



FCC RF Test Report

APPLICANT : Motorola Mobility LLC
EQUIPMENT : Mobile Cellular Phone
BRAND NAME : Motorola
MODEL NAME : XT2529-1
FCC ID : IHDT56AV1
STANDARD : 47 CFR Part 22(H), 24(E), 27(L)
CLASSIFICATION : PCS Licensed Transmitter Held to Ear (PCE)
TEST DATE(S) : Feb. 19, 2025 ~ Feb. 25, 2025

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

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

Jason Jia

Approved by: Jason Jia



Sporton International Inc. (Kunshan)

No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300
People's Republic of China



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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG520602B	Rev. 01	Initial issue of report	Mar. 20, 2025

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1046	Conducted Output Power	-	Report Only	-
	§22.913(a)(5)	Effective Radiated Power (Band 5) (Band 26)	ERP < 7 Watt	PASS	-
	§24.232(c)	Equivalent Isotropic Radiated Power (Band 2) (Band 25)	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(h)	Conducted Band Edge Measurement (Band 2) (Band 4) (Band 5) (Band 25) (Band 26) (Band 66)	< 43+10log10(P[Watts])	PASS	-
3.8	§2.1051 §22.917(a) §24.238(a) §27.53(h)	Conducted Spurious Emission (Band 2) (Band 4) (Band 5) (Band 25) (Band 26) (Band 66)	< 43+10log10(P[Watts])	PASS	-
3.9	§2.1055 §22.355	Frequency Stability Temperature & Voltage	< 2.5 ppm for Part 22	PASS	-
	§2.1055 §24.235 §27.54		Within Authorized Band		
4.4	§2.1053 §22.917(a) §24.238(a) §27.53(h)	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 25) (Band 26) (Band 66)	< 43+10log ₁₀ (P[Watts])	PASS	Under limit 25.14 dB at 10104.00 MHz

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/manufacture 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

Motorola Mobility LLC
222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

1.2 Manufacturer

Motorola Mobility LLC
222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Cellular Phone
Brand Name	Motorola
Model Name	XT2529-1
FCC ID	IHDT56AV1
IMEI Code	Conducted: 351291190028803 Radiation: 351291190028753/351291190028761
HW Version	DVT2
SW Version	V2VO35.57
EUT Stage	Identical Prototype

Remark:

1. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.
2. There are three types of EUT, the differences could be referred to the XT2529-1_Operational Description of Product Equality Declaration which is exhibit separately. According to the difference, we choose sample 1 to full test.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	LTE Band 2 : 1850 MHz ~ 1910 MHz LTE Band 4 : 1710 MHz ~ 1755 MHz LTE Band 5 : 824 MHz ~ 849 MHz LTE Band 25 : 1850 MHz ~ 1915 MHz LTE Band 26 : 824 MHz ~ 849 MHz LTE Band 66 : 1710 MHz ~ 1780 MHz
Rx Frequency	LTE Band 2 : 1930 MHz ~ 1990 MHz LTE Band 4 : 2110 MHz ~ 2155 MHz LTE Band 5 : 869 MHz ~ 894 MHz LTE Band 25 : 1930 MHz ~ 1995 MHz LTE Band 26 : 869 MHz ~ 894 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 25 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 26 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz LTE Band 66 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz
Maximum Output Power to Antenna	<ANT0> LTE Band 5 : 22.68 dBm LTE Band 26 : 22.74 dBm <ANT1> LTE Band 2 : 22.67 dBm LTE Band 4 : 22.55 dBm LTE Band 25 : 22.67 dBm LTE Band 66 : 22.60 dBm <ANT4> LTE Band 2 : 22.38 dBm LTE Band 4 : 21.37 dBm LTE Band 5 : 22.35 dBm LTE Band 66 : 21.38 dBm
Antenna Gain	<ANT0> LTE Band 5 : -5.5 dBi LTE Band 26 : -5.5 dBi <ANT1> LTE Band 2 : -3.5 dBi LTE Band 4 : -2.1 dBi LTE Band 25 : -3.5 dBi LTE Band 66 : -2.1 dBi <ANT4> LTE Band 2 : -2.5 dBi LTE Band 4 : -4.3 dBi LTE Band 5 : -5.8 dBi LTE Band 66 : -4.3 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 4 for LTE Band2, Antenna 0 for LTE Band5/26 and Antenna 1 for LTE Band4/25/66 are 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	0.0948	1M10G7D	0.0841	1M11W7D
3	1851.5 ~ 1908.5	0.0957	2M71G7D	0.0834	2M72W7D
5	1852.5 ~ 1907.5	0.0942	4M49G7D	0.0841	4M49W7D
10	1855.0 ~ 1905.0	0.0962	9M05G7D	0.0863	9M03W7D
15	1857.5 ~ 1902.5	0.0959	13M5G7D	0.0859	13M4W7D
20	1860.0 ~ 1900.0	0.0973	17M9G7D	0.0847	17M9W7D
LTE Band 25		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 ~ 1914.3	0.0820	1M10G7D	0.0726	1M11W7D
3	1851.5 ~ 1913.5	0.0804	2M71G7D	0.0719	2M72W7D
5	1852.5 ~ 1912.5	0.0800	4M49G7D	0.0726	4M49W7D
10	1855.0 ~ 1910.0	0.0805	9M05G7D	0.0719	9M03W7D
15	1857.5 ~ 1907.5	0.0794	13M5G7D	0.0716	13M4W7D
20	1860.0 ~ 1905.0	0.0826	17M9G7D	0.0719	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	0.1107	1M09G7D	0.0977	1M09W7D
3	1711.5 ~ 1753.5	0.1102	2M72G7D	0.0964	2M72W7D
5	1712.5 ~ 1752.5	0.1079	4M49G7D	0.0951	4M49W7D
10	1715.0 ~ 1750.0	0.1104	9M09G7D	0.0935	9M03W7D
15	1717.5 ~ 1747.5	0.1091	13M5G7D	0.0957	13M5W7D
20	1720.0 ~ 1745.0	0.1109	17M8G7D	0.0944	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	0.0315	1M09G7D	0.0283	1M09W7D
3	825.5 ~ 847.5	0.0310	2M72G7D	0.0281	2M70W7D
5	826.5 ~ 846.5	0.0316	4M50G7D	0.0278	4M49W7D
10	829.0 ~ 844.0	0.0318	9M09G7D	0.0280	8M97W7D
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	0.0318	1M09G7D	0.0278	1M09W7D
3	825.5 ~ 847.5	0.0321	2M72G7D	0.0281	2M70W7D
5	826.5 ~ 846.5	0.0315	4M50G7D	0.0282	4M49W7D
10	829.0 ~ 844.0	0.0318	9M09G7D	0.0281	8M97W7D
15	831.5 ~ 841.5	0.0323	13M5G7D	0.0279	13M5W7D
CH26790	824.0	0.0306	13M5G7D	0.0278	13M4W7D
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	0.1114	1M09G7D	0.0953	1M09W7D
3	1711.5 ~ 1778.5	0.1079	2M72G7D	0.0968	2M72W7D
5	1712.5 ~ 1777.5	0.1062	4M49G7D	0.0973	4M49W7D
10	1715.0 ~ 1775.0	0.1079	9M09G7D	0.0966	9M03W7D
15	1717.5 ~ 1772.5	0.1089	13M5G7D	0.0955	13M5W7D
20	1720.0 ~ 1770.0	0.1122	17M8G7D	0.0955	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 25 overlaps the entire frequency range of LTE Band 2. Therefore, the test results provided in this report covers Band 25 as well as Band 2.
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. (Kunshan) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

Test Firm	Sporton International Inc. (Kunshan)		
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	TH01-KS	CN1257	314309

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

Test Firm	Sporton International Inc. (ShenZhen)		
Test Site Location	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.
	03CH02-SZ	CN1256	421272

Test data subcontracted: Radiated Spurious Emission test case in section 4 of this report

1.8 Test Software

Item	Site	Manufacture	Name	Version
1.	TH01-KS	SPORTON	FCC LTE_Ver2.0 Auto_china_210503	2.0
2.	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)
- ♦ ANSI C63.26-2015
- ♦ FCC KDB 971168 D01 Power Meas License Digital Systems v03r01
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01

Remark:

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



1.10 Specification of Accessory

Accessories Information				
AC Adapter 1(US)	Brand Name	Motorola(Salcomp)	Model Name	MC-331L
AC Adapter 1(EU)	Brand Name	Motorola(Salcomp)	Model Name	MC-332L
AC Adapter 1(UK)	Brand Name	Motorola(Salcomp)	Model Name	MC-333L
AC Adapter 1(AU)	Brand Name	Motorola(Salcomp)	Model Name	MC-335L
AC Adapter 1(AR)	Brand Name	Motorola(Salcomp)	Model Name	MC-336L
AC Adapter 1(BR)	Brand Name	Motorola(Salcomp)	Model Name	MC-337L
AC Adapter 1(CHILE)	Brand Name	Motorola(Salcomp)	Model Name	MC-339L
AC Adapter 1(KR)	Brand Name	Motorola(Salcomp)	Model Name	MC-330L
AC Adapter 2(US)	Brand Name	Motorola(Chenyang)	Model Name	MC-331L
AC Adapter 2(EU)	Brand Name	Motorola(Chenyang)	Model Name	MC-332L
AC Adapter 2(UK)	Brand Name	Motorola(Chenyang)	Model Name	MC-333L
AC Adapter 2(AR)	Brand Name	Motorola(Chenyang)	Model Name	MC-336L
AC Adapter 2(BR)	Brand Name	Motorola(Chenyang)	Model Name	MC-337L
AC Adapter 3(IN)	Brand Name	Motorola(AOHAI)	Model Name	MC-334L
AC Adapter 3(IN)	Brand Name	Motorola(XIHI)	Model Name	MC-334L
AC Adapter 4(IN)	Brand Name	Motorola(Salcomp)	Model Name	MC-334L
AC Adapter 4(IN)	Brand Name	Motorola(Salcomp)	Model Name	MC-334L
AC Adapter 5(US)	Brand Name	Motorola(Salcomp)	Model Name	MC-331
Battery 1	Brand Name	Motorola(Sunwoda)	Model Name	RB52
Battery 2	Brand Name	Motorola(NVT)	Model Name	RB52
Battery 3	Brand Name	Motorola(SCUD)	Model Name	RB52
USB Cable 1	Brand Name	Motorola(Yihuaxing)	Model Name	T365-020 T365-020-01 T365-020-02
USB Cable 2	Brand Name	Motorola(WASHIN)	Model Name	HX-TL-01 HX-TL-07 HX-TL-08
USB Cable 3	Brand Name	Motorola(Juwei)	Model Name	JWUB1614-T03H JWUB1705-T03H JWUB1856-T03H



2 Test Configuration of Equipment Under Test

2.1 Test Mode

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

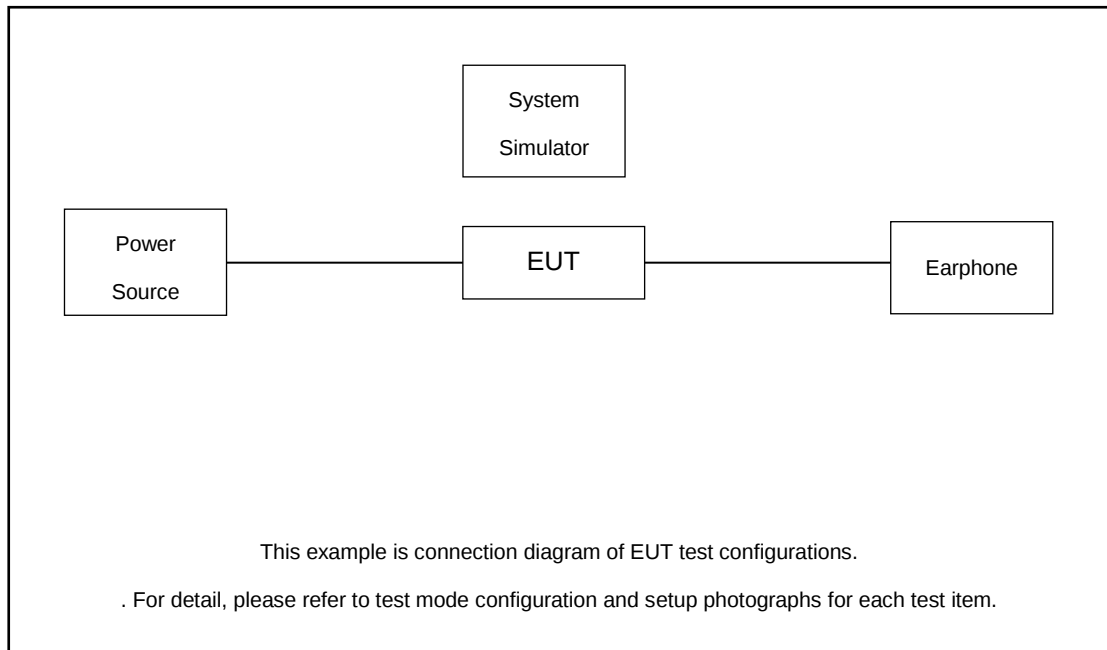
Radiated measurements are performed by rotating the EUT in three different orthogonal test planes to find the maximum emission. (X/Z Plane)

Test Items	Band	Bandwidth (MHz)						Modulation			RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	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
	25	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	26	v	v	v	v	v	-	v	v	v	v	v	v	v	v	v
	66	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
Peak-to-Average Ratio	25						v	v	v	v			v		v	
	26					v	-	v	v	v			v		v	
	66						v	v	v	v			v		v	
26dB and 99% Bandwidth	25	v	v	v	v	v	v	v	v				v		v	
	26	v	v	v	v	v	-	v	v				v		v	
	66	v	v	v	v	v	v	v	v				v		v	
Conducted Band Edge	25	v	v	v	v	v	v	v	v	v	v		v	v		v
	26	v	v	v	v	v	-	v	v	v	v		v	v		v
	66	v	v	v	v	v	v	v	v	v	v		v	v		v
Conducted Spurious Emission	25	v	v	v	v	v	v	v			v			v	v	v
	26	v	v	v	v	v	-	v			v			v	v	v
	66	v	v	v	v	v	v	v			v			v	v	v
Frequency Stability	25	v						v					v		v	
	26				v		-	v					v		v	
	66	v						v					v		v	



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
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
	25	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	26	v	v	v	v	v	-	v	v	v	v	v	v	v	v	v
	66	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
Radiated Spurious Emission	25	Worst Case												v	v	v
	26	Worst Case												v	v	v
	66	Worst Case												v	v	v
	2A-4A	Worst Case												v	v	v
	2A-7A	Worst Case												v	v	v
	2A-66A	Worst Case												v	v	v
	4A-5A	Worst Case												v	v	v
	4A-7A	Worst Case												v	v	v
	5A-7A	Worst Case												v	v	v
Note	1. The mark “v ” means that this configuration is chosen for testing 2. The mark “-” means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. 4. The conducted test items of inter band CA were cover by LTE single carrier due to the CA power is reduced according to 3GPP MPR															

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 25 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	26140	26340	26590
	Frequency	1860	1880	1905
15	Channel	26115	26340	26615
	Frequency	1857.5	1880	1907.5
10	Channel	26090	26340	26640
	Frequency	1855	1880	1910
5	Channel	26065	26340	26665
	Frequency	1852.5	1880	1912.5
3	Channel	26055	26340	26675
	Frequency	1851.5	1880	1913.5
1.4	Channel	26047	26340	26683
	Frequency	1850.7	1880	1914.3



LTE Band 26 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
15	Channel	26865	26915	26965
	Frequency	831.5	836.5	841.5
10	Channel	26840	26915	26990
	Frequency	829	836.5	844
5	Channel	26815	26915	27015
	Frequency	826.5	836.5	846.5
3	Channel	26805	26915	27025
	Frequency	825.5	836.5	847.5
1.4	Channel	26797	26915	27033
	Frequency	824.7	836.5	848.3

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

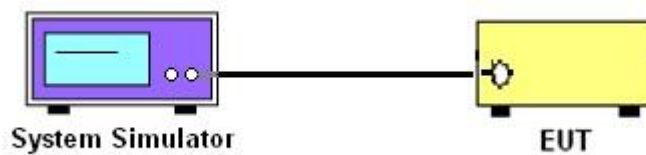
3 Conducted Test Items

3.1 Measuring Instruments

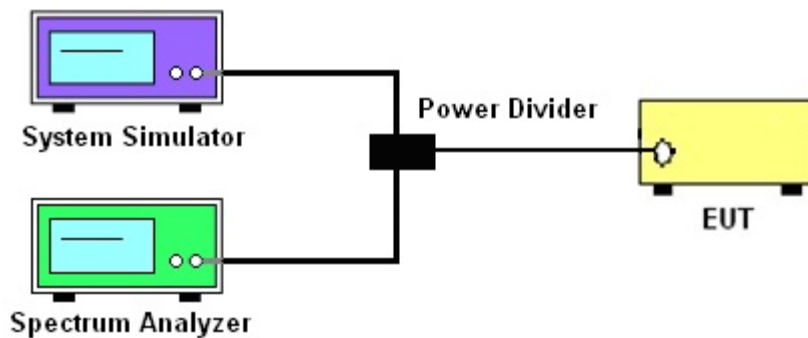
See list of measuring instruments of this test report.

3.2 Test Setup

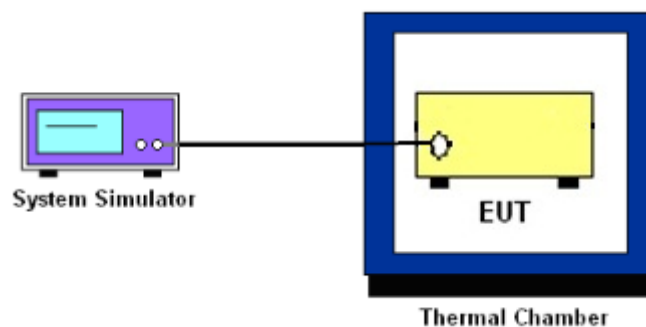
3.2.1 Conducted Output Power



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



3.2.3 Frequency Stability



3.3 Test Result of Conducted Test

Please refer to Appendix A.



3.4 Conducted Output Power and ERP/EIRP

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

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

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

The EIRP of mobile transmitters must not exceed 2 Watts for LTE Band 2 and Band 25.

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 (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.

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

3.8 Conducted Spurious Emission

3.8.1 Description of Conducted Spurious Emission Measurement

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

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

3.8.2 Test Procedures

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

3.9 Frequency Stability

3.9.1 Description of Frequency Stability Measurement

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

3.9.2 Test Procedures for Temperature Variation

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

3.9.3 Test Procedures for Voltage Variation

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

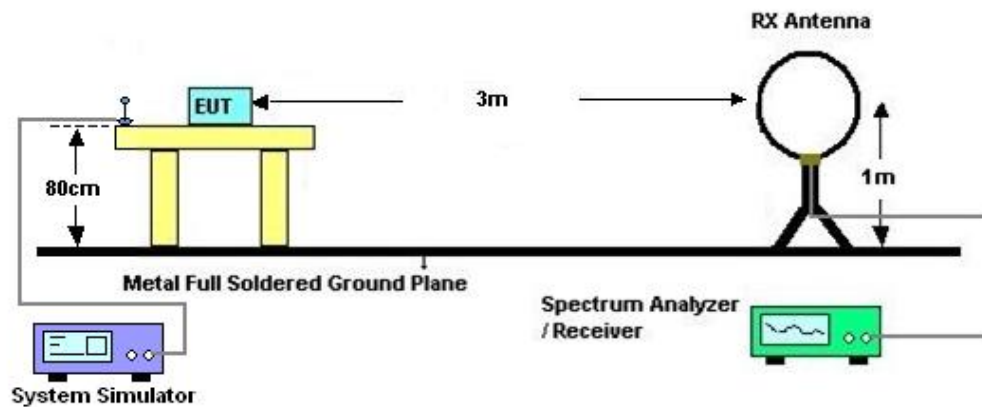
4 Radiated Test Items

4.1 Measuring Instruments

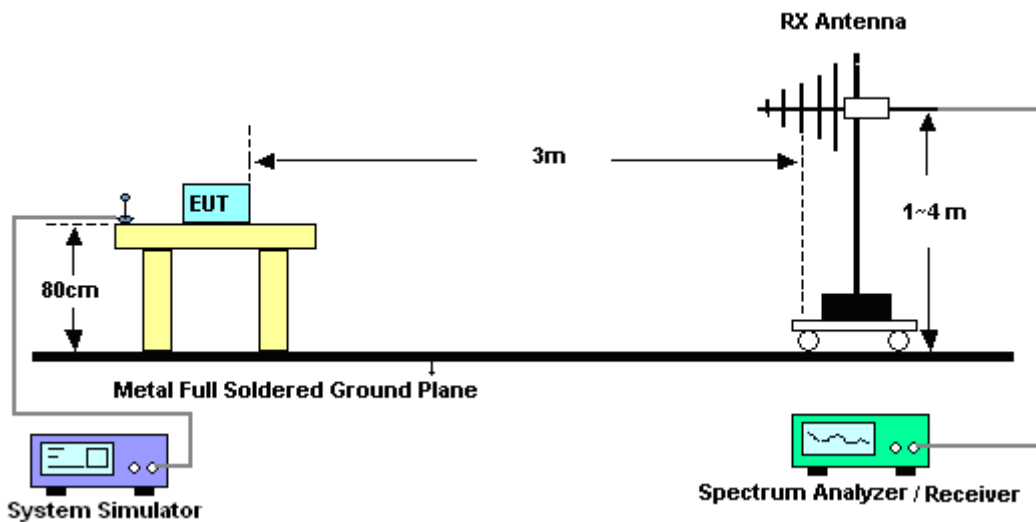
See list of measuring instruments of this test report.

4.2 Test Setup

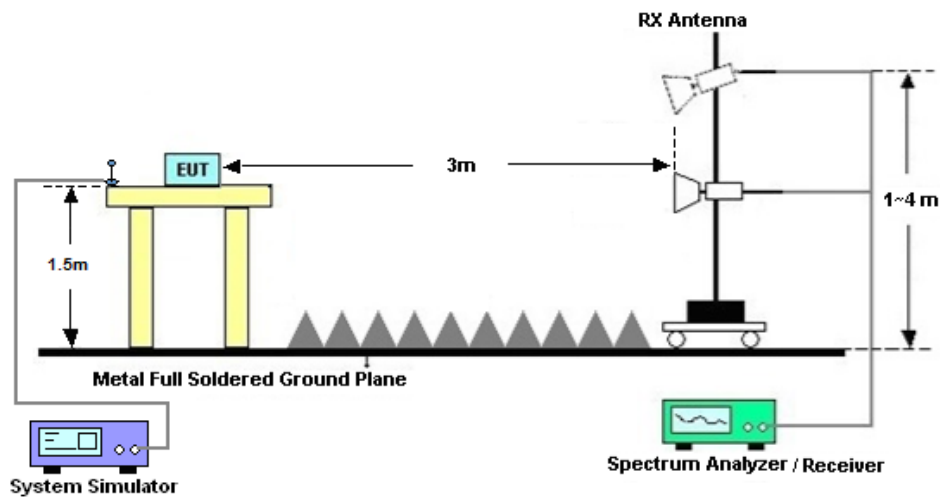
4.2.1 For radiated test below 30MHz



4.2.2 For radiated test from 30MHz to 1GHz



4.2.3 For radiated test above 1GHz



4.3 Test Result of Radiated Test

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

Please refer to Appendix B.

4.4 Radiated Spurious Emission

4.4.1 Description of Radiated Spurious Emission

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

For Band 7

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

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

4.4.2 Test Procedures

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

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



5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101040	10Hz~40GHz	Oct. 10, 2024	Feb. 19, 2025~ Feb. 25, 2025	Oct. 09, 2025	Conducted (TH01-KS)
Power divider	STI	STI08-0055	-	0.5~40GHz	NCR	Feb. 19, 2025~ Feb. 25, 2025	NCR	Conducted (TH01-KS)
Temperature & humidity chamber	Hongzhan	LP-150U	H2014011440	-40~+150°C 20%~95%RH	Jul. 04, 2024	Feb. 19, 2025~ Feb. 25, 2025	Jul. 03, 2025	Conducted (TH01-KS)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 03, 2024	Feb. 20, 2025~ Feb. 21, 2025	Jul. 02, 2025	Radiation (03CH02-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 28, 2024	Feb. 20, 2025~ Feb. 21, 2025	Dec. 27, 2025	Radiation (03CH02-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz~2GHz	Oct. 24, 2023	Feb. 20, 2025~ Feb. 21, 2025	Oct. 23, 2025	Radiation (03CH02-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 04, 2024	Feb. 20, 2025~ Feb. 21, 2025	Jul. 04, 2025	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 03, 2024	Feb. 20, 2025~ Feb. 21, 2025	Jul. 03, 2025	Radiation (03CH02-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz~40GHz	Apr. 09, 2024	Feb. 20, 2025~ Feb. 21, 2025	Apr. 08, 2025	Radiation (03CH02-SZ)
LF Amplifier	Burgeon	BPA-530	102211	0.01~3000Mhz	Oct. 18, 2024	Feb. 20, 2025~ Feb. 21, 2025	Oct. 17, 2025	Radiation (03CH02-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5Ghz	Oct. 14, 2024	Feb. 20, 2025~ Feb. 21, 2025	Oct. 13, 2025	Radiation (03CH02-SZ)
AC Power Source	Chroma	61601	616010003043	N/A	Oct. 18, 2024	Feb. 20, 2025~ Feb. 21, 2025	Oct. 17, 2025	Radiation (03CH02-SZ)
Turn Table	Chaintek	T-200	N/A	0~360 degree	NCR	Feb. 20, 2025~ Feb. 21, 2025	NCR	Radiation (03CH02-SZ)
Antenna Mast	Chaintek	MBS-400	N/A	1 m~4 m	NCR	Feb. 20, 2025~ Feb. 21, 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	±2.22 dB
Occupied Channel Bandwidth	±0.1%
Conducted Power	±0.50 dB
Peak to Average Ratio	±0.90 dB
Frequency Stability	±0.04ppm

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 (1 GHz ~ 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_ANT4:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				18700	18900	19100			
Frequency (MHz)				1860	1880	1900	L	M	H
20	QPSK	1	0	22.05	22.25	22.14	0.0902	0.0944	0.0920
20	QPSK	1	49	22.23	22.38	22.25	0.0940	0.0973	0.0944
20	QPSK	1	99	22.05	22.09	22.10	0.0902	0.0910	0.0912
20	QPSK	50	0	21.20	21.33	21.26	0.0741	0.0764	0.0752
20	QPSK	50	24	21.19	21.28	21.21	0.0740	0.0755	0.0743
20	QPSK	50	50	21.07	21.20	21.17	0.0719	0.0741	0.0736
20	QPSK	100	0	21.12	21.26	21.20	0.0728	0.0752	0.0741
20	16QAM	1	0	21.47	21.69	21.15	0.0789	0.0830	0.0733
20	16QAM	1	49	21.09	21.37	21.78	0.0723	0.0771	0.0847
20	16QAM	1	99	21.57	21.63	21.56	0.0807	0.0818	0.0805
20	16QAM	50	0	20.22	20.35	20.17	0.0592	0.0610	0.0585
20	16QAM	50	24	20.16	20.23	20.28	0.0583	0.0593	0.0600
20	16QAM	50	50	20.04	20.25	20.15	0.0568	0.0596	0.0582
20	16QAM	100	0	20.10	20.19	20.17	0.0575	0.0587	0.0585
20	64QAM	1	0	20.04	20.46	20.45	0.0568	0.0625	0.0624
20	64QAM	1	49	20.20	20.26	20.08	0.0589	0.0597	0.0573
20	64QAM	1	99	20.05	20.29	20.42	0.0569	0.0601	0.0619
20	64QAM	50	0	19.11	19.27	19.17	0.0458	0.0475	0.0465
20	64QAM	50	24	19.10	19.26	19.20	0.0457	0.0474	0.0468
20	64QAM	50	50	19.06	19.24	19.12	0.0453	0.0472	0.0459
20	64QAM	100	0	19.09	19.19	19.10	0.0456	0.0467	0.0457
Channel				18675	18900	19125	EIRP(W)		
Frequency (MHz)				1857.5	1880	1902.5	L	M	H
15	QPSK	1	0	22.04	22.21	22.22	0.0899	0.0935	0.0938
15	QPSK	1	37	22.06	22.32	22.12	0.0904	0.0959	0.0916
15	QPSK	1	74	22.01	22.03	22.06	0.0893	0.0897	0.0904
15	QPSK	36	0	21.19	21.43	21.23	0.0740	0.0782	0.0746
15	QPSK	36	20	21.11	21.35	21.19	0.0726	0.0767	0.0740
15	QPSK	36	39	21.07	21.12	21.18	0.0719	0.0728	0.0738
15	QPSK	75	0	21.19	21.19	21.11	0.0740	0.0740	0.0726



15	16QAM	1	0	21.41	21.63	21.20	0.0778	0.0818	0.0741
15	16QAM	1	37	21.18	21.28	21.84	0.0738	0.0755	0.0859
15	16QAM	1	74	21.62	21.66	21.55	0.0817	0.0824	0.0804
15	16QAM	36	0	20.18	20.33	20.09	0.0586	0.0607	0.0574
15	16QAM	36	20	20.18	20.20	20.38	0.0586	0.0589	0.0614
15	16QAM	36	39	20.00	20.18	20.17	0.0562	0.0586	0.0585
15	16QAM	75	0	20.01	20.22	20.20	0.0564	0.0592	0.0589
15	64QAM	1	0	20.04	20.54	20.48	0.0568	0.0637	0.0628
15	64QAM	1	37	20.14	20.34	20.14	0.0581	0.0608	0.0581
15	64QAM	1	74	20.10	20.37	20.38	0.0575	0.0612	0.0614
15	64QAM	36	0	19.07	19.35	19.07	0.0454	0.0484	0.0454
15	64QAM	36	20	19.18	19.21	19.28	0.0466	0.0469	0.0476
15	64QAM	36	39	19.08	19.29	19.07	0.0455	0.0478	0.0454
15	64QAM	75	0	19.16	19.22	19.04	0.0463	0.0470	0.0451
Channel				18650	18900	19150	EIRP(W)		
Frequency (MHz)				1855	1880	1905	L	M	H
10	QPSK	1	0	22.09	22.33	22.20	0.0910	0.0962	0.0933
10	QPSK	1	25	22.22	22.30	22.12	0.0938	0.0955	0.0916
10	QPSK	1	49	22.06	22.12	22.04	0.0904	0.0916	0.0899
10	QPSK	25	0	21.20	21.39	21.27	0.0741	0.0774	0.0753
10	QPSK	25	12	21.12	21.33	21.31	0.0728	0.0764	0.0760
10	QPSK	25	25	21.16	21.12	21.23	0.0735	0.0728	0.0746
10	QPSK	50	0	21.11	21.34	21.12	0.0726	0.0766	0.0728
10	16QAM	1	0	21.56	21.67	21.17	0.0805	0.0826	0.0736
10	16QAM	1	25	21.03	21.40	21.86	0.0713	0.0776	0.0863
10	16QAM	1	49	21.61	21.67	21.63	0.0815	0.0826	0.0818
10	16QAM	25	0	20.22	20.31	20.09	0.0592	0.0604	0.0574
10	16QAM	25	12	20.06	20.27	20.20	0.0570	0.0598	0.0589
10	16QAM	25	25	20.11	20.15	20.17	0.0577	0.0582	0.0585
10	16QAM	50	0	20.08	20.22	20.14	0.0573	0.0592	0.0581
10	64QAM	1	0	20.12	20.46	20.39	0.0578	0.0625	0.0615
10	64QAM	1	25	20.10	20.28	20.05	0.0575	0.0600	0.0569
10	64QAM	1	49	20.00	20.28	20.50	0.0562	0.0600	0.0631
10	64QAM	25	0	19.04	19.36	19.26	0.0451	0.0485	0.0474
10	64QAM	25	12	19.14	19.21	19.21	0.0461	0.0469	0.0469
10	64QAM	25	25	19.01	19.28	19.11	0.0448	0.0476	0.0458
10	64QAM	50	0	19.10	19.23	19.14	0.0457	0.0471	0.0461
Channel				18625	18900	19175	EIRP(W)		
Frequency (MHz)				1852.5	1880	1907.5	L	M	H
5	QPSK	1	0	22.13	22.17	22.10	0.0918	0.0927	0.0912
5	QPSK	1	12	22.13	22.24	22.05	0.0918	0.0942	0.0902
5	QPSK	1	24	22.11	22.19	22.08	0.0914	0.0931	0.0908
5	QPSK	12	0	21.22	21.28	21.18	0.0745	0.0755	0.0738
5	QPSK	12	7	21.12	21.19	21.24	0.0728	0.0740	0.0748
5	QPSK	12	13	21.03	21.21	21.10	0.0713	0.0743	0.0724
5	QPSK	25	0	21.22	21.31	21.25	0.0745	0.0760	0.0750
5	16QAM	1	0	21.53	21.69	21.14	0.0800	0.0830	0.0731



5	16QAM	1	12	21.02	21.45	21.75	0.0711	0.0785	0.0841
5	16QAM	1	24	21.67	21.61	21.66	0.0826	0.0815	0.0824
5	16QAM	12	0	20.21	20.44	20.22	0.0590	0.0622	0.0592
5	16QAM	12	7	20.17	20.19	20.19	0.0585	0.0587	0.0587
5	16QAM	12	13	20.14	20.35	20.17	0.0581	0.0610	0.0585
5	16QAM	25	0	20.01	20.22	20.24	0.0564	0.0592	0.0594
5	64QAM	1	0	20.14	20.38	20.42	0.0581	0.0614	0.0619
5	64QAM	1	12	20.22	20.20	20.15	0.0592	0.0589	0.0582
5	64QAM	1	24	20.13	20.34	20.35	0.0579	0.0608	0.0610
5	64QAM	12	0	19.06	19.35	19.12	0.0453	0.0484	0.0459
5	64QAM	12	7	19.20	19.16	19.27	0.0468	0.0463	0.0475
5	64QAM	12	13	19.09	19.14	19.16	0.0456	0.0461	0.0463
5	64QAM	25	0	19.17	19.18	19.16	0.0465	0.0466	0.0463
Channel				18615	18900	19185	EIRP(W)		
Frequency (MHz)				1851.5	1880	1908.5	L	M	H
3	QPSK	1	0	22.05	22.31	22.12	0.0902	0.0957	0.0916
3	QPSK	1	8	22.16	22.26	22.20	0.0925	0.0946	0.0933
3	QPSK	1	14	22.06	22.09	22.03	0.0904	0.0910	0.0897
3	QPSK	8	0	21.19	21.41	21.31	0.0740	0.0778	0.0760
3	QPSK	8	4	21.22	21.32	21.13	0.0745	0.0762	0.0729
3	QPSK	8	7	21.16	21.23	21.07	0.0735	0.0746	0.0719
3	QPSK	15	0	21.10	21.34	21.30	0.0724	0.0766	0.0759
3	16QAM	1	0	21.39	21.69	21.11	0.0774	0.0830	0.0726
3	16QAM	1	8	21.03	21.32	21.71	0.0713	0.0762	0.0834
3	16QAM	1	14	21.53	21.62	21.54	0.0800	0.0817	0.0802
3	16QAM	8	0	20.27	20.33	20.16	0.0598	0.0607	0.0583
3	16QAM	8	4	20.08	20.22	20.30	0.0573	0.0592	0.0603
3	16QAM	8	7	20.01	20.27	20.17	0.0564	0.0598	0.0585
3	16QAM	15	0	20.18	20.25	20.17	0.0586	0.0596	0.0585
3	64QAM	1	0	20.02	20.44	20.36	0.0565	0.0622	0.0611
3	64QAM	1	8	20.15	20.19	20.08	0.0582	0.0587	0.0573
3	64QAM	1	14	20.02	20.36	20.46	0.0565	0.0611	0.0625
3	64QAM	8	0	19.18	19.34	19.24	0.0466	0.0483	0.0472
3	64QAM	8	4	19.16	19.18	19.11	0.0463	0.0466	0.0458
3	64QAM	8	7	19.03	19.15	19.16	0.0450	0.0462	0.0463
3	64QAM	15	0	19.06	19.15	19.19	0.0453	0.0462	0.0467
Channel				18607	18900	19193	EIRP(W)		
Frequency (MHz)				1850.7	1880	1909.3	L	M	H
1.4	QPSK	1	0	22.14	22.17	22.21	0.0920	0.0927	0.0935
1.4	QPSK	1	3	22.24	22.21	22.13	0.0942	0.0935	0.0918
1.4	QPSK	1	5	22.12	22.14	22.10	0.0916	0.0920	0.0912
1.4	QPSK	3	0	22.09	22.24	22.25	0.0910	0.0942	0.0944
1.4	QPSK	3	1	22.05	22.27	22.25	0.0902	0.0948	0.0944
1.4	QPSK	3	3	22.01	22.19	22.22	0.0893	0.0931	0.0938
1.4	QPSK	6	0	21.15	21.25	21.13	0.0733	0.0750	0.0729
1.4	16QAM	1	0	21.60	21.45	21.75	0.0813	0.0785	0.0841
1.4	16QAM	1	3	21.28	21.71	21.46	0.0755	0.0834	0.0787



1.4	16QAM	1	5	21.54	21.20	21.62	0.0802	0.0741	0.0817
1.4	16QAM	3	0	21.04	21.31	21.06	0.0714	0.0760	0.0718
1.4	16QAM	3	1	21.04	21.18	21.15	0.0714	0.0738	0.0733
1.4	16QAM	3	3	21.13	21.20	21.23	0.0729	0.0741	0.0746
1.4	16QAM	6	0	20.02	20.14	20.18	0.0565	0.0581	0.0586
1.4	64QAM	1	0	20.34	20.53	20.19	0.0608	0.0635	0.0587
1.4	64QAM	1	3	20.17	20.02	20.23	0.0585	0.0565	0.0593
1.4	64QAM	1	5	20.28	20.29	20.47	0.0600	0.0601	0.0627
1.4	64QAM	3	0	20.26	20.43	20.46	0.0597	0.0621	0.0625
1.4	64QAM	3	1	20.02	20.31	20.39	0.0565	0.0604	0.0615
1.4	64QAM	3	3	20.13	20.32	20.34	0.0579	0.0605	0.0608
1.4	64QAM	6	0	19.05	19.14	19.14	0.0452	0.0461	0.0461

LTE Band 4_ANT1:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				20050	20175	20300			
Frequency (MHz)				1720	1732.5	1745	L	M	H
20	QPSK	1	0	22.37	22.42	22.27	0.1064	0.1076	0.1040
20	QPSK	1	49	22.48	22.55	22.42	0.1091	0.1109	0.1076
20	QPSK	1	99	22.19	22.28	22.17	0.1021	0.1042	0.1016
20	QPSK	50	0	21.47	21.48	21.42	0.0865	0.0867	0.0855
20	QPSK	50	24	21.46	21.43	21.36	0.0863	0.0857	0.0843
20	QPSK	50	50	21.41	21.40	21.32	0.0853	0.0851	0.0836
20	QPSK	100	0	21.38	21.43	21.40	0.0847	0.0857	0.0851
20	16QAM	1	0	21.85	21.53	21.27	0.0944	0.0877	0.0826
20	16QAM	1	49	21.84	21.40	21.45	0.0942	0.0851	0.0861
20	16QAM	1	99	21.29	21.45	21.42	0.0830	0.0861	0.0855
20	16QAM	50	0	20.37	20.37	20.39	0.0671	0.0671	0.0675
20	16QAM	50	24	20.41	20.40	20.34	0.0678	0.0676	0.0667
20	16QAM	50	50	20.39	20.43	20.31	0.0675	0.0681	0.0662
20	16QAM	100	0	20.31	20.37	20.32	0.0662	0.0671	0.0664
20	64QAM	1	0	20.44	20.36	20.57	0.0682	0.0670	0.0703
20	64QAM	1	49	20.09	20.56	20.57	0.0630	0.0701	0.0703
20	64QAM	1	99	20.49	20.20	20.31	0.0690	0.0646	0.0662
20	64QAM	50	0	19.39	19.38	19.36	0.0536	0.0535	0.0532
20	64QAM	50	24	19.39	19.35	19.33	0.0536	0.0531	0.0528
20	64QAM	50	50	19.37	19.33	19.30	0.0533	0.0528	0.0525
20	64QAM	100	0	19.34	19.40	19.26	0.0530	0.0537	0.0520
Channel				20025	20175	20325	EIRP(W)		
Frequency (MHz)				1717.5	1732.5	1747.5	L	M	H
15	QPSK	1	0	22.34	22.44	22.28	0.1057	0.1081	0.1042
15	QPSK	1	37	22.30	22.48	22.32	0.1047	0.1091	0.1052
15	QPSK	1	74	22.15	22.36	22.21	0.1012	0.1062	0.1026
15	QPSK	36	0	21.37	21.48	21.49	0.0845	0.0867	0.0869



15	QPSK	36	20	21.46	21.50	21.33	0.0863	0.0871	0.0838
15	QPSK	36	39	21.32	21.49	21.27	0.0836	0.0869	0.0826
15	QPSK	75	0	21.30	21.37	21.44	0.0832	0.0845	0.0859
15	16QAM	1	0	21.91	21.57	21.17	0.0957	0.0885	0.0807
15	16QAM	1	37	21.74	21.45	21.48	0.0920	0.0861	0.0867
15	16QAM	1	74	21.30	21.55	21.50	0.0832	0.0881	0.0871
15	16QAM	36	0	20.42	20.46	20.31	0.0679	0.0685	0.0662
15	16QAM	36	20	20.47	20.50	20.35	0.0687	0.0692	0.0668
15	16QAM	36	39	20.46	20.39	20.36	0.0685	0.0675	0.0670
15	16QAM	75	0	20.36	20.32	20.29	0.0670	0.0664	0.0659
15	64QAM	1	0	20.44	20.37	20.60	0.0682	0.0671	0.0708
15	64QAM	1	37	20.03	20.52	20.55	0.0621	0.0695	0.0700
15	64QAM	1	74	20.50	20.27	20.24	0.0692	0.0656	0.0652
15	64QAM	36	0	19.41	19.30	19.43	0.0538	0.0525	0.0541
15	64QAM	36	20	19.46	19.39	19.35	0.0545	0.0536	0.0531
15	64QAM	36	39	19.47	19.26	19.34	0.0546	0.0520	0.0530
15	64QAM	75	0	19.40	19.36	19.33	0.0537	0.0532	0.0528
Channel				20000	20175	20350	EIRP(W)		
Frequency (MHz)				1715	1732.5	1750	L	M	H
10	QPSK	1	0	22.36	22.35	22.37	0.1062	0.1059	0.1064
10	QPSK	1	25	22.35	22.53	22.29	0.1059	0.1104	0.1045
10	QPSK	1	49	22.21	22.19	22.25	0.1026	0.1021	0.1035
10	QPSK	25	0	21.55	21.47	21.33	0.0881	0.0865	0.0838
10	QPSK	25	12	21.53	21.41	21.45	0.0877	0.0853	0.0861
10	QPSK	25	25	21.42	21.36	21.37	0.0855	0.0843	0.0845
10	QPSK	50	0	21.39	21.39	21.43	0.0849	0.0849	0.0857
10	16QAM	1	0	21.79	21.62	21.19	0.0931	0.0895	0.0811
10	16QAM	1	25	21.81	21.34	21.40	0.0935	0.0839	0.0851
10	16QAM	1	49	21.36	21.37	21.42	0.0843	0.0845	0.0855
10	16QAM	25	0	20.41	20.30	20.46	0.0678	0.0661	0.0685
10	16QAM	25	12	20.42	20.32	20.35	0.0679	0.0664	0.0668
10	16QAM	25	25	20.35	20.38	20.32	0.0668	0.0673	0.0664
10	16QAM	50	0	20.27	20.35	20.24	0.0656	0.0668	0.0652
10	64QAM	1	0	20.52	20.30	20.65	0.0695	0.0661	0.0716
10	64QAM	1	25	20.00	20.65	20.59	0.0617	0.0716	0.0706
10	64QAM	1	49	20.51	20.14	20.30	0.0693	0.0637	0.0661
10	64QAM	25	0	19.39	19.44	19.29	0.0536	0.0542	0.0524
10	64QAM	25	12	19.47	19.37	19.40	0.0546	0.0533	0.0537
10	64QAM	25	25	19.46	19.25	19.32	0.0545	0.0519	0.0527
10	64QAM	50	0	19.26	19.39	19.35	0.0520	0.0536	0.0531
Channel				19975	20175	20375	EIRP(W)		
Frequency (MHz)				1712.5	1732.5	1752.5	L	M	H
5	QPSK	1	0	22.36	22.43	22.18	0.1062	0.1079	0.1019
5	QPSK	1	12	22.31	22.36	22.32	0.1050	0.1062	0.1052
5	QPSK	1	24	22.10	22.21	22.11	0.1000	0.1026	0.1002
5	QPSK	12	0	21.43	21.56	21.44	0.0857	0.0883	0.0859
5	QPSK	12	7	21.53	21.37	21.31	0.0877	0.0845	0.0834



5	QPSK	12	13	21.46	21.50	21.29	0.0863	0.0871	0.0830
5	QPSK	25	0	21.34	21.35	21.50	0.0839	0.0841	0.0871
5	16QAM	1	0	21.88	21.47	21.32	0.0951	0.0865	0.0836
5	16QAM	1	12	21.85	21.46	21.37	0.0944	0.0863	0.0845
5	16QAM	1	24	21.28	21.43	21.34	0.0828	0.0857	0.0839
5	16QAM	12	0	20.34	20.46	20.46	0.0667	0.0685	0.0685
5	16QAM	12	7	20.49	20.47	20.42	0.0690	0.0687	0.0679
5	16QAM	12	13	20.41	20.36	20.23	0.0678	0.0670	0.0650
5	16QAM	25	0	20.39	20.47	20.27	0.0675	0.0687	0.0656
5	64QAM	1	0	20.42	20.44	20.54	0.0679	0.0682	0.0698
5	64QAM	1	12	20.02	20.53	20.50	0.0619	0.0697	0.0692
5	64QAM	1	24	20.50	20.25	20.36	0.0692	0.0653	0.0670
5	64QAM	12	0	19.33	19.37	19.46	0.0528	0.0533	0.0545
5	64QAM	12	7	19.33	19.34	19.43	0.0528	0.0530	0.0541
5	64QAM	12	13	19.39	19.23	19.32	0.0536	0.0516	0.0527
5	64QAM	25	0	19.33	19.32	19.33	0.0528	0.0527	0.0528
Channel				19965	20175	20385	EIRP(W)		
Frequency (MHz)				1711.5	1732.5	1753.5	L	M	H
3	QPSK	1	0	22.47	22.52	22.34	0.1089	0.1102	0.1057
3	QPSK	1	8	22.29	22.44	22.36	0.1045	0.1081	0.1062
3	QPSK	1	14	22.28	22.37	22.11	0.1042	0.1064	0.1002
3	QPSK	8	0	21.38	21.43	21.44	0.0847	0.0857	0.0859
3	QPSK	8	4	21.49	21.50	21.46	0.0869	0.0871	0.0863
3	QPSK	8	7	21.45	21.41	21.37	0.0861	0.0853	0.0845
3	QPSK	15	0	21.36	21.51	21.47	0.0843	0.0873	0.0865
3	16QAM	1	0	21.94	21.62	21.22	0.0964	0.0895	0.0817
3	16QAM	1	8	21.74	21.46	21.35	0.0920	0.0863	0.0841
3	16QAM	1	14	21.22	21.38	21.52	0.0817	0.0847	0.0875
3	16QAM	8	0	20.33	20.38	20.31	0.0665	0.0673	0.0662
3	16QAM	8	4	20.50	20.49	20.38	0.0692	0.0690	0.0673
3	16QAM	8	7	20.45	20.42	20.35	0.0684	0.0679	0.0668
3	16QAM	15	0	20.36	20.36	20.22	0.0670	0.0670	0.0649
3	64QAM	1	0	20.37	20.40	20.58	0.0671	0.0676	0.0705
3	64QAM	1	8	20.15	20.64	20.61	0.0638	0.0714	0.0710
3	64QAM	1	14	20.53	20.29	20.40	0.0697	0.0659	0.0676
3	64QAM	8	0	19.34	19.34	19.32	0.0530	0.0530	0.0527
3	64QAM	8	4	19.38	19.45	19.24	0.0535	0.0543	0.0518
3	64QAM	8	7	19.35	19.29	19.28	0.0531	0.0524	0.0522
3	64QAM	15	0	19.25	19.33	19.19	0.0519	0.0528	0.0512
Channel				19950	20175	20393	EIRP(W)		
Frequency (MHz)				1710	1732.5	1754.3	L	M	H
1.4	QPSK	1	0	22.41	22.52	22.29	0.1074	0.1102	0.1045
1.4	QPSK	1	3	22.25	22.54	22.46	0.1035	0.1107	0.1086
1.4	QPSK	1	5	22.44	22.43	22.36	0.1081	0.1079	0.1062
1.4	QPSK	3	0	22.33	22.40	22.42	0.1054	0.1072	0.1076
1.4	QPSK	3	1	22.33	22.49	22.35	0.1054	0.1094	0.1059
1.4	QPSK	3	3	22.44	22.44	22.35	0.1081	0.1081	0.1059



1.4	QPSK	6	0	21.47	21.49	21.41	0.0865	0.0869	0.0853
1.4	16QAM	1	0	22.00	21.49	21.52	0.0977	0.0869	0.0875
1.4	16QAM	1	3	21.60	21.55	21.94	0.0891	0.0881	0.0964
1.4	16QAM	1	5	21.86	21.93	21.84	0.0946	0.0962	0.0942
1.4	16QAM	3	0	21.40	21.41	21.26	0.0851	0.0853	0.0824
1.4	16QAM	3	1	21.36	21.39	21.50	0.0843	0.0849	0.0871
1.4	16QAM	3	3	21.27	21.43	21.42	0.0826	0.0857	0.0855
1.4	16QAM	6	0	20.42	20.61	20.40	0.0679	0.0710	0.0676
1.4	64QAM	1	0	20.40	20.44	20.60	0.0676	0.0682	0.0708
1.4	64QAM	1	3	20.49	20.35	20.09	0.0690	0.0668	0.0630
1.4	64QAM	1	5	20.50	20.59	20.51	0.0692	0.0706	0.0693
1.4	64QAM	3	0	20.41	20.57	20.48	0.0678	0.0703	0.0689
1.4	64QAM	3	1	20.46	20.61	20.24	0.0685	0.0710	0.0652
1.4	64QAM	3	3	20.39	20.43	20.60	0.0675	0.0681	0.0708
1.4	64QAM	6	0	19.23	19.33	19.31	0.0516	0.0528	0.0526

LTE Band 5_ANT0:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)		
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844	L	M	H
10	QPSK	1	0	22.50	22.52	22.47	0.0305	0.0307	0.0303
10	QPSK	1	25	22.64	22.68	22.51	0.0316	0.0318	0.0306
10	QPSK	1	49	22.50	22.48	22.32	0.0305	0.0304	0.0293
10	QPSK	25	0	21.56	21.60	21.51	0.0246	0.0248	0.0243
10	QPSK	25	12	21.52	21.56	21.47	0.0244	0.0246	0.0241
10	QPSK	25	25	21.46	21.51	21.49	0.0240	0.0243	0.0242
10	QPSK	50	0	21.56	21.59	21.53	0.0246	0.0248	0.0244
10	16QAM	1	0	21.75	21.59	21.39	0.0257	0.0248	0.0237
10	16QAM	1	25	21.82	22.12	21.36	0.0261	0.0280	0.0235
10	16QAM	1	49	21.97	21.83	21.30	0.0270	0.0262	0.0232
10	16QAM	25	0	20.54	20.55	20.54	0.0195	0.0195	0.0195
10	16QAM	25	12	20.52	20.58	20.42	0.0194	0.0196	0.0189
10	16QAM	25	25	20.41	20.54	20.57	0.0189	0.0195	0.0196
10	16QAM	50	0	20.55	20.58	20.49	0.0195	0.0196	0.0192
10	64QAM	1	0	20.47	20.87	20.28	0.0191	0.0210	0.0183
10	64QAM	1	25	20.81	20.76	20.74	0.0207	0.0205	0.0204
10	64QAM	1	49	20.45	20.85	20.36	0.0191	0.0209	0.0187
10	64QAM	25	0	19.57	19.46	19.47	0.0156	0.0152	0.0152
10	64QAM	25	12	19.43	19.58	19.39	0.0151	0.0156	0.0149
10	64QAM	25	25	19.49	19.53	19.41	0.0153	0.0154	0.0150
10	64QAM	50	0	19.49	19.51	19.51	0.0153	0.0153	0.0153
Channel				20425	20525	20625	ERP(W)		
Frequency (MHz)				826.5	836.5	846.5	L	M	H
5	QPSK	1	0	22.55	22.47	22.45	0.0309	0.0303	0.0302



5	QPSK	1	12	22.61	22.64	22.53	0.0313	0.0316	0.0308
5	QPSK	1	24	22.40	22.53	22.36	0.0299	0.0308	0.0296
5	QPSK	12	0	21.61	21.54	21.58	0.0249	0.0245	0.0247
5	QPSK	12	7	21.51	21.57	21.51	0.0243	0.0247	0.0243
5	QPSK	12	13	21.48	21.57	21.54	0.0242	0.0247	0.0245
5	QPSK	25	0	21.63	21.65	21.47	0.0250	0.0251	0.0241
5	16QAM	1	0	21.67	21.66	21.46	0.0252	0.0252	0.0240
5	16QAM	1	12	21.84	22.09	21.27	0.0262	0.0278	0.0230
5	16QAM	1	24	21.87	21.93	21.33	0.0264	0.0268	0.0233
5	16QAM	12	0	20.55	20.55	20.46	0.0195	0.0195	0.0191
5	16QAM	12	7	20.59	20.61	20.52	0.0197	0.0198	0.0194
5	16QAM	12	13	20.33	20.61	20.54	0.0185	0.0198	0.0195
5	16QAM	25	0	20.57	20.52	20.48	0.0196	0.0194	0.0192
5	64QAM	1	0	20.38	20.84	20.23	0.0187	0.0208	0.0181
5	64QAM	1	12	20.72	20.69	20.73	0.0203	0.0201	0.0203
5	64QAM	1	24	20.44	20.95	20.46	0.0190	0.0214	0.0191
5	64QAM	12	0	19.67	19.37	19.40	0.0159	0.0149	0.0150
5	64QAM	12	7	19.49	19.53	19.48	0.0153	0.0154	0.0152
5	64QAM	12	13	19.46	19.53	19.31	0.0152	0.0154	0.0147
5	64QAM	25	0	19.51	19.43	19.56	0.0153	0.0151	0.0155
Channel				20415	20525	20635	ERP(W)		
Frequency (MHz)				825.5	836.5	847.5	L	M	H
3	QPSK	1	0	22.48	22.51	22.39	0.0304	0.0306	0.0298
3	QPSK	1	8	22.57	22.48	22.41	0.0310	0.0304	0.0299
3	QPSK	1	14	22.51	22.52	22.31	0.0306	0.0307	0.0292
3	QPSK	8	0	21.47	21.62	21.54	0.0241	0.0249	0.0245
3	QPSK	8	4	21.60	21.65	21.45	0.0248	0.0251	0.0240
3	QPSK	8	7	21.36	21.53	21.44	0.0235	0.0244	0.0239
3	QPSK	15	0	21.60	21.55	21.50	0.0248	0.0245	0.0243
3	16QAM	1	0	21.85	21.53	21.43	0.0263	0.0244	0.0239
3	16QAM	1	8	21.84	22.13	21.29	0.0262	0.0281	0.0231
3	16QAM	1	14	21.91	21.89	21.40	0.0267	0.0265	0.0237
3	16QAM	8	0	20.59	20.49	20.57	0.0197	0.0192	0.0196
3	16QAM	8	4	20.50	20.68	20.44	0.0193	0.0201	0.0190
3	16QAM	8	7	20.38	20.44	20.62	0.0187	0.0190	0.0198
3	16QAM	15	0	20.49	20.50	20.47	0.0192	0.0193	0.0191
3	64QAM	1	0	20.48	20.80	20.38	0.0192	0.0207	0.0187
3	64QAM	1	8	20.81	20.85	20.72	0.0207	0.0209	0.0203
3	64QAM	1	14	20.50	20.80	20.46	0.0193	0.0207	0.0191
3	64QAM	8	0	19.52	19.53	19.37	0.0154	0.0154	0.0149
3	64QAM	8	4	19.48	19.60	19.32	0.0152	0.0157	0.0147
3	64QAM	8	7	19.47	19.59	19.31	0.0152	0.0156	0.0147
3	64QAM	15	0	19.44	19.44	19.44	0.0151	0.0151	0.0151
Channel				20407	20525	20643	ERP(W)		
Frequency (MHz)				824.7	836.5	848.3	L	M	H
1.4	QPSK	1	0	22.49	22.37	22.26	0.0305	0.0296	0.0289
1.4	QPSK	1	3	22.62	22.42	22.22	0.0314	0.0300	0.0286



1.4	QPSK	1	5	22.46	22.56	22.34	0.0303	0.0310	0.0294
1.4	QPSK	3	0	22.57	22.45	22.36	0.0310	0.0302	0.0296
1.4	QPSK	3	1	22.63	22.55	22.34	0.0315	0.0309	0.0294
1.4	QPSK	3	3	22.63	22.54	22.43	0.0315	0.0308	0.0301
1.4	QPSK	6	0	21.57	21.55	21.34	0.0247	0.0245	0.0234
1.4	16QAM	1	0	21.92	21.66	21.47	0.0267	0.0252	0.0241
1.4	16QAM	1	3	22.17	21.64	21.39	0.0283	0.0251	0.0237
1.4	16QAM	1	5	21.81	21.66	21.56	0.0261	0.0252	0.0246
1.4	16QAM	3	0	21.64	21.55	21.40	0.0251	0.0245	0.0237
1.4	16QAM	3	1	21.64	21.40	21.20	0.0251	0.0237	0.0226
1.4	16QAM	3	3	21.66	21.50	21.44	0.0252	0.0243	0.0239
1.4	16QAM	6	0	20.83	20.74	20.41	0.0208	0.0204	0.0189
1.4	64QAM	1	0	20.62	20.31	20.43	0.0198	0.0185	0.0190
1.4	64QAM	1	3	20.72	20.74	20.56	0.0203	0.0204	0.0195
1.4	64QAM	1	5	20.72	20.28	20.36	0.0203	0.0183	0.0187
1.4	64QAM	3	0	20.80	20.53	20.38	0.0207	0.0194	0.0187
1.4	64QAM	3	1	20.62	20.51	20.54	0.0198	0.0193	0.0195
1.4	64QAM	3	3	20.60	20.71	20.61	0.0197	0.0202	0.0198
1.4	64QAM	6	0	19.51	19.42	19.27	0.0153	0.0150	0.0145

LTE Band 25_ANT1:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				26140	26340	26590			
Frequency (MHz)				1860	1880	1905	L	M	H
20	QPSK	1	0	22.38	22.41	22.42	0.0773	0.0778	0.0780
20	QPSK	1	49	22.56	22.67	22.55	0.0805	0.0826	0.0804
20	QPSK	1	99	22.44	22.39	22.35	0.0783	0.0774	0.0767
20	QPSK	50	0	21.56	21.57	21.52	0.0640	0.0641	0.0634
20	QPSK	50	24	21.50	21.50	21.47	0.0631	0.0631	0.0627
20	QPSK	50	50	21.48	21.48	21.36	0.0628	0.0628	0.0611
20	QPSK	100	0	21.45	21.50	21.43	0.0624	0.0631	0.0621
20	16QAM	1	0	21.56	21.99	21.50	0.0640	0.0706	0.0631
20	16QAM	1	49	22.00	22.07	21.76	0.0708	0.0719	0.0670
20	16QAM	1	99	21.86	21.89	21.30	0.0685	0.0690	0.0603
20	16QAM	50	0	20.46	20.62	20.53	0.0497	0.0515	0.0505
20	16QAM	50	24	20.54	20.51	20.61	0.0506	0.0502	0.0514
20	16QAM	50	50	20.49	20.46	20.42	0.0500	0.0497	0.0492
20	16QAM	100	0	20.44	20.47	20.40	0.0494	0.0498	0.0490
20	64QAM	1	0	20.50	20.44	20.80	0.0501	0.0494	0.0537
20	64QAM	1	49	20.70	20.37	20.34	0.0525	0.0486	0.0483
20	64QAM	1	99	20.65	20.64	20.44	0.0519	0.0518	0.0494
20	64QAM	50	0	19.43	19.60	19.46	0.0392	0.0407	0.0394
20	64QAM	50	24	19.47	19.43	19.49	0.0395	0.0392	0.0397
20	64QAM	50	50	19.56	19.45	19.29	0.0404	0.0394	0.0379



20	64QAM	100	0	19.41	19.35	19.36	0.0390	0.0385	0.0385
Channel				26115	26340	26615	EIRP(W)		
Frequency (MHz)				1857.5	1880	1907.5	L	M	H
15	QPSK	1	0	22.48	22.50	22.32	0.0791	0.0794	0.0762
15	QPSK	1	37	22.45	22.45	22.40	0.0785	0.0785	0.0776
15	QPSK	1	74	22.44	22.42	22.45	0.0783	0.0780	0.0785
15	QPSK	36	0	21.57	21.63	21.43	0.0641	0.0650	0.0621
15	QPSK	36	20	21.54	21.40	21.38	0.0637	0.0617	0.0614
15	QPSK	36	39	21.54	21.47	21.27	0.0637	0.0627	0.0598
15	QPSK	75	0	21.53	21.55	21.52	0.0635	0.0638	0.0634
15	16QAM	1	0	21.46	21.97	21.58	0.0625	0.0703	0.0643
15	16QAM	1	37	22.05	21.97	21.67	0.0716	0.0703	0.0656
15	16QAM	1	74	21.81	21.90	21.20	0.0678	0.0692	0.0589
15	16QAM	36	0	20.40	20.72	20.43	0.0490	0.0527	0.0493
15	16QAM	36	20	20.60	20.42	20.66	0.0513	0.0492	0.0520
15	16QAM	36	39	20.58	20.44	20.39	0.0511	0.0494	0.0489
15	16QAM	75	0	20.36	20.52	20.36	0.0485	0.0504	0.0485
15	64QAM	1	0	20.48	20.48	20.84	0.0499	0.0499	0.0542
15	64QAM	1	37	20.63	20.33	20.41	0.0516	0.0482	0.0491
15	64QAM	1	74	20.71	20.60	20.34	0.0526	0.0513	0.0483
15	64QAM	36	0	19.45	19.56	19.44	0.0394	0.0404	0.0393
15	64QAM	36	20	19.45	19.33	19.54	0.0394	0.0383	0.0402
15	64QAM	36	39	19.47	19.40	19.24	0.0395	0.0389	0.0375
15	64QAM	75	0	19.42	19.45	19.39	0.0391	0.0394	0.0388
Channel				26090	26340	26640	EIRP(W)		
Frequency (MHz)				1855	1880	1910	L	M	H
10	QPSK	1	0	22.34	22.33	22.33	0.0766	0.0764	0.0764
10	QPSK	1	25	22.56	22.43	22.45	0.0805	0.0782	0.0785
10	QPSK	1	49	22.42	22.49	22.40	0.0780	0.0793	0.0776
10	QPSK	25	0	21.59	21.58	21.56	0.0644	0.0643	0.0640
10	QPSK	25	12	21.57	21.53	21.50	0.0641	0.0635	0.0631
10	QPSK	25	25	21.50	21.39	21.41	0.0631	0.0615	0.0618
10	QPSK	50	0	21.46	21.54	21.43	0.0625	0.0637	0.0621
10	16QAM	1	0	21.59	22.07	21.44	0.0644	0.0719	0.0622
10	16QAM	1	25	22.02	21.99	21.78	0.0711	0.0706	0.0673
10	16QAM	1	49	21.82	21.89	21.27	0.0679	0.0690	0.0598
10	16QAM	25	0	20.55	20.61	20.62	0.0507	0.0514	0.0515
10	16QAM	25	12	20.60	20.60	20.51	0.0513	0.0513	0.0502
10	16QAM	25	25	20.39	20.48	20.40	0.0489	0.0499	0.0490
10	16QAM	50	0	20.46	20.54	20.45	0.0497	0.0506	0.0495
10	64QAM	1	0	20.55	20.40	20.73	0.0507	0.0490	0.0528
10	64QAM	1	25	20.62	20.32	20.44	0.0515	0.0481	0.0494
10	64QAM	1	49	20.64	20.67	20.45	0.0518	0.0521	0.0495
10	64QAM	25	0	19.39	19.64	19.41	0.0388	0.0411	0.0390
10	64QAM	25	12	19.38	19.47	19.43	0.0387	0.0395	0.0392
10	64QAM	25	25	19.51	19.42	19.35	0.0399	0.0391	0.0385
10	64QAM	50	0	19.45	19.45	19.26	0.0394	0.0394	0.0377



Channel				26065	26340	26665	EIRP(W)		
Frequency (MHz)				1852.5	1880	1912.5	L	M	H
5	QPSK	1	0	22.39	22.31	22.52	0.0774	0.0760	0.0798
5	QPSK	1	12	22.44	22.53	22.48	0.0783	0.0800	0.0791
5	QPSK	1	24	22.46	22.45	22.42	0.0787	0.0785	0.0780
5	QPSK	12	0	21.60	21.57	21.58	0.0646	0.0641	0.0643
5	QPSK	12	7	21.45	21.54	21.39	0.0624	0.0637	0.0615
5	QPSK	12	13	21.49	21.39	21.30	0.0630	0.0615	0.0603
5	QPSK	25	0	21.54	21.57	21.46	0.0637	0.0641	0.0625
5	16QAM	1	0	21.46	22.07	21.59	0.0625	0.0719	0.0644
5	16QAM	1	12	22.07	22.11	21.83	0.0719	0.0726	0.0681
5	16QAM	1	24	21.88	21.89	21.20	0.0689	0.0690	0.0589
5	16QAM	12	0	20.46	20.59	20.53	0.0497	0.0512	0.0505
5	16QAM	12	7	20.48	20.44	20.64	0.0499	0.0494	0.0518
5	16QAM	12	13	20.45	20.37	20.39	0.0495	0.0486	0.0489
5	16QAM	25	0	20.35	20.37	20.36	0.0484	0.0486	0.0485
5	64QAM	1	0	20.47	20.40	20.86	0.0498	0.0490	0.0545
5	64QAM	1	12	20.69	20.33	20.40	0.0524	0.0482	0.0490
5	64QAM	1	24	20.64	20.73	20.40	0.0518	0.0528	0.0490
5	64QAM	12	0	19.38	19.60	19.55	0.0387	0.0407	0.0403
5	64QAM	12	7	19.44	19.47	19.59	0.0393	0.0395	0.0406
5	64QAM	12	13	19.56	19.45	19.32	0.0404	0.0394	0.0382
5	64QAM	25	0	19.46	19.44	19.28	0.0394	0.0393	0.0378
Channel				26055	26340	26675	EIRP(W)		
Frequency (MHz)				1851.5	1880	1913.5	L	M	H
3	QPSK	1	0	22.29	22.34	22.33	0.0757	0.0766	0.0764
3	QPSK	1	8	22.37	22.48	22.55	0.0771	0.0791	0.0804
3	QPSK	1	14	22.54	22.49	22.36	0.0802	0.0793	0.0769
3	QPSK	8	0	21.63	21.56	21.49	0.0650	0.0640	0.0630
3	QPSK	8	4	21.41	21.58	21.39	0.0618	0.0643	0.0615
3	QPSK	8	7	21.57	21.43	21.29	0.0641	0.0621	0.0601
3	QPSK	15	0	21.39	21.49	21.50	0.0615	0.0630	0.0631
3	16QAM	1	0	21.49	21.97	21.47	0.0630	0.0703	0.0627
3	16QAM	1	8	22.07	22.04	21.84	0.0719	0.0714	0.0682
3	16QAM	1	14	21.76	21.83	21.24	0.0670	0.0681	0.0594
3	16QAM	8	0	20.45	20.65	20.58	0.0495	0.0519	0.0511
3	16QAM	8	4	20.44	20.50	20.58	0.0494	0.0501	0.0511
3	16QAM	8	7	20.50	20.39	20.38	0.0501	0.0489	0.0488
3	16QAM	15	0	20.44	20.47	20.30	0.0494	0.0498	0.0479
3	64QAM	1	0	20.57	20.39	20.88	0.0509	0.0489	0.0547
3	64QAM	1	8	20.60	20.30	20.30	0.0513	0.0479	0.0479
3	64QAM	1	14	20.73	20.60	20.40	0.0528	0.0513	0.0490
3	64QAM	8	0	19.49	19.65	19.43	0.0397	0.0412	0.0392
3	64QAM	8	4	19.50	19.46	19.56	0.0398	0.0394	0.0404
3	64QAM	8	7	19.51	19.47	19.37	0.0399	0.0395	0.0386
3	64QAM	15	0	19.48	19.44	19.44	0.0396	0.0393	0.0393
Channel				26047	26340	26683	EIRP(W)		



Frequency (MHz)				1850.7	1880	1914.3	L	M	H
1.4	QPSK	1	0	22.48	22.52	22.52	0.0791	0.0798	0.0798
1.4	QPSK	1	3	22.55	22.56	22.46	0.0804	0.0805	0.0787
1.4	QPSK	1	5	22.47	22.60	22.64	0.0789	0.0813	0.0820
1.4	QPSK	3	0	22.46	22.50	22.64	0.0787	0.0794	0.0820
1.4	QPSK	3	1	22.50	22.58	22.56	0.0794	0.0809	0.0805
1.4	QPSK	3	3	22.51	22.59	22.59	0.0796	0.0811	0.0811
1.4	QPSK	6	0	21.40	21.57	21.52	0.0617	0.0641	0.0634
1.4	16QAM	1	0	22.00	21.71	21.86	0.0708	0.0662	0.0685
1.4	16QAM	1	3	21.50	21.63	21.92	0.0631	0.0650	0.0695
1.4	16QAM	1	5	21.70	22.11	21.46	0.0661	0.0726	0.0625
1.4	16QAM	3	0	21.49	21.63	21.44	0.0630	0.0650	0.0622
1.4	16QAM	3	1	21.56	21.54	21.61	0.0640	0.0637	0.0647
1.4	16QAM	3	3	21.53	21.56	21.57	0.0635	0.0640	0.0641
1.4	16QAM	6	0	20.50	20.73	20.48	0.0501	0.0528	0.0499
1.4	64QAM	1	0	20.71	20.37	20.60	0.0526	0.0486	0.0513
1.4	64QAM	1	3	20.64	20.61	20.55	0.0518	0.0514	0.0507
1.4	64QAM	1	5	20.68	20.69	20.63	0.0522	0.0524	0.0516
1.4	64QAM	3	0	20.68	20.51	20.57	0.0522	0.0502	0.0509
1.4	64QAM	3	1	20.72	20.55	20.60	0.0527	0.0507	0.0513
1.4	64QAM	3	3	20.51	20.31	20.70	0.0502	0.0480	0.0525
1.4	64QAM	6	0	19.38	19.46	19.50	0.0387	0.0394	0.0398

LTE Band 26_ANT0:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)			
Channel				26790	26865	26915	26965				
Frequency (MHz)				824	831.5	836.5	841.5	Straddle Ch	L	M	H
15	QPSK	1	0	22.50	22.50	22.61	22.35	0.0305	0.0305	0.0313	0.0295
15	QPSK	1	37	22.51	22.51	22.74	22.45	0.0306	0.0306	0.0323	0.0302
15	QPSK	1	74	22.43	22.43	22.62	22.39	0.0301	0.0301	0.0314	0.0298
15	QPSK	36	0	21.54	21.54	21.64	21.49	0.0245	0.0245	0.0251	0.0242
15	QPSK	36	20	21.51	21.51	21.62	21.39	0.0243	0.0243	0.0249	0.0237
15	QPSK	36	39	21.49	21.49	21.63	21.42	0.0242	0.0242	0.0250	0.0238
15	QPSK	75	0	21.58	21.58	21.62	21.45	0.0247	0.0247	0.0249	0.0240
15	16QAM	1	0	21.58	21.58	21.55	22.00	0.0247	0.0247	0.0245	0.0272
15	16QAM	1	37	22.09	22.09	21.72	21.56	0.0278	0.0278	0.0255	0.0246
15	16QAM	1	74	21.44	21.44	22.11	21.82	0.0239	0.0239	0.0279	0.0261
15	16QAM	36	0	20.60	20.60	20.58	20.49	0.0197	0.0197	0.0196	0.0192
15	16QAM	36	20	20.56	20.56	20.51	20.47	0.0195	0.0195	0.0193	0.0191
15	16QAM	36	39	20.58	20.58	20.66	20.39	0.0196	0.0196	0.0200	0.0188
15	16QAM	75	0	20.55	20.55	20.66	20.40	0.0195	0.0195	0.0200	0.0188
15	64QAM	1	0	20.26	20.26	20.93	20.46	0.0182	0.0182	0.0213	0.0191
15	64QAM	1	37	20.89	20.89	20.57	20.68	0.0211	0.0211	0.0196	0.0201
15	64QAM	1	74	20.48	20.48	20.87	20.63	0.0192	0.0192	0.0210	0.0199



15	64QAM	36	0	19.51	19.51	19.64	19.54	0.0153	0.0153	0.0158	0.0155
15	64QAM	36	20	19.56	19.56	19.64	19.37	0.0155	0.0155	0.0158	0.0149
15	64QAM	36	39	19.45	19.45	19.58	19.43	0.0151	0.0151	0.0156	0.0151
15	64QAM	75	0	19.51	19.51	19.51	19.46	0.0153	0.0153	0.0153	0.0152
Channel				26790	26840	26915	26990	ERP(W)			
Frequency (MHz)				824	829	836.5	844	Straddle Ch	L	M	H
10	QPSK	1	0		22.47	22.65	22.38		0.0303	0.0316	0.0297
10	QPSK	1	25		22.57	22.62	22.39		0.0310	0.0314	0.0298
10	QPSK	1	49		22.51	22.68	22.33		0.0306	0.0318	0.0294
10	QPSK	25	0		21.55	21.65	21.52		0.0245	0.0251	0.0244
10	QPSK	25	12		21.48	21.70	21.34		0.0242	0.0254	0.0234
10	QPSK	25	25		21.54	21.55	21.46		0.0245	0.0245	0.0240
10	QPSK	50	0		21.52	21.59	21.38		0.0244	0.0248	0.0236
10	16QAM	1	0		21.52	21.50	22.02		0.0244	0.0243	0.0274
10	16QAM	1	25		22.14	21.74	21.59		0.0281	0.0256	0.0248
10	16QAM	1	49		21.46	22.04	21.81		0.0240	0.0275	0.0261
10	16QAM	25	0		20.51	20.55	20.52		0.0193	0.0195	0.0194
10	16QAM	25	12		20.61	20.59	20.56		0.0198	0.0197	0.0195
10	16QAM	25	25		20.61	20.76	20.47		0.0198	0.0205	0.0191
10	16QAM	50	0		20.52	20.61	20.35		0.0194	0.0198	0.0186
10	64QAM	1	0		20.21	20.84	20.55		0.0180	0.0208	0.0195
10	64QAM	1	25		20.89	20.65	20.60		0.0211	0.0200	0.0197
10	64QAM	1	49		20.41	20.97	20.73		0.0189	0.0215	0.0203
10	64QAM	25	0		19.61	19.63	19.45		0.0157	0.0158	0.0151
10	64QAM	25	12		19.48	19.74	19.38		0.0152	0.0162	0.0149
10	64QAM	25	25		19.49	19.61	19.45		0.0153	0.0157	0.0151
10	64QAM	50	0		19.52	19.46	19.51		0.0154	0.0152	0.0153
Channel				26790	26815	26915	27015	ERP(W)			
Frequency (MHz)				824	826.5	836.5	846.5	Straddle Ch	L	M	H
5	QPSK	1	0		22.52	22.55	22.40		0.0307	0.0309	0.0299
5	QPSK	1	12		22.48	22.63	22.40		0.0304	0.0315	0.0299
5	QPSK	1	24		22.35	22.55	22.47		0.0295	0.0309	0.0303
5	QPSK	12	0		21.62	21.67	21.57		0.0249	0.0252	0.0247
5	QPSK	12	7		21.61	21.62	21.34		0.0249	0.0249	0.0234
5	QPSK	12	13		21.58	21.64	21.32		0.0247	0.0251	0.0233
5	QPSK	25	0		21.67	21.65	21.45		0.0252	0.0251	0.0240
5	16QAM	1	0		21.64	21.49	22.09		0.0251	0.0242	0.0278
5	16QAM	1	12		22.03	21.64	21.64		0.0274	0.0251	0.0251
5	16QAM	1	24		21.38	22.15	21.81		0.0236	0.0282	0.0261
5	16QAM	12	0		20.61	20.56	20.56		0.0198	0.0195	0.0195
5	16QAM	12	7		20.66	20.57	20.39		0.0200	0.0196	0.0188
5	16QAM	12	13		20.56	20.71	20.33		0.0195	0.0202	0.0185
5	16QAM	25	0		20.54	20.76	20.44		0.0195	0.0205	0.0190
5	64QAM	1	0		20.36	20.83	20.41		0.0187	0.0208	0.0189
5	64QAM	1	12		20.88	20.62	20.72		0.0210	0.0198	0.0203
5	64QAM	1	24		20.56	20.83	20.59		0.0195	0.0208	0.0197



5	64QAM	12	0		19.59	19.63	19.49		0.0156	0.0158	0.0153
5	64QAM	12	7		19.60	19.62	19.46		0.0157	0.0157	0.0152
5	64QAM	12	13		19.43	19.57	19.52		0.0151	0.0156	0.0154
5	64QAM	25	0		19.48	19.57	19.44		0.0152	0.0156	0.0151
Channel				26790	26815	26915	27025	ERP(W)			
Frequency (MHz)				824	825.5	836.5	847.5	Straddle Ch	L	M	H
3	QPSK	1	0		22.55	22.71	22.30		0.0309	0.0321	0.0292
3	QPSK	1	8		22.42	22.70	22.49		0.0300	0.0320	0.0305
3	QPSK	1	14		22.37	22.69	22.47		0.0296	0.0319	0.0303
3	QPSK	8	0		21.52	21.74	21.52		0.0244	0.0256	0.0244
3	QPSK	8	4		21.56	21.72	21.32		0.0246	0.0255	0.0233
3	QPSK	8	7		21.49	21.72	21.34		0.0242	0.0255	0.0234
3	QPSK	15	0		21.60	21.69	21.35		0.0248	0.0254	0.0234
3	16QAM	1	0		21.60	21.46	22.09		0.0248	0.0240	0.0278
3	16QAM	1	8		22.07	21.76	21.61		0.0277	0.0258	0.0249
3	16QAM	1	14		21.45	22.13	21.72		0.0240	0.0281	0.0255
3	16QAM	8	0		20.67	20.64	20.39		0.0200	0.0199	0.0188
3	16QAM	8	4		20.53	20.45	20.38		0.0194	0.0191	0.0187
3	16QAM	8	7		20.67	20.61	20.35		0.0200	0.0198	0.0186
3	16QAM	15	0		20.45	20.61	20.36		0.0191	0.0198	0.0187
3	64QAM	1	0		20.35	20.92	20.54		0.0186	0.0212	0.0195
3	64QAM	1	8		20.82	20.58	20.70		0.0207	0.0196	0.0202
3	64QAM	1	14		20.46	20.90	20.53		0.0191	0.0211	0.0194
3	64QAM	8	0		19.49	19.59	19.49		0.0153	0.0156	0.0153
3	64QAM	8	4		19.64	19.54	19.39		0.0158	0.0155	0.0149
3	64QAM	8	7		19.51	19.66	19.43		0.0153	0.0159	0.0151
3	64QAM	15	0		19.56	19.56	19.55		0.0155	0.0155	0.0155
Channel				26790	26797	26915	27033	ERP(W)			
Frequency (MHz)				824	824.7	836.5	848.3	Straddle Ch	L	M	H
1.4	QPSK	1	0		22.49	22.53	22.18		0.0305	0.0308	0.0284
1.4	QPSK	1	3		22.65	22.47	22.45		0.0316	0.0303	0.0302
1.4	QPSK	1	5		22.68	22.42	22.36		0.0318	0.0300	0.0296
1.4	QPSK	3	0		22.60	22.55	22.46		0.0313	0.0309	0.0303
1.4	QPSK	3	1		22.67	22.51	22.28		0.0318	0.0306	0.0290
1.4	QPSK	3	3		22.65	22.43	22.33		0.0316	0.0301	0.0294
1.4	QPSK	6	0		21.65	21.52	21.30		0.0251	0.0244	0.0232
1.4	16QAM	1	0		21.56	22.09	21.54		0.0246	0.0278	0.0245
1.4	16QAM	1	3		21.87	21.74	21.25		0.0264	0.0256	0.0229
1.4	16QAM	1	5		21.92	22.03	21.64		0.0267	0.0274	0.0251
1.4	16QAM	3	0		21.68	21.57	21.41		0.0253	0.0247	0.0238
1.4	16QAM	3	1		21.65	21.54	21.39		0.0251	0.0245	0.0237
1.4	16QAM	3	3		21.72	21.45	21.38		0.0255	0.0240	0.0236
1.4	16QAM	6	0		20.70	20.49	20.49		0.0202	0.0192	0.0192
1.4	64QAM	1	0		20.79	20.75	20.35		0.0206	0.0204	0.0186
1.4	64QAM	1	3		20.66	20.24	20.62		0.0200	0.0182	0.0198
1.4	64QAM	1	5		20.68	20.84	20.66		0.0201	0.0208	0.0200
1.4	64QAM	3	0		20.66	20.69	20.50		0.0200	0.0201	0.0193



1.4	64QAM	3	1		20.86	20.73	20.52		0.0209	0.0203	0.0194
1.4	64QAM	3	3		20.69	20.70	20.42		0.0201	0.0202	0.0189
1.4	64QAM	6	0		19.63	19.61	19.33		0.0158	0.0157	0.0147

LTE Band 66_ANT1:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				132072	132322	132572			
Frequency (MHz)				1720	1745	1770	L	M	H
20	QPSK	1	0	22.34	22.26	22.26	0.1057	0.1038	0.1038
20	QPSK	1	49	22.47	22.60	22.49	0.1089	0.1122	0.1094
20	QPSK	1	99	22.31	22.19	22.27	0.1050	0.1021	0.1040
20	QPSK	50	0	21.48	21.49	21.41	0.0867	0.0869	0.0853
20	QPSK	50	24	21.47	21.46	21.39	0.0865	0.0863	0.0849
20	QPSK	50	50	21.40	21.31	21.27	0.0851	0.0834	0.0826
20	QPSK	100	0	21.32	21.38	21.33	0.0836	0.0847	0.0838
20	16QAM	1	0	21.86	21.78	21.90	0.0946	0.0929	0.0955
20	16QAM	1	49	21.88	21.41	21.33	0.0951	0.0853	0.0838
20	16QAM	1	99	21.27	21.38	21.74	0.0826	0.0847	0.0920
20	16QAM	50	0	20.39	20.44	20.41	0.0675	0.0682	0.0678
20	16QAM	50	24	20.43	20.38	20.39	0.0681	0.0673	0.0675
20	16QAM	50	50	20.27	20.35	20.19	0.0656	0.0668	0.0644
20	16QAM	100	0	20.38	20.35	20.26	0.0673	0.0668	0.0655
20	64QAM	1	0	20.53	20.63	20.39	0.0697	0.0713	0.0675
20	64QAM	1	49	20.53	20.62	20.68	0.0697	0.0711	0.0721
20	64QAM	1	99	20.57	20.26	20.40	0.0703	0.0655	0.0676
20	64QAM	50	0	19.31	19.39	19.38	0.0526	0.0536	0.0535
20	64QAM	50	24	19.36	19.40	19.42	0.0532	0.0537	0.0540
20	64QAM	50	50	19.33	19.27	19.25	0.0528	0.0521	0.0519
20	64QAM	100	0	19.31	19.26	19.28	0.0526	0.0520	0.0522
Channel				132047	132322	132597	EIRP(W)		
Frequency (MHz)				1717.5	1745	1772.5	L	M	H
15	QPSK	1	0	22.44	22.30	22.29	0.1081	0.1047	0.1045
15	QPSK	1	37	22.47	22.34	22.29	0.1089	0.1057	0.1045
15	QPSK	1	74	22.32	22.13	22.29	0.1052	0.1007	0.1045
15	QPSK	36	0	21.53	21.44	21.51	0.0877	0.0859	0.0873
15	QPSK	36	20	21.44	21.37	21.38	0.0859	0.0845	0.0847
15	QPSK	36	39	21.41	21.41	21.32	0.0853	0.0853	0.0836
15	QPSK	75	0	21.25	21.40	21.37	0.0822	0.0851	0.0845
15	16QAM	1	0	21.82	21.72	21.88	0.0938	0.0916	0.0951
15	16QAM	1	37	21.90	21.34	21.40	0.0955	0.0839	0.0851
15	16QAM	1	74	21.23	21.28	21.83	0.0818	0.0828	0.0940
15	16QAM	36	0	20.40	20.46	20.43	0.0676	0.0685	0.0681
15	16QAM	36	20	20.51	20.36	20.49	0.0693	0.0670	0.0690
15	16QAM	36	39	20.17	20.40	20.19	0.0641	0.0676	0.0644



15	16QAM	75	0	20.35	20.34	20.36	0.0668	0.0667	0.0670
15	64QAM	1	0	20.60	20.60	20.46	0.0708	0.0708	0.0685
15	64QAM	1	37	20.52	20.72	20.58	0.0695	0.0728	0.0705
15	64QAM	1	74	20.58	20.30	20.38	0.0705	0.0661	0.0673
15	64QAM	36	0	19.34	19.44	19.31	0.0530	0.0542	0.0526
15	64QAM	36	20	19.34	19.38	19.40	0.0530	0.0535	0.0537
15	64QAM	36	39	19.29	19.32	19.35	0.0524	0.0527	0.0531
15	64QAM	75	0	19.38	19.24	19.27	0.0535	0.0518	0.0521
Channel				132022	132322	132622	EIRP(W)		
Frequency (MHz)				1715	1745	1775	L	M	H
10	QPSK	1	0	22.30	22.27	22.35	0.1047	0.1040	0.1059
10	QPSK	1	25	22.43	22.24	22.39	0.1079	0.1033	0.1069
10	QPSK	1	49	22.27	22.14	22.31	0.1040	0.1009	0.1050
10	QPSK	25	0	21.54	21.46	21.40	0.0879	0.0863	0.0851
10	QPSK	25	12	21.47	21.42	21.32	0.0865	0.0855	0.0836
10	QPSK	25	25	21.49	21.21	21.27	0.0869	0.0815	0.0826
10	QPSK	50	0	21.24	21.30	21.37	0.0820	0.0832	0.0845
10	16QAM	1	0	21.94	21.68	21.95	0.0964	0.0908	0.0966
10	16QAM	1	25	21.80	21.48	21.26	0.0933	0.0867	0.0824
10	16QAM	1	49	21.20	21.42	21.76	0.0813	0.0855	0.0925
10	16QAM	25	0	20.29	20.45	20.37	0.0659	0.0684	0.0671
10	16QAM	25	12	20.43	20.36	20.37	0.0681	0.0670	0.0671
10	16QAM	25	25	20.34	20.27	20.15	0.0667	0.0656	0.0638
10	16QAM	50	0	20.38	20.39	20.31	0.0673	0.0675	0.0662
10	64QAM	1	0	20.47	20.60	20.41	0.0687	0.0708	0.0678
10	64QAM	1	25	20.45	20.56	20.59	0.0684	0.0701	0.0706
10	64QAM	1	49	20.50	20.23	20.42	0.0692	0.0650	0.0679
10	64QAM	25	0	19.27	19.41	19.35	0.0521	0.0538	0.0531
10	64QAM	25	12	19.35	19.49	19.49	0.0531	0.0548	0.0548
10	64QAM	25	25	19.25	19.35	19.25	0.0519	0.0531	0.0519
10	64QAM	50	0	19.41	19.20	19.20	0.0538	0.0513	0.0513
Channel				131997	132322	132647	EIRP(W)		
Frequency (MHz)				1712.5	1745	1777.5	L	M	H
5	QPSK	1	0	22.25	22.25	22.36	0.1035	0.1035	0.1062
5	QPSK	1	12	22.27	22.30	22.33	0.1040	0.1047	0.1054
5	QPSK	1	24	22.29	22.26	22.24	0.1045	0.1038	0.1033
5	QPSK	12	0	21.55	21.53	21.51	0.0881	0.0877	0.0873
5	QPSK	12	7	21.54	21.53	21.49	0.0879	0.0877	0.0869
5	QPSK	12	13	21.44	21.39	21.32	0.0859	0.0849	0.0836
5	QPSK	25	0	21.26	21.41	21.26	0.0824	0.0853	0.0824
5	16QAM	1	0	21.83	21.87	21.88	0.0940	0.0948	0.0951
5	16QAM	1	12	21.98	21.36	21.35	0.0973	0.0843	0.0841
5	16QAM	1	24	21.32	21.47	21.80	0.0836	0.0865	0.0933
5	16QAM	12	0	20.45	20.49	20.41	0.0684	0.0690	0.0678
5	16QAM	12	7	20.53	20.41	20.40	0.0697	0.0678	0.0676
5	16QAM	12	13	20.33	20.35	20.17	0.0665	0.0668	0.0641
5	16QAM	25	0	20.45	20.40	20.17	0.0684	0.0676	0.0641



5	64QAM	1	0	20.46	20.55	20.29	0.0685	0.0700	0.0659
5	64QAM	1	12	20.49	20.59	20.78	0.0690	0.0706	0.0738
5	64QAM	1	24	20.67	20.18	20.49	0.0719	0.0643	0.0690
5	64QAM	12	0	19.36	19.46	19.39	0.0532	0.0545	0.0536
5	64QAM	12	7	19.27	19.41	19.48	0.0521	0.0538	0.0547
5	64QAM	12	13	19.39	19.33	19.23	0.0536	0.0528	0.0516
5	64QAM	25	0	19.35	19.26	19.21	0.0531	0.0520	0.0514
Channel				131987	132322	132657	EIRP(W)		
Frequency (MHz)				1711.5	1745	1778.5	L	M	H
3	QPSK	1	0	22.25	22.27	22.18	0.1035	0.1040	0.1019
3	QPSK	1	8	22.43	22.20	22.24	0.1079	0.1023	0.1033
3	QPSK	1	14	22.26	22.29	22.20	0.1038	0.1045	0.1023
3	QPSK	8	0	21.47	21.55	21.46	0.0865	0.0881	0.0863
3	QPSK	8	4	21.52	21.50	21.36	0.0875	0.0871	0.0843
3	QPSK	8	7	21.47	21.21	21.17	0.0865	0.0815	0.0807
3	QPSK	15	0	21.27	21.31	21.42	0.0826	0.0834	0.0855
3	16QAM	1	0	21.96	21.88	21.95	0.0968	0.0951	0.0966
3	16QAM	1	8	21.80	21.33	21.36	0.0933	0.0838	0.0843
3	16QAM	1	14	21.35	21.36	21.66	0.0841	0.0843	0.0904
3	16QAM	8	0	20.42	20.51	20.43	0.0679	0.0693	0.0681
3	16QAM	8	4	20.37	20.31	20.38	0.0671	0.0662	0.0673
3	16QAM	8	7	20.27	20.41	20.27	0.0656	0.0678	0.0656
3	16QAM	15	0	20.41	20.27	20.35	0.0678	0.0656	0.0668
3	64QAM	1	0	20.43	20.53	20.32	0.0681	0.0697	0.0664
3	64QAM	1	8	20.47	20.64	20.63	0.0687	0.0714	0.0713
3	64QAM	1	14	20.66	20.22	20.34	0.0718	0.0649	0.0667
3	64QAM	8	0	19.28	19.36	19.41	0.0522	0.0532	0.0538
3	64QAM	8	4	19.44	19.31	19.34	0.0542	0.0526	0.0530
3	64QAM	8	7	19.27	19.23	19.33	0.0521	0.0516	0.0528
3	64QAM	15	0	19.27	19.18	19.31	0.0521	0.0511	0.0526
Channel				131979	132322	132665	EIRP(W)		
Frequency (MHz)				1710.7	1745	1779.3	L	M	H
1.4	QPSK	1	0	22.35	22.39	22.41	0.1059	0.1069	0.1074
1.4	QPSK	1	3	22.30	22.57	22.48	0.1047	0.1114	0.1091
1.4	QPSK	1	5	22.37	22.36	22.29	0.1064	0.1062	0.1045
1.4	QPSK	3	0	22.39	22.51	22.44	0.1069	0.1099	0.1081
1.4	QPSK	3	1	22.41	22.54	22.38	0.1074	0.1107	0.1067
1.4	QPSK	3	3	22.43	22.47	22.39	0.1079	0.1089	0.1069
1.4	QPSK	6	0	21.36	21.45	21.34	0.0843	0.0861	0.0839
1.4	16QAM	1	0	21.67	21.84	21.89	0.0906	0.0942	0.0953
1.4	16QAM	1	3	21.56	21.38	21.62	0.0883	0.0847	0.0895
1.4	16QAM	1	5	21.32	21.89	21.53	0.0836	0.0953	0.0877
1.4	16QAM	3	0	21.41	21.43	21.37	0.0853	0.0857	0.0845
1.4	16QAM	3	1	21.46	21.53	21.46	0.0863	0.0877	0.0863
1.4	16QAM	3	3	21.29	21.50	21.37	0.0830	0.0871	0.0845
1.4	16QAM	6	0	20.33	20.40	20.31	0.0665	0.0676	0.0662
1.4	64QAM	1	0	20.56	20.70	20.68	0.0701	0.0724	0.0721



1.4	64QAM	1	3	20.10	20.53	20.49	0.0631	0.0697	0.0690
1.4	64QAM	1	5	20.72	20.55	20.37	0.0728	0.0700	0.0671
1.4	64QAM	3	0	20.34	20.50	20.53	0.0667	0.0692	0.0697
1.4	64QAM	3	1	20.11	20.72	20.47	0.0632	0.0728	0.0687
1.4	64QAM	3	3	20.45	20.44	20.42	0.0684	0.0682	0.0679
1.4	64QAM	6	0	19.41	19.41	19.28	0.0538	0.0538	0.0522



LTE Band 25

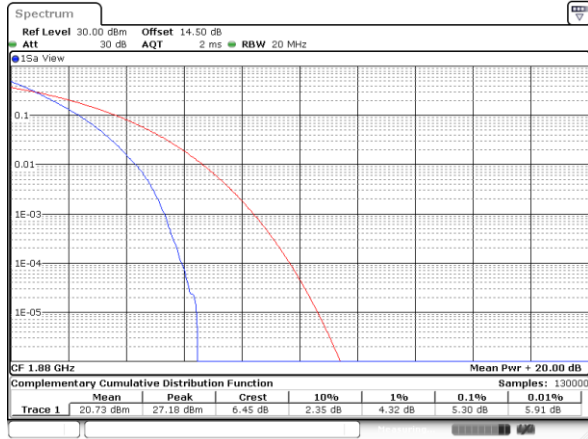
Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.30	6.20	6.35	PASS



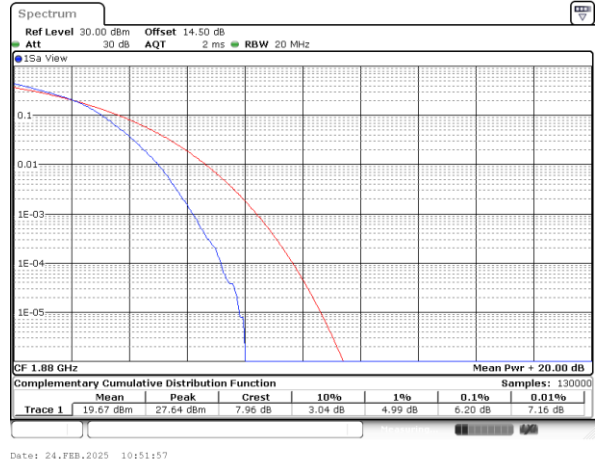
LTE Band 25 / 20MHz / QPSK

Middle Channel / Full RB



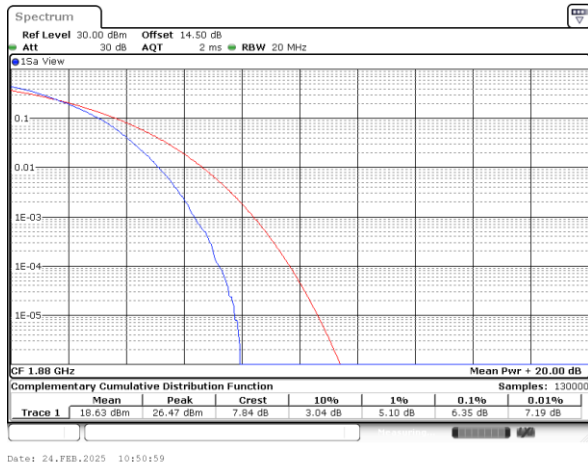
LTE Band 25 / 20MHz / 16QAM

Middle Channel / Full RB



LTE Band 25 / 20MHz / 64QAM

Middle Channel / Full RB





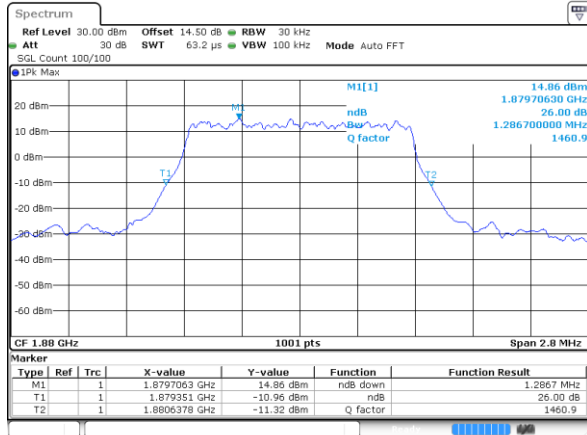
26dB Bandwidth

Mode	LTE Band 25 : 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	1.29	1.28	3.00	2.96	4.90	4.90	9.63	9.89	14.27	14.48	18.94	18.78



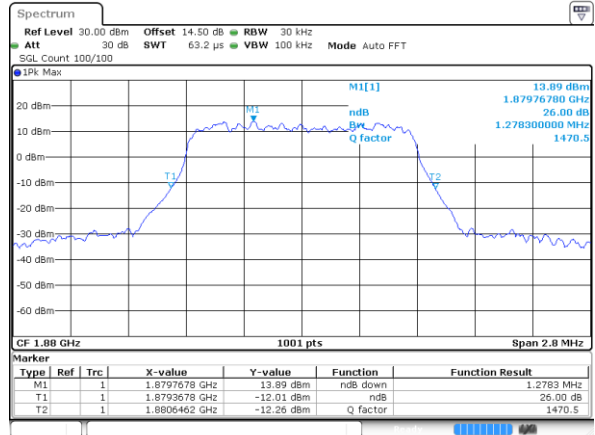
LTE Band 25

Middle Channel / 1.4MHz / QPSK



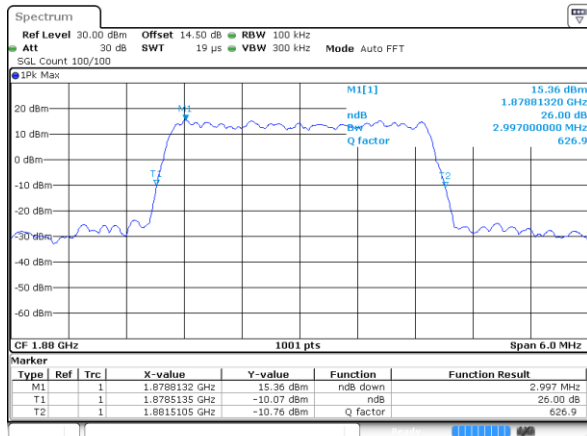
Date: 21 FEB 2025 13:30:38

Middle Channel / 1.4MHz / 16QAM



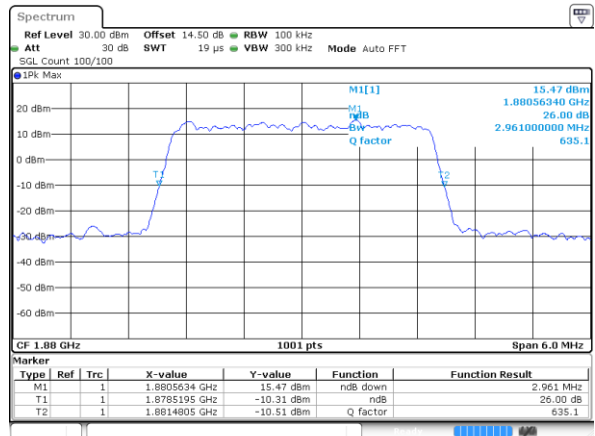
Date: 21 FEB 2025 13:31:17

Middle Channel / 3MHz / QPSK



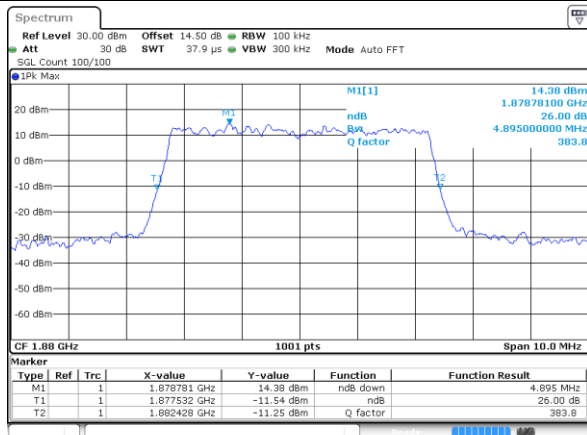
Date: 21 FEB 2025 13:43:56

Middle Channel / 3MHz / 16QAM



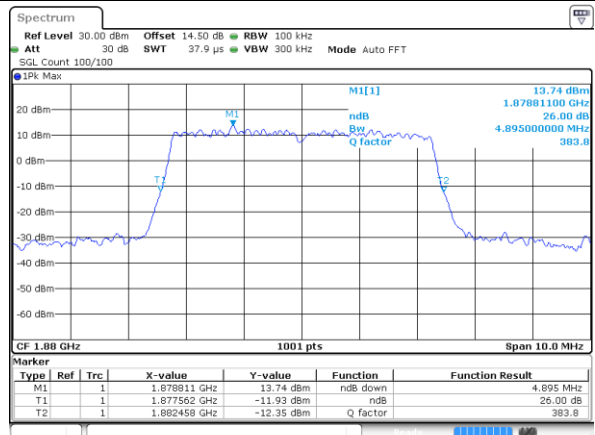
Date: 21 FEB 2025 13:44:35

Middle Channel / 5MHz / QPSK



Date: 21 FEB 2025 13:57:13

Middle Channel / 5MHz / 16QAM

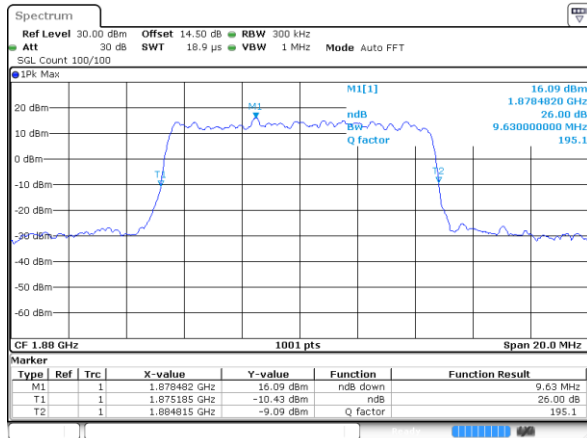


Date: 21 FEB 2025 13:57:53



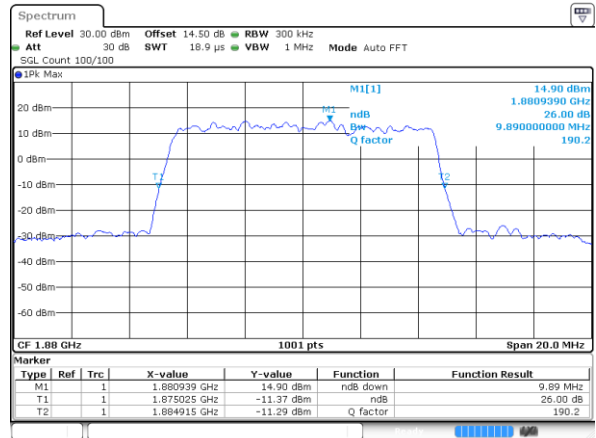
LTE Band 25

Middle Channel / 10MHz / QPSK



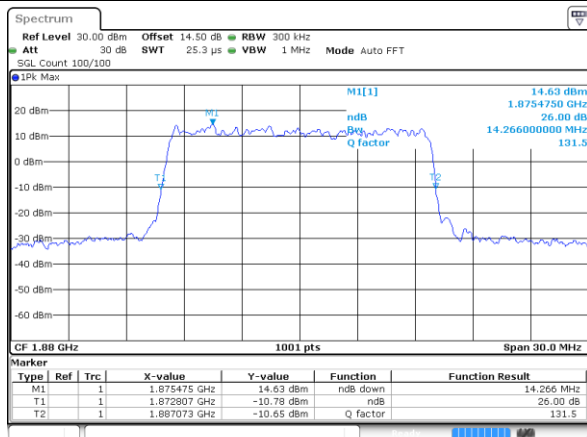
Date: 21 FEB 2025 14:10:31

Middle Channel / 10MHz / 16QAM



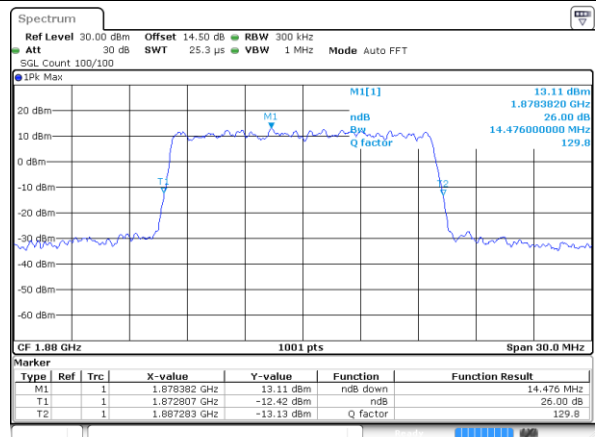
Date: 21 FEB 2025 14:11:11

Middle Channel / 15MHz / QPSK



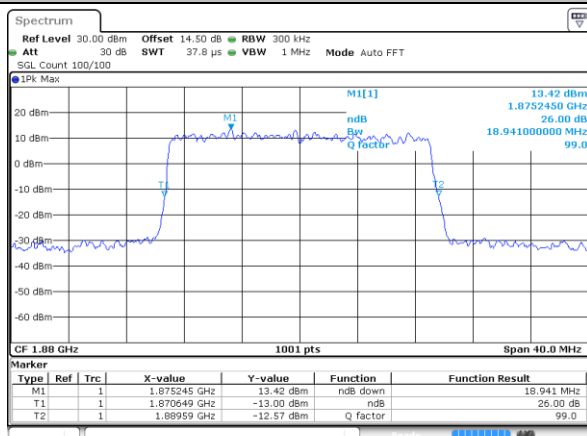
Date: 21 FEB 2025 14:23:49

Middle Channel / 15MHz / 16QAM



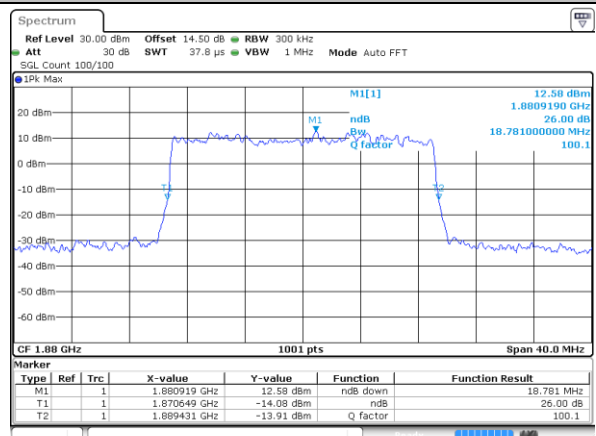
Date: 21 FEB 2025 14:24:29

Middle Channel / 20MHz / QPSK



Date: 21 FEB 2025 14:37:06

Middle Channel / 20MHz / 16QAM



Date: 21 FEB 2025 14:37:46



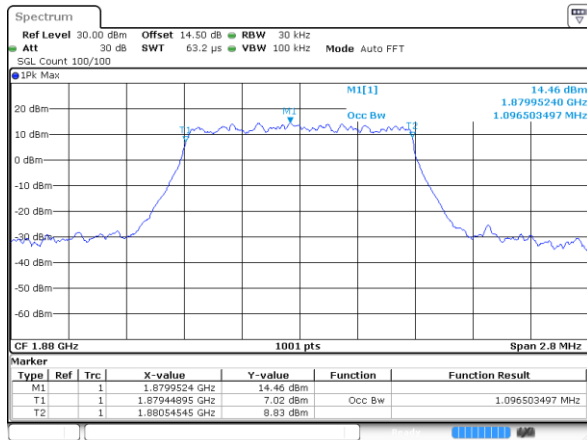
Occupied Bandwidth

Mode	LTE Band 25 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.10	1.11	2.71	2.72	4.49	4.49	9.05	9.03	13.46	13.37	17.86	17.90



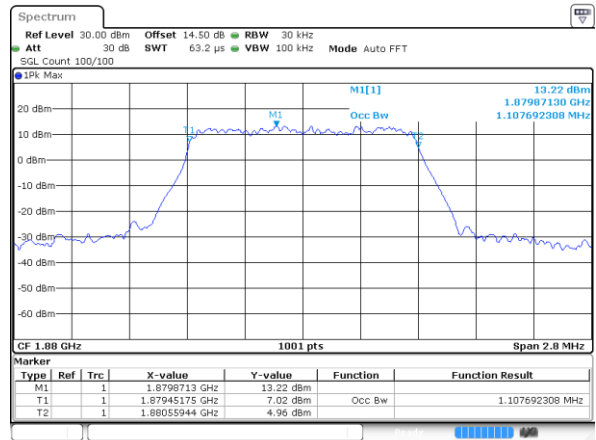
LTE Band 25

Middle Channel / 1.4MHz / QPSK



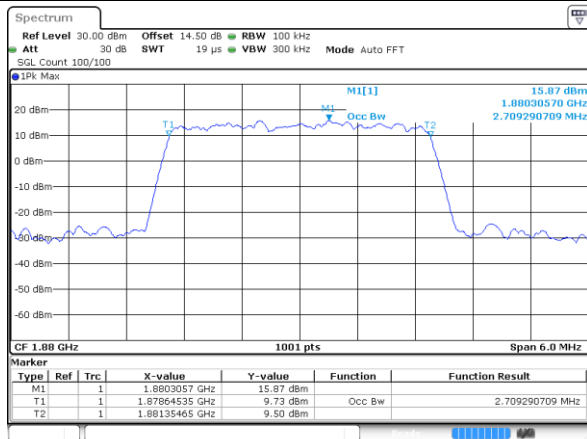
Date: 21 FEB 2025 13:30:24

Middle Channel / 1.4MHz / 16QAM



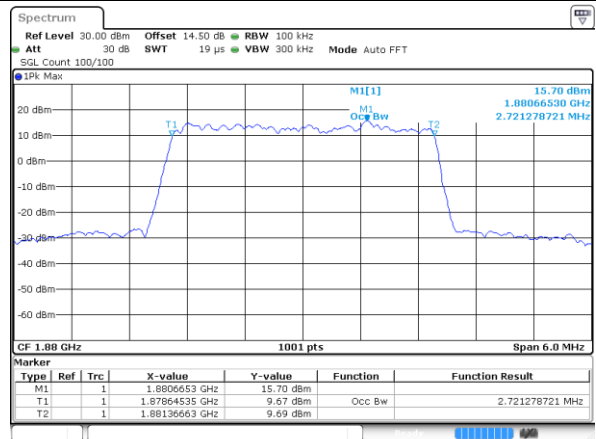
Date: 21 FEB 2025 13:31:04

Middle Channel / 3MHz / QPSK



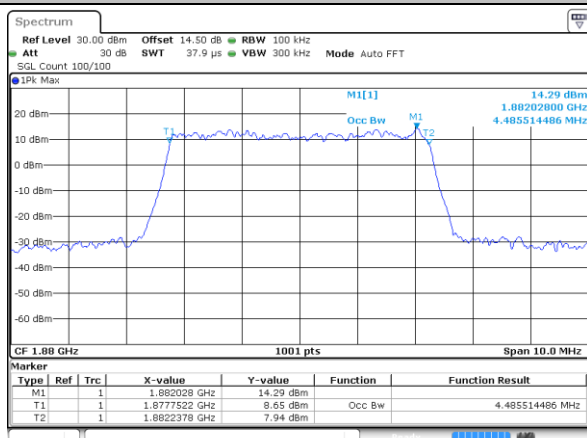
Date: 21 FEB 2025 13:43:42

Middle Channel / 3MHz / 16QAM



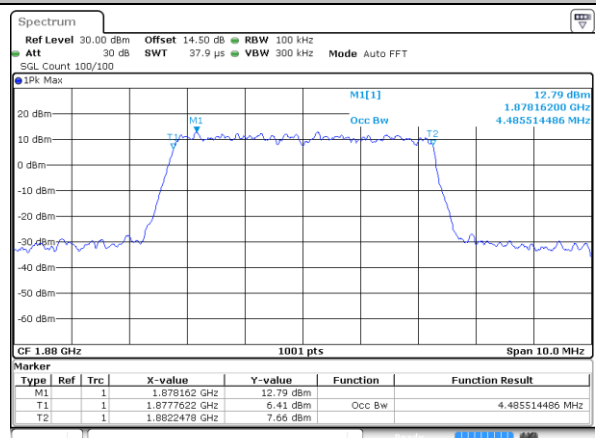
Date: 21 FEB 2025 13:44:22

Middle Channel / 5MHz / QPSK



Date: 21 FEB 2025 13:56:59

Middle Channel / 5MHz / 16QAM

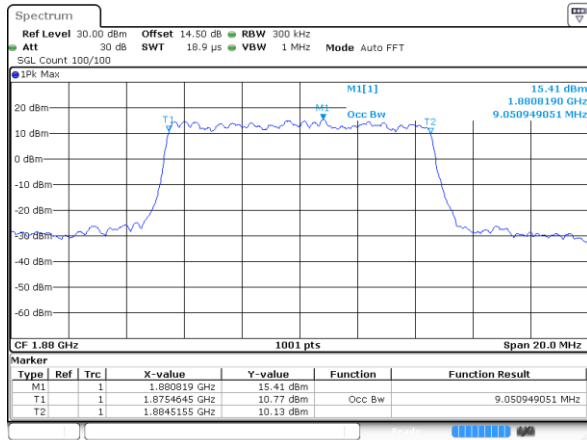


Date: 21 FEB 2025 13:57:39

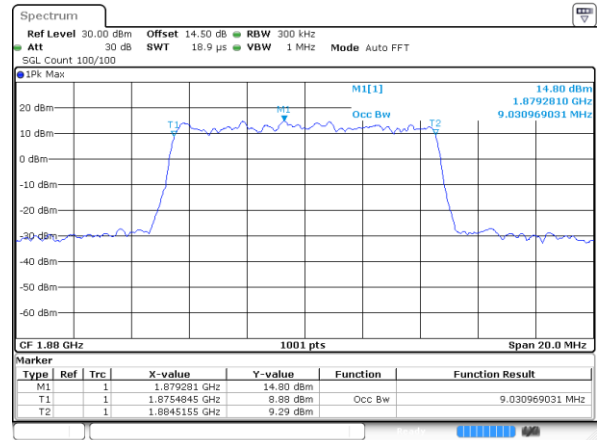


LTE Band 25

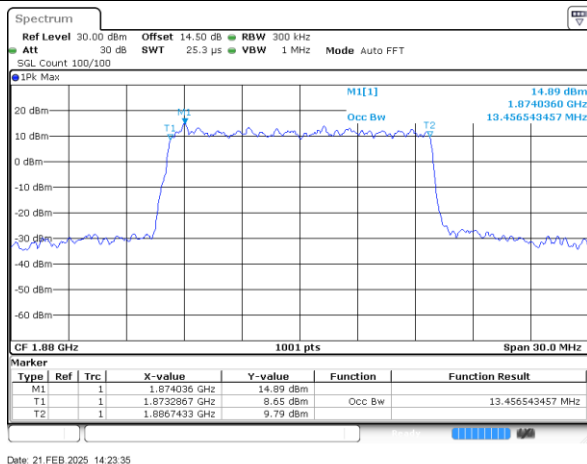
Middle Channel / 10MHz / QPSK



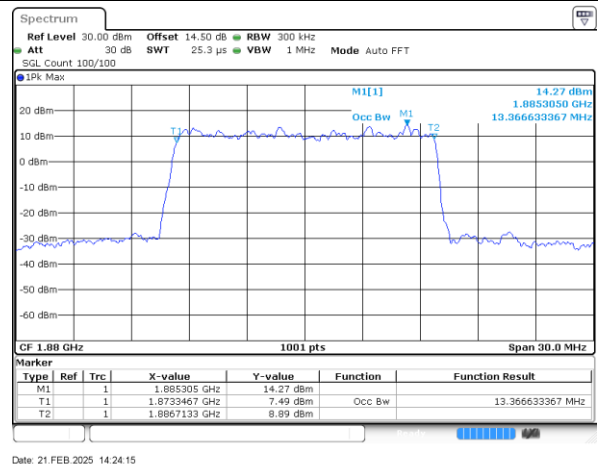
Middle Channel / 10MHz / 16QAM



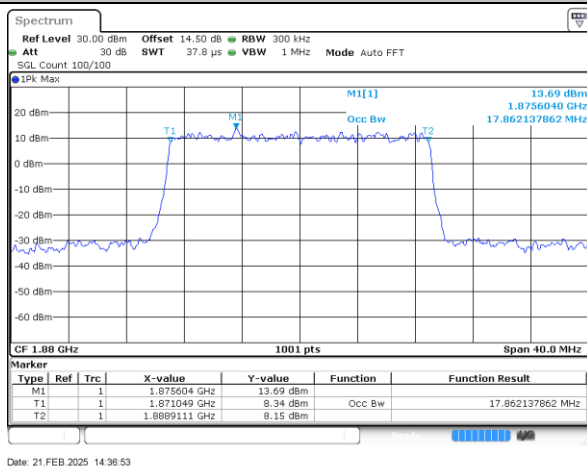
Middle Channel / 15MHz / QPSK



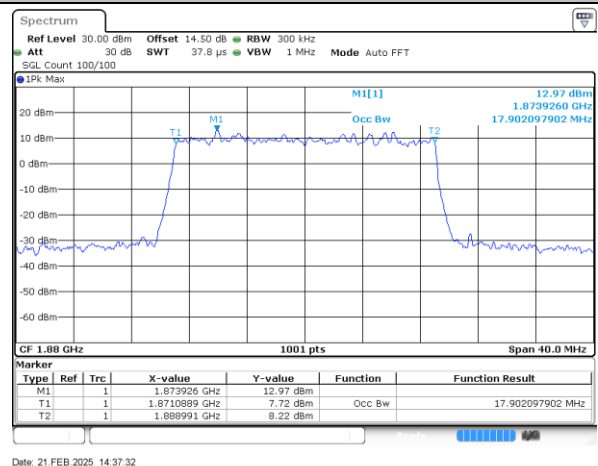
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

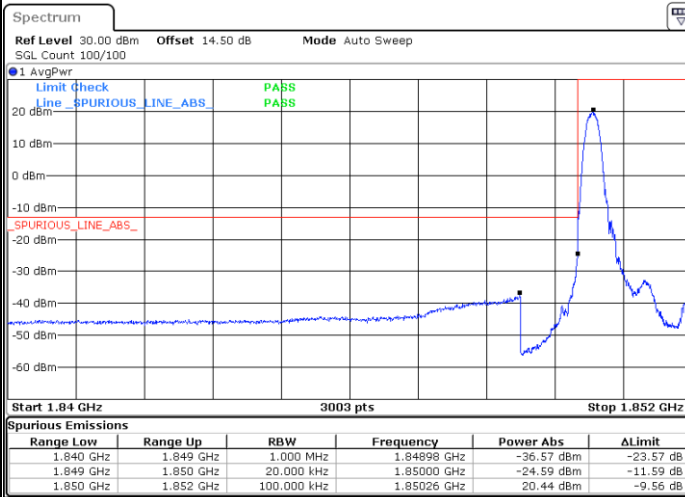




Conducted Band Edge

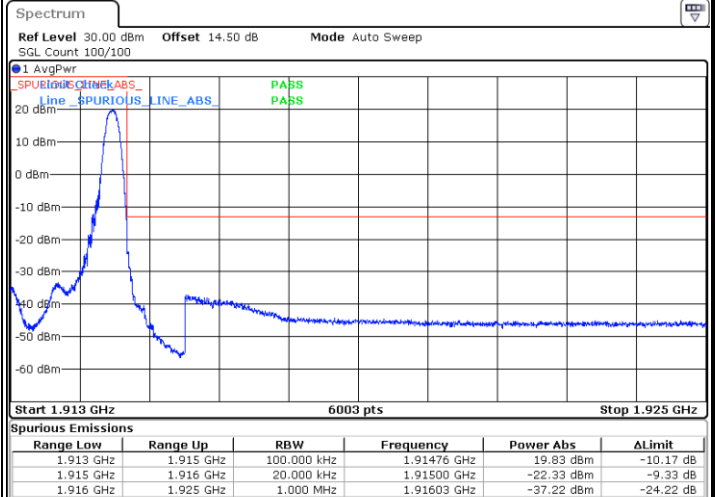
LTE Band 25 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



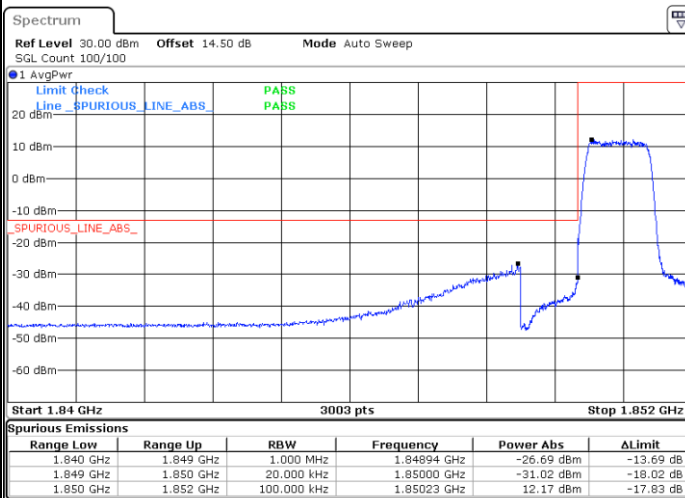
Date: 21 FEB 2025 13:24:30

Highest Band Edge / 1RB



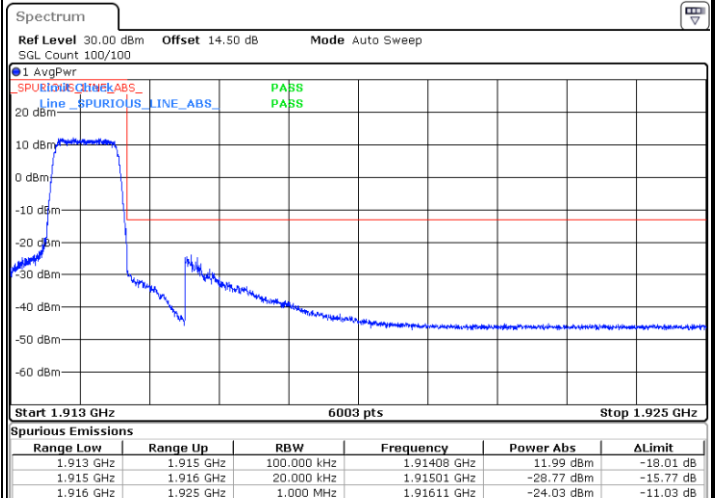
Date: 21 FEB 2025 13:31:57

Lowest Band Edge / Full RB



Date: 21 FEB 2025 13:27:57

Highest Band Edge / Full RB

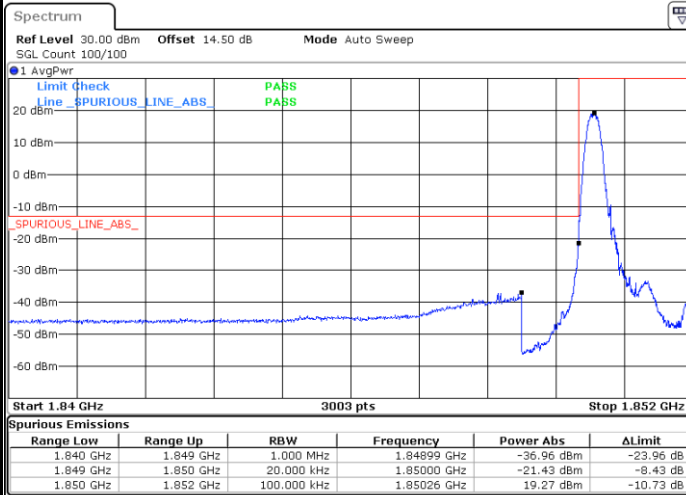


Date: 21 FEB 2025 13:35:24

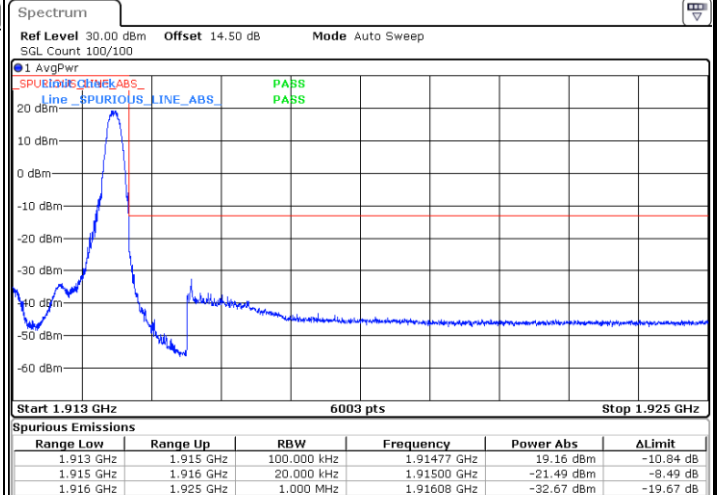


LTE Band 25 / 1.4MHz / 16QAM

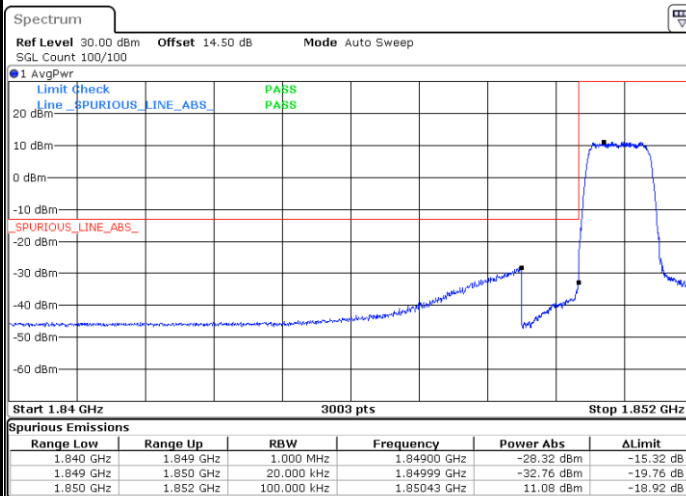
Lowest Band Edge / 1 RB



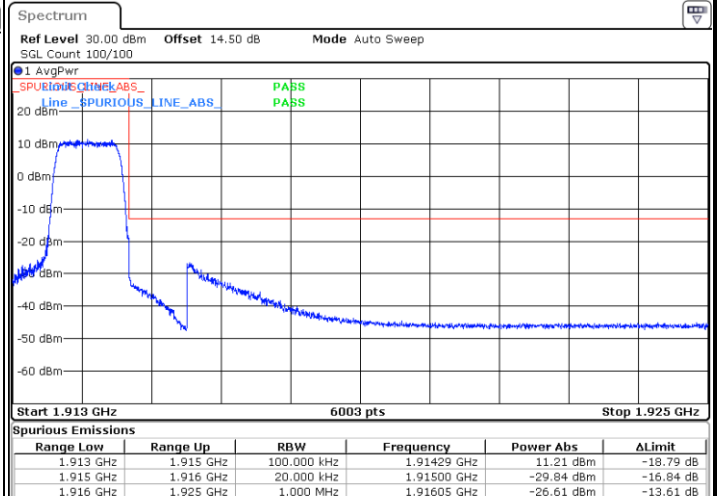
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



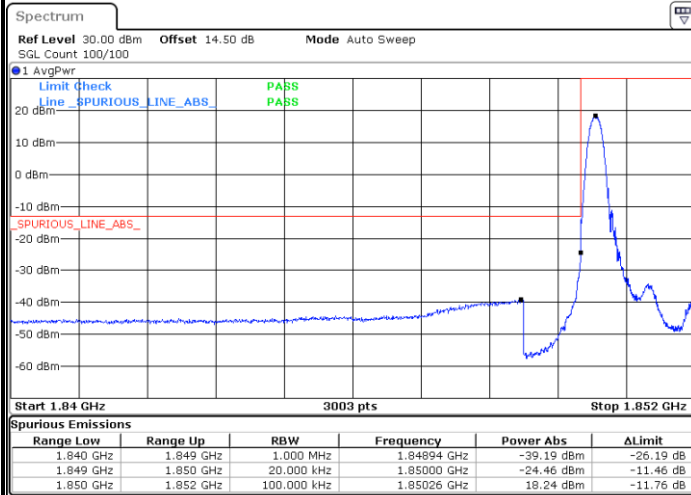
Highest Band Edge / Full RB



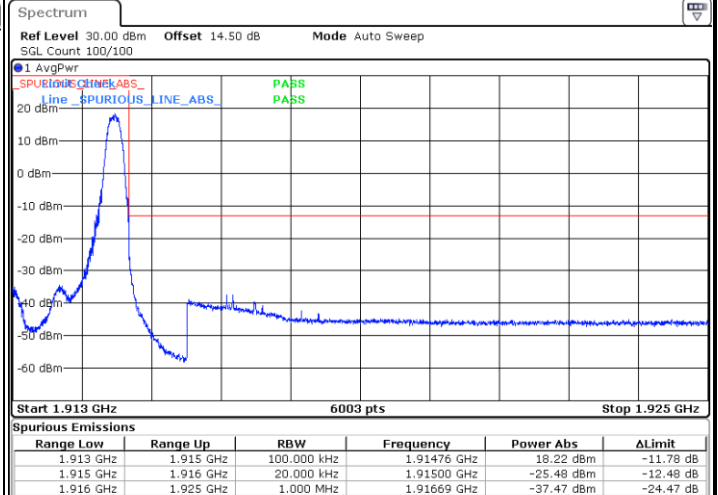


LTE Band 25 / 1.4MHz / 64QAM

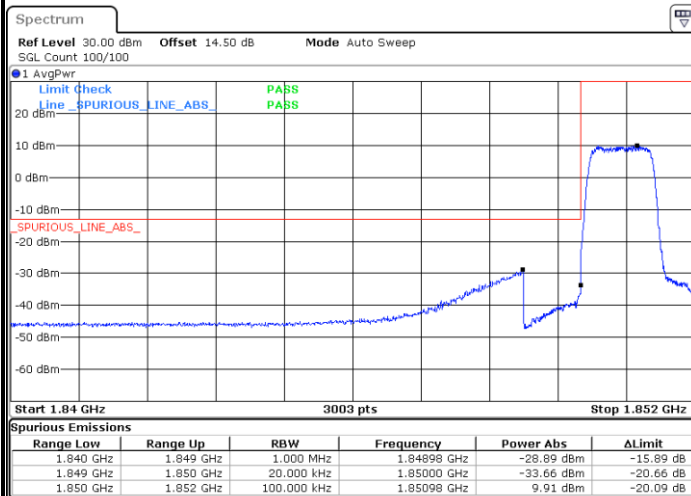
Lowest Band Edge / 1 RB



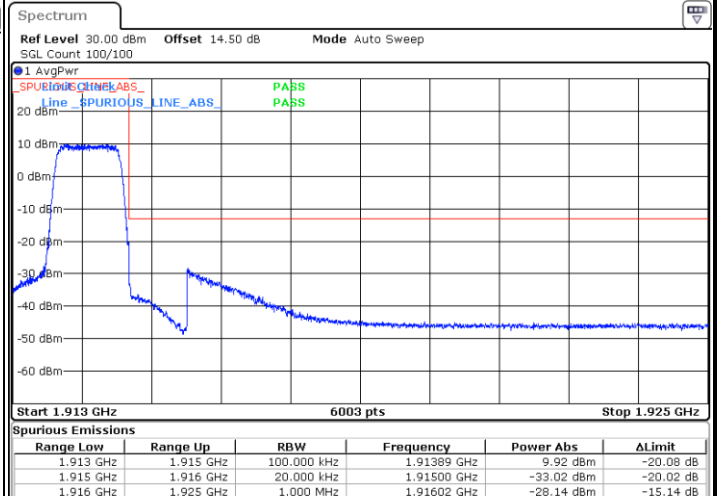
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



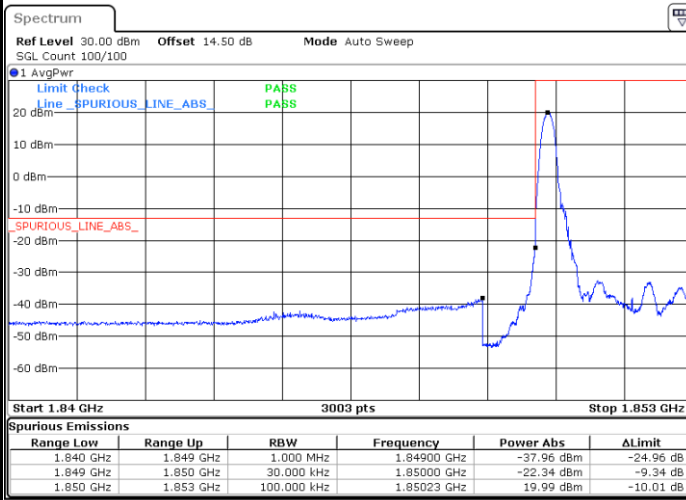
Highest Band Edge / Full RB





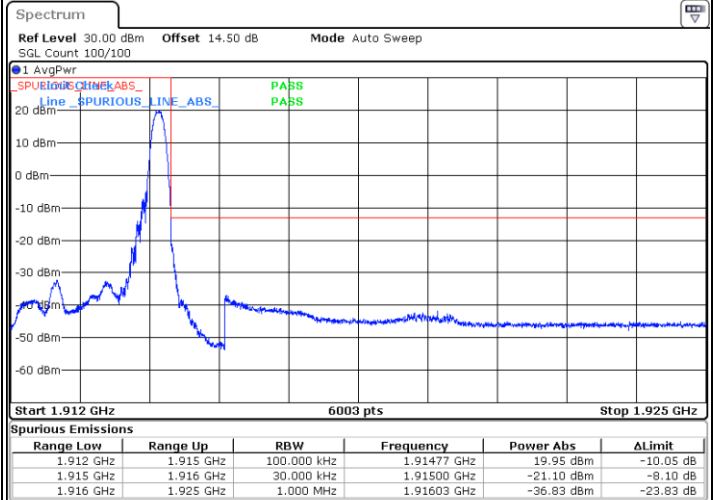
LTE Band 25 / 3MHz / QPSK

Lowest Band Edge / 1RB



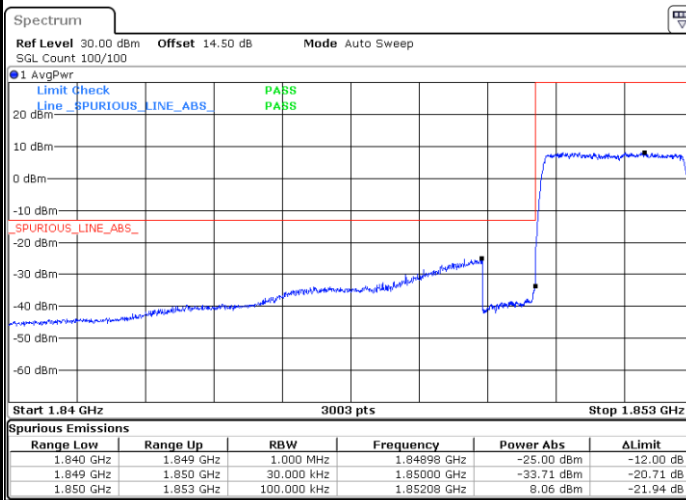
Date: 21.FEB.2025 13:37:48

Highest Band Edge / 1RB



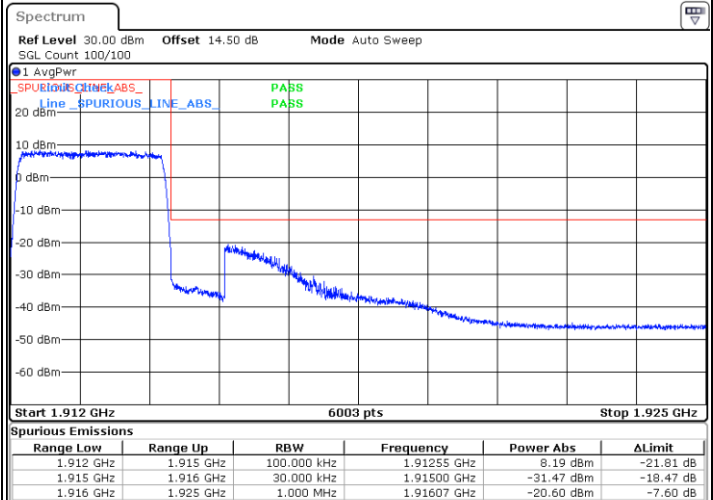
Date: 21.FEB.2025 13:45:15

Lowest Band Edge / Full RB



Date: 21.FEB.2025 13:41:15

Highest Band Edge / Full RB

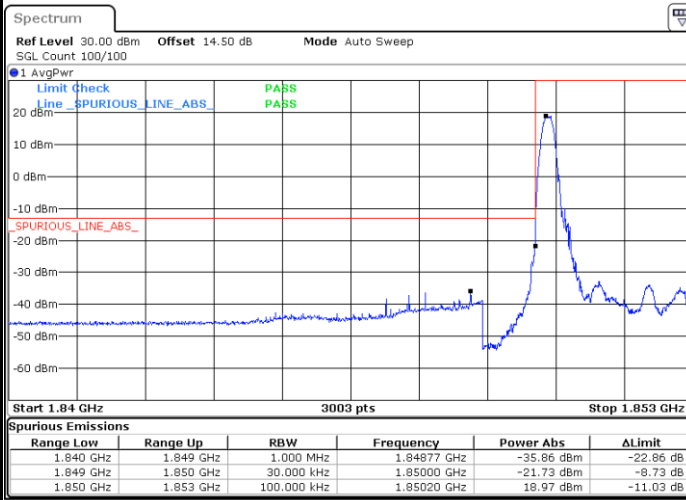


Date: 21.FEB.2025 13:48:42

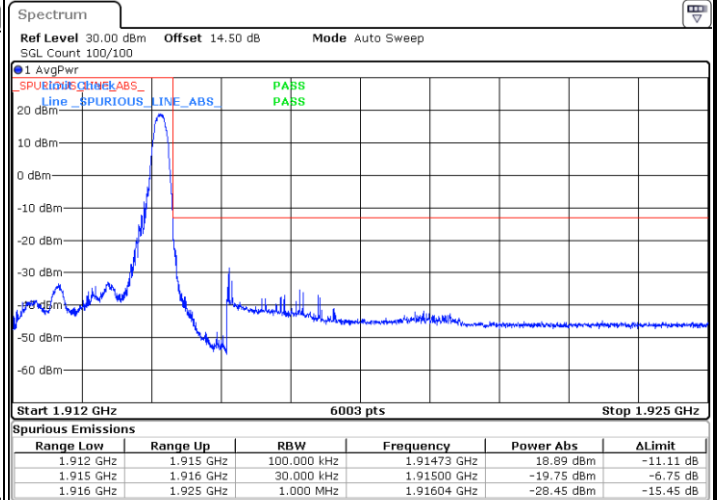


LTE Band 25 / 3MHz / 16QAM

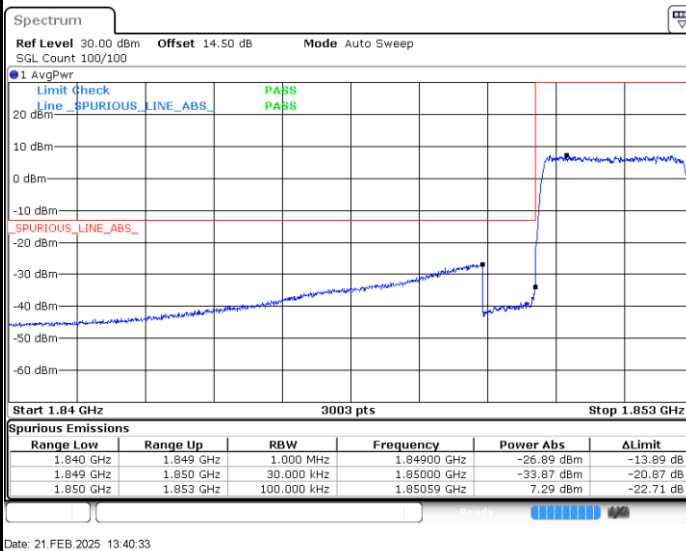
Lowest Band Edge / 1 RB



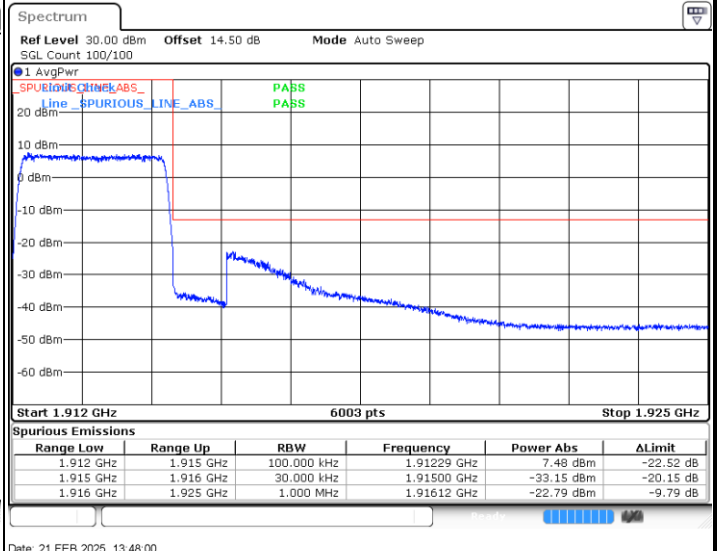
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



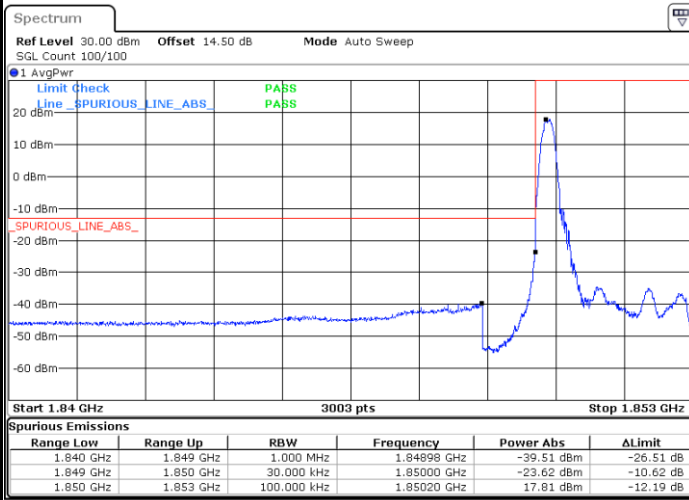
Highest Band Edge / Full RB



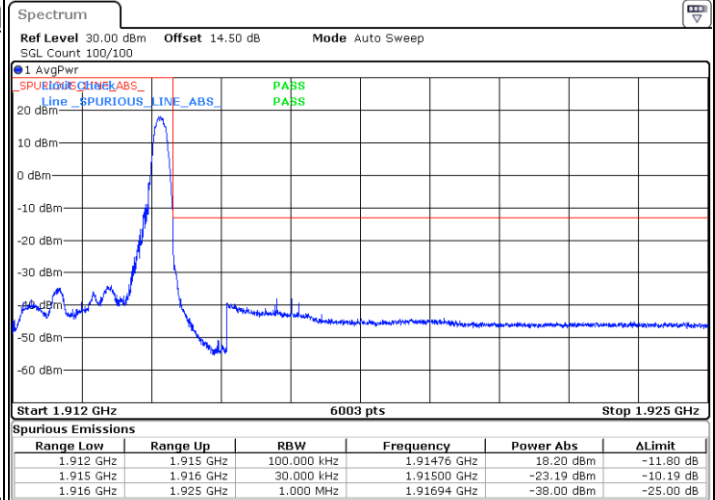


LTE Band 25 / 3MHz / 64QAM

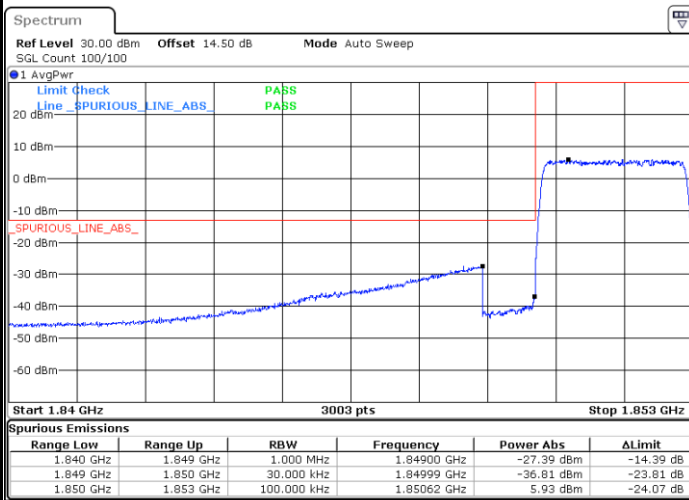
Lowest Band Edge / 1 RB



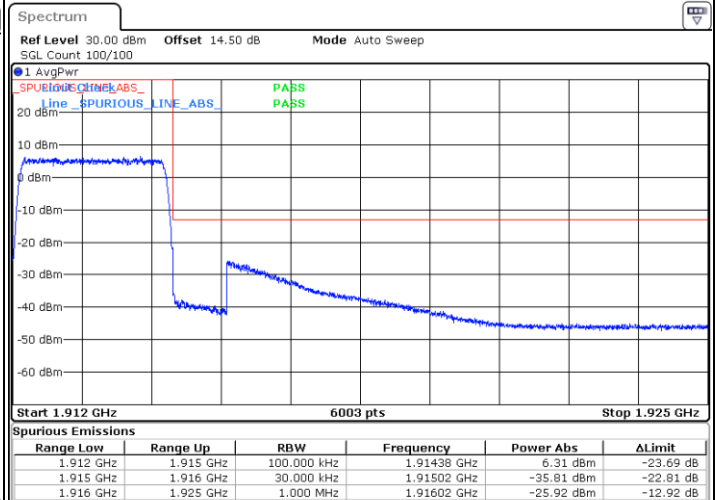
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



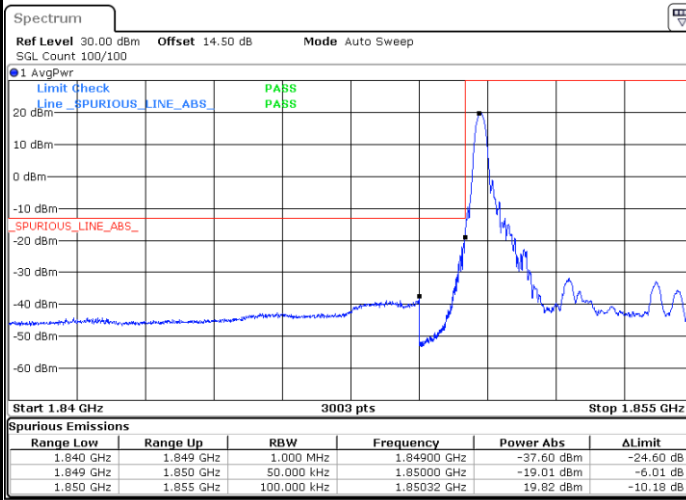
Highest Band Edge / Full RB



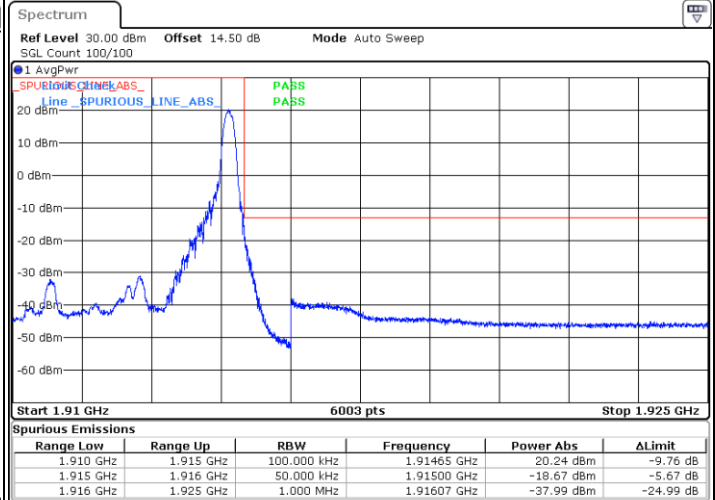


LTE Band 25 / 5MHz / QPSK

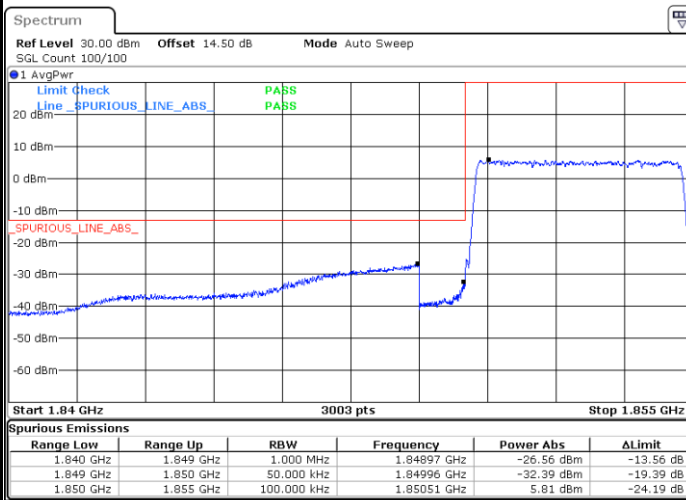
Lowest Band Edge / 1RB



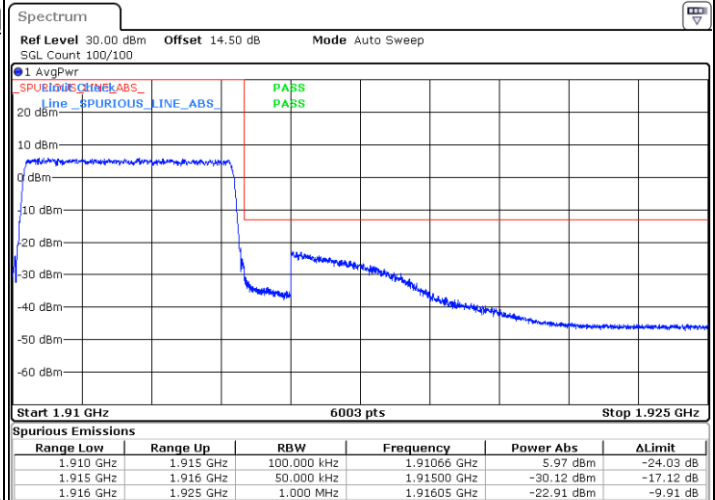
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



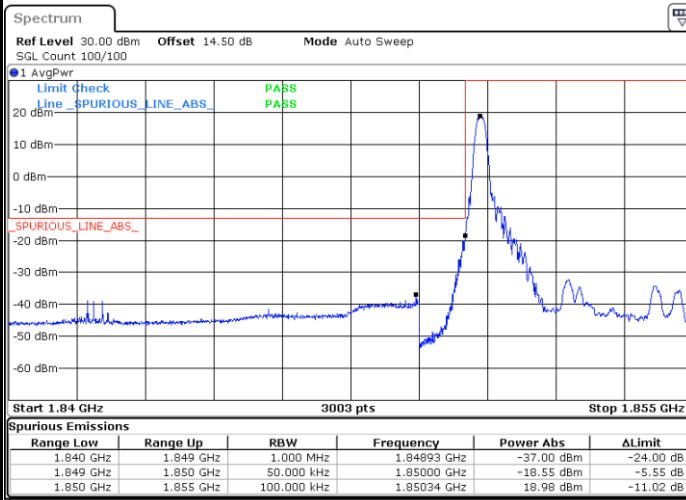
Highest Band Edge / Full RB





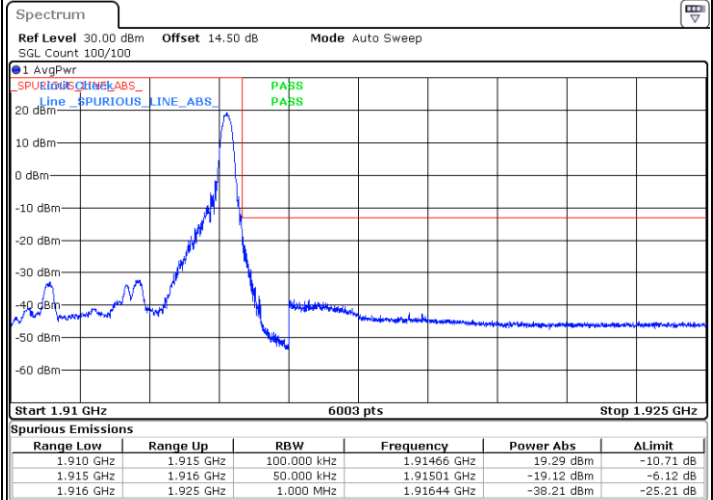
LTE Band 25 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



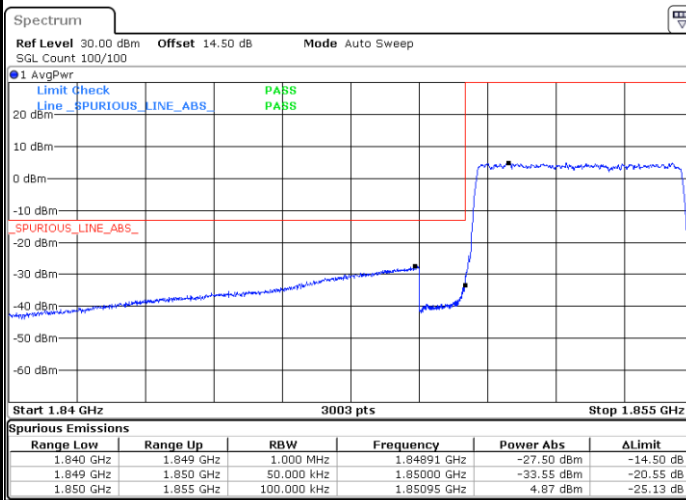
Date: 21.FEB.2025 13:51:47

Highest Band Edge / 1 RB



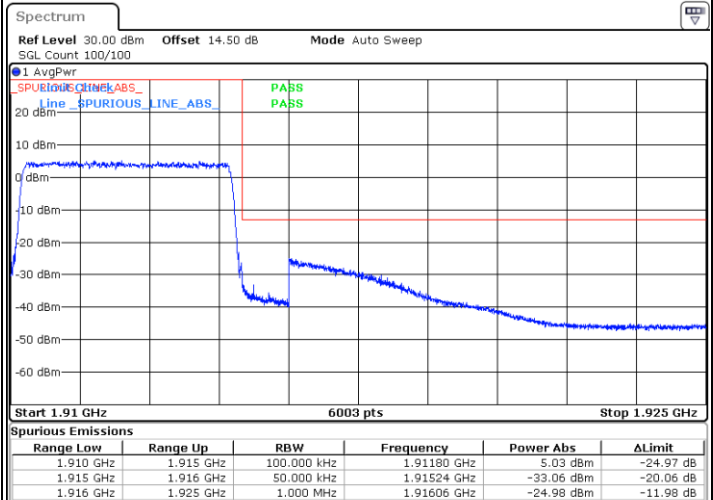
Date: 21.FEB.2025 13:59:14

Lowest Band Edge / Full RB



Date: 21.FEB.2025 13:53:51

Highest Band Edge / Full RB

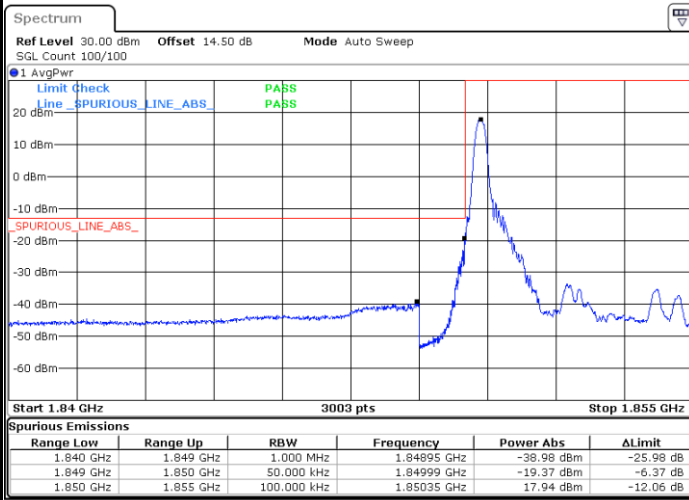


Date: 21.FEB.2025 14:01:18



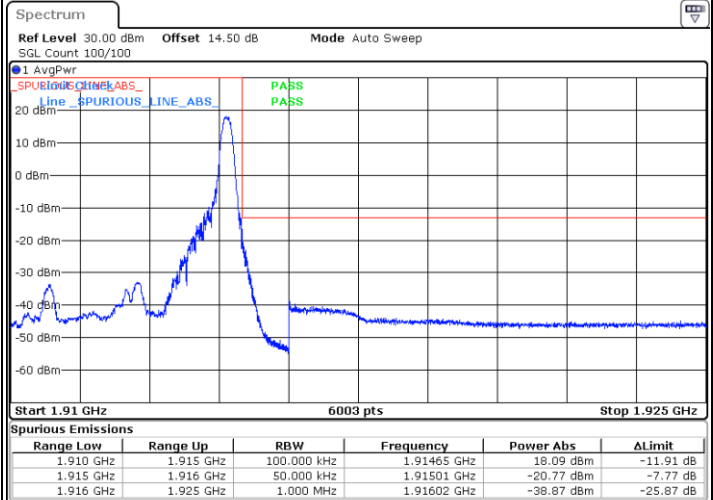
LTE Band 25 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



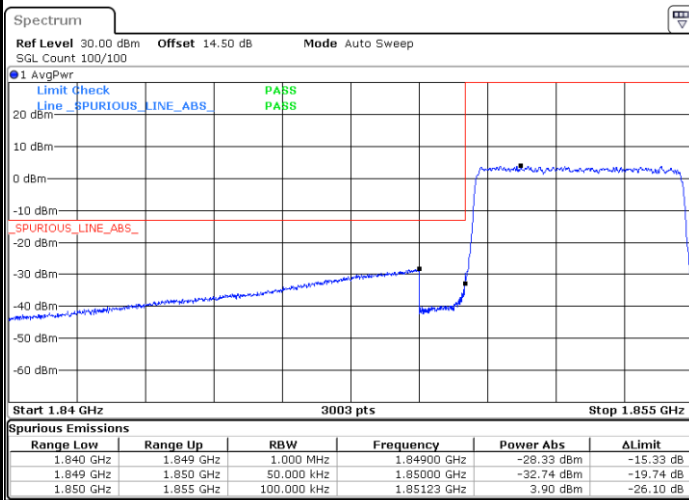
Date: 21.FEB.2025 13:52:28

Highest Band Edge / 1 RB



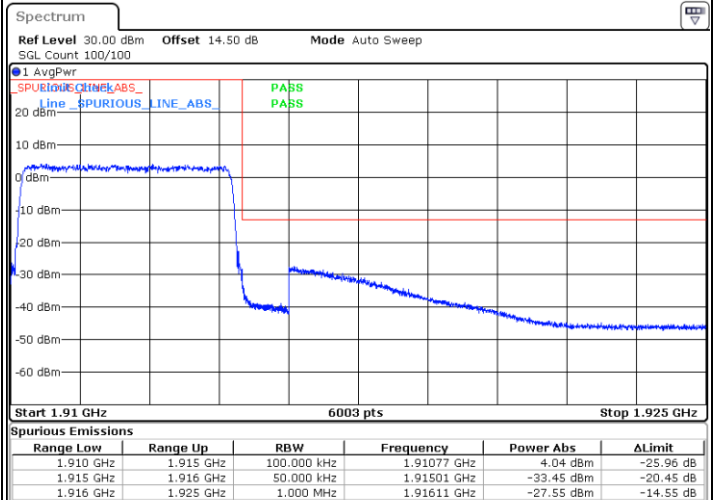
Date: 21.FEB.2025 13:59:55

Lowest Band Edge / Full RB



Date: 21.FEB.2025 13:53:09

Highest Band Edge / Full RB

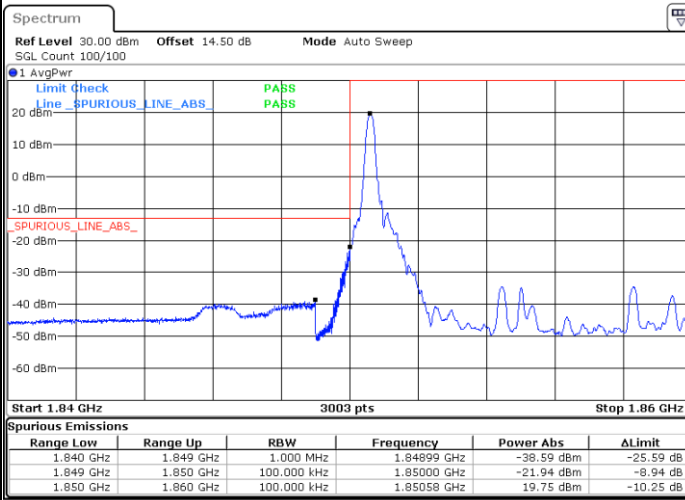


Date: 21.FEB.2025 14:00:37



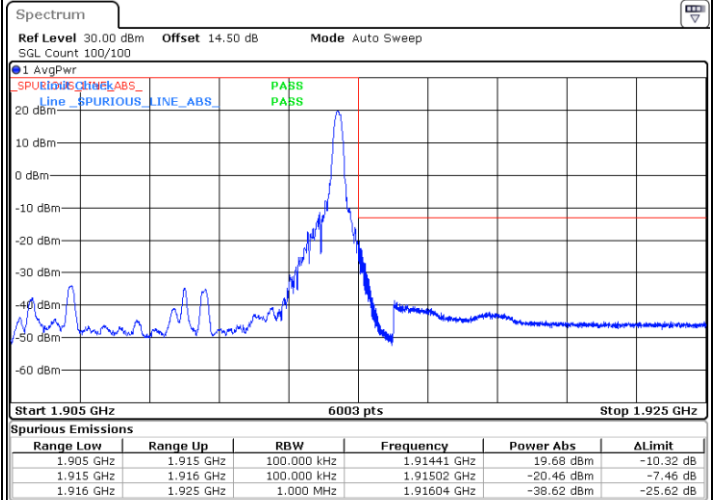
LTE Band 25 / 10MHz / QPSK

Lowest Band Edge / 1RB



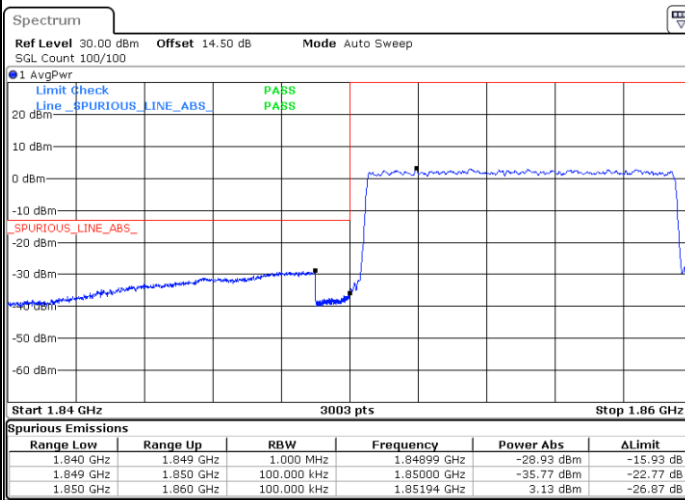
Date: 21.FEB.2025 14:04:23

Highest Band Edge / 1RB



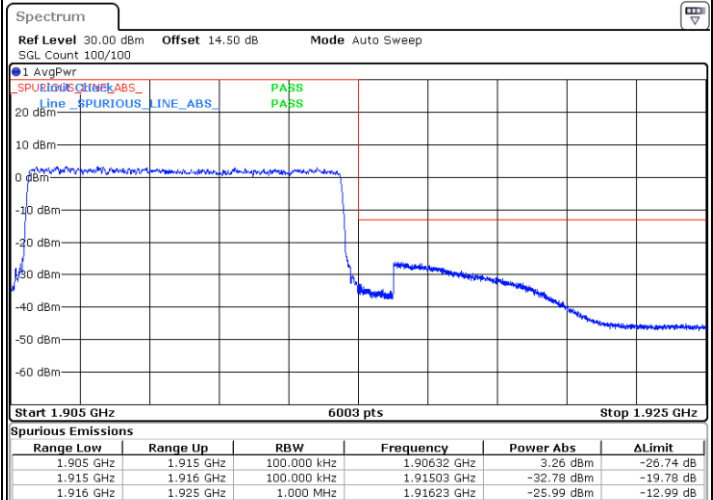
Date: 21.FEB.2025 14:11:50

Lowest Band Edge / Full RB



Date: 21.FEB.2025 14:07:50

Highest Band Edge / Full RB

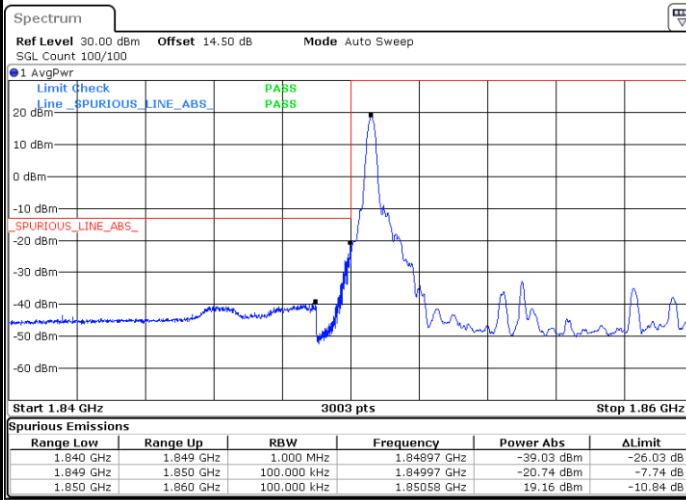


Date: 21.FEB.2025 14:15:17

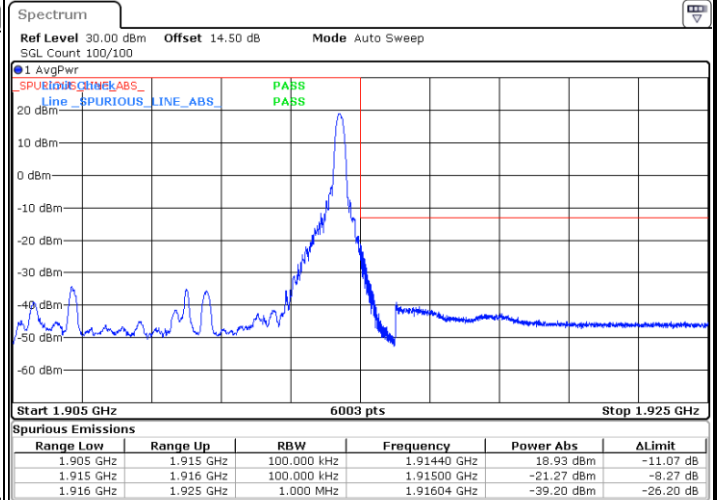


LTE Band 25 / 10MHz / 16QAM

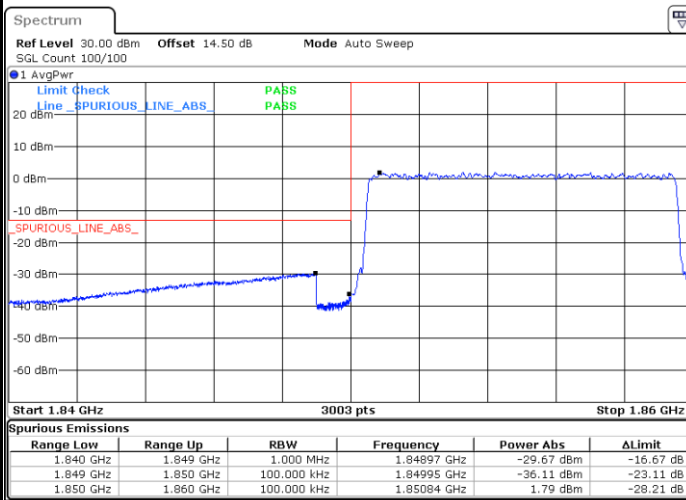
Lowest Band Edge / 1 RB



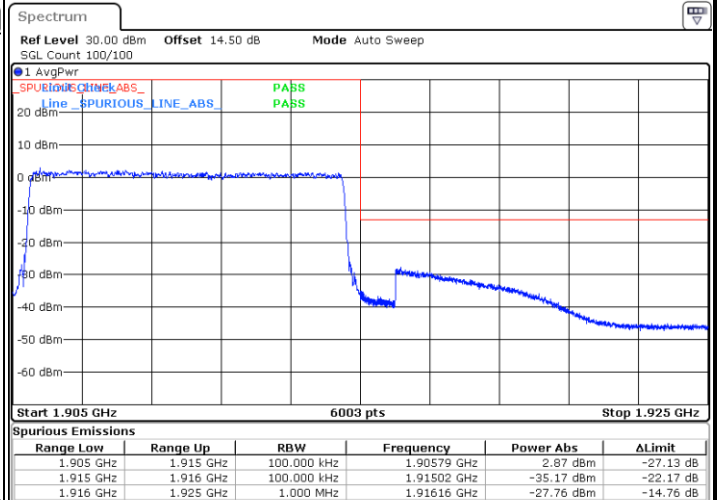
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



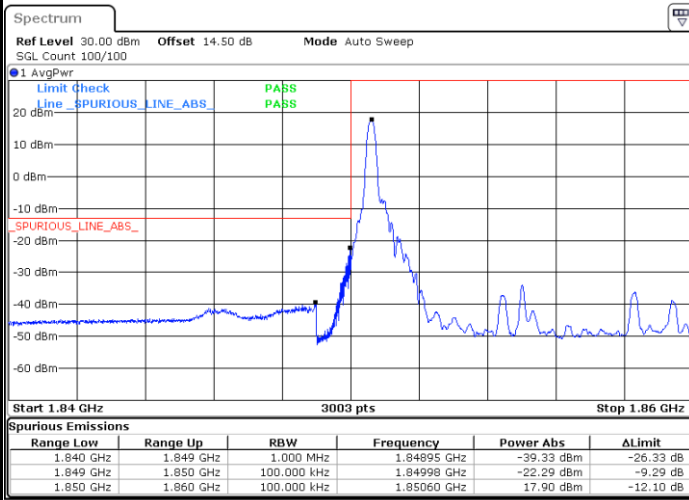
Highest Band Edge / Full RB



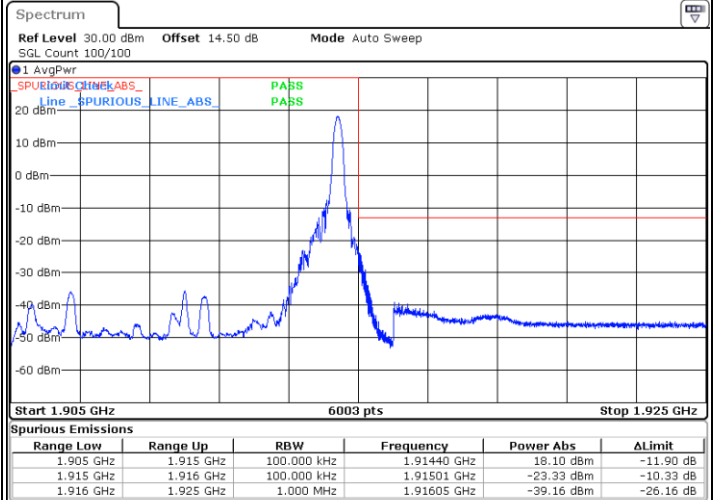


LTE Band 25 / 10MHz / 64QAM

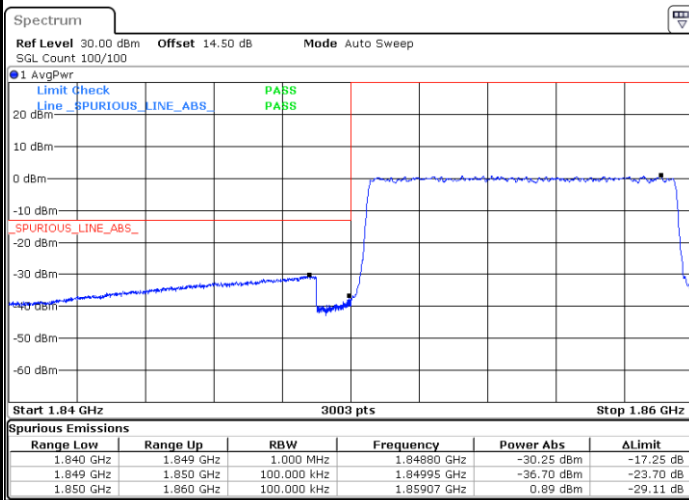
Lowest Band Edge / 1 RB



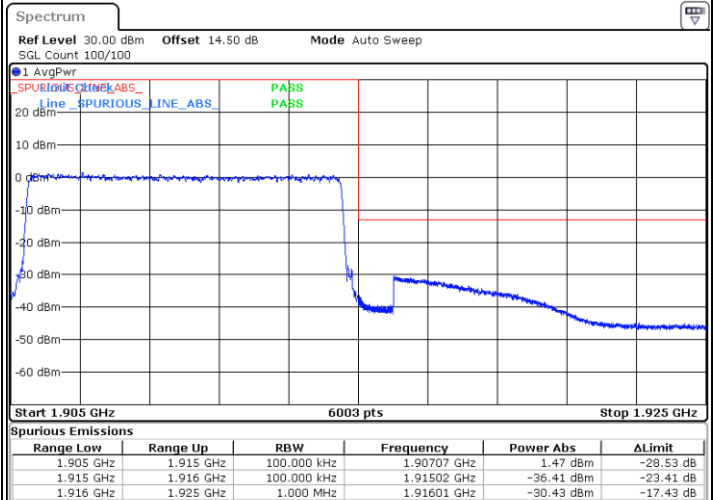
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



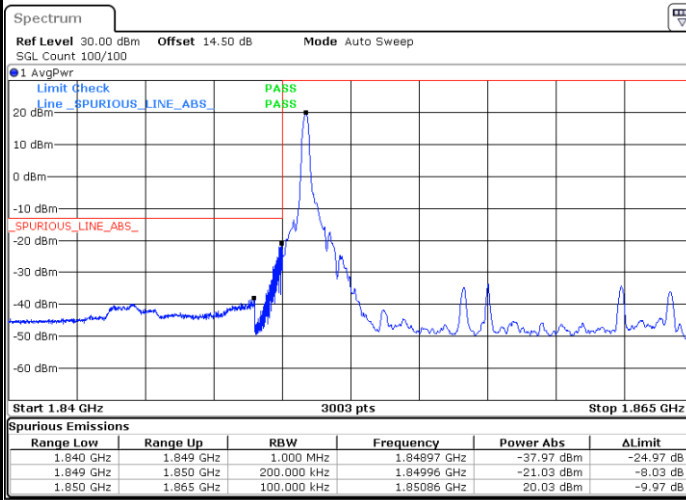
Highest Band Edge / Full RB





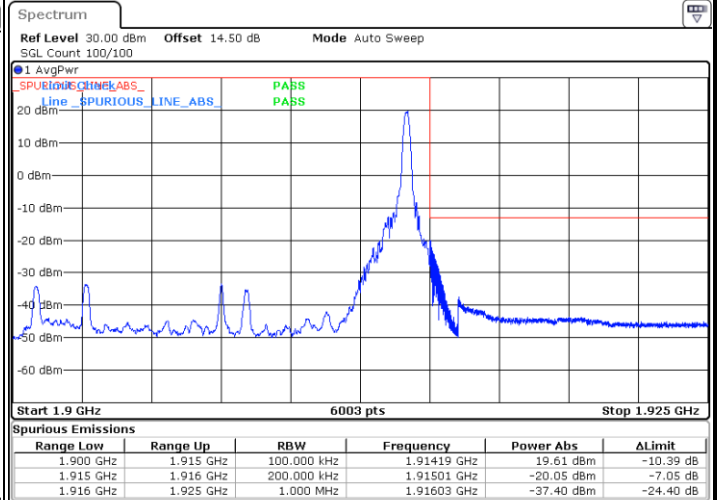
LTE Band 25 / 15MHz / QPSK

Lowest Band Edge / 1RB



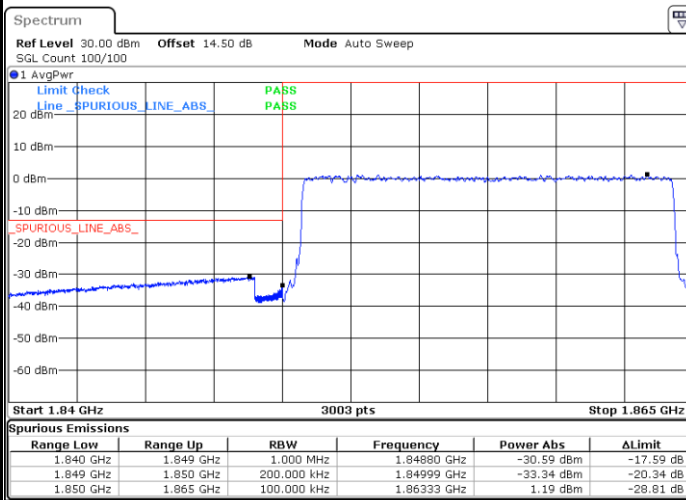
Date: 21.FEB.2025 14:17:41

Highest Band Edge / 1RB



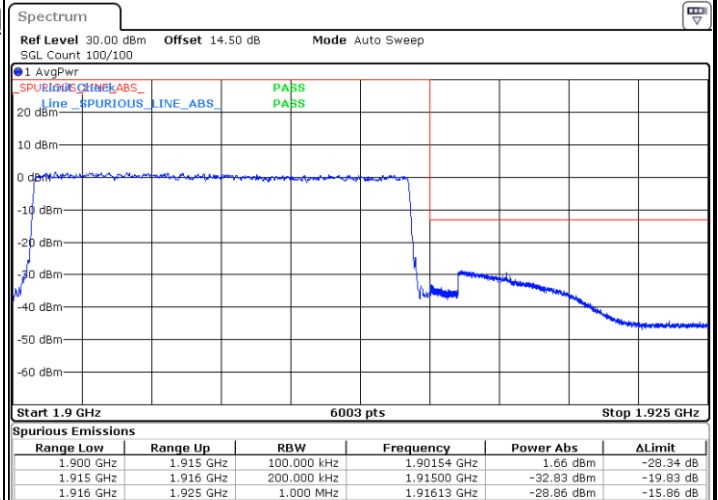
Date: 21.FEB.2025 14:25:08

Lowest Band Edge / Full RB



Date: 21.FEB.2025 14:21:08

Highest Band Edge / Full RB

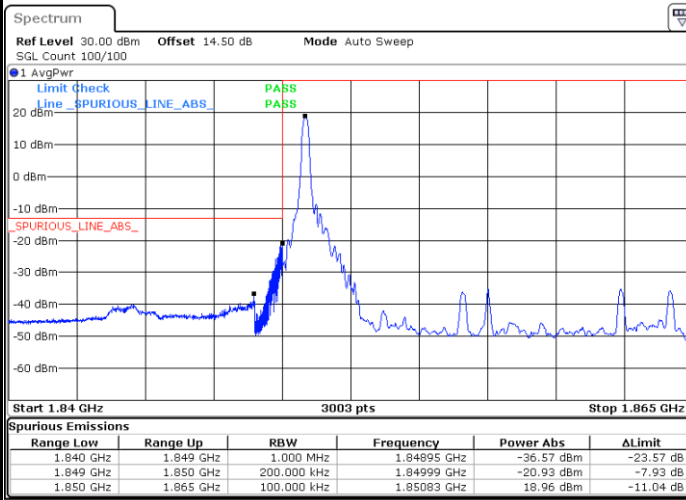


Date: 21.FEB.2025 14:28:35

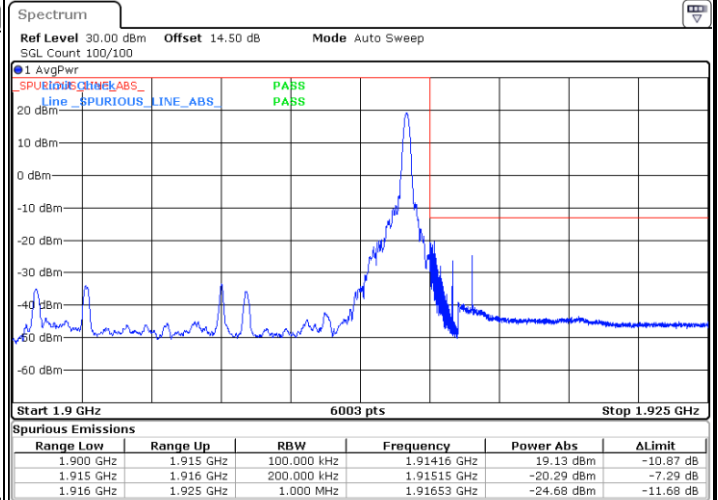


LTE Band 25 / 15MHz / 16QAM

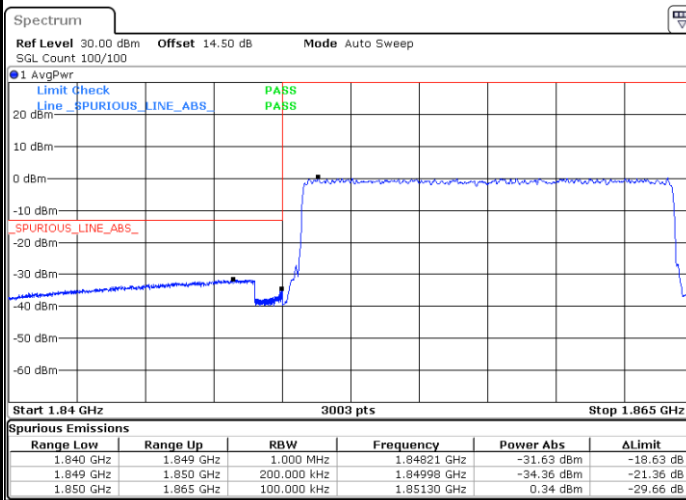
Lowest Band Edge / 1 RB



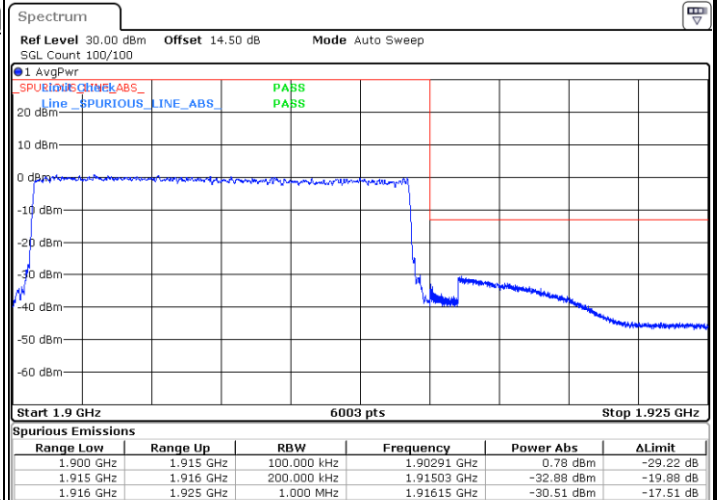
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



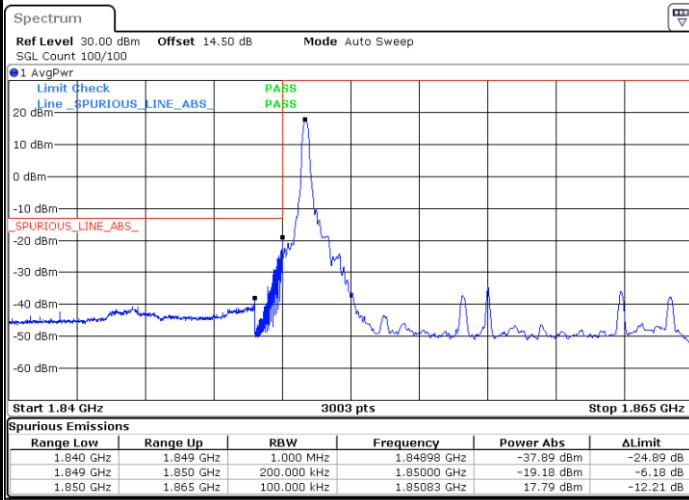
Highest Band Edge / Full RB



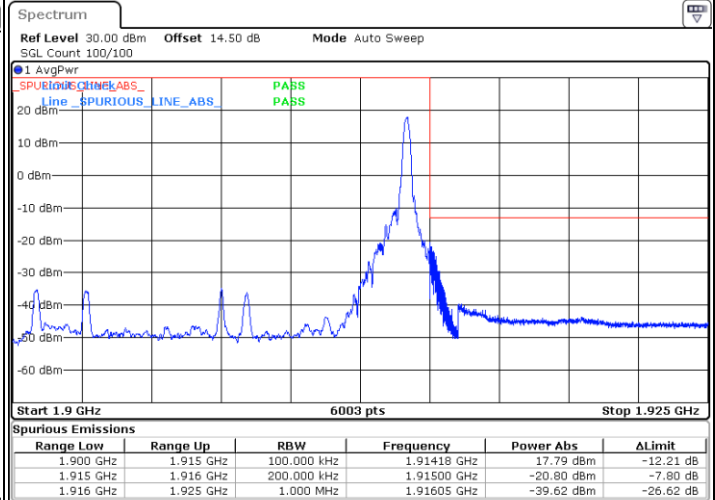


LTE Band 25 / 15MHz / 64QAM

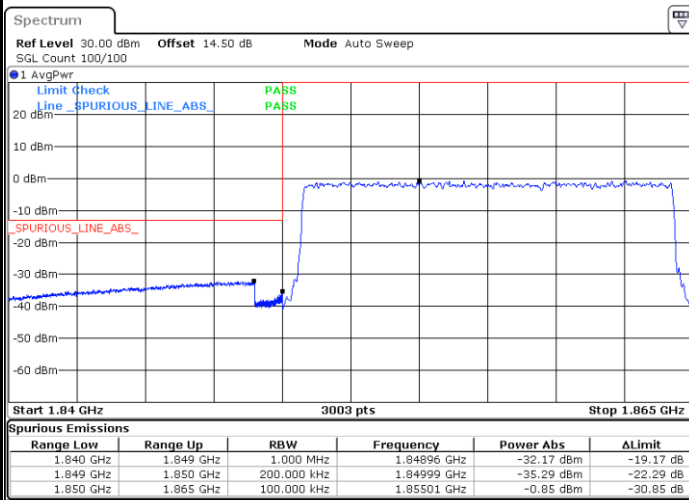
Lowest Band Edge / 1 RB



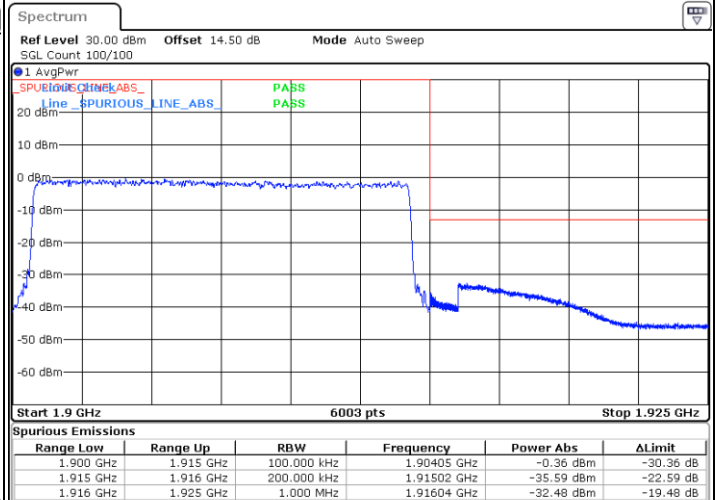
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



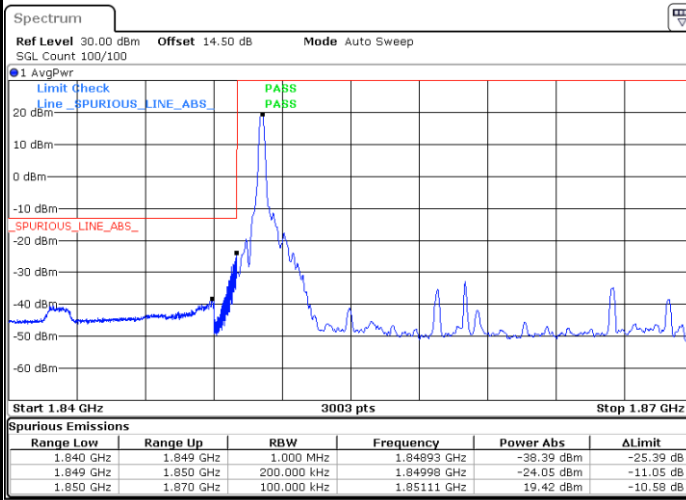
Highest Band Edge / Full RB



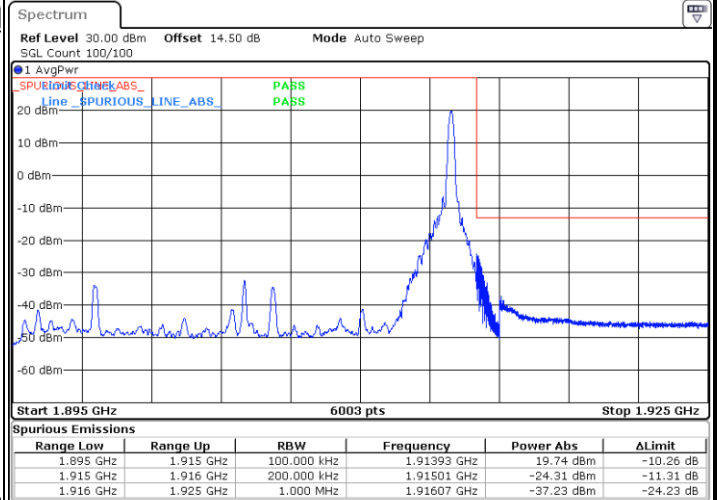


LTE Band 25 / 20MHz / QPSK

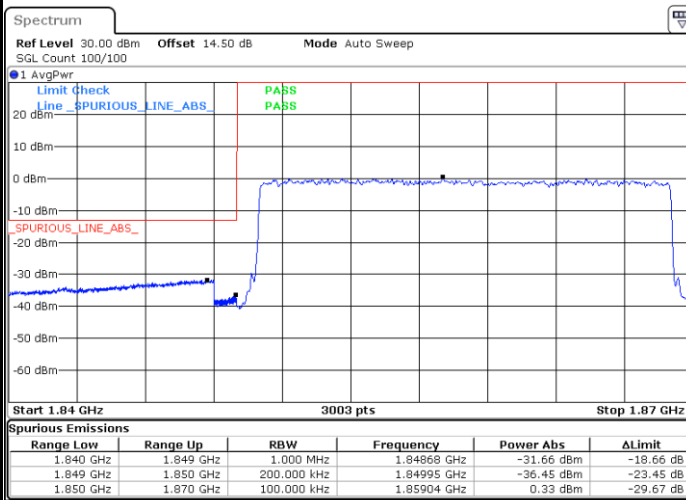
Lowest Band Edge / 1RB



Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

