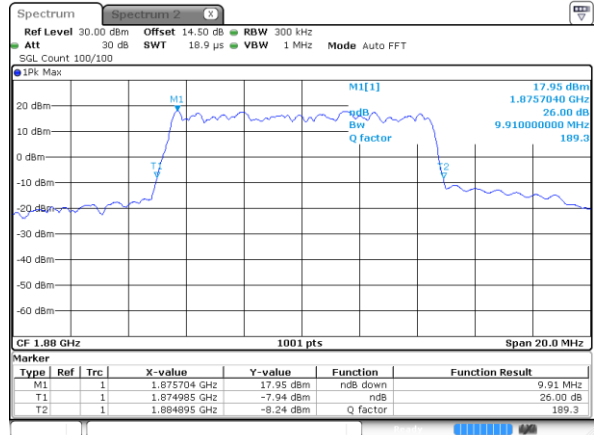


LTE Band 2

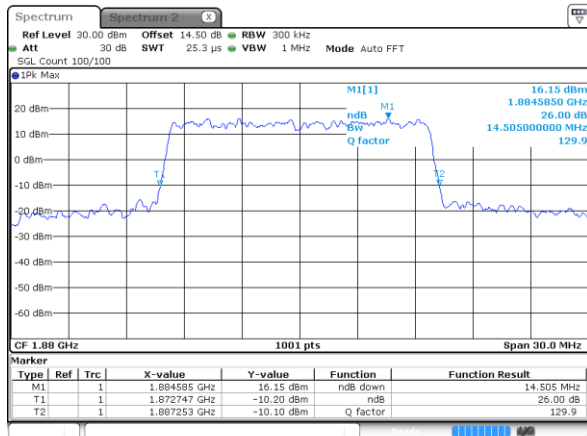
Middle Channel / 10MHz / QPSK



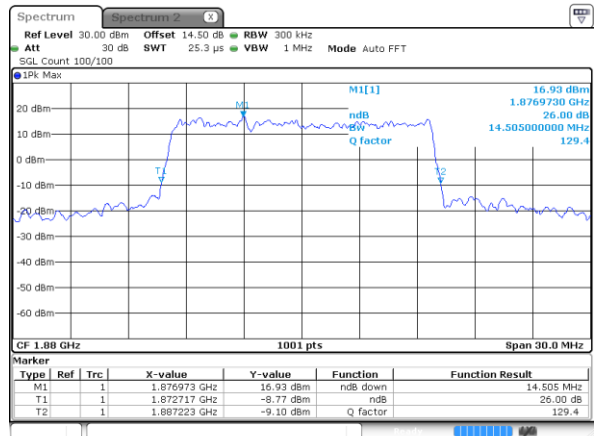
Middle Channel / 10MHz / 16QAM



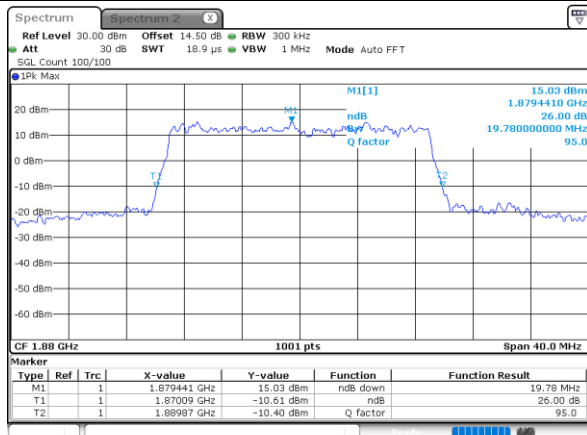
Middle Channel / 15MHz / QPSK



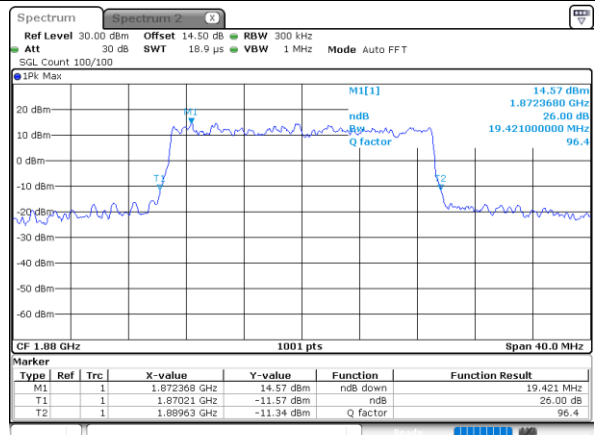
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM





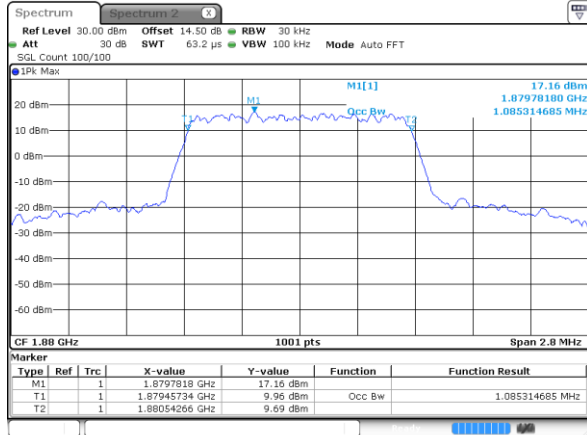
Occupied Bandwidth

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	1.09	2.76	2.72	4.49	4.52	9.07	9.03	13.49	13.46	17.94	17.90

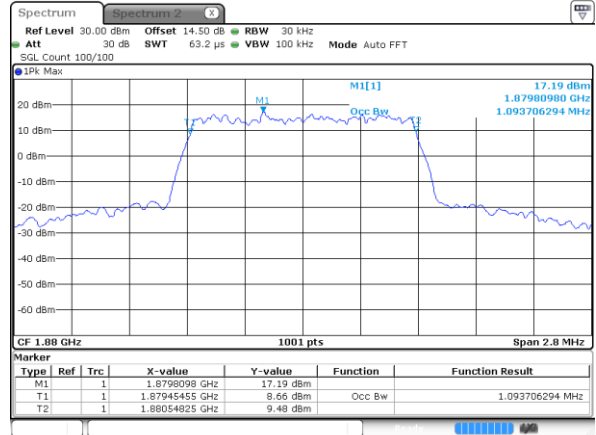


LTE Band 2

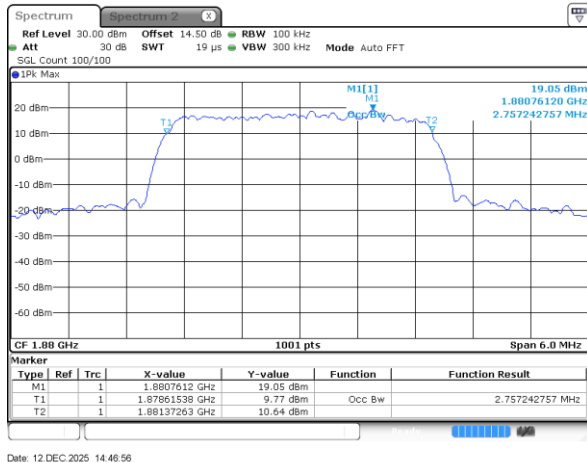
Middle Channel / 1.4MHz / QPSK



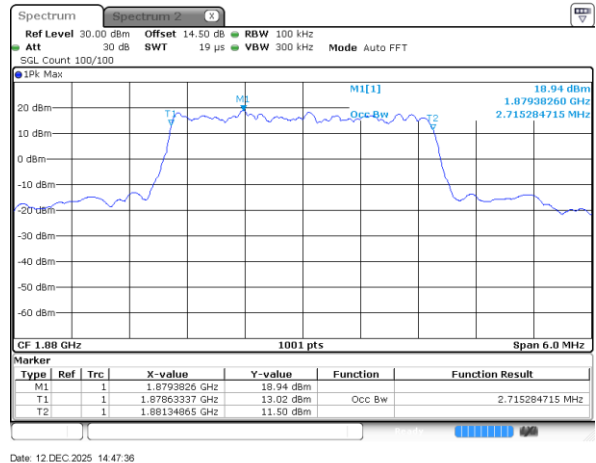
Middle Channel / 1.4MHz / 16QAM



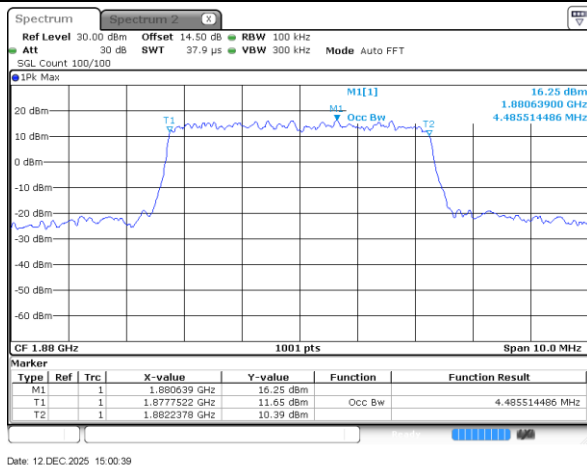
Middle Channel / 3MHz / QPSK



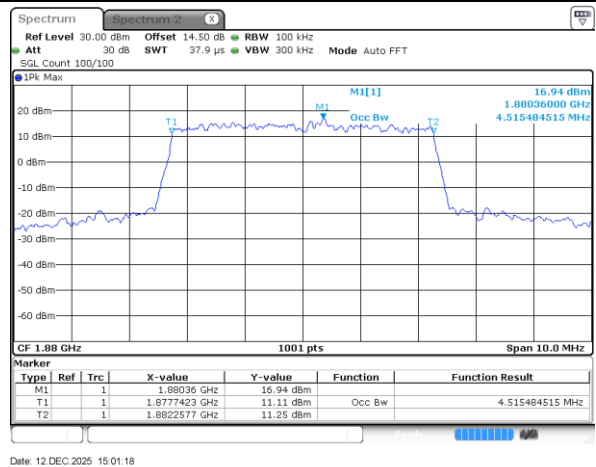
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



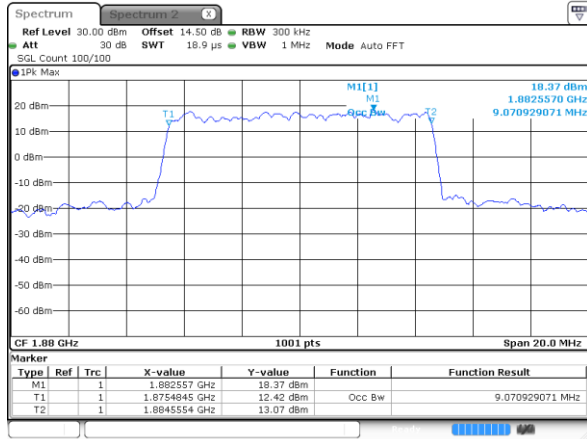
Middle Channel / 5MHz / 16QAM



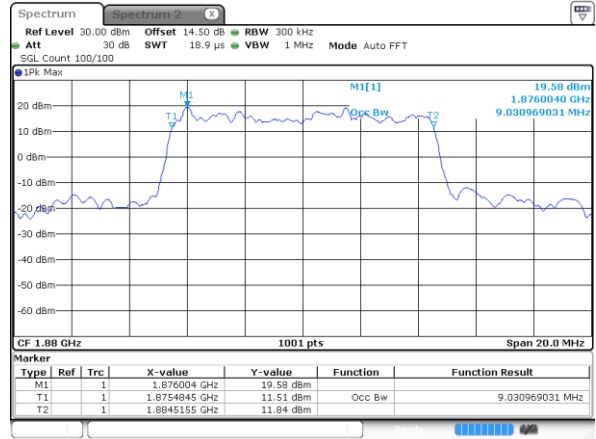


LTE Band 2

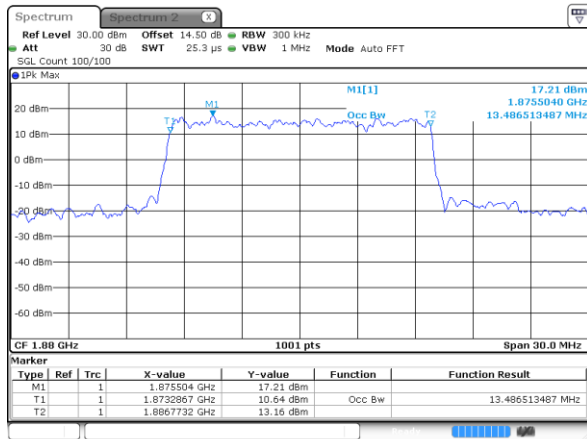
Middle Channel / 10MHz / QPSK



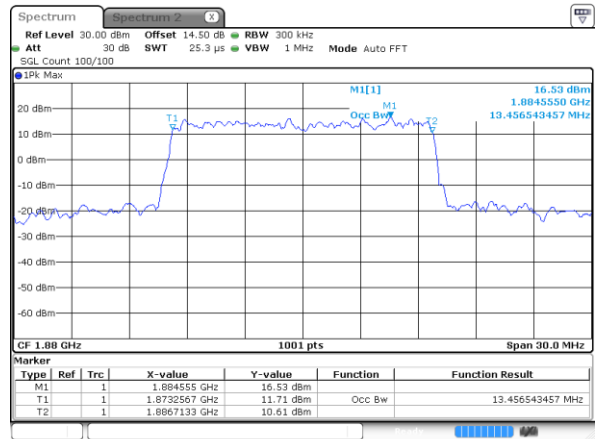
Middle Channel / 10MHz / 16QAM



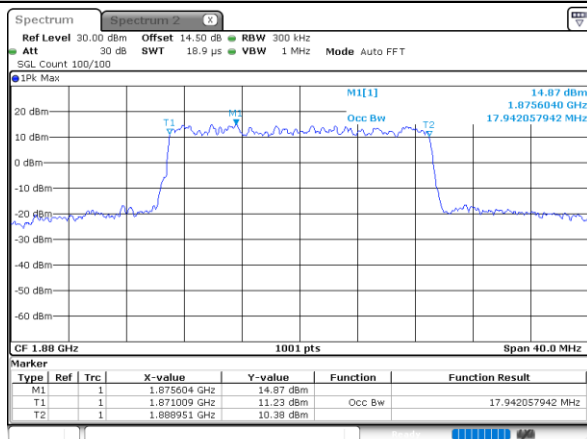
Middle Channel / 15MHz / QPSK



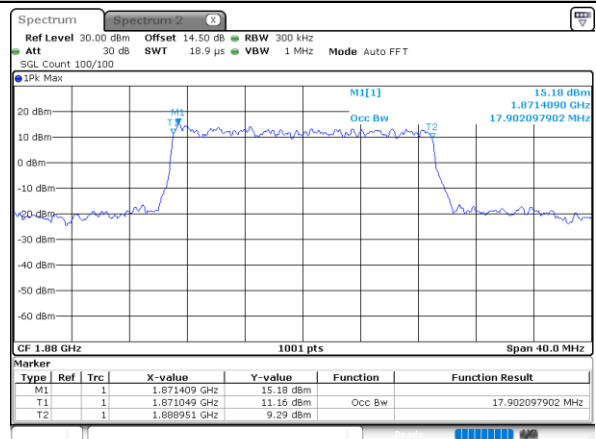
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

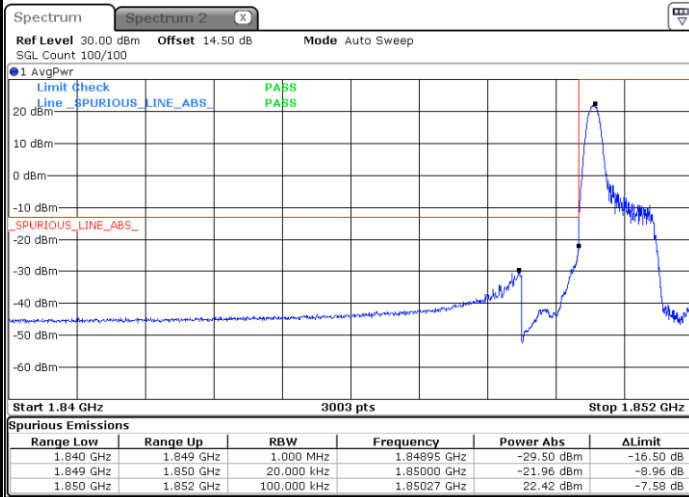




Conducted Band Edge

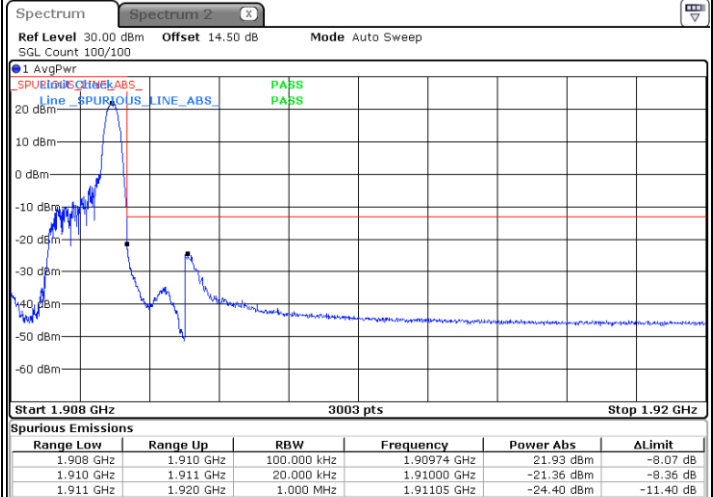
LTE Band 2 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



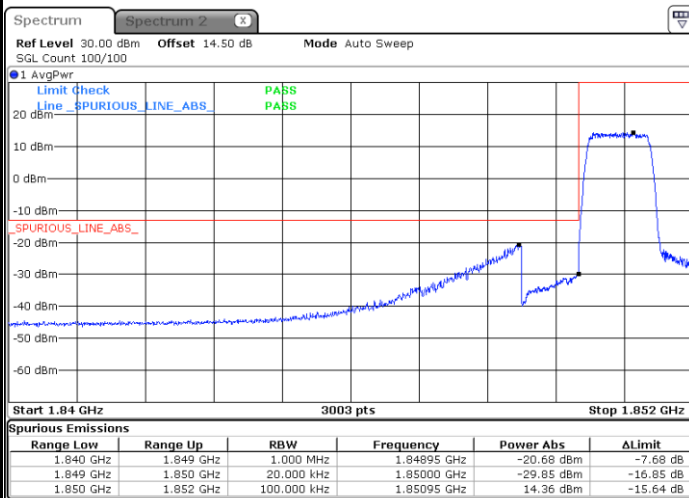
Date: 12 DEC 2025 14:27:02

Highest Band Edge / 1RB



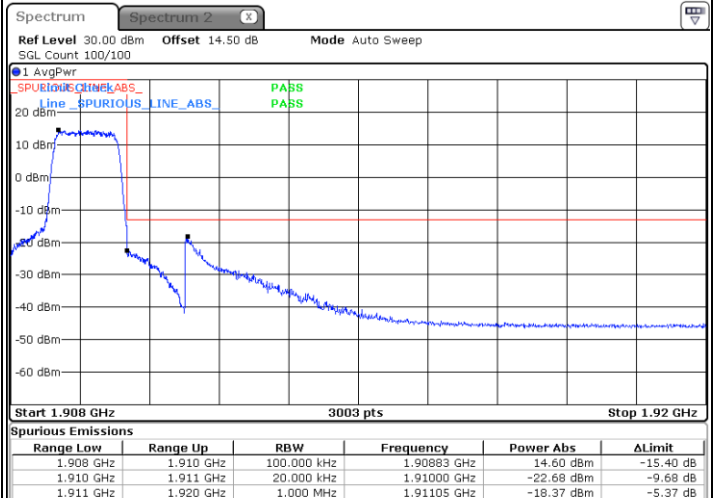
Date: 12 DEC 2025 14:34:46

Lowest Band Edge / Full RB



Date: 12 DEC 2025 14:30:15

Highest Band Edge / Full RB

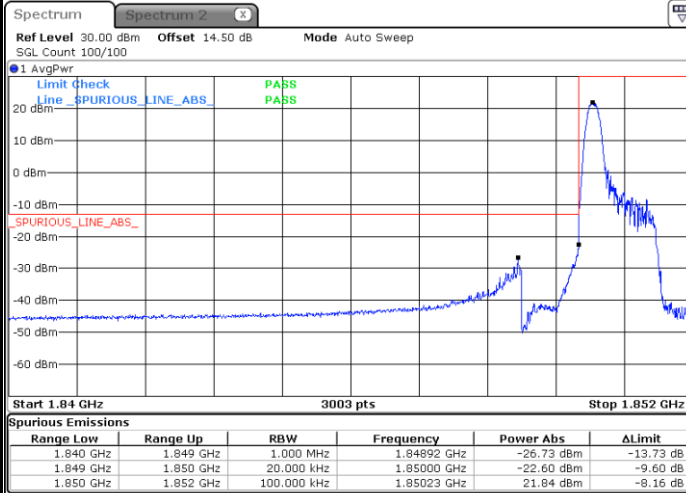


Date: 12 DEC 2025 14:37:59



LTE Band 2 / 1.4MHz / 16QAM

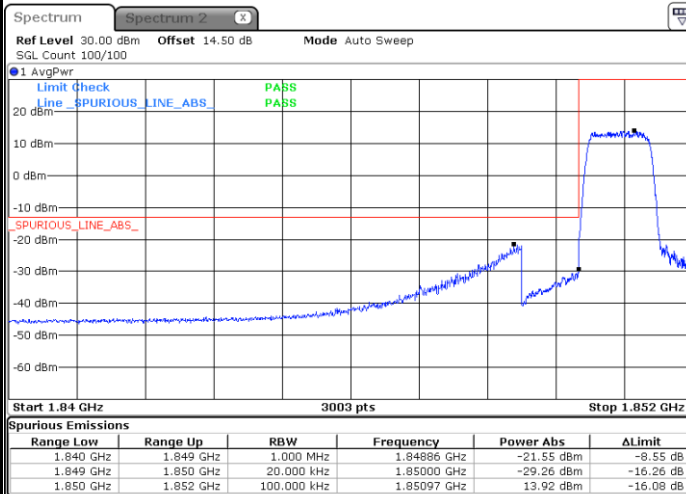
Lowest Band Edge / 1 RB



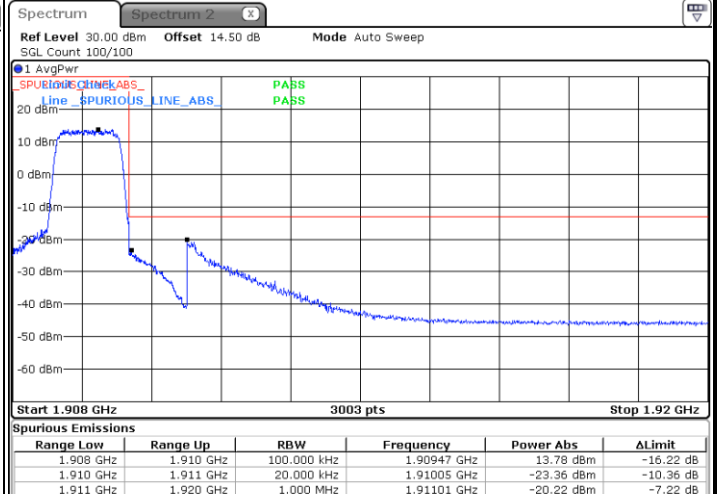
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



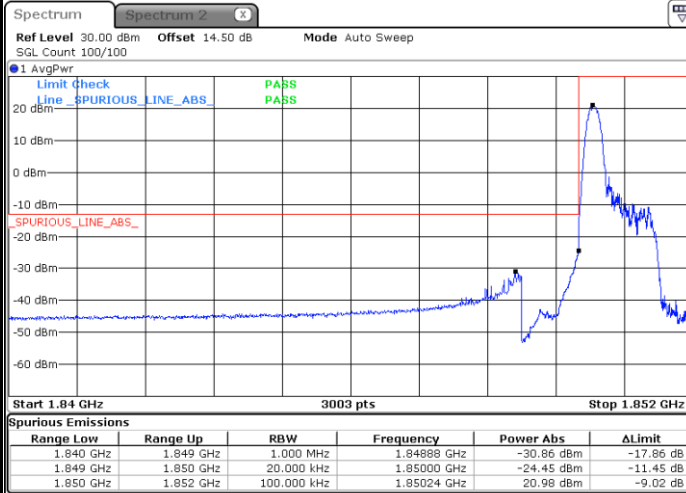
Highest Band Edge / Full RB





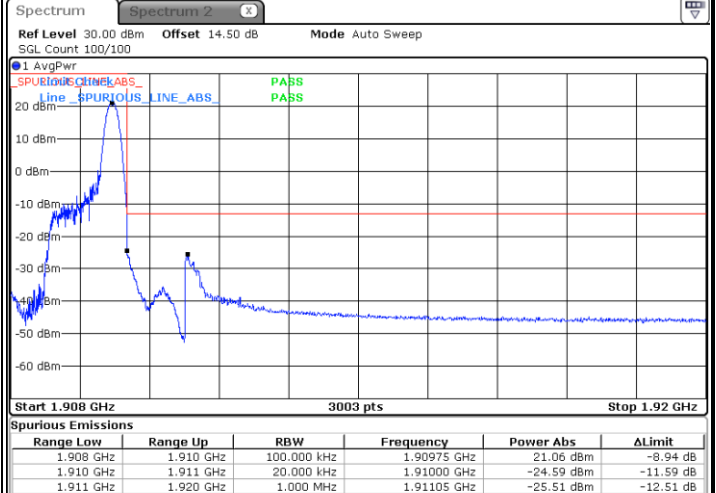
LTE Band 2 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



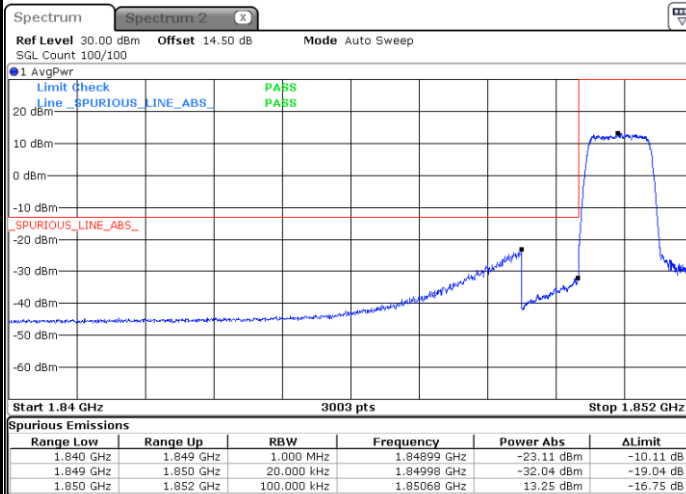
Date: 12 DEC 2025 14:28:24

Highest Band Edge / 1 RB



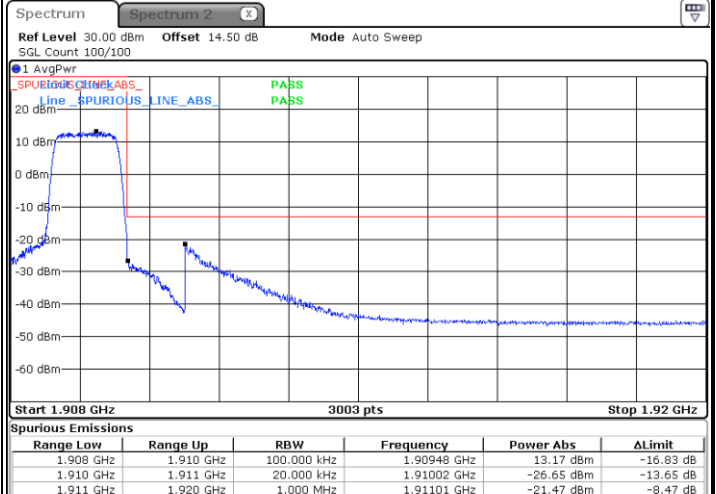
Date: 12 DEC 2025 14:36:08

Lowest Band Edge / Full RB



Date: 12 DEC 2025 14:31:37

Highest Band Edge / Full RB

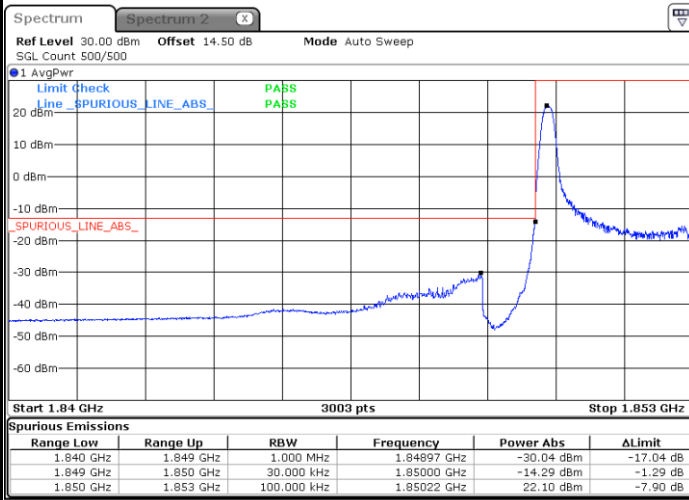


Date: 12 DEC 2025 14:39:21



LTE Band 2 / 3MHz / QPSK

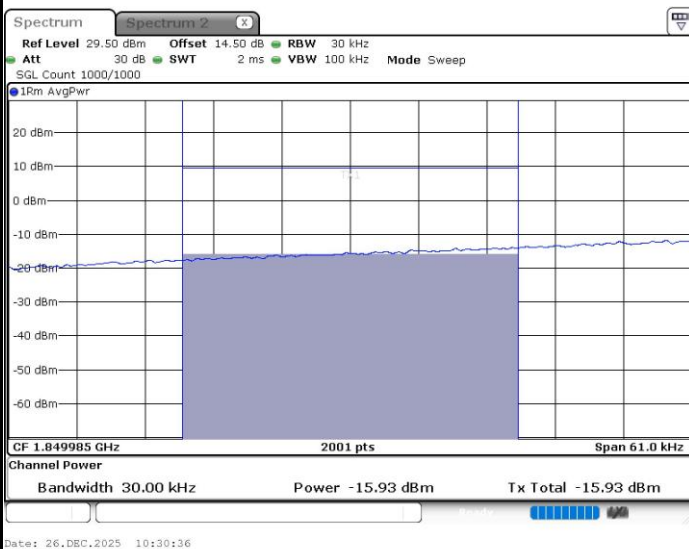
Lowest Band Edge / 1RB



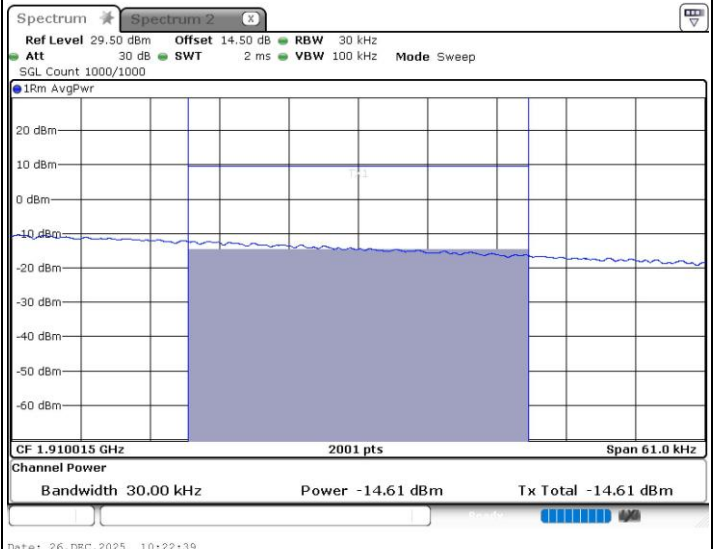
Highest Band Edge / 1RB

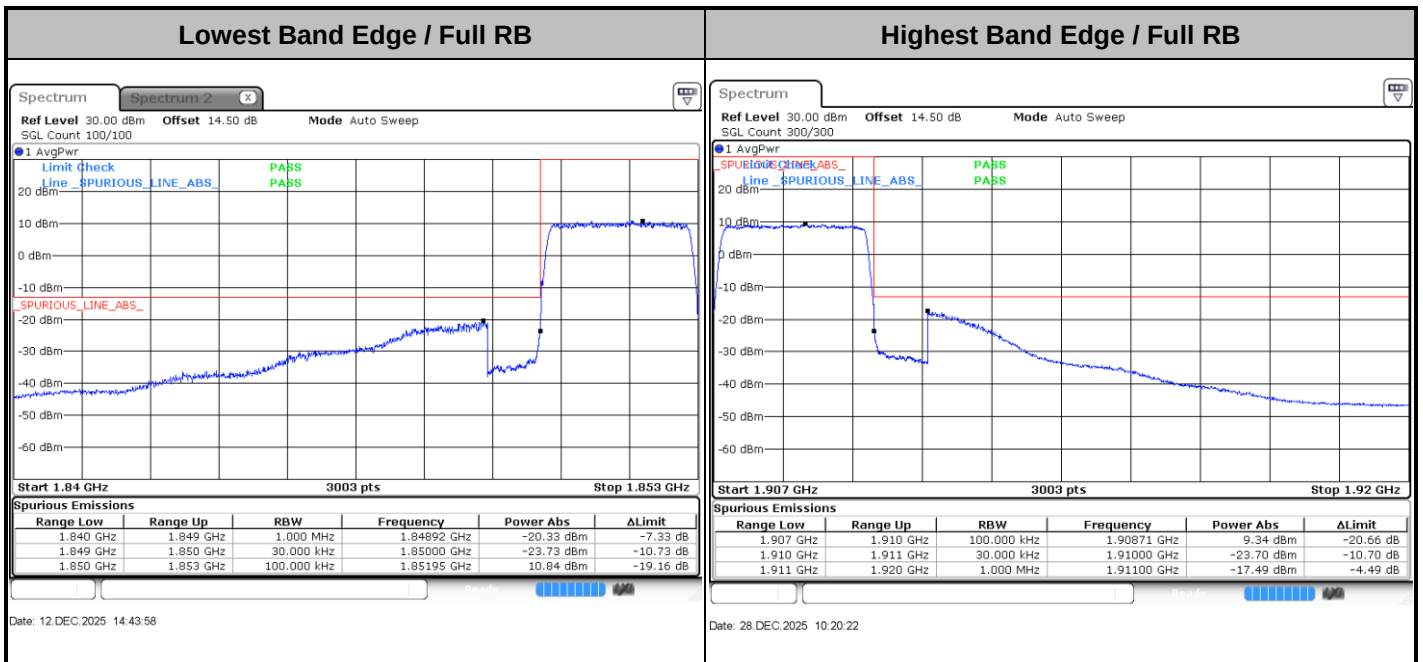


Lowest Band Edge / 1RB-CP



Highest Band Edge / 1RB-CP

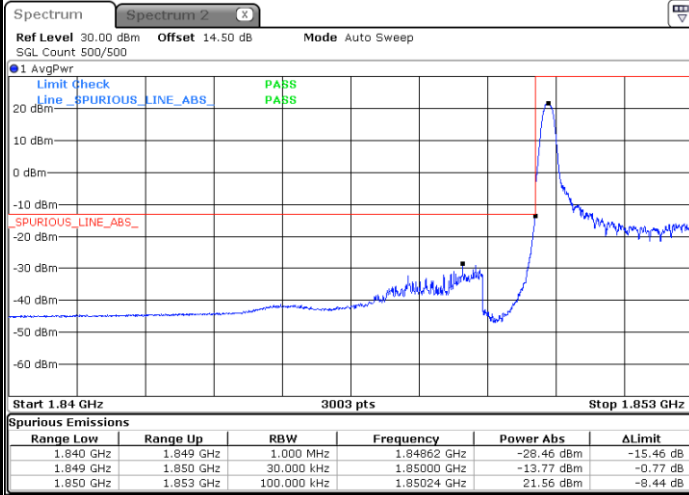




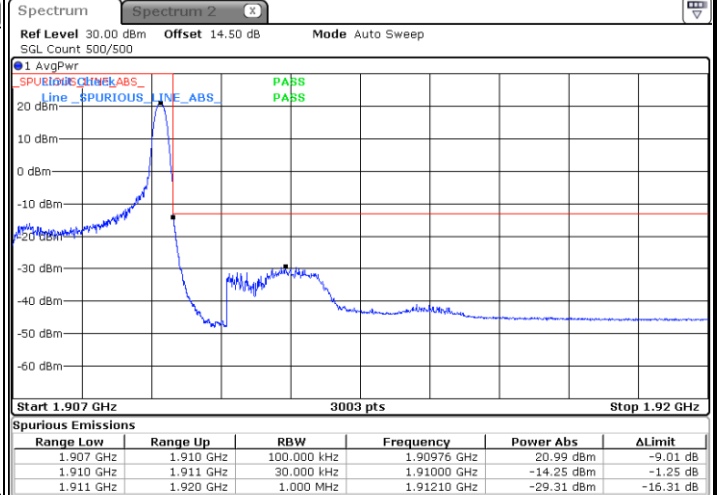


LTE Band 2 / 3MHz / 16QAM

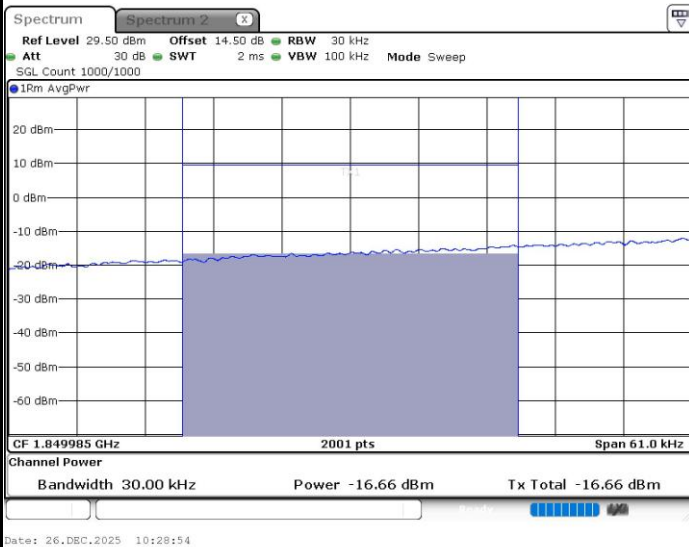
Lowest Band Edge / 1 RB



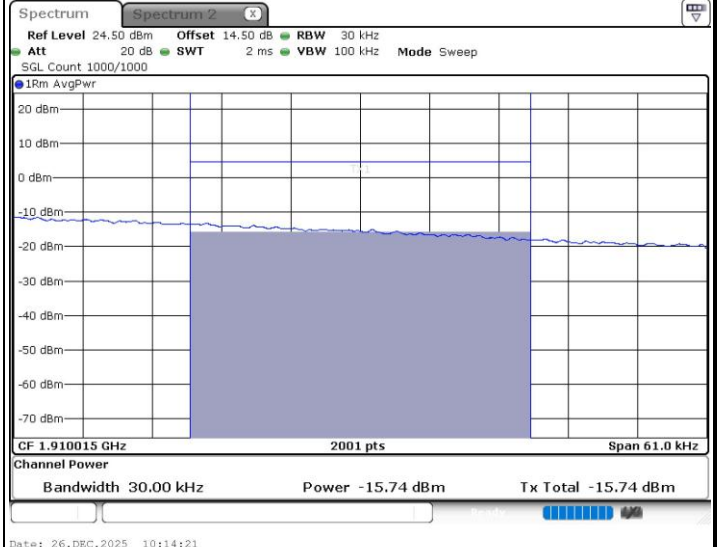
Highest Band Edge / 1 RB

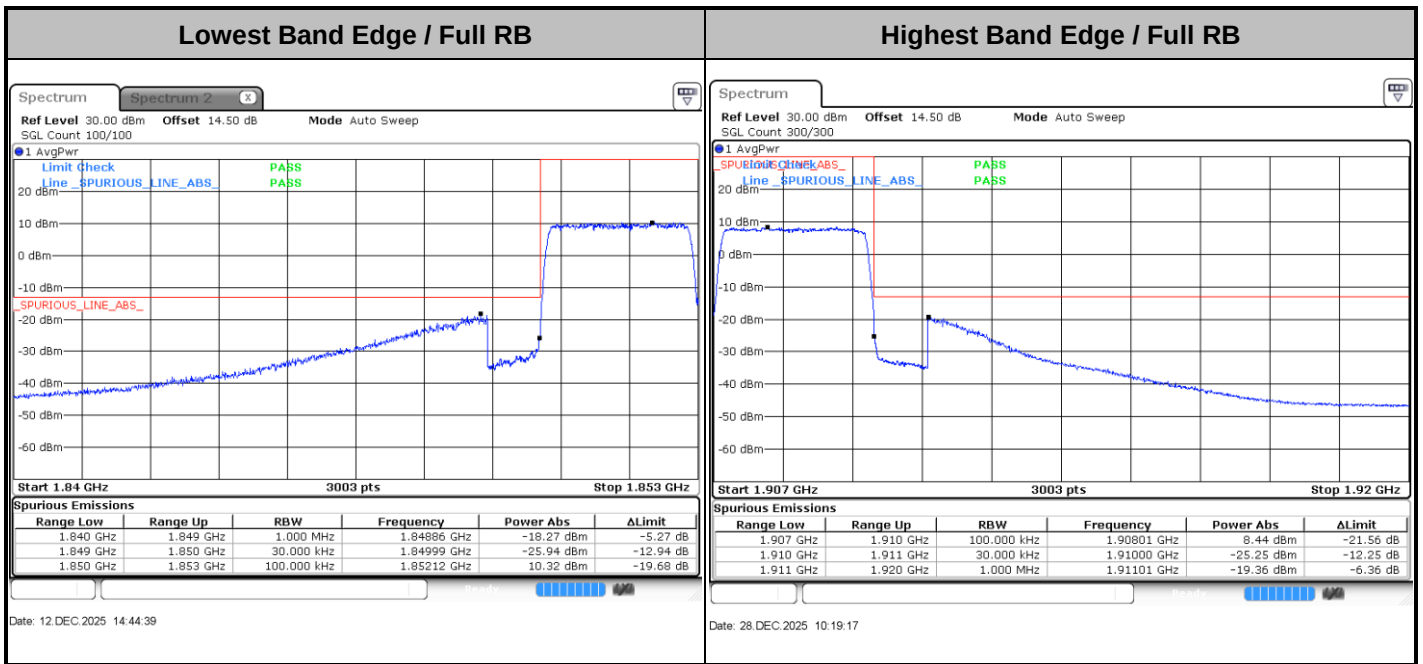


Lowest Band Edge / 1 RB-CP



Highest Band Edge / 1 RB-CP

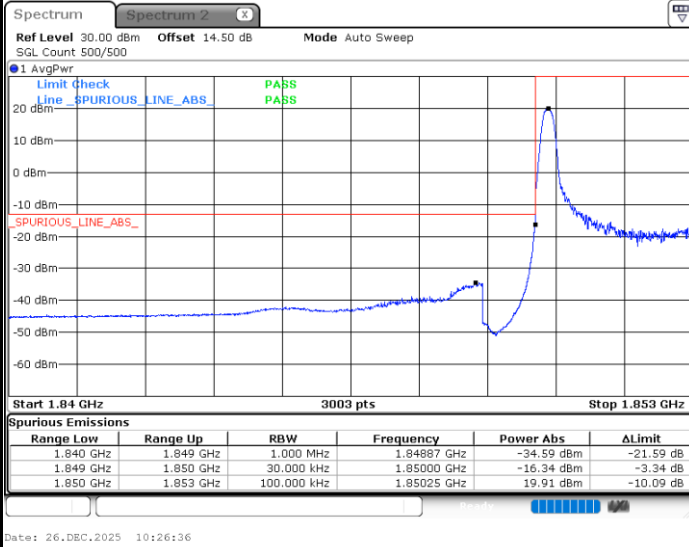




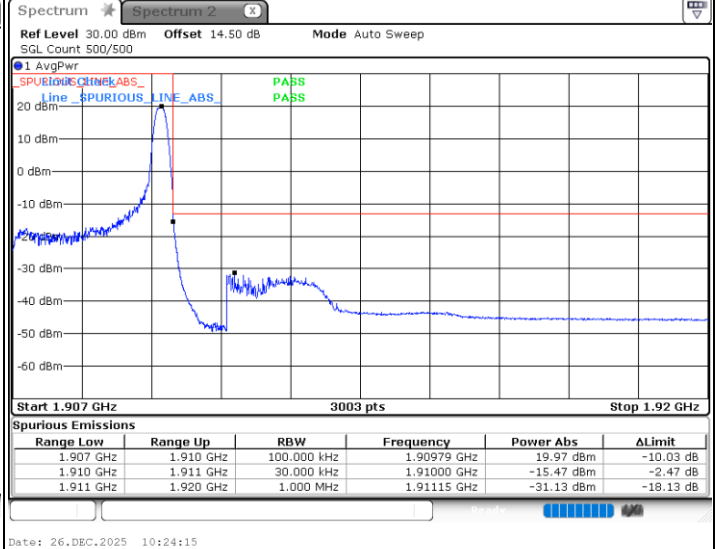


LTE Band 2 / 3MHz / 64QAM

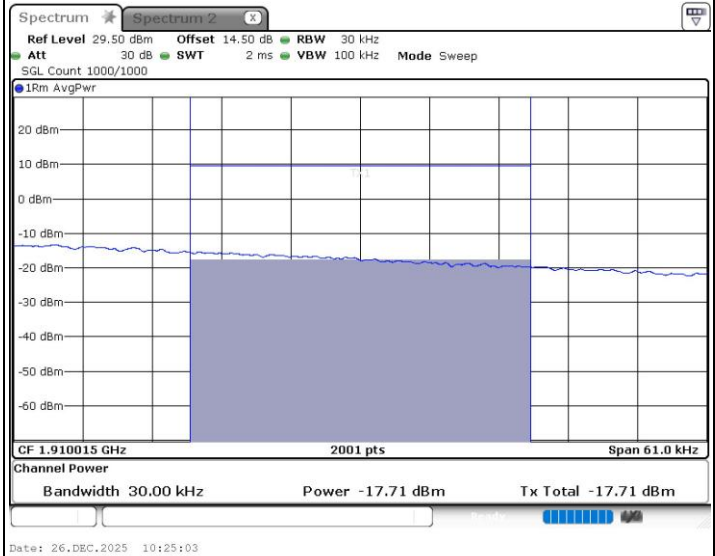
Lowest Band Edge / 1 RB

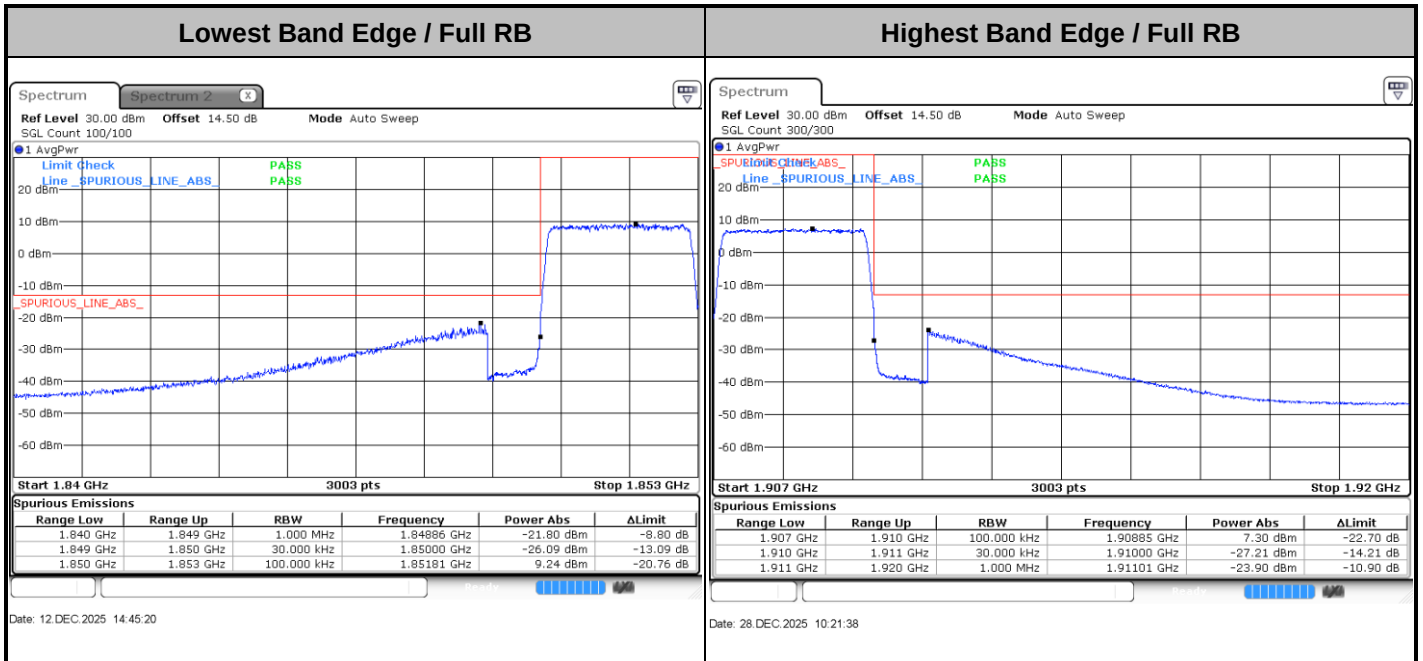


Highest Band Edge / 1 RB



Highest Band Edge / 1 RB-CP

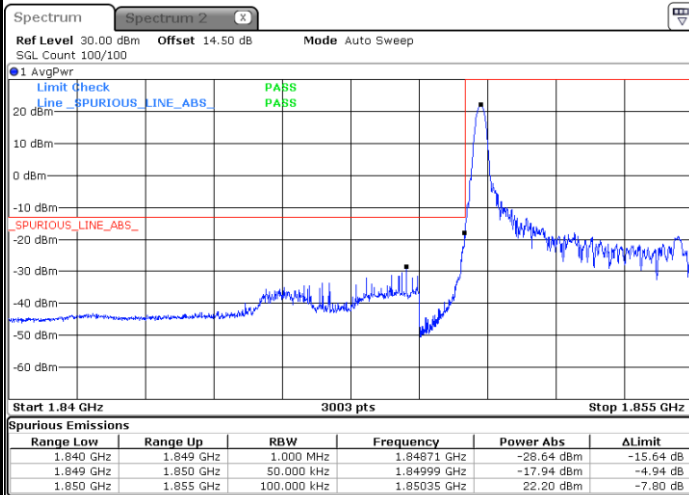






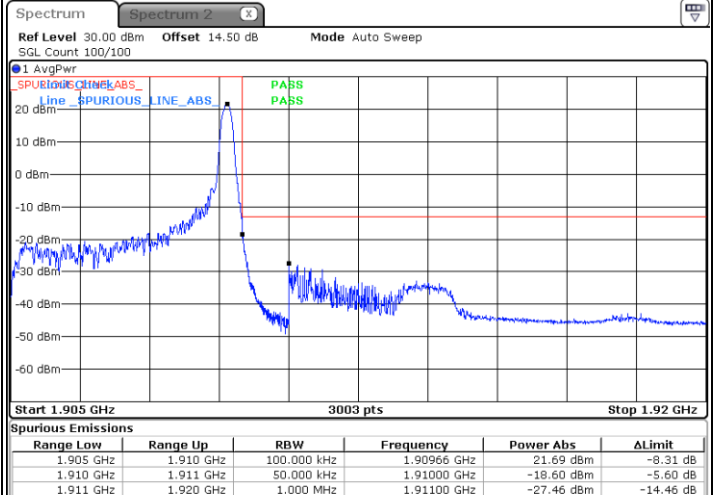
LTE Band 2 / 5MHz / QPSK

Lowest Band Edge / 1RB



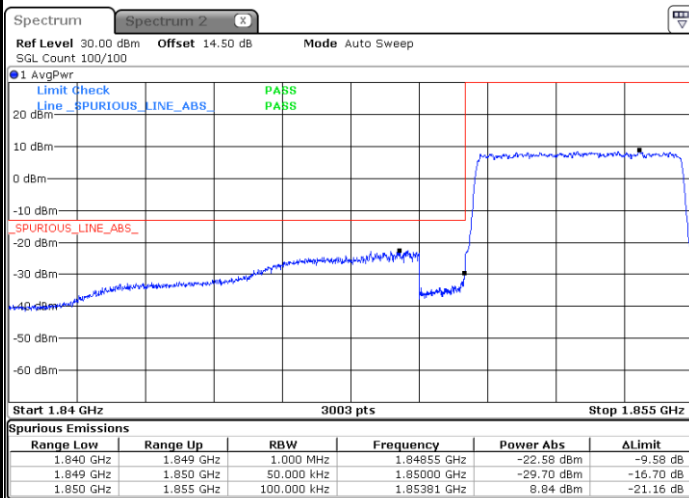
Date: 12 DEC 2025 14:54:28

Highest Band Edge / 1RB



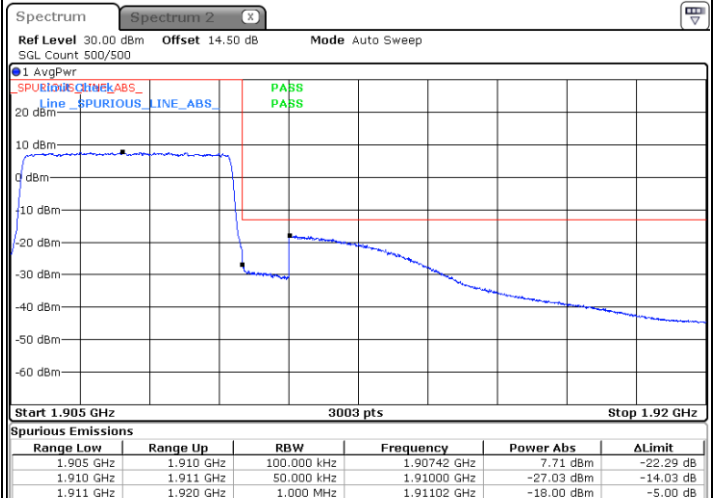
Date: 12 DEC 2025 15:02:12

Lowest Band Edge / Full RB



Date: 12 DEC 2025 14:57:41

Highest Band Edge / Full RB

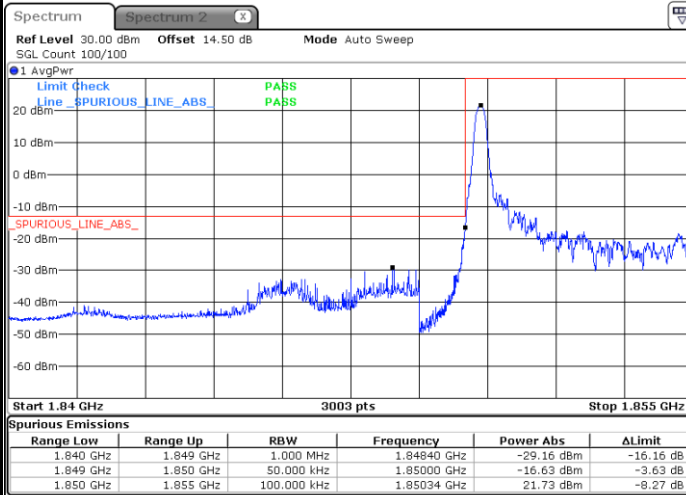


Date: 26 DEC 2025 10:31:49

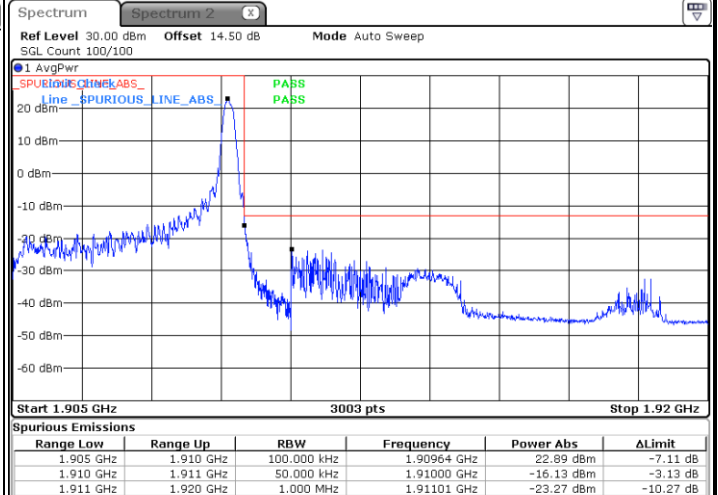


LTE Band 2 / 5MHz / 16QAM

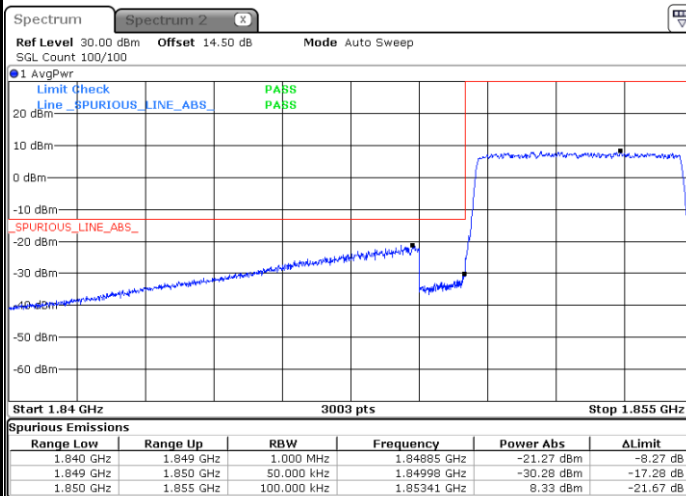
Lowest Band Edge / 1 RB



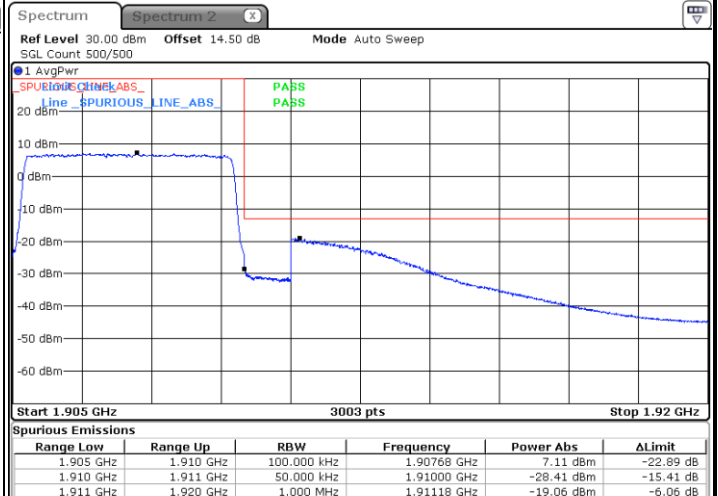
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



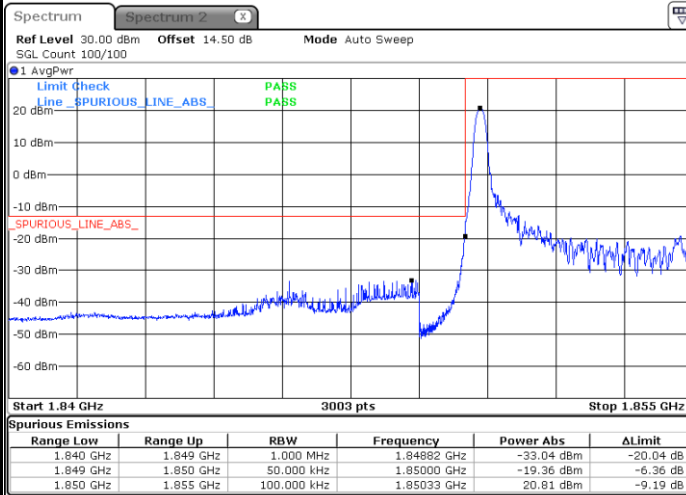
Highest Band Edge / Full RB



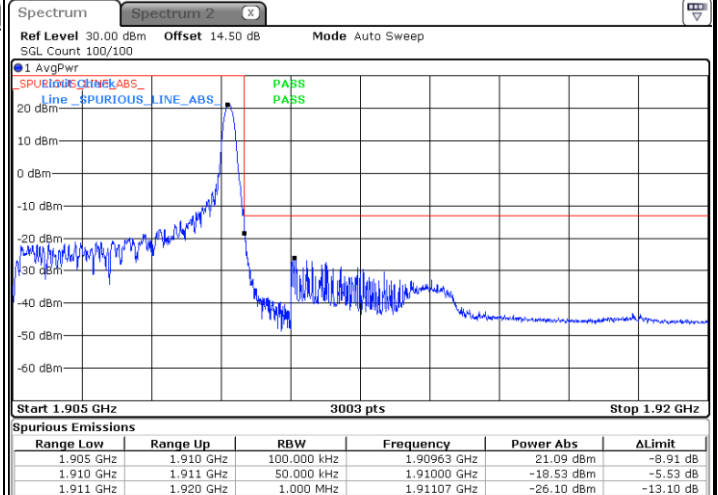


LTE Band 2 / 5MHz / 64QAM

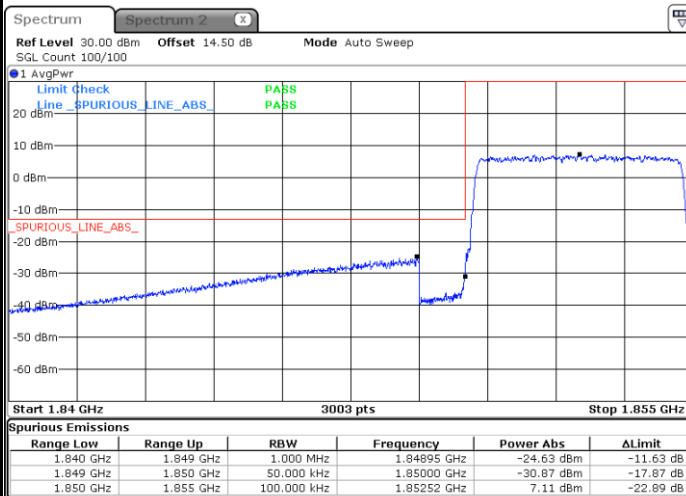
Lowest Band Edge / 1 RB



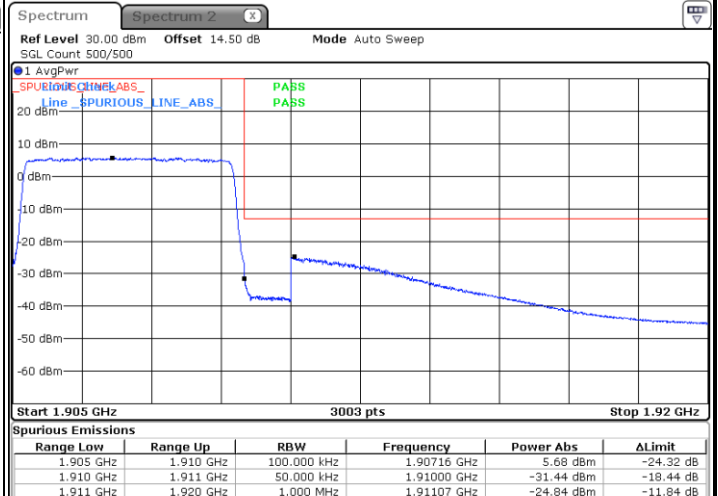
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



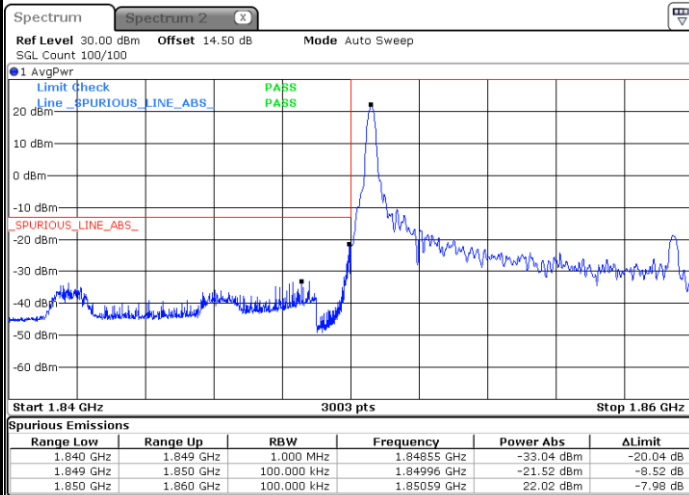
Highest Band Edge / Full RB





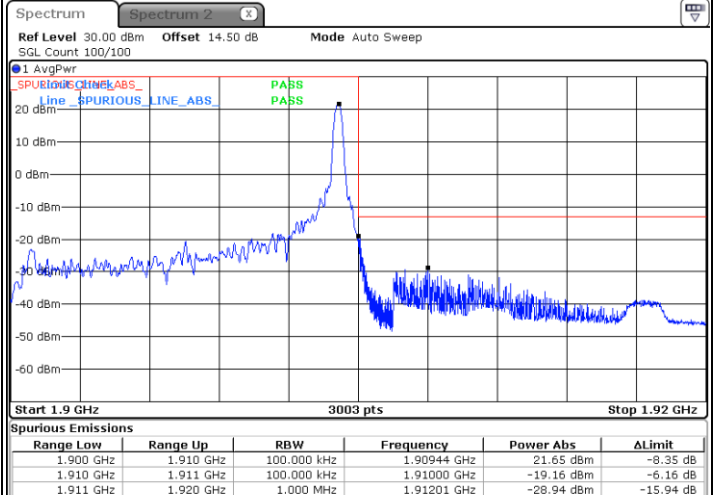
LTE Band 2 / 10MHz / QPSK

Lowest Band Edge / 1RB



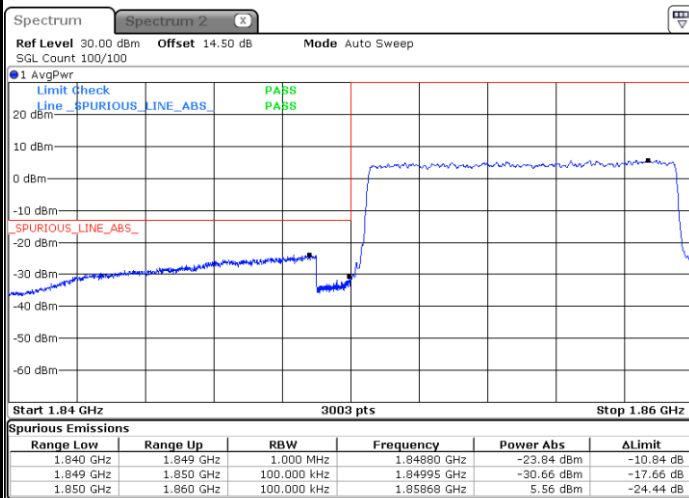
Date: 12 DEC 2025 15:08:11

Highest Band Edge / 1RB



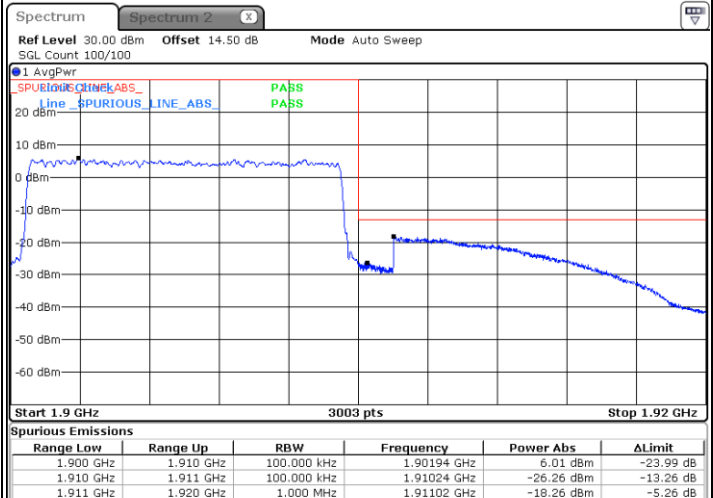
Date: 12 DEC 2025 15:15:55

Lowest Band Edge / Full RB



Date: 12 DEC 2025 15:10:15

Highest Band Edge / Full RB

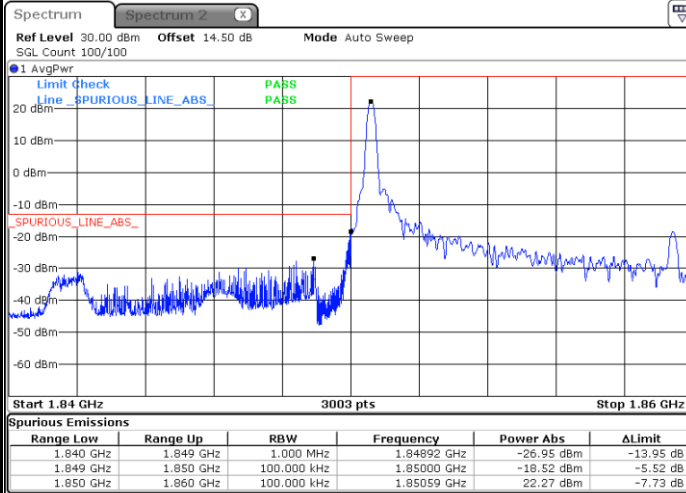


Date: 12 DEC 2025 15:17:58

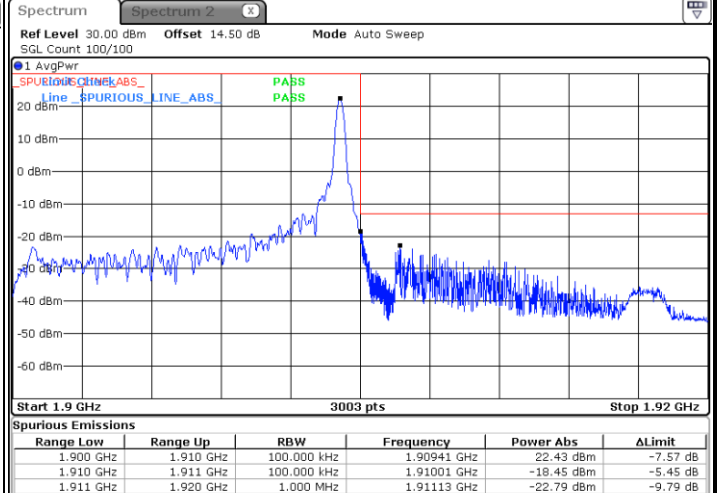


LTE Band 2 / 10MHz / 16QAM

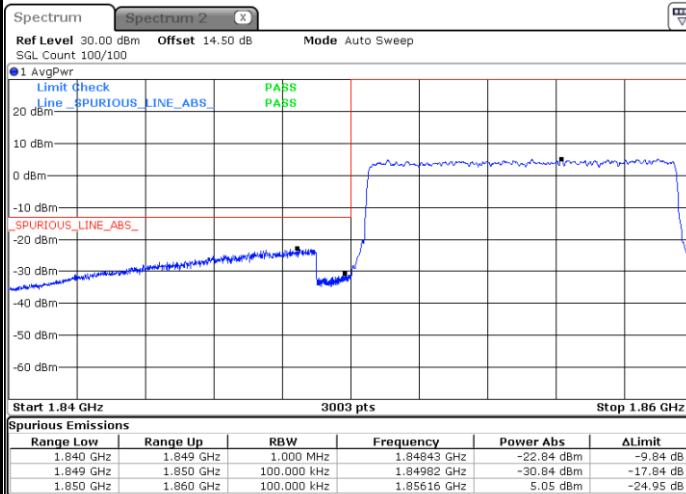
Lowest Band Edge / 1 RB



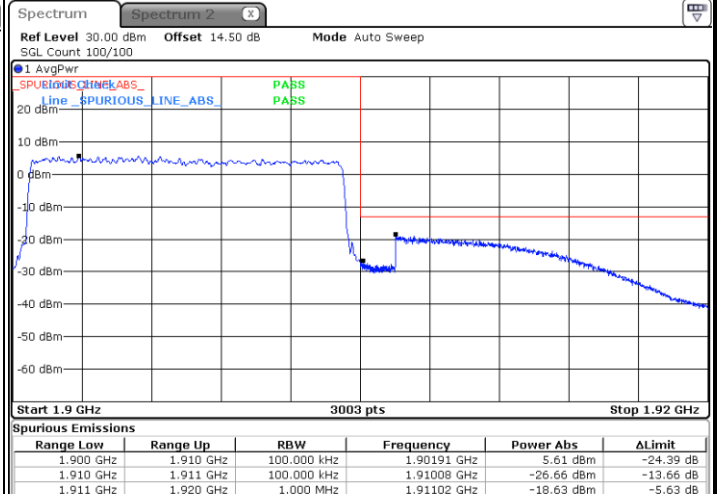
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



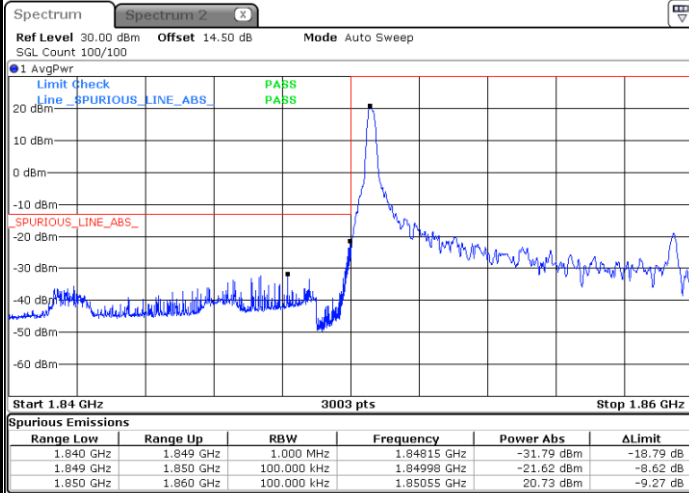
Highest Band Edge / Full RB



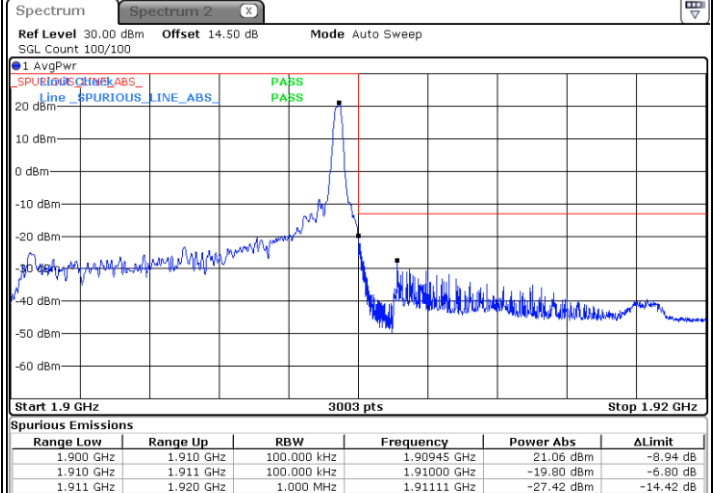


LTE Band 2 / 10MHz / 64QAM

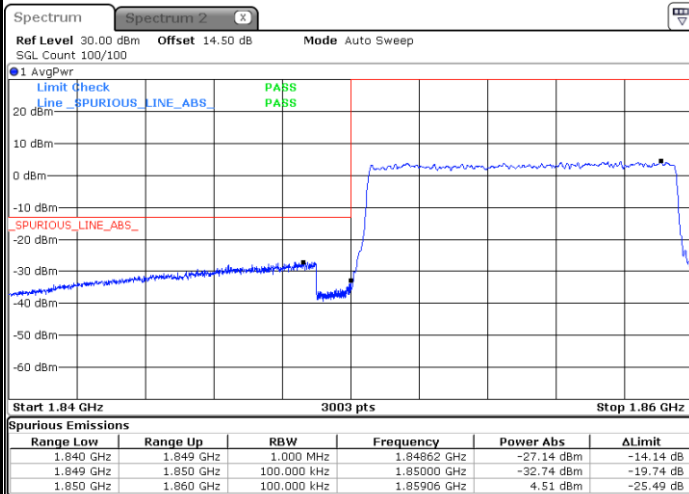
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

