FCC RF Test Report

APPLICANT	:	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
EQUIPMENT	:	Mobile Phone
BRAND NAME	:	OPPO
MODEL NAME	:	CPH2737
FCC ID	:	R9C-OP24321
STANDARD	:	47 CFR Part 2, 22(H), 24(E), 27(L), 27(H), 27(F)
CLASSIFICATION	:	PCS Licensed Transmitter Held to Ear (PCE)
TEST DATE(S)	:	Mar. 10, 2025 ~ Mar. 23, 2025

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

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

Fly Liang

Approved by: Fly Liang

ACCREDITED Cert #5145.01

Sporton International Inc. (ShenZhen)

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People's Republic of China

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG521816B	Rev. 01	Initial issue of report	Apr. 22, 2025

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1046	Conducted Output Power	-	Report Only	-
	§22.913(a)(5)	Effective Radiated Power (Band 5) (Band 26)	ERP < 7 Watt	PASS	-
	§27.50(b)(10) §27.50(c)(10)	Effective Radiated Power (Band 12) (Band 13) (Band 17)	ERP < 3 Watt		-
	§24.232(c)	Equivalent Isotropic Radiated Power (Band 2)	EIRP < 2Watt		-
	§27.50(d)(4)	Equivalent Isotropic Radiated Power (Band 4) (Band 66)	EIRP < 1Watt		-
3.5	§24.232(d)	Peak-to-Average Ratio	<13 dB	PASS	-
3.6	§2.1049	Occupied Bandwidth	-	Report Only	-
3.7	§2.1051 §22.917(a) §24.238(a) §27.53(c)(2)(4) §27.53(g) §27.53(h)	Conducted Band Edge Measurement (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 26) (Band 66)	< 43+10log10(P[Watts])	PASS	-
3.8	§2.1051 §22.917(a) §24.238(a) §27.53(c)(2) §27.53(g) §27.53(h)	Conducted Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 26) (Band 66)	< 43+10log10(P[Watts])	PASS	-
3.9	§2.1055 §22.355	Frequency Stability Temperature & Voltage	< 2.5 ppm for Part 22	PASS	-
	§2.1055 §24.235 §27.54		Within Authorized Band		
4.4	§2.1053 §22.917(a) §24.238(a) §27.53(c)(2) §27.53(f) §27.53(g) §27.53(h)	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 26) (Band 66)	< 43+10$\log_{10}$(P[Watts])	PASS	Under limit 19.43 dB at 1559.50 MHz

Conformity Assessment Condition:

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

Disclaimer:

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

1 General Description

1.1 Applicant

Guangdong OPPO Mobile Telecommunications Corp., Ltd.
NO.18 HaiBin Road, Wusha Village, Chang'an Town, DongGuan City, Guangdong Province, P.R. China

1.2 Manufacturer

Guangdong OPPO Mobile Telecommunications Corp., Ltd.
NO.18 HaiBin Road, Wusha Village, Chang'an Town, DongGuan City, Guangdong Province, P.R. China

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Phone
Brand Name	OPPO
Model Name	CPH2737
FCC ID	R9C-OP24321
IMEI Code	Conducted: 869081070026554/869081070026547 Radiation: 869081070025093/869081070025085
HW Version	11
SW Version	ColorOS 15.0
EUT Stage	Production Unit

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	LTE Band 2 : 1850 MHz ~ 1910 MHz LTE Band 4 : 1710 MHz ~ 1755 MHz LTE Band 5 : 824 MHz ~ 849 MHz LTE Band 12 : 699 MHz ~ 716 MHz LTE Band 13 : 777 MHz ~ 787 MHz LTE Band 17 : 704 MHz ~ 716 MHz LTE Band 26 : 824 MHz ~ 849 MHz LTE Band 66 : 1710 MHz ~ 1780 MHz
Rx Frequency	LTE Band 2 : 1930 MHz ~ 1990 MHz LTE Band 4 : 2110 MHz ~ 2155 MHz LTE Band 5 : 869 MHz ~ 894 MHz LTE Band 12 : 729 MHz ~ 746 MHz LTE Band 13 : 746 MHz ~ 756 MHz LTE Band 17 : 734 MHz ~ 746 MHz LTE Band 26 : 869 MHz ~ 894 MHz LTE Band 66 : 2110 MHz~ 2200 MHz
Bandwidth	LTE Band 2 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 4 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 5 : 1.4MHz / 3MHz / 5MHz / 10MHz LTE Band 12 : 1.4MHz / 3MHz / 5MHz / 10MHz

	LTE Band 13 : 5MHz / 10MHz LTE Band 17 : 5MHz / 10MHz LTE Band 26 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz LTE Band 66 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz
Maximum Output Power to Antenna	**Ant0:** LTE Band 5 : 23.68 dBm LTE Band 12 : 22.36 dBm LTE Band 13 : 22.32 dBm LTE Band 17 : 22.33 dBm LTE Band 26 : 23.73 dBm **Ant1:** LTE Band 5 : 24.15 dBm LTE Band 12 : 22.88 dBm LTE Band 13 : 22.88 dBm LTE Band 17 : 22.86 dBm LTE Band 26 : 24.20 dBm **Ant5:** LTE Band 2 : 23.24 dBm LTE Band 4 : 24.22 dBm LTE Band 66 : 24.30 dBm **Ant6:** LTE Band 2 : 22.95 dBm LTE Band 4 : 24.10 dBm LTE Band 66 : 24.15 dBm **Ant7:** LTE Band 2 : 19.57 dBm LTE Band 4 : 21.28 dBm LTE Band 66 : 20.70 dBm **Ant11:** LTE Band 2 : 22.59 dBm LTE Band 4 : 23.82 dBm LTE Band 66 : 23.88 dBm
Antenna Gain	**Ant0:** LTE Band 5 : -5.2 dBi LTE Band 12 : -5.37 dBi LTE Band 13 : -6.2 dBi LTE Band 17 : -5.37 dBi LTE Band 26 : -5.2 dBi **Ant1:** LTE Band 5 : -5 dBi LTE Band 12 : -6.8 dBi LTE Band 13 : -6.8 dBi LTE Band 17 : -6.8 dBi LTE Band 26 : -5 dBi **Ant5:** LTE Band 2 : -2.1 dBi LTE Band 4 : -3 dBi LTE Band 66 : -3 dBi **Ant6:** LTE Band 2 : -1.9 dBi LTE Band 4 : -3.2 dBi LTE Band 66 : -2.4 dBi **Ant7:** LTE Band 2 : -1.9 dBi

	LTE Band 4 : -2.7 dBi LTE Band 66 : -2.7 dBi **Ant11:** LTE Band 2 : -3 dBi LTE Band 4 : -2.5 dBi LTE Band 66 : -2.5 dBi
Type of Modulation	QPSK / 16QAM / 64QAM / 256QAM

Note:

1. The maximum ERP/EIRP is calculated from max output power and max antenna gain, so only the maximum ERP/EIRP of Antenna 0 for LTE Band12/13/17 and Antenna 1 for LTE Band5/26 and Antenna 5 for LTE Band2 and Antenna 6 for LTE Band66 and Antenna 11 for LTE Band4 are shown in the report.
2. LTE Band 2 only supports ENDC mode on antenna 7/11.

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/256QAM	
BW (MHz)	**Frequency Range (MHz)**	**Maximum EIRP(W)**	**Emission Designator (99%OBW)**	**Maximum EIRP(W)**	**Emission Designator (99%OBW)**
1.4	1850.7 ~ 1909.3	0.1297	1M09G7D	0.1271	1M10W7D
3	1851.5 ~ 1908.5	0.1285	2M73G7D	0.1262	2M73W7D
5	1852.5 ~ 1907.5	0.1279	4M48G7D	0.1242	4M49W7D
10	1855.0 ~ 1905.0	0.1262	9M07G7D	0.1262	8M99W7D
15	1857.5 ~ 1902.5	0.1271	13M5G7D	0.1271	13M5W7D
20	1860.0 ~ 1900.0	0.1300	17M9G7D	0.1279	17M9W7D
LTE Band 4		**QPSK**		**16QAM/64QAM/256QAM**	
BW (MHz)	**Frequency Range (MHz)**	**Maximum EIRP(W)**	**Emission Designator (99%OBW)**	**Maximum EIRP(W)**	**Emission Designator (99%OBW)**
1.4	1710.7 ~ 1754.3	0.1330	1M09G7D	0.1343	1M09W7D
3	1711.5 ~ 1753.5	0.1352	2M71G7D	0.1334	2M75W7D
5	1712.5 ~ 1752.5	0.1334	4M50G7D	0.1324	4M50W7D
10	1715.0 ~ 1750.0	0.1330	9M07G7D	0.1334	9M01W7D
15	1717.5 ~ 1747.5	0.1337	13M4G7D	0.1309	13M5W7D
20	1720.0 ~ 1745.0	0.1355	17M9G7D	0.1346	17M9W7D

LTE Band 5		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
1.4	824.7 ~ 848.3	0.0497	1M09G7D	0.0463	1M10W7D
3	825.5 ~ 847.5	0.0490	2M72G7D	0.0467	2M72W7D
5	826.5 ~ 846.5	0.0500	4M50G7D	0.0456	4M50W7D
10	829.0 ~ 844.0	0.0501	9M05G7D	0.0469	9M03W7D
LTE Band 12		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
1.4	699.7 ~ 715.3	0.0301	1M09G7D	0.0282	1M10W7D
3	700.5 ~ 714.5	0.0301	2M71G7D	0.0277	2M70W7D
5	701.5 ~ 713.5	0.0302	4M48G7D	0.0280	4M49W7D
10	704.0 ~ 711.0	0.0305	8M97G7D	0.0286	9M03W7D
LTE Band 13		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
5	779.5 ~ 784.5	0.0248	4M48G7D	0.0233	4M52W7D
10	782.0	0.0249	9M05G7D	0.0236	9M03W7D
LTE Band 17		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
5	706.5 ~ 713.5	0.0302	4M48G7D	0.0277	4M49W7D
10	709.0 ~ 711.0	0.0303	8M97G7D	0.0284	9M03W7D
LTE Band 26		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
1.4	824.7 ~ 848.3	0.0500	1M09G7D	0.0460	1M10W7D
3	825.5 ~ 847.5	0.0493	2M72G7D	0.0466	2M72W7D
5	826.5 ~ 846.5	0.0498	4M50G7D	0.0460	4M50W7D
10	829.0 ~ 844.0	0.0498	9M05G7D	0.0463	9M03W7D
15	831.5 ~ 841.5	0.0507	13M5G7D	0.0473	13M5W7D
CH26790	824.0	0.0490	13M5G7D	0.0452	13M4W7D

LTE Band 66		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
1.4	1710.7 ~ 1779.3	0.1472	1M09G7D	0.1455	1M09W7D
3	1711.5 ~ 1778.5	0.1472	2M71G7D	0.1466	2M75W7D
5	1712.5 ~ 1777.5	0.1455	4M50G7D	0.1426	4M50W7D
10	1715.0 ~ 1775.0	0.1469	9M07G7D	0.1455	9M01W7D
15	1717.5 ~ 1772.5	0.1472	13M4G7D	0.1455	13M5W7D
20	1720.0 ~ 1770.0	0.1496	17M9G7D	0.1469	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 12 overlaps the entire frequency range of LTE Band 17. Therefore, the test results provided in this report covers Band 12 as well as Band 17.
4. All modulations have been tested, and only the worst test results of PSK & QAM are shown in the report.

1.7 Testing Location

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

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

1.8 Test Software

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

1.9 Applicable Standards

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

- 47 CFR Part 2, 22(H), 24(E), 27(L), 27(H), 27(F)
- ANSI C63.26-2015
- FCC KDB 971168 D01 Power Meas License Digital Systems v03r01
- FCC KDB 412172 D01 Determining ERP and EIRP v01r01

Remark:

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

2 Test Configuration of Equipment Under Test

2.1 Test Mode

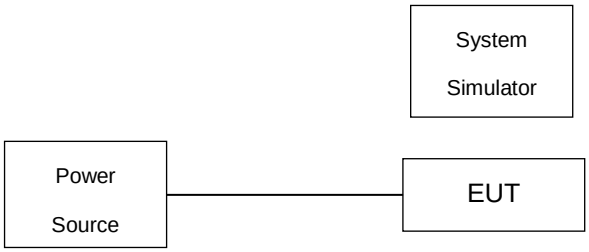
Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas License Digital Systems v03r01 with maximum output power.

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

Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Max. Output Power	2	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	4	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	5	v	v	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	12	v	v	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	13	-	-	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	17	-	-	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	26	v	v	v	v	v	-	v	v	v	v	v	v	v	v	v	v
	66	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
Peak-to-Average Ratio	2						v	v	v	v				v		v	
	12				v	-	-	v	v	v				v		v	
	13	-	-		v	-	-	v	v	v				v		v	
	26					v	-	v	v	v				v		v	
	66						v	v	v	v				v		v	
26dB and 99% Bandwidth	2	v	v	v	v	v	v	v	v					v		v	
	12	v	v	v	v	-	-	v	v					v		v	
	13	-	-	v	v	-	-	v	v					v		v	
	26	v	v	v	v	v	-	v	v					v		v	
	66	v	v	v	v	v	v	v	v					v		v	
Conducted Band Edge	2	v	v	v	v	v	v	v	v	v		v		v	v		v
	12	v	v	v	v	-	-	v	v	v		v		v	v		v
	13	-	-	v	v	-	-	v	v	v		v		v	v		v
	26	v	v	v	v	v	-	v	v	v		v		v	v		v
	66	v	v	v	v	v	v	v	v	v		v		v	v		v
Conducted Spurious Emission	2	v	v	v	v	v	v	v				v			v	v	v
	12	v	v	v	v	-	-	v				v			v	v	v
	13	-	-	v	v	-	-	v				v			v	v	v
	26	v	v	v	v	v	-	v				v			v	v	v
	66	v	v	v	v	v	v	v				v			v	v	v
Frequency Stability	2				v			v						v		v	
	12				v	-	-	v						v		v	
	13	-	-		v	-	-	v						v		v	
	26				v		-	v						v		v	
	66				v			v						v		v	
E.R.P / E.I.R.P	2	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	4	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	5	v	v	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	12	v	v	v	v	-	-	v	v	v	v	v	v	v	v	v	v

	13	-	-	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	26	v	v	v	v	v	-	v	v	v	v	v	v	v	v	v	v
	66	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
Radiated Spurious Emission	2	Worst Case														v	
	12	Worst Case														v	
	13	Worst Case														v	
	26	Worst Case														v	
	66	Worst Case														v	
Note	1. The mark "**v** " means that this configuration is chosen for testing 2. The mark "-" means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. 4. For QAM Modulation conducted testing, has assessed 16QAM/64QAM by referring to their higher conducted power.																

2.2 Connection Diagram of Test System



This example is connection diagram of EUT test configurations.

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

2.3 Support Unit used in test configuration and system

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

2.4 Measurement Results Explanation Example

For all conducted test items:

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

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

Offset = RF cable loss + attenuator factor.

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

Example :

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

= 4.5 + 10 = 14.5 (dB)

2.5 Frequency List of Low/Middle/High Channels

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

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

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

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

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

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

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

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

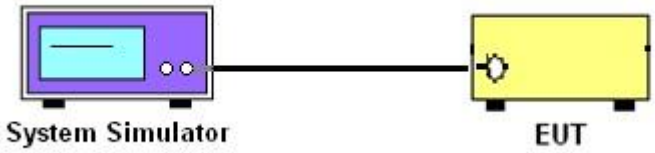
3 Conducted Test Items

3.1 Measuring Instruments

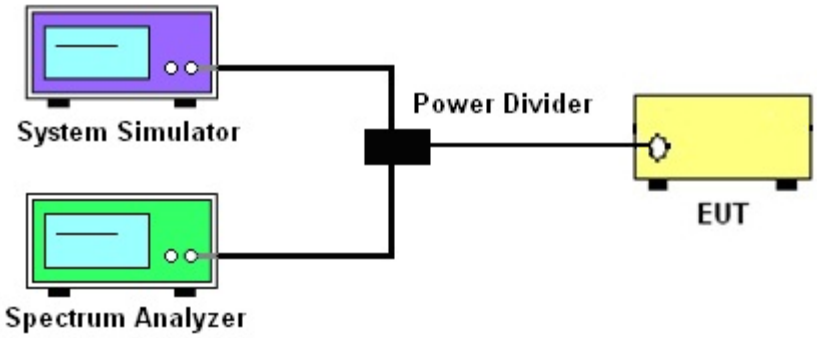
See list of measuring instruments of this test report.

3.2 Test Setup

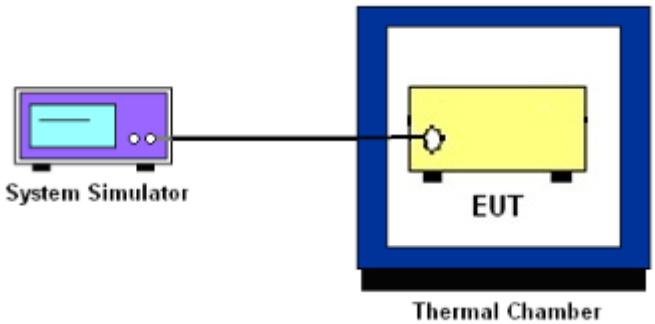
3.2.1 Conducted Output Power



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



3.2.3 Frequency Stability



3.3 Test Result of Conducted Test

Please refer to Appendix A.

3.4 Conducted Output Power and ERP/EIRP

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

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

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

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

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

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

According to KDB 412172 D01 Power Approach,

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

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

3.4.2 Test Procedures

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

3.5 Peak-to-Average Ratio

3.5.1 Description of the PAR Measurement

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

3.5.2 Test Procedures

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

3.6 Occupied Bandwidth

3.6.1 Description of Occupied Bandwidth Measurement

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

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

3.6.2 Test Procedures

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

3.7 Conducted Band Edge

3.7.1 Description of Conducted Band Edge Measurement

22.917(a)

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

24.238 (a)

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

27.53 (c)

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

27.53 (g)

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

27.53 (h)

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

3.7.2 Test Procedures

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

   Example:

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

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

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

3.8 Conducted Spurious Emission

3.8.1 Description of Conducted Spurious Emission Measurement

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

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

3.8.2 Test Procedures

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

3.9 Frequency Stability

3.9.1 Description of Frequency Stability Measurement

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

3.9.2 Test Procedures for Temperature Variation

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

3.9.3 Test Procedures for Voltage Variation

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

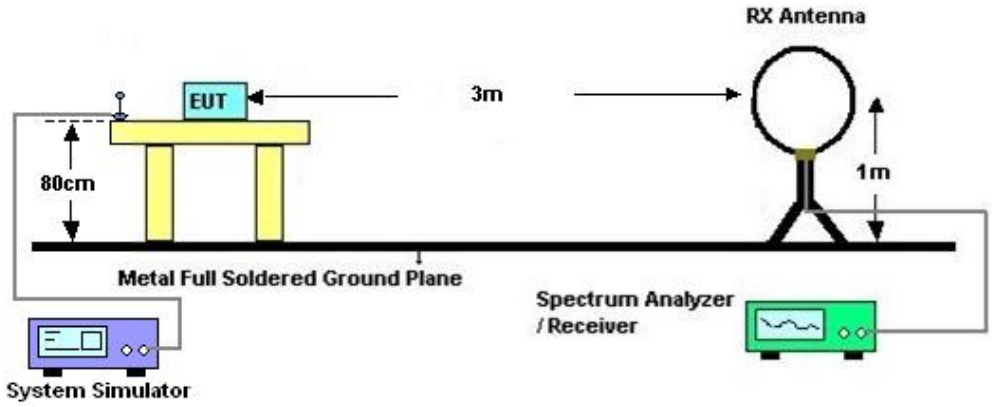
4 Radiated Test Items

4.1 Measuring Instruments

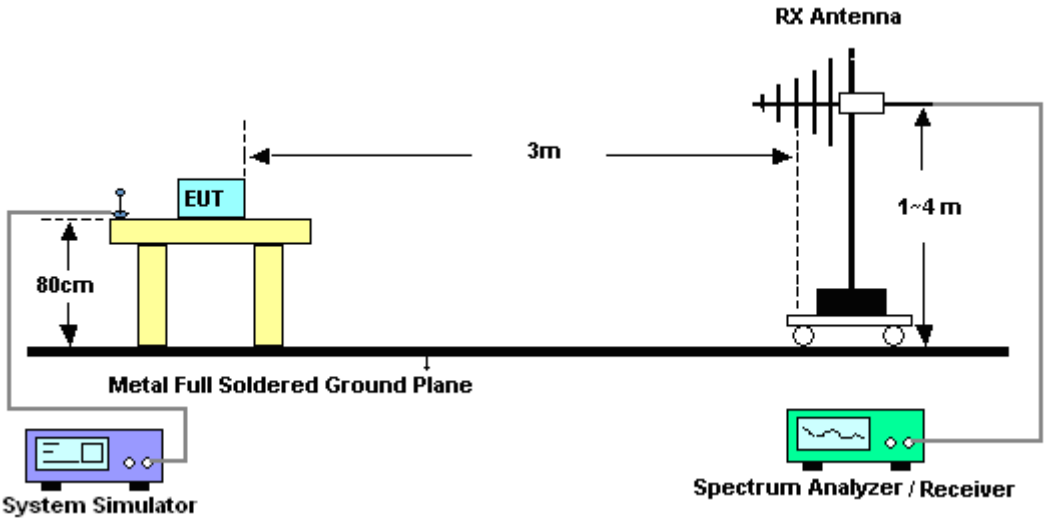
See list of measuring instruments of this test report.

4.2 Test Setup

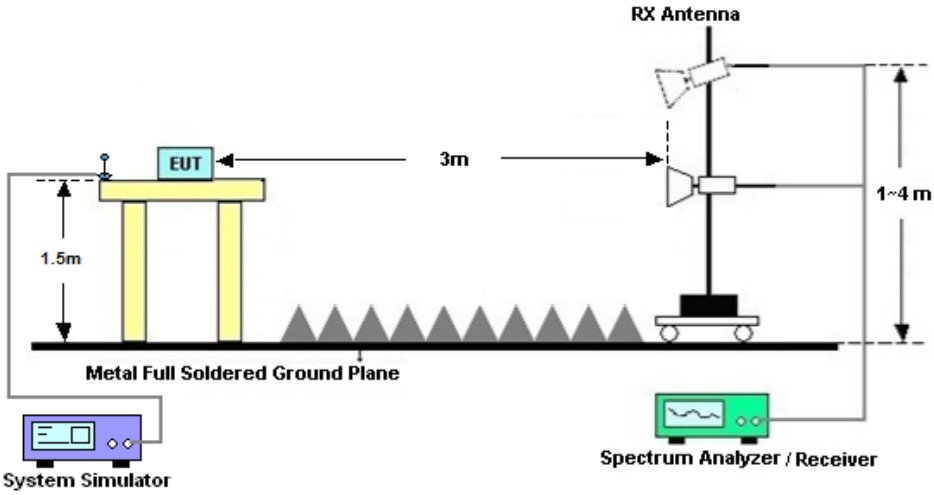
4.2.1 For radiated test below 30MHz



4.2.2 For radiated test from 30MHz to 1GHz



4.2.3 For radiated test above 1GHz



4.3 Test Result of Radiated Test

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

Please refer to Appendix B.

4.4 Radiated Spurious Emission

4.4.1 Description of Radiated Spurious Emission

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

For LTE Band 13

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

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

4.4.2 Test Procedures

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

5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 09, 2024	Mar. 10, 2025~ Mar. 12, 2025	Apr. 08, 2025	Conducted (TH01-SZ)
DC Power Supply	TTI	PL330P	290070	Max 32V，3A	Oct.14,2024	Mar. 10, 2025~ Mar. 12, 2025	Oct. 13, 2025	Conducted (TH01-SZ)
Power Divider	Titan	P02N005180	923402	0.4GHz~26.5GHz	Nov. 08, 2024	Mar. 10, 2025~ Mar. 12, 2025	Nov. 07, 2025	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H2014081803	-40~+150°C	Jul. 03, 2024	Mar. 10, 2025~ Mar. 12, 2025	Jul. 02, 2025	Conducted (TH01-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 03, 2024	Mar. 23, 2025	Jul. 02, 2025	Radiation (03CH02-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 28, 2024	Mar. 23, 2025	Dec. 27, 2025	Radiation (03CH02-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz-2GHz	Oct. 24, 2023	Mar. 23, 2025	Oct. 23, 2025	Radiation (03CH02-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 04, 2024	Mar. 23, 2025	Jul. 04, 2025	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 03, 2024	Mar. 23, 2025	Jul. 03, 2025	Radiation (03CH02-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 09, 2024	Mar. 23, 2025	Apr. 08, 2025	Radiation (03CH02-SZ)
LF Amplifier	Burgeon	BPA-530	102211	0.01~3000Mhz	Oct. 18, 2024	Mar. 23, 2025	Oct. 17, 2025	Radiation (03CH02-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5Ghz	Oct. 14, 2024	Mar. 23, 2025	Oct. 13, 2025	Radiation (03CH02-SZ)
AC Power Source	Chroma	61601	616010003043	N/A	Oct. 18, 2024	Mar. 23, 2025	Oct. 17, 2025	Radiation (03CH02-SZ)
Turn Table	Chaintek	T-200	N/A	0~360 degree	NCR	Mar. 23, 2025	NCR	Radiation (03CH02-SZ)
Antenna Mast	Chaintek	MBS-400	N/A	1 m~4 m	NCR	Mar. 23, 2025	NCR	Radiation (03CH02-SZ)

NCR: No Calibration Required

6 Measurement Uncertainty

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

Uncertainty of Conducted Measurement

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

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

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

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

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

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

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

---------- 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_Ant5:

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	23.13	23.24	23.13	0.1268	0.1300	0.1268
20	QPSK	1	49	23.10	23.17	23.01	0.1259	0.1279	0.1233
20	QPSK	1	99	23.09	23.02	23.01	0.1256	0.1236	0.1233
20	QPSK	50	0	22.66	22.74	22.70	0.1138	0.1159	0.1148
20	QPSK	50	24	22.62	22.71	22.64	0.1127	0.1151	0.1132
20	QPSK	50	50	22.61	22.64	22.64	0.1125	0.1132	0.1132
20	QPSK	100	0	22.62	22.70	22.61	0.1127	0.1148	0.1125
20	16QAM	1	0	23.16	22.86	23.10	0.1276	0.1191	0.1259
20	16QAM	1	49	23.00	23.17	23.06	0.1230	0.1279	0.1247
20	16QAM	1	99	22.90	22.88	22.94	0.1202	0.1197	0.1213
20	16QAM	50	0	22.19	22.21	22.19	0.1021	0.1026	0.1021
20	16QAM	50	24	22.14	22.18	22.13	0.1009	0.1019	0.1007
20	16QAM	50	50	22.19	22.14	22.07	0.1021	0.1009	0.0993
20	16QAM	100	0	22.13	22.20	22.17	0.1007	0.1023	0.1016
20	64QAM	1	0	21.71	21.90	21.83	0.0914	0.0955	0.0940
20	64QAM	1	49	21.71	21.81	21.87	0.0914	0.0935	0.0948
20	64QAM	1	99	21.69	21.88	21.76	0.0910	0.0951	0.0925
20	64QAM	50	0	21.18	21.20	21.17	0.0809	0.0813	0.0807
20	64QAM	50	24	21.15	21.21	21.10	0.0804	0.0815	0.0794
20	64QAM	50	50	21.14	21.12	21.08	0.0802	0.0798	0.0791
20	64QAM	100	0	21.10	21.17	21.11	0.0794	0.0807	0.0796
20	256QAM	1	0	17.21	17.35	17.20	0.0324	0.0335	0.0324
20	256QAM	1	49	17.26	17.31	17.28	0.0328	0.0332	0.0330
20	256QAM	1	99	17.18	17.32	17.21	0.0322	0.0333	0.0324
20	256QAM	50	0	17.16	17.21	17.19	0.0321	0.0324	0.0323
20	256QAM	50	24	17.09	17.24	17.22	0.0316	0.0327	0.0325
20	256QAM	50	50	17.20	17.25	17.21	0.0324	0.0327	0.0324
20	256QAM	100	0	17.19	17.27	17.17	0.0323	0.0329	0.0321
Channel				18675	18900	19125	EIRP(W)		
Frequency (MHz)				1857.5	1880	1902.5	L	M	H
15	QPSK	1	0	22.99	23.04	22.87	0.1227	0.1242	0.1194
15	QPSK	1	37	23.01	23.14	23.02	0.1233	0.1271	0.1236
15	QPSK	1	74	23.06	22.87	22.93	0.1247	0.1194	0.1211
15	QPSK	36	0	22.64	22.63	22.69	0.1132	0.1130	0.1146
15	QPSK	36	20	22.55	22.61	22.59	0.1109	0.1125	0.1119

15	QPSK	36	39	22.58	22.55	22.49	0.1117	0.1109	0.1094
15	QPSK	75	0	22.60	22.55	22.60	0.1122	0.1109	0.1122
15	16QAM	1	0	23.14	22.81	23.04	0.1271	0.1178	0.1242
15	16QAM	1	37	22.97	23.03	22.97	0.1222	0.1239	0.1222
15	16QAM	1	74	22.80	22.80	22.82	0.1175	0.1175	0.1180
15	16QAM	36	0	22.13	22.06	22.17	0.1007	0.0991	0.1016
15	16QAM	36	20	22.11	22.15	21.99	0.1002	0.1012	0.0975
15	16QAM	36	39	22.12	22.03	21.95	0.1005	0.0984	0.0966
15	16QAM	75	0	22.06	22.19	22.16	0.0991	0.1021	0.1014
15	64QAM	1	0	21.60	21.76	21.75	0.0891	0.0925	0.0923
15	64QAM	1	37	21.62	21.71	21.83	0.0895	0.0914	0.0940
15	64QAM	1	74	21.67	21.79	21.70	0.0906	0.0931	0.0912
15	64QAM	36	0	21.04	21.17	21.09	0.0783	0.0807	0.0793
15	64QAM	36	20	21.14	21.14	21.00	0.0802	0.0802	0.0776
15	64QAM	36	39	20.99	21.11	20.94	0.0774	0.0796	0.0766
15	64QAM	75	0	21.06	21.13	20.97	0.0787	0.0800	0.0771
15	256QAM	1	0	17.18	17.34	17.18	0.0322	0.0334	0.0322
15	256QAM	1	37	17.17	17.27	17.20	0.0321	0.0329	0.0324
15	256QAM	1	74	17.16	17.23	17.14	0.0321	0.0326	0.0319
15	256QAM	36	0	17.05	17.14	17.04	0.0313	0.0319	0.0312
15	256QAM	36	20	17.05	17.14	17.07	0.0313	0.0319	0.0314
15	256QAM	36	39	17.10	17.13	17.16	0.0316	0.0318	0.0321
15	256QAM	75	0	17.08	17.25	17.05	0.0315	0.0327	0.0313
Channel				18650	18900	19150	EIRP(W)		
Frequency (MHz)				1855	1880	1905	L	M	H
10	QPSK	1	0	22.97	23.05	22.98	0.1222	0.1245	0.1225
10	QPSK	1	25	23.00	23.11	23.11	0.1230	0.1262	0.1262
10	QPSK	1	49	22.97	22.96	22.94	0.1222	0.1219	0.1213
10	QPSK	25	0	22.61	22.69	22.61	0.1125	0.1146	0.1125
10	QPSK	25	12	22.52	22.65	22.59	0.1102	0.1135	0.1119
10	QPSK	25	25	22.59	22.53	22.54	0.1119	0.1104	0.1107
10	QPSK	50	0	22.61	22.57	22.46	0.1125	0.1114	0.1086
10	16QAM	1	0	23.11	22.83	22.95	0.1262	0.1183	0.1216
10	16QAM	1	25	22.97	23.11	23.01	0.1222	0.1262	0.1233
10	16QAM	1	49	22.79	22.79	22.86	0.1172	0.1172	0.1191
10	16QAM	25	0	22.06	22.07	22.05	0.0991	0.0993	0.0989
10	16QAM	25	12	22.06	22.13	22.00	0.0991	0.1007	0.0977
10	16QAM	25	25	22.11	22.11	21.96	0.1002	0.1002	0.0968
10	16QAM	50	0	21.98	22.07	22.02	0.0973	0.0993	0.0982
10	64QAM	1	0	21.61	21.79	21.68	0.0893	0.0931	0.0908
10	64QAM	1	25	21.63	21.75	21.78	0.0897	0.0923	0.0929
10	64QAM	1	49	21.68	21.75	21.67	0.0908	0.0923	0.0906
10	64QAM	25	0	21.03	21.10	21.06	0.0782	0.0794	0.0787
10	64QAM	25	12	21.10	21.18	21.07	0.0794	0.0809	0.0789
10	64QAM	25	25	21.10	21.11	21.03	0.0794	0.0796	0.0782
10	64QAM	50	0	20.95	21.12	21.00	0.0767	0.0798	0.0776
10	256QAM	1	0	17.20	17.30	17.19	0.0324	0.0331	0.0323
10	256QAM	1	25	17.20	17.19	17.22	0.0324	0.0323	0.0325
10	256QAM	1	49	17.11	17.21	17.10	0.0317	0.0324	0.0316
10	256QAM	25	0	17.12	17.15	17.12	0.0318	0.0320	0.0318

10	256QAM	25	12	16.98	17.09	17.20	0.0308	0.0316	0.0324
10	256QAM	25	25	17.09	17.16	17.15	0.0316	0.0321	0.0320
10	256QAM	50	0	17.13	17.23	17.12	0.0318	0.0326	0.0318
Channel				18625	18900	19175	EIRP(W)		
Frequency (MHz)				1852.5	1880	1907.5	L	M	H
5	QPSK	1	0	22.99	23.08	23.00	0.1227	0.1253	0.1230
5	QPSK	1	12	23.08	23.17	23.04	0.1253	0.1279	0.1242
5	QPSK	1	24	23.01	22.99	22.99	0.1233	0.1227	0.1227
5	QPSK	12	0	22.59	22.61	22.55	0.1119	0.1125	0.1109
5	QPSK	12	7	22.61	22.69	22.51	0.1125	0.1146	0.1099
5	QPSK	12	13	22.47	22.50	22.58	0.1089	0.1096	0.1117
5	QPSK	25	0	22.47	22.55	22.57	0.1089	0.1109	0.1114
5	16QAM	1	0	23.04	22.78	23.03	0.1242	0.1169	0.1239
5	16QAM	1	12	22.86	23.02	23.04	0.1191	0.1236	0.1242
5	16QAM	1	24	22.89	22.84	22.93	0.1199	0.1186	0.1211
5	16QAM	12	0	22.04	22.15	22.07	0.0986	0.1012	0.0993
5	16QAM	12	7	22.00	22.14	21.98	0.0977	0.1009	0.0973
5	16QAM	12	13	22.14	22.10	21.95	0.1009	0.1000	0.0966
5	16QAM	25	0	22.01	22.11	22.05	0.0979	0.1002	0.0989
5	64QAM	1	0	21.56	21.88	21.69	0.0883	0.0951	0.0910
5	64QAM	1	12	21.63	21.68	21.77	0.0897	0.0908	0.0927
5	64QAM	1	24	21.59	21.78	21.61	0.0889	0.0929	0.0893
5	64QAM	12	0	21.11	21.18	21.13	0.0796	0.0809	0.0800
5	64QAM	12	7	21.01	21.09	21.05	0.0778	0.0793	0.0785
5	64QAM	12	13	21.12	21.02	21.01	0.0798	0.0780	0.0778
5	64QAM	25	0	20.97	21.04	21.07	0.0771	0.0783	0.0789
5	256QAM	1	0	17.08	17.27	17.12	0.0315	0.0329	0.0318
5	256QAM	1	12	17.17	17.19	17.20	0.0321	0.0323	0.0324
5	256QAM	1	24	17.13	17.30	17.19	0.0318	0.0331	0.0323
5	256QAM	12	0	17.12	17.14	17.06	0.0318	0.0319	0.0313
5	256QAM	12	7	17.06	17.20	17.14	0.0313	0.0324	0.0319
5	256QAM	12	13	17.16	17.21	17.17	0.0321	0.0324	0.0321
5	256QAM	25	0	17.16	17.12	17.08	0.0321	0.0318	0.0315
Channel				18615	18900	19185	EIRP(W)		
Frequency (MHz)				1851.5	1880	1908.5	L	M	H
3	QPSK	1	0	23.02	23.11	23.00	0.1236	0.1262	0.1230
3	QPSK	1	8	23.09	23.19	23.07	0.1256	0.1285	0.1250
3	QPSK	1	14	23.05	23.01	22.94	0.1245	0.1233	0.1213
3	QPSK	8	0	22.57	22.70	22.60	0.1114	0.1148	0.1122
3	QPSK	8	4	22.48	22.66	22.56	0.1091	0.1138	0.1112
3	QPSK	8	7	22.46	22.56	22.54	0.1086	0.1112	0.1107
3	QPSK	15	0	22.50	22.69	22.54	0.1096	0.1146	0.1107
3	16QAM	1	0	23.03	22.73	23.02	0.1239	0.1156	0.1236
3	16QAM	1	8	22.96	23.11	22.97	0.1219	0.1262	0.1222
3	16QAM	1	14	22.83	22.80	22.88	0.1183	0.1175	0.1197
3	16QAM	8	0	22.10	22.06	22.17	0.1000	0.0991	0.1016
3	16QAM	8	4	22.12	22.11	22.00	0.1005	0.1002	0.0977
3	16QAM	8	7	22.08	22.10	21.93	0.0995	0.1000	0.0962
3	16QAM	15	0	22.08	22.13	22.16	0.0995	0.1007	0.1014
3	64QAM	1	0	21.68	21.79	21.70	0.0908	0.0931	0.0912

3	64QAM	1	8	21.68	21.79	21.77	0.0908	0.0931	0.0927
3	64QAM	1	14	21.54	21.87	21.67	0.0879	0.0948	0.0906
3	64QAM	8	0	21.15	21.12	21.08	0.0804	0.0798	0.0791
3	64QAM	8	4	21.06	21.06	20.95	0.0787	0.0787	0.0767
3	64QAM	8	7	21.04	20.98	20.99	0.0783	0.0773	0.0774
3	64QAM	15	0	21.09	21.03	21.02	0.0793	0.0782	0.0780
3	256QAM	1	0	17.08	17.24	17.18	0.0315	0.0327	0.0322
3	256QAM	1	8	17.16	17.25	17.22	0.0321	0.0327	0.0325
3	256QAM	1	14	17.15	17.17	17.19	0.0320	0.0321	0.0323
3	256QAM	8	0	17.04	17.14	17.05	0.0312	0.0319	0.0313
3	256QAM	8	4	16.99	17.17	17.13	0.0308	0.0321	0.0318
3	256QAM	8	7	17.16	17.12	17.09	0.0321	0.0318	0.0316
3	256QAM	15	0	17.18	17.25	17.02	0.0322	0.0327	0.0310
Channel				18607	18900	19193	EIRP(W)		
Frequency (MHz)				1850.7	1880	1909.3	L	M	H
1.4	QPSK	1	0	22.96	23.15	22.89	0.1219	0.1274	0.1199
1.4	QPSK	1	3	23.04	23.21	22.98	0.1242	0.1291	0.1225
1.4	QPSK	1	5	23.07	22.98	22.97	0.1250	0.1225	0.1222
1.4	QPSK	3	0	23.05	23.03	22.94	0.1245	0.1239	0.1213
1.4	QPSK	3	1	23.01	23.23	23.08	0.1233	0.1297	0.1253
1.4	QPSK	3	3	23.02	22.96	22.96	0.1236	0.1219	0.1219
1.4	QPSK	6	0	22.57	22.57	22.48	0.1114	0.1114	0.1091
1.4	16QAM	1	0	23.14	22.71	22.95	0.1271	0.1151	0.1216
1.4	16QAM	1	3	22.96	23.05	22.98	0.1219	0.1245	0.1225
1.4	16QAM	1	5	22.75	22.87	22.85	0.1161	0.1194	0.1189
1.4	16QAM	3	0	23.04	22.72	23.05	0.1242	0.1153	0.1245
1.4	16QAM	3	1	22.91	23.07	22.91	0.1205	0.1250	0.1205
1.4	16QAM	3	3	22.80	22.86	22.93	0.1175	0.1191	0.1211
1.4	16QAM	6	0	22.09	22.09	22.05	0.0998	0.0998	0.0989
1.4	64QAM	1	0	21.68	21.75	21.69	0.0908	0.0923	0.0910
1.4	64QAM	1	3	21.69	21.67	21.85	0.0910	0.0906	0.0944
1.4	64QAM	1	5	21.63	21.80	21.62	0.0897	0.0933	0.0895
1.4	64QAM	3	0	21.64	21.86	21.81	0.0899	0.0946	0.0935
1.4	64QAM	3	1	21.65	21.79	21.80	0.0902	0.0931	0.0933
1.4	64QAM	3	3	21.54	21.85	21.70	0.0879	0.0944	0.0912
1.4	64QAM	6	0	21.04	21.10	20.99	0.0783	0.0794	0.0774
1.4	256QAM	1	0	17.18	17.22	17.05	0.0322	0.0325	0.0313
1.4	256QAM	1	3	17.12	17.23	17.27	0.0318	0.0326	0.0329
1.4	256QAM	1	5	17.15	17.27	17.13	0.0320	0.0329	0.0318
1.4	256QAM	3	0	17.15	17.18	17.17	0.0320	0.0322	0.0321
1.4	256QAM	3	1	17.01	17.09	17.21	0.0310	0.0316	0.0324
1.4	256QAM	3	3	17.18	17.23	17.08	0.0322	0.0326	0.0315
1.4	256QAM	6	0	17.16	17.17	17.16	0.0321	0.0321	0.0321

LTE Band 4_Ant11:

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	23.78	23.82	23.73	0.1343	0.1355	0.1327
20	QPSK	1	49	23.74	23.65	23.69	0.1330	0.1303	0.1315
20	QPSK	1	99	23.63	23.56	23.58	0.1297	0.1276	0.1282
20	QPSK	50	0	23.25	23.29	23.23	0.1189	0.1199	0.1183
20	QPSK	50	24	23.20	23.24	23.19	0.1175	0.1186	0.1172
20	QPSK	50	50	23.13	23.22	23.18	0.1156	0.1180	0.1169
20	QPSK	100	0	23.16	23.24	23.17	0.1164	0.1186	0.1167
20	16QAM	1	0	23.64	23.72	23.70	0.1300	0.1324	0.1318
20	16QAM	1	49	23.71	23.79	23.68	0.1321	0.1346	0.1312
20	16QAM	1	99	23.65	23.62	23.65	0.1303	0.1294	0.1303
20	16QAM	50	0	22.62	22.75	22.74	0.1028	0.1059	0.1057
20	16QAM	50	24	22.62	22.66	22.72	0.1028	0.1038	0.1052
20	16QAM	50	50	22.61	22.66	22.70	0.1026	0.1038	0.1047
20	16QAM	100	0	22.61	22.69	22.70	0.1026	0.1045	0.1047
20	64QAM	1	0	22.29	22.52	22.35	0.0953	0.1005	0.0966
20	64QAM	1	49	22.44	22.38	22.40	0.0986	0.0973	0.0977
20	64QAM	1	99	22.29	22.41	22.28	0.0953	0.0979	0.0951
20	64QAM	50	0	21.61	21.74	21.75	0.0815	0.0839	0.0841
20	64QAM	50	24	21.70	21.73	21.73	0.0832	0.0838	0.0838
20	64QAM	50	50	21.71	21.67	21.72	0.0834	0.0826	0.0836
20	64QAM	100	0	21.66	21.69	21.65	0.0824	0.0830	0.0822
20	256QAM	1	0	18.19	18.33	18.31	0.0371	0.0383	0.0381
20	256QAM	1	49	18.17	18.20	18.18	0.0369	0.0372	0.0370
20	256QAM	1	99	18.15	18.23	18.14	0.0367	0.0374	0.0366
20	256QAM	50	0	18.18	18.23	18.20	0.0370	0.0374	0.0372
20	256QAM	50	24	18.10	18.25	18.19	0.0363	0.0376	0.0371
20	256QAM	50	50	18.21	18.25	18.24	0.0372	0.0376	0.0375
20	256QAM	100	0	18.20	18.30	18.18	0.0372	0.0380	0.0370
Channel				20025	20175	20325	EIRP(W)		
Frequency (MHz)				1717.5	1732.5	1747.5	L	M	H
15	QPSK	1	0	23.71	23.59	23.57	0.1321	0.1285	0.1279
15	QPSK	1	37	23.67	23.76	23.69	0.1309	0.1337	0.1315
15	QPSK	1	74	23.52	23.44	23.47	0.1265	0.1242	0.1250
15	QPSK	36	0	23.19	23.15	23.14	0.1172	0.1161	0.1159
15	QPSK	36	20	23.11	23.12	23.09	0.1151	0.1153	0.1146
15	QPSK	36	39	23.00	23.08	23.08	0.1122	0.1143	0.1143
15	QPSK	75	0	23.11	23.23	23.14	0.1151	0.1183	0.1159
15	16QAM	1	0	23.54	23.64	23.58	0.1271	0.1300	0.1282
15	16QAM	1	37	23.67	23.65	23.57	0.1309	0.1303	0.1279
15	16QAM	1	74	23.57	23.47	23.54	0.1279	0.1250	0.1271
15	16QAM	36	0	22.49	22.65	22.60	0.0998	0.1035	0.1023
15	16QAM	36	20	22.55	22.51	22.59	0.1012	0.1002	0.1021
15	16QAM	36	39	22.52	22.62	22.58	0.1005	0.1028	0.1019
15	16QAM	75	0	22.47	22.62	22.59	0.0993	0.1028	0.1021

15	64QAM	1	0	22.25	22.47	22.32	0.0944	0.0993	0.0959
15	64QAM	1	37	22.37	22.24	22.31	0.0971	0.0942	0.0957
15	64QAM	1	74	22.28	22.40	22.17	0.0951	0.0977	0.0927
15	64QAM	36	0	21.47	21.73	21.67	0.0789	0.0838	0.0826
15	64QAM	36	20	21.55	21.59	21.62	0.0804	0.0811	0.0817
15	64QAM	36	39	21.63	21.63	21.69	0.0818	0.0818	0.0830
15	64QAM	75	0	21.54	21.55	21.54	0.0802	0.0804	0.0802
15	256QAM	1	0	18.16	18.25	18.28	0.0368	0.0376	0.0378
15	256QAM	1	37	18.08	18.05	18.15	0.0361	0.0359	0.0367
15	256QAM	1	74	18.00	18.10	18.02	0.0355	0.0363	0.0356
15	256QAM	36	0	18.06	18.14	18.17	0.0360	0.0366	0.0369
15	256QAM	36	20	17.96	18.18	18.09	0.0352	0.0370	0.0362
15	256QAM	36	39	18.18	18.24	18.23	0.0370	0.0375	0.0374
15	256QAM	75	0	18.11	18.21	18.06	0.0364	0.0372	0.0360
Channel				20000	20175	20350	EIRP(W)		
Frequency (MHz)				1715	1732.5	1750	L	M	H
10	QPSK	1	0	23.64	23.52	23.65	0.1300	0.1265	0.1303
10	QPSK	1	25	23.74	23.67	23.67	0.1330	0.1309	0.1309
10	QPSK	1	49	23.57	23.42	23.44	0.1279	0.1236	0.1242
10	QPSK	25	0	23.20	23.18	23.08	0.1175	0.1169	0.1143
10	QPSK	25	12	23.09	23.13	23.17	0.1146	0.1156	0.1167
10	QPSK	25	25	23.01	23.07	23.11	0.1125	0.1140	0.1151
10	QPSK	50	0	23.03	23.20	23.09	0.1130	0.1175	0.1146
10	16QAM	1	0	23.56	23.57	23.69	0.1276	0.1279	0.1315
10	16QAM	1	25	23.67	23.75	23.67	0.1309	0.1334	0.1309
10	16QAM	1	49	23.58	23.61	23.51	0.1282	0.1291	0.1262
10	16QAM	25	0	22.55	22.62	22.59	0.1012	0.1028	0.1021
10	16QAM	25	12	22.47	22.65	22.58	0.0993	0.1035	0.1019
10	16QAM	25	25	22.46	22.52	22.62	0.0991	0.1005	0.1028
10	16QAM	50	0	22.47	22.57	22.61	0.0993	0.1016	0.1026
10	64QAM	1	0	22.20	22.49	22.29	0.0933	0.0998	0.0953
10	64QAM	1	25	22.40	22.24	22.27	0.0977	0.0942	0.0948
10	64QAM	1	49	22.17	22.36	22.24	0.0927	0.0968	0.0942
10	64QAM	25	0	21.50	21.62	21.62	0.0794	0.0817	0.0817
10	64QAM	25	12	21.60	21.58	21.67	0.0813	0.0809	0.0826
10	64QAM	25	25	21.68	21.64	21.58	0.0828	0.0820	0.0809
10	64QAM	50	0	21.57	21.59	21.56	0.0807	0.0811	0.0805
10	256QAM	1	0	18.05	18.26	18.27	0.0359	0.0377	0.0378
10	256QAM	1	25	18.02	18.19	18.17	0.0356	0.0371	0.0369
10	256QAM	1	49	18.14	18.18	18.02	0.0366	0.0370	0.0356
10	256QAM	25	0	18.11	18.17	18.15	0.0364	0.0369	0.0367
10	256QAM	25	12	18.06	18.22	18.13	0.0360	0.0373	0.0366
10	256QAM	25	25	18.20	18.13	18.12	0.0372	0.0366	0.0365
10	256QAM	50	0	18.19	18.25	18.23	0.0371	0.0376	0.0374
Channel				19975	20175	20375	EIRP(W)		
Frequency (MHz)				1712.5	1732.5	1752.5	L	M	H
5	QPSK	1	0	23.59	23.58	23.67	0.1285	0.1282	0.1309
5	QPSK	1	12	23.75	23.69	23.67	0.1334	0.1315	0.1309
5	QPSK	1	24	23.52	23.44	23.57	0.1265	0.1242	0.1279
5	QPSK	12	0	23.15	23.25	23.20	0.1161	0.1189	0.1175

5	QPSK	12	7	23.07	23.09	23.05	0.1140	0.1146	0.1135
5	QPSK	12	13	23.10	23.07	23.07	0.1148	0.1140	0.1140
5	QPSK	25	0	23.15	23.20	23.12	0.1161	0.1175	0.1153
5	16QAM	1	0	23.53	23.59	23.67	0.1268	0.1285	0.1309
5	16QAM	1	12	23.65	23.72	23.61	0.1303	0.1324	0.1291
5	16QAM	1	24	23.50	23.57	23.50	0.1259	0.1279	0.1259
5	16QAM	12	0	22.57	22.73	22.59	0.1016	0.1054	0.1021
5	16QAM	12	7	22.52	22.61	22.62	0.1005	0.1026	0.1028
5	16QAM	12	13	22.53	22.54	22.66	0.1007	0.1009	0.1038
5	16QAM	25	0	22.58	22.68	22.63	0.1019	0.1042	0.1030
5	64QAM	1	0	22.21	22.46	22.33	0.0935	0.0991	0.0962
5	64QAM	1	12	22.30	22.35	22.31	0.0955	0.0966	0.0957
5	64QAM	1	24	22.19	22.28	22.15	0.0931	0.0951	0.0923
5	64QAM	12	0	21.47	21.61	21.70	0.0789	0.0815	0.0832
5	64QAM	12	7	21.60	21.64	21.71	0.0813	0.0820	0.0834
5	64QAM	12	13	21.59	21.62	21.60	0.0811	0.0817	0.0813
5	64QAM	25	0	21.63	21.72	21.74	0.0818	0.0836	0.0839
5	256QAM	1	0	18.19	18.34	18.32	0.0371	0.0384	0.0382
5	256QAM	1	12	18.16	18.21	18.23	0.0368	0.0372	0.0374
5	256QAM	1	24	18.14	18.21	18.19	0.0366	0.0372	0.0371
5	256QAM	12	0	18.18	18.30	18.22	0.0370	0.0380	0.0373
5	256QAM	12	7	18.05	18.32	18.28	0.0359	0.0382	0.0378
5	256QAM	12	13	18.20	18.34	18.29	0.0372	0.0384	0.0379
5	256QAM	25	0	18.28	18.39	18.27	0.0378	0.0388	0.0378
Channel				19965	20175	20385	EIRP(W)		
Frequency (MHz)				1711.5	1732.5	1753.5	L	M	H
3	QPSK	1	0	23.71	23.64	23.68	0.1321	0.1300	0.1312
3	QPSK	1	8	23.72	23.81	23.59	0.1324	0.1352	0.1285
3	QPSK	1	14	23.59	23.51	23.49	0.1285	0.1262	0.1256
3	QPSK	8	0	23.10	23.19	23.22	0.1148	0.1172	0.1180
3	QPSK	8	4	23.10	23.19	23.14	0.1148	0.1172	0.1159
3	QPSK	8	7	23.11	23.07	23.13	0.1151	0.1140	0.1156
3	QPSK	15	0	23.05	23.11	23.08	0.1135	0.1151	0.1143
3	16QAM	1	0	23.61	23.61	23.56	0.1291	0.1291	0.1276
3	16QAM	1	8	23.58	23.75	23.58	0.1282	0.1334	0.1282
3	16QAM	1	14	23.56	23.48	23.63	0.1276	0.1253	0.1297
3	16QAM	8	0	22.47	22.62	22.65	0.0993	0.1028	0.1035
3	16QAM	8	4	22.48	22.55	22.68	0.0995	0.1012	0.1042
3	16QAM	8	7	22.49	22.51	22.55	0.0998	0.1002	0.1012
3	16QAM	15	0	22.49	22.62	22.69	0.0998	0.1028	0.1045
3	64QAM	1	0	22.26	22.41	22.23	0.0946	0.0979	0.0940
3	64QAM	1	8	22.35	22.31	22.28	0.0966	0.0957	0.0951
3	64QAM	1	14	22.26	22.27	22.23	0.0946	0.0948	0.0940
3	64QAM	8	0	21.53	21.71	21.61	0.0800	0.0834	0.0815
3	64QAM	8	4	21.69	21.68	21.58	0.0830	0.0828	0.0809
3	64QAM	8	7	21.60	21.65	21.60	0.0813	0.0822	0.0813
3	64QAM	15	0	21.62	21.54	21.59	0.0817	0.0802	0.0811
3	256QAM	1	0	18.10	18.28	18.23	0.0363	0.0378	0.0374
3	256QAM	1	8	18.06	18.19	18.09	0.0360	0.0371	0.0362
3	256QAM	1	14	18.02	18.13	18.06	0.0356	0.0366	0.0360

3	256QAM	8	0	18.24	18.30	18.21	0.0375	0.0380	0.0372
3	256QAM	8	4	18.18	18.23	18.17	0.0370	0.0374	0.0369
3	256QAM	8	7	18.30	18.26	18.33	0.0380	0.0377	0.0383
3	256QAM	15	0	18.22	18.31	18.16	0.0373	0.0381	0.0368
Channel				19950	20175	20393	EIRP(W)		
Frequency (MHz)				1710	1732.5	1754.3	L	M	H
1.4	QPSK	1	0	23.71	23.58	23.59	0.1321	0.1282	0.1285
1.4	QPSK	1	3	23.68	23.74	23.59	0.1312	0.1330	0.1285
1.4	QPSK	1	5	23.58	23.55	23.56	0.1282	0.1274	0.1276
1.4	QPSK	3	0	23.63	23.54	23.61	0.1297	0.1271	0.1291
1.4	QPSK	3	1	23.66	23.74	23.60	0.1306	0.1330	0.1288
1.4	QPSK	3	3	23.56	23.50	23.49	0.1276	0.1259	0.1256
1.4	QPSK	6	0	23.01	23.11	23.11	0.1125	0.1151	0.1151
1.4	16QAM	1	0	23.54	23.58	23.63	0.1271	0.1282	0.1297
1.4	16QAM	1	3	23.66	23.77	23.64	0.1306	0.1340	0.1300
1.4	16QAM	1	5	23.50	23.48	23.53	0.1259	0.1253	0.1268
1.4	16QAM	3	0	23.60	23.61	23.63	0.1288	0.1291	0.1297
1.4	16QAM	3	1	23.60	23.78	23.64	0.1288	0.1343	0.1300
1.4	16QAM	3	3	23.55	23.49	23.55	0.1274	0.1256	0.1274
1.4	16QAM	6	0	22.48	22.59	22.57	0.0995	0.1021	0.1016
1.4	64QAM	1	0	22.27	22.43	22.23	0.0948	0.0984	0.0940
1.4	64QAM	1	3	22.30	22.29	22.31	0.0955	0.0953	0.0957
1.4	64QAM	1	5	22.30	22.37	22.30	0.0955	0.0971	0.0955
1.4	64QAM	3	0	22.34	22.47	22.34	0.0964	0.0993	0.0964
1.4	64QAM	3	1	22.48	22.39	22.37	0.0995	0.0975	0.0971
1.4	64QAM	3	3	22.30	22.46	22.26	0.0955	0.0991	0.0946
1.4	64QAM	6	0	21.75	21.73	21.65	0.0841	0.0838	0.0822
1.4	256QAM	1	0	18.23	18.41	18.35	0.0374	0.0390	0.0385
1.4	256QAM	1	3	18.14	18.24	18.16	0.0366	0.0375	0.0368
1.4	256QAM	1	5	18.16	18.27	18.22	0.0368	0.0378	0.0373
1.4	256QAM	3	0	18.22	18.25	18.27	0.0373	0.0376	0.0378
1.4	256QAM	3	1	18.07	18.23	18.23	0.0361	0.0374	0.0374
1.4	256QAM	3	3	18.17	18.32	18.26	0.0369	0.0382	0.0377
1.4	256QAM	6	0	18.20	18.36	18.21	0.0372	0.0385	0.0372

LTE Band 5_Ant1:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)		
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844	L	M	H
10	QPSK	1	0	24.12	24.15	24.08	0.0498	0.0501	0.0493
10	QPSK	1	25	23.99	24.10	24.01	0.0483	0.0495	0.0485
10	QPSK	1	49	24.07	23.99	23.97	0.0492	0.0483	0.0481
10	QPSK	25	0	23.55	23.60	23.53	0.0437	0.0442	0.0435
10	QPSK	25	12	23.52	23.49	23.46	0.0434	0.0431	0.0428
10	QPSK	25	25	23.53	23.52	23.38	0.0435	0.0434	0.0420
10	QPSK	50	0	23.51	23.53	23.51	0.0433	0.0435	0.0433
10	16QAM	1	0	23.85	23.79	23.86	0.0468	0.0461	0.0469
10	16QAM	1	25	23.65	23.77	23.66	0.0447	0.0459	0.0448
10	16QAM	1	49	23.80	23.68	23.75	0.0462	0.0450	0.0457
10	16QAM	25	0	22.93	22.98	23.05	0.0378	0.0383	0.0389
10	16QAM	25	12	23.03	23.03	23.01	0.0387	0.0387	0.0385
10	16QAM	25	25	22.92	23.03	22.91	0.0378	0.0387	0.0377
10	16QAM	50	0	23.00	23.08	22.95	0.0385	0.0392	0.0380
10	64QAM	1	0	22.60	22.43	22.53	0.0351	0.0337	0.0345
10	64QAM	1	25	22.68	22.64	22.51	0.0357	0.0354	0.0344
10	64QAM	1	49	22.65	22.65	22.49	0.0355	0.0355	0.0342
10	64QAM	25	0	21.84	21.97	22.00	0.0294	0.0303	0.0305
10	64QAM	25	12	22.00	21.97	22.00	0.0305	0.0303	0.0305
10	64QAM	25	25	21.96	21.98	21.84	0.0303	0.0304	0.0294
10	64QAM	50	0	21.99	22.01	21.90	0.0305	0.0306	0.0299
10	256QAM	1	0	18.62	18.66	18.54	0.0140	0.0142	0.0138
10	256QAM	1	25	18.62	18.63	18.52	0.0140	0.0141	0.0137
10	256QAM	1	49	18.55	18.57	18.46	0.0138	0.0139	0.0135
10	256QAM	25	0	18.44	18.59	18.55	0.0135	0.0139	0.0138
10	256QAM	25	12	18.49	18.52	18.42	0.0136	0.0137	0.0134
10	256QAM	25	25	18.47	18.57	18.44	0.0136	0.0139	0.0135
10	256QAM	50	0	18.52	18.62	18.50	0.0137	0.0140	0.0136
Channel				20425	20525	20625	ERP(W)		
Frequency (MHz)				826.5	836.5	846.5	L	M	H
5	QPSK	1	0	23.97	24.08	23.93	0.0481	0.0493	0.0476
5	QPSK	1	12	24.06	24.14	23.96	0.0491	0.0500	0.0480
5	QPSK	1	24	23.93	23.97	23.82	0.0476	0.0481	0.0465
5	QPSK	12	0	23.42	23.51	23.48	0.0424	0.0433	0.0430
5	QPSK	12	7	23.42	23.41	23.40	0.0424	0.0423	0.0422
5	QPSK	12	13	23.41	23.46	23.30	0.0423	0.0428	0.0412
5	QPSK	25	0	23.50	23.52	23.42	0.0432	0.0434	0.0424
5	16QAM	1	0	23.72	23.70	23.73	0.0454	0.0452	0.0455
5	16QAM	1	12	23.59	23.71	23.55	0.0441	0.0453	0.0437
5	16QAM	1	24	23.67	23.58	23.74	0.0449	0.0440	0.0456
5	16QAM	12	0	22.78	22.92	23.02	0.0366	0.0378	0.0386
5	16QAM	12	7	22.93	22.95	22.90	0.0378	0.0380	0.0376
5	16QAM	12	13	22.79	22.94	22.80	0.0366	0.0379	0.0367
5	16QAM	25	0	22.92	23.05	22.83	0.0378	0.0389	0.0370

5	64QAM	1	0	22.49	22.34	22.38	0.0342	0.0330	0.0333
5	64QAM	1	12	22.67	22.59	22.40	0.0356	0.0350	0.0335
5	64QAM	1	24	22.54	22.64	22.39	0.0346	0.0354	0.0334
5	64QAM	12	0	21.74	21.89	21.88	0.0288	0.0298	0.0297
5	64QAM	12	7	21.87	21.86	21.90	0.0296	0.0296	0.0299
5	64QAM	12	13	21.94	21.96	21.76	0.0301	0.0303	0.0289
5	64QAM	25	0	21.87	21.96	21.87	0.0296	0.0303	0.0296
5	256QAM	1	0	18.48	18.54	18.43	0.0136	0.0138	0.0134
5	256QAM	1	12	18.55	18.60	18.40	0.0138	0.0140	0.0133
5	256QAM	1	24	18.44	18.51	18.36	0.0135	0.0137	0.0132
5	256QAM	12	0	18.30	18.55	18.40	0.0130	0.0138	0.0133
5	256QAM	12	7	18.42	18.37	18.31	0.0134	0.0132	0.0131
5	256QAM	12	13	18.43	18.42	18.39	0.0134	0.0134	0.0133
5	256QAM	25	0	18.45	18.52	18.46	0.0135	0.0137	0.0135
Channel				20415	20525	20635	ERP(W)		
Frequency (MHz)				825.5	836.5	847.5	L	M	H
3	QPSK	1	0	23.86	24.05	23.96	0.0469	0.0490	0.0480
3	QPSK	1	8	23.98	24.01	24.01	0.0482	0.0485	0.0485
3	QPSK	1	14	23.96	23.84	23.87	0.0480	0.0467	0.0470
3	QPSK	8	0	23.43	23.45	23.51	0.0425	0.0427	0.0433
3	QPSK	8	4	23.48	23.47	23.38	0.0430	0.0429	0.0420
3	QPSK	8	7	23.38	23.41	23.26	0.0420	0.0423	0.0408
3	QPSK	15	0	23.41	23.50	23.41	0.0423	0.0432	0.0423
3	16QAM	1	0	23.84	23.74	23.78	0.0467	0.0456	0.0460
3	16QAM	1	8	23.56	23.67	23.51	0.0438	0.0449	0.0433
3	16QAM	1	14	23.78	23.56	23.74	0.0460	0.0438	0.0456
3	16QAM	8	0	22.85	22.83	23.04	0.0372	0.0370	0.0388
3	16QAM	8	4	22.97	22.98	22.96	0.0382	0.0383	0.0381
3	16QAM	8	7	22.79	22.89	22.85	0.0366	0.0375	0.0372
3	16QAM	15	0	22.98	23.06	22.82	0.0383	0.0390	0.0369
3	64QAM	1	0	22.45	22.34	22.47	0.0339	0.0330	0.0340
3	64QAM	1	8	22.58	22.62	22.50	0.0349	0.0352	0.0343
3	64QAM	1	14	22.57	22.60	22.38	0.0348	0.0351	0.0333
3	64QAM	8	0	21.75	21.85	21.98	0.0288	0.0295	0.0304
3	64QAM	8	4	21.86	21.86	21.94	0.0296	0.0296	0.0301
3	64QAM	8	7	21.85	21.87	21.75	0.0295	0.0296	0.0288
3	64QAM	15	0	21.96	21.91	21.76	0.0303	0.0299	0.0289
3	256QAM	1	0	18.49	18.63	18.49	0.0136	0.0141	0.0136
3	256QAM	1	8	18.55	18.58	18.42	0.0138	0.0139	0.0134
3	256QAM	1	14	18.54	18.46	18.44	0.0138	0.0135	0.0135
3	256QAM	8	0	18.41	18.47	18.52	0.0134	0.0136	0.0137
3	256QAM	8	4	18.35	18.43	18.37	0.0132	0.0134	0.0132
3	256QAM	8	7	18.39	18.47	18.40	0.0133	0.0136	0.0133
3	256QAM	15	0	18.41	18.57	18.47	0.0134	0.0139	0.0136
Channel				20407	20525	20643	ERP(W)		
Frequency (MHz)				824.7	836.5	848.3	L	M	H
1.4	QPSK	1	0	23.95	23.97	23.91	0.0479	0.0481	0.0474
1.4	QPSK	1	3	24.00	24.11	24.05	0.0484	0.0497	0.0490
1.4	QPSK	1	5	23.93	23.88	23.90	0.0476	0.0471	0.0473
1.4	QPSK	3	0	23.90	24.09	24.00	0.0473	0.0494	0.0484

1.4	QPSK	3	1	24.08	24.08	24.06	0.0493	0.0493	0.0491
1.4	QPSK	3	3	23.98	23.84	23.83	0.0482	0.0467	0.0466
1.4	QPSK	6	0	23.47	23.43	23.44	0.0429	0.0425	0.0426
1.4	16QAM	1	0	23.70	23.75	23.76	0.0452	0.0457	0.0458
1.4	16QAM	1	3	23.61	23.75	23.63	0.0443	0.0457	0.0445
1.4	16QAM	1	5	23.77	23.53	23.66	0.0459	0.0435	0.0448
1.4	16QAM	3	0	23.81	23.75	23.72	0.0463	0.0457	0.0454
1.4	16QAM	3	1	23.51	23.63	23.63	0.0433	0.0445	0.0445
1.4	16QAM	3	3	23.65	23.63	23.66	0.0447	0.0445	0.0448
1.4	16QAM	6	0	22.87	23.02	22.90	0.0373	0.0386	0.0376
1.4	64QAM	1	0	22.56	22.38	22.45	0.0348	0.0333	0.0339
1.4	64QAM	1	3	22.63	22.58	22.44	0.0353	0.0349	0.0338
1.4	64QAM	1	5	22.55	22.61	22.48	0.0347	0.0352	0.0341
1.4	64QAM	3	0	22.52	22.28	22.49	0.0344	0.0326	0.0342
1.4	64QAM	3	1	22.64	22.49	22.41	0.0354	0.0342	0.0336
1.4	64QAM	3	3	22.50	22.63	22.44	0.0343	0.0353	0.0338
1.4	64QAM	6	0	21.98	21.93	21.85	0.0304	0.0301	0.0295
1.4	256QAM	1	0	18.54	18.54	18.45	0.0138	0.0138	0.0135
1.4	256QAM	1	3	18.55	18.49	18.38	0.0138	0.0136	0.0133
1.4	256QAM	1	5	18.54	18.54	18.40	0.0138	0.0138	0.0133
1.4	256QAM	3	0	18.36	18.44	18.53	0.0132	0.0135	0.0137
1.4	256QAM	3	1	18.38	18.48	18.35	0.0133	0.0136	0.0132
1.4	256QAM	3	3	18.39	18.56	18.29	0.0133	0.0138	0.0130
1.4	256QAM	6	0	18.46	18.58	18.49	0.0135	0.0139	0.0136

LTE Band 12_Ant0:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)		
Channel				23060	23095	23130			
Frequency (MHz)				704	707.5	711	L	M	H
10	QPSK	1	0	22.30	22.36	22.33	0.0301	0.0305	0.0303
10	QPSK	1	25	22.13	22.20	22.28	0.0289	0.0294	0.0299
10	QPSK	1	49	22.28	22.33	22.31	0.0299	0.0303	0.0301
10	QPSK	25	0	21.73	21.76	21.74	0.0264	0.0265	0.0264
10	QPSK	25	12	21.68	21.54	21.67	0.0261	0.0252	0.0260
10	QPSK	25	25	21.70	21.66	21.71	0.0262	0.0259	0.0262
10	QPSK	50	0	21.63	21.72	21.67	0.0258	0.0263	0.0260
10	16QAM	1	0	21.75	21.91	21.87	0.0265	0.0275	0.0272
10	16QAM	1	25	21.75	22.05	21.78	0.0265	0.0284	0.0267
10	16QAM	1	49	21.99	22.08	22.02	0.0280	0.0286	0.0282
10	16QAM	25	0	21.24	21.11	21.15	0.0236	0.0229	0.0231
10	16QAM	25	12	21.31	21.12	21.09	0.0239	0.0229	0.0228
10	16QAM	25	25	21.31	21.10	21.21	0.0239	0.0228	0.0234
10	16QAM	50	0	21.23	21.14	21.24	0.0235	0.0230	0.0236
10	64QAM	1	0	20.90	21.03	21.02	0.0218	0.0224	0.0224
10	64QAM	1	25	20.83	20.96	20.88	0.0214	0.0221	0.0217
10	64QAM	1	49	20.98	21.01	21.10	0.0222	0.0223	0.0228
10	64QAM	25	0	20.14	20.19	20.17	0.0183	0.0185	0.0184
10	64QAM	25	12	20.19	20.11	20.11	0.0185	0.0182	0.0182

10	64QAM	25	25	20.25	20.16	20.17	0.0187	0.0184	0.0184
10	64QAM	50	0	20.26	20.18	20.19	0.0188	0.0185	0.0185
10	256QAM	1	0	17.10	17.24	17.21	0.0091	0.0094	0.0093
10	256QAM	1	25	17.13	17.22	17.18	0.0091	0.0093	0.0092
10	256QAM	1	49	17.13	17.16	17.05	0.0091	0.0092	0.0090
10	256QAM	25	0	17.02	17.09	17.04	0.0089	0.0091	0.0090
10	256QAM	25	12	17.00	17.11	17.01	0.0089	0.0091	0.0089
10	256QAM	25	25	17.10	17.21	17.09	0.0091	0.0093	0.0091
10	256QAM	50	0	17.04	17.18	17.10	0.0090	0.0092	0.0091
Channel				23035	23095	23155	ERP(W)		
Frequency (MHz)				701.5	707.5	713.5	L	M	H
5	QPSK	1	0	22.04	22.08	22.20	0.0283	0.0286	0.0294
5	QPSK	1	12	22.25	22.32	22.32	0.0297	0.0302	0.0302
5	QPSK	1	24	22.23	22.29	22.27	0.0296	0.0300	0.0299
5	QPSK	12	0	21.72	21.61	21.66	0.0263	0.0256	0.0259
5	QPSK	12	7	21.54	21.43	21.54	0.0252	0.0246	0.0252
5	QPSK	12	13	21.67	21.60	21.70	0.0260	0.0256	0.0262
5	QPSK	25	0	21.50	21.58	21.52	0.0250	0.0255	0.0251
5	16QAM	1	0	21.64	21.84	21.72	0.0258	0.0270	0.0263
5	16QAM	1	12	21.61	21.93	21.64	0.0256	0.0276	0.0258
5	16QAM	1	24	21.89	21.99	21.94	0.0274	0.0280	0.0277
5	16QAM	12	0	21.20	21.10	21.00	0.0233	0.0228	0.0223
5	16QAM	12	7	21.27	21.08	20.99	0.0237	0.0227	0.0222
5	16QAM	12	13	21.22	21.09	21.13	0.0234	0.0228	0.0230
5	16QAM	25	0	21.15	21.11	21.22	0.0231	0.0229	0.0234
5	64QAM	1	0	20.87	20.89	20.94	0.0216	0.0217	0.0220
5	64QAM	1	12	20.79	20.91	20.83	0.0212	0.0218	0.0214
5	64QAM	1	24	20.87	20.91	20.99	0.0216	0.0218	0.0222
5	64QAM	12	0	20.06	20.09	20.04	0.0179	0.0181	0.0179
5	64QAM	12	7	20.13	19.96	19.97	0.0182	0.0175	0.0176
5	64QAM	12	13	20.22	20.13	20.07	0.0186	0.0182	0.0180
5	64QAM	25	0	20.22	20.05	20.05	0.0186	0.0179	0.0179
5	256QAM	1	0	16.97	17.15	17.09	0.0088	0.0092	0.0091
5	256QAM	1	12	17.06	17.11	17.14	0.0090	0.0091	0.0092
5	256QAM	1	24	17.07	17.15	16.98	0.0090	0.0092	0.0088
5	256QAM	12	0	16.95	16.97	16.95	0.0088	0.0088	0.0088
5	256QAM	12	7	16.94	17.09	16.91	0.0087	0.0091	0.0087
5	256QAM	12	13	17.04	17.12	17.07	0.0090	0.0091	0.0090
5	256QAM	25	0	16.93	17.11	16.99	0.0087	0.0091	0.0089
Channel				23025	23095	23165	ERP(W)		
Frequency (MHz)				700.5	707.5	714.5	L	M	H
3	QPSK	1	0	22.04	22.16	22.25	0.0283	0.0291	0.0297
3	QPSK	1	8	22.18	22.28	22.24	0.0292	0.0299	0.0296
3	QPSK	1	14	22.23	22.20	22.30	0.0296	0.0294	0.0301
3	QPSK	8	0	21.61	21.75	21.64	0.0256	0.0265	0.0258
3	QPSK	8	4	21.59	21.46	21.53	0.0255	0.0248	0.0252
3	QPSK	8	7	21.56	21.61	21.59	0.0254	0.0256	0.0255
3	QPSK	15	0	21.53	21.62	21.62	0.0252	0.0257	0.0257
3	16QAM	1	0	21.65	21.81	21.83	0.0259	0.0269	0.0270
3	16QAM	1	8	21.70	21.93	21.69	0.0262	0.0276	0.0261

3	16QAM	1	14	21.95	21.94	21.95	0.0277	0.0277	0.0277
3	16QAM	8	0	21.17	21.07	21.06	0.0232	0.0226	0.0226
3	16QAM	8	4	21.23	20.99	21.04	0.0235	0.0222	0.0225
3	16QAM	8	7	21.25	20.99	21.18	0.0236	0.0222	0.0232
3	16QAM	15	0	21.22	21.04	21.21	0.0234	0.0225	0.0234
3	64QAM	1	0	20.86	20.90	21.01	0.0216	0.0218	0.0223
3	64QAM	1	8	20.69	20.84	20.79	0.0207	0.0215	0.0212
3	64QAM	1	14	20.88	20.91	21.07	0.0217	0.0218	0.0226
3	64QAM	8	0	20.02	20.07	20.12	0.0178	0.0180	0.0182
3	64QAM	8	4	20.07	20.10	20.00	0.0180	0.0181	0.0177
3	64QAM	8	7	20.18	20.08	20.15	0.0185	0.0180	0.0183
3	64QAM	15	0	20.19	20.09	20.11	0.0185	0.0181	0.0182
3	256QAM	1	0	16.99	17.21	17.17	0.0089	0.0093	0.0092
3	256QAM	1	8	17.05	17.16	17.14	0.0090	0.0092	0.0092
3	256QAM	1	14	17.09	17.02	17.03	0.0091	0.0089	0.0089
3	256QAM	8	0	16.89	17.04	16.94	0.0086	0.0090	0.0087
3	256QAM	8	4	16.97	16.99	16.90	0.0088	0.0089	0.0087
3	256QAM	8	7	17.05	17.13	16.95	0.0090	0.0091	0.0088
3	256QAM	15	0	17.03	17.07	17.08	0.0089	0.0090	0.0090
Channel				23017	23095	23173	ERP(W)		
Frequency (MHz)				699.7	707.5	715.3	L	M	H
1.4	QPSK	1	0	21.99	22.13	22.25	0.0280	0.0289	0.0297
1.4	QPSK	1	3	22.20	22.25	22.28	0.0294	0.0297	0.0299
1.4	QPSK	1	5	22.26	22.23	22.29	0.0298	0.0296	0.0300
1.4	QPSK	3	0	22.09	22.10	22.15	0.0286	0.0287	0.0290
1.4	QPSK	3	1	22.26	22.24	22.27	0.0298	0.0296	0.0299
1.4	QPSK	3	3	22.23	22.25	22.30	0.0296	0.0297	0.0301
1.4	QPSK	6	0	21.62	21.66	21.66	0.0257	0.0259	0.0259
1.4	16QAM	1	0	21.67	21.78	21.74	0.0260	0.0267	0.0264
1.4	16QAM	1	3	21.72	21.95	21.73	0.0263	0.0277	0.0264
1.4	16QAM	1	5	21.90	21.97	21.94	0.0274	0.0279	0.0277
1.4	16QAM	3	0	21.72	21.87	21.79	0.0263	0.0272	0.0267
1.4	16QAM	3	1	21.64	22.02	21.73	0.0258	0.0282	0.0264
1.4	16QAM	3	3	21.93	21.94	21.96	0.0276	0.0277	0.0278
1.4	16QAM	6	0	21.21	21.00	21.21	0.0234	0.0223	0.0234
1.4	64QAM	1	0	20.83	20.96	20.91	0.0214	0.0221	0.0218
1.4	64QAM	1	3	20.75	20.82	20.87	0.0210	0.0214	0.0216
1.4	64QAM	1	5	20.85	20.96	21.02	0.0215	0.0221	0.0224
1.4	64QAM	3	0	20.77	20.88	20.95	0.0211	0.0217	0.0220
1.4	64QAM	3	1	20.75	20.95	20.76	0.0210	0.0220	0.0211
1.4	64QAM	3	3	20.92	20.99	20.95	0.0219	0.0222	0.0220
1.4	64QAM	6	0	20.25	20.05	20.13	0.0187	0.0179	0.0182
1.4	256QAM	1	0	16.99	17.22	17.12	0.0089	0.0093	0.0091
1.4	256QAM	1	3	17.06	17.17	17.09	0.0090	0.0092	0.0091
1.4	256QAM	1	5	17.05	17.05	16.92	0.0090	0.0090	0.0087
1.4	256QAM	3	0	16.93	17.07	16.97	0.0087	0.0090	0.0088
1.4	256QAM	3	1	16.99	17.01	16.94	0.0089	0.0089	0.0087
1.4	256QAM	3	3	17.09	17.08	16.96	0.0091	0.0090	0.0088
1.4	256QAM	6	0	16.91	17.11	16.97	0.0087	0.0091	0.0088

LTE Band 13_Ant0:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)		
Channel					23230				
Frequency (MHz)					782			M	
10	QPSK	1	0		22.32			0.0249	
10	QPSK	1	25		22.23			0.0244	
10	QPSK	1	49		22.29			0.0248	
10	QPSK	25	0		21.88			0.0225	
10	QPSK	25	12		21.74			0.0218	
10	QPSK	25	25		21.85			0.0224	
10	QPSK	50	0		21.85			0.0224	
10	16QAM	1	0		21.85			0.0224	
10	16QAM	1	25		21.81			0.0222	
10	16QAM	1	49		22.08			0.0236	
10	16QAM	25	0		21.29			0.0197	
10	16QAM	25	12		21.31			0.0198	
10	16QAM	25	25		21.34			0.0199	
10	16QAM	50	0		21.29			0.0197	
10	64QAM	1	0		20.73			0.0173	
10	64QAM	1	25		20.64			0.0169	
10	64QAM	1	49		21.00			0.0184	
10	64QAM	25	0		20.25			0.0155	
10	64QAM	25	12		20.20			0.0153	
10	64QAM	25	25		20.33			0.0158	
10	64QAM	50	0		20.21			0.0153	
10	256QAM	1	0		17.22			0.0077	
10	256QAM	1	25		17.17			0.0076	
10	256QAM	1	49		17.18			0.0076	
10	256QAM	25	0		17.09			0.0075	
10	256QAM	25	12		17.09			0.0075	
10	256QAM	25	25		17.14			0.0076	
10	256QAM	50	0		17.20			0.0077	
Channel				23205	23230	23255	ERP(W)		
Frequency (MHz)				779.5	782	784.5	L	M	H
5	QPSK	1	0	22.12	22.22	22.11	0.0238	0.0244	0.0238
5	QPSK	1	12	22.25	22.30	22.29	0.0245	0.0248	0.0248
5	QPSK	1	24	22.19	22.22	22.27	0.0242	0.0244	0.0247
5	QPSK	12	0	21.81	21.77	21.73	0.0222	0.0220	0.0218
5	QPSK	12	7	21.73	21.72	21.72	0.0218	0.0217	0.0217
5	QPSK	12	13	21.70	21.72	21.81	0.0216	0.0217	0.0222
5	QPSK	25	0	21.83	21.71	21.78	0.0223	0.0217	0.0220
5	16QAM	1	0	21.77	21.75	21.77	0.0220	0.0219	0.0220
5	16QAM	1	12	21.71	21.71	21.72	0.0217	0.0217	0.0217
5	16QAM	1	24	22.03	21.97	22.02	0.0233	0.0230	0.0233
5	16QAM	12	0	21.24	21.25	21.16	0.0195	0.0195	0.0191
5	16QAM	12	7	21.23	21.21	21.25	0.0194	0.0193	0.0195
5	16QAM	12	13	21.26	21.31	21.21	0.0195	0.0198	0.0193
5	16QAM	25	0	21.26	21.19	21.20	0.0195	0.0192	0.0193

5	64QAM	1	0	20.63	20.66	20.72	0.0169	0.0170	0.0173
5	64QAM	1	12	20.61	20.58	20.52	0.0168	0.0167	0.0165
5	64QAM	1	24	20.99	20.94	20.99	0.0184	0.0182	0.0184
5	64QAM	12	0	20.21	20.19	20.23	0.0153	0.0153	0.0154
5	64QAM	12	7	20.07	20.17	20.06	0.0149	0.0152	0.0148
5	64QAM	12	13	20.23	20.25	20.24	0.0154	0.0155	0.0155
5	64QAM	25	0	20.16	20.20	20.13	0.0152	0.0153	0.0151
5	256QAM	1	0	17.13	17.08	17.20	0.0076	0.0075	0.0077
5	256QAM	1	12	17.10	17.12	17.06	0.0075	0.0075	0.0074
5	256QAM	1	24	17.17	17.05	17.11	0.0076	0.0074	0.0075
5	256QAM	12	0	17.06	17.02	16.95	0.0074	0.0074	0.0072
5	256QAM	12	7	17.01	17.04	17.07	0.0073	0.0074	0.0074
5	256QAM	12	13	17.01	17.05	17.02	0.0073	0.0074	0.0074
5	256QAM	25	0	17.10	17.14	17.14	0.0075	0.0076	0.0076

LTE Band 17_Ant0:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)		
Channel				23780	23790	23800			
Frequency (MHz)				709	710	711	L	M	H
10	QPSK	1	0	22.31	22.33	22.28	0.0301	0.0303	0.0299
10	QPSK	1	25	22.30	22.29	22.26	0.0301	0.0300	0.0298
10	QPSK	1	49	22.28	22.29	22.23	0.0299	0.0300	0.0296
10	QPSK	25	0	21.71	21.82	21.78	0.0262	0.0269	0.0267
10	QPSK	25	12	21.66	21.67	21.72	0.0259	0.0260	0.0263
10	QPSK	25	25	21.63	21.74	21.71	0.0258	0.0264	0.0262
10	QPSK	50	0	21.68	21.75	21.71	0.0261	0.0265	0.0262
10	16QAM	1	0	21.86	22.04	21.98	0.0272	0.0283	0.0279
10	16QAM	1	25	21.80	21.98	21.94	0.0268	0.0279	0.0277
10	16QAM	1	49	21.96	22.06	22.06	0.0278	0.0284	0.0284
10	16QAM	25	0	21.21	21.17	21.21	0.0234	0.0232	0.0234
10	16QAM	25	12	21.23	21.22	21.25	0.0235	0.0234	0.0236
10	16QAM	25	25	21.24	21.17	21.24	0.0236	0.0232	0.0236
10	16QAM	50	0	21.16	21.26	21.30	0.0231	0.0237	0.0239
10	64QAM	1	0	20.78	21.00	20.86	0.0212	0.0223	0.0216
10	64QAM	1	25	20.83	20.90	20.73	0.0214	0.0218	0.0209
10	64QAM	1	49	20.81	20.98	20.69	0.0213	0.0222	0.0207
10	64QAM	25	0	20.18	20.13	20.27	0.0185	0.0182	0.0188
10	64QAM	25	12	20.14	20.12	20.23	0.0183	0.0182	0.0187
10	64QAM	25	25	20.23	20.16	20.23	0.0187	0.0184	0.0187
10	64QAM	50	0	20.16	20.15	20.28	0.0184	0.0183	0.0189
10	256QAM	1	0	17.25	17.26	17.12	0.0094	0.0094	0.0091
10	256QAM	1	25	17.04	17.13	17.03	0.0090	0.0091	0.0089
10	256QAM	1	49	17.04	17.12	17.06	0.0090	0.0091	0.0090
10	256QAM	25	0	17.07	17.19	17.16	0.0090	0.0093	0.0092
10	256QAM	25	12	17.21	17.24	17.15	0.0093	0.0094	0.0092
10	256QAM	25	25	17.07	17.22	17.08	0.0090	0.0093	0.0090
10	256QAM	50	0	17.08	17.22	17.14	0.0090	0.0093	0.0092
Channel				23755	23790	23825	ERP(W)		

Frequency (MHz)				706.5	710	713.5	L	M	H
5	QPSK	1	0	22.28	22.22	22.16	0.0299	0.0295	0.0291
5	QPSK	1	12	22.19	22.32	22.16	0.0293	0.0302	0.0291
5	QPSK	1	24	22.21	22.18	22.14	0.0294	0.0292	0.0290
5	QPSK	12	0	21.67	21.70	21.65	0.0260	0.0262	0.0259
5	QPSK	12	7	21.54	21.53	21.67	0.0252	0.0252	0.0260
5	QPSK	12	13	21.54	21.66	21.56	0.0252	0.0259	0.0254
5	QPSK	25	0	21.54	21.68	21.58	0.0252	0.0261	0.0255
5	16QAM	1	0	21.79	21.92	21.95	0.0267	0.0275	0.0277
5	16QAM	1	12	21.66	21.92	21.92	0.0259	0.0275	0.0275
5	16QAM	1	24	21.91	21.93	21.95	0.0275	0.0276	0.0277
5	16QAM	12	0	21.18	21.15	21.18	0.0232	0.0231	0.0232
5	16QAM	12	7	21.12	21.16	21.11	0.0229	0.0231	0.0229
5	16QAM	12	13	21.19	21.08	21.21	0.0233	0.0227	0.0234
5	16QAM	25	0	21.11	21.12	21.19	0.0229	0.0229	0.0233
5	64QAM	1	0	20.69	20.86	20.85	0.0207	0.0216	0.0215
5	64QAM	1	12	20.77	20.82	20.69	0.0211	0.0214	0.0207
5	64QAM	1	24	20.80	20.91	20.58	0.0213	0.0218	0.0202
5	64QAM	12	0	20.08	19.98	20.19	0.0180	0.0176	0.0185
5	64QAM	12	7	20.10	19.99	20.09	0.0181	0.0177	0.0181
5	64QAM	12	13	20.12	20.09	20.14	0.0182	0.0181	0.0183
5	64QAM	25	0	20.02	20.05	20.23	0.0178	0.0179	0.0187
5	256QAM	1	0	17.15	17.16	17.02	0.0092	0.0092	0.0089
5	256QAM	1	12	16.90	17.07	16.93	0.0087	0.0090	0.0087
5	256QAM	1	24	16.94	17.05	17.00	0.0087	0.0090	0.0089
5	256QAM	12	0	16.94	17.09	17.02	0.0087	0.0091	0.0089
5	256QAM	12	7	17.18	17.10	17.12	0.0092	0.0091	0.0091
5	256QAM	12	13	17.05	17.19	17.04	0.0090	0.0093	0.0090
5	256QAM	25	0	16.95	17.13	17.00	0.0088	0.0091	0.0089

LTE Band 26_Ant1:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)			
Channel				26790	26865	26915	26965				
Frequency (MHz)				824	831.5	836.5	841.5	Straddle Ch	L	M	H
15	QPSK	1	0	24.02	24.17	24.20	24.10	0.0486	0.0504	0.0507	0.0495
15	QPSK	1	37	24.05	24.10	24.06	24.09	0.0490	0.0495	0.0491	0.0494
15	QPSK	1	74	24.02	24.15	24.03	23.99	0.0486	0.0501	0.0488	0.0483
15	QPSK	36	0	23.49	23.65	23.67	23.60	0.0431	0.0447	0.0449	0.0442
15	QPSK	36	20	23.45	23.60	23.56	23.56	0.0427	0.0442	0.0438	0.0438
15	QPSK	36	39	23.50	23.59	23.52	23.54	0.0432	0.0441	0.0434	0.0436
15	QPSK	75	0	23.47	23.55	23.61	23.55	0.0429	0.0437	0.0443	0.0437
15	16QAM	1	0	23.53	23.62	23.90	23.65	0.0435	0.0444	0.0473	0.0447
15	16QAM	1	37	23.70	23.81	23.87	23.60	0.0452	0.0463	0.0470	0.0442
15	16QAM	1	74	23.53	23.66	23.82	23.61	0.0435	0.0448	0.0465	0.0443
15	16QAM	36	0	23.10	23.16	23.01	23.06	0.0394	0.0399	0.0385	0.0390
15	16QAM	36	20	23.02	23.15	23.05	23.15	0.0386	0.0398	0.0389	0.0398
15	16QAM	36	39	23.05	23.10	23.01	23.01	0.0389	0.0394	0.0385	0.0385

15	16QAM	75	0	22.97	23.12	23.07	23.09	0.0382	0.0395	0.0391	0.0393
15	64QAM	1	0	22.63	22.71	22.93	22.96	0.0353	0.0360	0.0378	0.0381
15	64QAM	1	37	22.90	23.00	22.95	22.92	0.0376	0.0385	0.0380	0.0378
15	64QAM	1	74	22.70	22.75	22.89	22.88	0.0359	0.0363	0.0375	0.0374
15	64QAM	36	0	22.12	22.18	22.04	22.09	0.0314	0.0318	0.0308	0.0312
15	64QAM	36	20	21.95	22.09	22.05	22.10	0.0302	0.0312	0.0309	0.0313
15	64QAM	36	39	22.04	22.17	22.04	22.04	0.0308	0.0318	0.0308	0.0308
15	64QAM	75	0	21.97	22.07	21.94	22.00	0.0303	0.0310	0.0301	0.0305
15	256QAM	1	0	18.91	19.05	19.08	19.05	0.0150	0.0155	0.0156	0.0155
15	256QAM	1	37	18.71	18.82	18.95	18.88	0.0143	0.0147	0.0151	0.0149
15	256QAM	1	74	18.72	18.86	18.93	18.87	0.0144	0.0148	0.0151	0.0149
15	256QAM	36	0	18.75	18.91	18.98	18.95	0.0145	0.0150	0.0152	0.0151
15	256QAM	36	20	18.75	18.89	19.03	18.91	0.0145	0.0149	0.0154	0.0150
15	256QAM	36	39	18.83	18.89	18.94	18.90	0.0147	0.0149	0.0151	0.0150
15	256QAM	75	0	18.81	18.92	18.98	18.97	0.0147	0.0150	0.0152	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	24.05	24.00	24.00	23.89	0.0490	0.0484	0.0484	0.0472
10	QPSK	1	25	23.98	24.06	24.12	23.99	0.0482	0.0491	0.0498	0.0483
10	QPSK	1	49	24.07	24.02	23.92	23.85	0.0492	0.0486	0.0475	0.0468
10	QPSK	25	0	23.55	23.45	23.58	23.46	0.0437	0.0427	0.0440	0.0428
10	QPSK	25	12	23.45	23.40	23.44	23.46	0.0427	0.0422	0.0426	0.0428
10	QPSK	25	25	23.45	23.45	23.45	23.41	0.0427	0.0427	0.0427	0.0423
10	QPSK	50	0	23.40	23.44	23.43	23.38	0.0422	0.0426	0.0425	0.0420
10	16QAM	1	0	23.50	23.53	23.77	23.50	0.0432	0.0435	0.0459	0.0432
10	16QAM	1	25	23.69	23.61	23.81	23.52	0.0451	0.0443	0.0463	0.0434
10	16QAM	1	49	23.60	23.48	23.72	23.50	0.0442	0.0430	0.0454	0.0432
10	16QAM	25	0	23.05	23.04	22.87	22.97	0.0389	0.0388	0.0373	0.0382
10	16QAM	25	12	23.02	22.99	22.85	22.96	0.0386	0.0384	0.0372	0.0381
10	16QAM	25	25	22.96	22.90	22.94	22.82	0.0381	0.0376	0.0379	0.0369
10	16QAM	50	0	23.03	22.98	22.87	23.01	0.0387	0.0383	0.0373	0.0385
10	64QAM	1	0	22.56	22.58	22.85	22.84	0.0348	0.0349	0.0372	0.0371
10	64QAM	1	25	22.92	22.84	22.86	22.73	0.0378	0.0371	0.0372	0.0361
10	64QAM	1	49	22.69	22.55	22.75	22.74	0.0358	0.0347	0.0363	0.0362
10	64QAM	25	0	22.10	22.01	21.94	21.89	0.0313	0.0306	0.0301	0.0298
10	64QAM	25	12	21.94	21.98	21.99	21.91	0.0301	0.0304	0.0305	0.0299
10	64QAM	25	25	22.05	22.09	21.91	21.89	0.0309	0.0312	0.0299	0.0298
10	64QAM	50	0	21.94	21.98	21.81	21.93	0.0301	0.0304	0.0292	0.0301
10	256QAM	1	0	18.99	19.00	18.97	18.96	0.0153	0.0153	0.0152	0.0152
10	256QAM	1	25	18.67	18.72	18.91	18.77	0.0142	0.0144	0.0150	0.0145
10	256QAM	1	49	18.81	18.72	18.82	18.74	0.0147	0.0144	0.0147	0.0144
10	256QAM	25	0	18.75	18.77	18.89	18.90	0.0145	0.0145	0.0149	0.0150
10	256QAM	25	12	18.82	18.83	19.02	18.88	0.0147	0.0147	0.0154	0.0149
10	256QAM	25	25	18.78	18.84	18.87	18.84	0.0146	0.0148	0.0149	0.0148
10	256QAM	50	0	18.76	18.88	18.83	18.91	0.0145	0.0149	0.0147	0.0150
Channel				26790	26815	26915	27015	ERP(W)			
Frequency (MHz)				824	826.5	836.5	846.5	Straddle Ch	L	M	H
5	QPSK	1	0	24.11	24.04	23.96	23.99	0.0497	0.0489	0.0480	0.0483
5	QPSK	1	12	24.00	23.97	24.12	24.03	0.0484	0.0481	0.0498	0.0488

5	QPSK	1	24	24.09	23.97	23.95	23.91	0.0494	0.0481	0.0479	0.0474
5	QPSK	12	0	23.56	23.49	23.58	23.48	0.0438	0.0431	0.0440	0.0430
5	QPSK	12	7	23.46	23.52	23.42	23.45	0.0428	0.0434	0.0424	0.0427
5	QPSK	12	13	23.48	23.50	23.44	23.47	0.0430	0.0432	0.0426	0.0429
5	QPSK	25	0	23.44	23.49	23.51	23.44	0.0426	0.0431	0.0433	0.0426
5	16QAM	1	0	23.46	23.50	23.77	23.56	0.0428	0.0432	0.0459	0.0438
5	16QAM	1	12	23.72	23.71	23.78	23.52	0.0454	0.0453	0.0460	0.0434
5	16QAM	1	24	23.53	23.54	23.65	23.41	0.0435	0.0436	0.0447	0.0423
5	16QAM	12	0	23.07	23.06	22.91	22.97	0.0391	0.0390	0.0377	0.0382
5	16QAM	12	7	22.99	22.97	22.88	23.02	0.0384	0.0382	0.0374	0.0386
5	16QAM	12	13	23.05	22.90	22.94	22.81	0.0389	0.0376	0.0379	0.0368
5	16QAM	25	0	23.00	23.03	22.87	22.96	0.0385	0.0387	0.0373	0.0381
5	64QAM	1	0	22.66	22.51	22.83	22.81	0.0356	0.0344	0.0370	0.0368
5	64QAM	1	12	22.84	22.87	22.86	22.81	0.0371	0.0373	0.0372	0.0368
5	64QAM	1	24	22.59	22.55	22.75	22.80	0.0350	0.0347	0.0363	0.0367
5	64QAM	12	0	22.10	22.01	21.87	21.96	0.0313	0.0306	0.0296	0.0303
5	64QAM	12	7	22.04	21.91	21.93	22.03	0.0308	0.0299	0.0301	0.0308
5	64QAM	12	13	22.10	21.99	21.91	21.98	0.0313	0.0305	0.0299	0.0304
5	64QAM	25	0	21.91	21.96	21.85	21.88	0.0299	0.0303	0.0295	0.0297
5	256QAM	1	0	18.93	18.93	19.02	18.92	0.0151	0.0151	0.0154	0.0150
5	256QAM	1	12	18.76	18.72	18.89	18.77	0.0145	0.0144	0.0149	0.0145
5	256QAM	1	24	18.74	18.81	18.79	18.80	0.0144	0.0147	0.0146	0.0146
5	256QAM	12	0	18.80	18.80	18.87	18.82	0.0146	0.0146	0.0149	0.0147
5	256QAM	12	7	18.74	18.76	18.97	18.87	0.0144	0.0145	0.0152	0.0149
5	256QAM	12	13	18.79	18.79	18.93	18.83	0.0146	0.0146	0.0151	0.0147
5	256QAM	25	0	18.83	18.89	18.97	18.84	0.0147	0.0149	0.0152	0.0148
Channel				26790	26815	26915	27025	ERP(W)			
Frequency (MHz)				824	825.5	836.5	847.5	Straddle Ch	L	M	H
3	QPSK	1	0	24.03	23.91	23.87	23.94	0.0488	0.0474	0.0470	0.0478
3	QPSK	1	8	24.01	24.08	24.00	23.94	0.0485	0.0493	0.0484	0.0478
3	QPSK	1	14	24.07	23.98	23.96	23.81	0.0492	0.0482	0.0480	0.0463
3	QPSK	8	0	23.59	23.55	23.58	23.46	0.0441	0.0437	0.0440	0.0428
3	QPSK	8	4	23.45	23.42	23.39	23.42	0.0427	0.0424	0.0421	0.0424
3	QPSK	8	7	23.47	23.52	23.46	23.36	0.0429	0.0434	0.0428	0.0418
3	QPSK	15	0	23.40	23.47	23.44	23.45	0.0422	0.0429	0.0426	0.0427
3	16QAM	1	0	23.46	23.53	23.83	23.57	0.0428	0.0435	0.0466	0.0439
3	16QAM	1	8	23.71	23.61	23.70	23.40	0.0453	0.0443	0.0452	0.0422
3	16QAM	1	14	23.52	23.59	23.66	23.46	0.0434	0.0441	0.0448	0.0428
3	16QAM	8	0	23.01	23.09	22.92	22.94	0.0385	0.0393	0.0378	0.0379
3	16QAM	8	4	23.03	22.98	22.99	22.96	0.0387	0.0383	0.0384	0.0381
3	16QAM	8	7	22.94	23.01	22.85	22.91	0.0379	0.0385	0.0372	0.0377
3	16QAM	15	0	23.04	22.92	22.87	22.97	0.0388	0.0378	0.0373	0.0382
3	64QAM	1	0	22.62	22.53	22.74	22.89	0.0352	0.0345	0.0362	0.0375
3	64QAM	1	8	22.89	22.89	22.83	22.85	0.0375	0.0375	0.0370	0.0372
3	64QAM	1	14	22.69	22.63	22.77	22.77	0.0358	0.0353	0.0365	0.0365
3	64QAM	8	0	22.10	22.05	21.88	21.94	0.0313	0.0309	0.0297	0.0301
3	64QAM	8	4	22.04	21.96	21.99	21.96	0.0308	0.0303	0.0305	0.0303
3	64QAM	8	7	22.01	22.02	21.96	21.89	0.0306	0.0307	0.0303	0.0298
3	64QAM	15	0	21.93	22.03	21.90	21.95	0.0301	0.0308	0.0299	0.0302

3	256QAM	1	0	19.00	19.04	19.03	18.96	0.0153	0.0155	0.0154	0.0152
3	256QAM	1	8	18.72	18.71	18.80	18.78	0.0144	0.0143	0.0146	0.0146
3	256QAM	1	14	18.80	18.71	18.79	18.86	0.0146	0.0143	0.0146	0.0148
3	256QAM	8	0	18.86	18.82	18.86	18.89	0.0148	0.0147	0.0148	0.0149
3	256QAM	8	4	18.76	18.79	18.92	18.78	0.0145	0.0146	0.0150	0.0146
3	256QAM	8	7	18.73	18.79	18.88	18.77	0.0144	0.0146	0.0149	0.0145
3	256QAM	15	0	18.87	18.80	18.86	18.95	0.0149	0.0146	0.0148	0.0151
Channel				26790	26797	26915	27033	ERP(W)			
Frequency (MHz)				824	824.7	836.5	848.3	Straddle Ch	L	M	H
1.4	QPSK	1	0	24.10	24.00	23.90	24.02	0.0495	0.0484	0.0473	0.0486
1.4	QPSK	1	3	24.00	24.05	24.14	24.00	0.0484	0.0490	0.0500	0.0484
1.4	QPSK	1	5	24.09	24.08	23.86	23.81	0.0494	0.0493	0.0469	0.0463
1.4	QPSK	3	0	23.52	24.00	23.96	23.93	0.0434	0.0484	0.0480	0.0476
1.4	QPSK	3	1	23.46	24.09	24.04	23.95	0.0428	0.0494	0.0489	0.0479
1.4	QPSK	3	3	23.49	24.01	23.95	23.83	0.0431	0.0485	0.0479	0.0466
1.4	QPSK	6	0	23.49	23.37	23.51	23.39	0.0431	0.0419	0.0433	0.0421
1.4	16QAM	1	0	23.48	23.51	23.71	23.47	0.0430	0.0433	0.0453	0.0429
1.4	16QAM	1	3	23.67	23.73	23.69	23.50	0.0449	0.0455	0.0451	0.0432
1.4	16QAM	1	5	23.52	23.55	23.70	23.41	0.0434	0.0437	0.0452	0.0423
1.4	16QAM	3	0	23.10	23.51	23.74	23.53	0.0394	0.0433	0.0456	0.0435
1.4	16QAM	3	1	23.06	23.72	23.78	23.45	0.0390	0.0454	0.0460	0.0427
1.4	16QAM	3	3	22.96	23.55	23.72	23.51	0.0381	0.0437	0.0454	0.0433
1.4	16QAM	6	0	22.99	23.01	22.88	22.89	0.0384	0.0385	0.0374	0.0375
1.4	64QAM	1	0	22.60	22.64	22.74	22.83	0.0351	0.0354	0.0362	0.0370
1.4	64QAM	1	3	22.90	22.81	22.88	22.77	0.0376	0.0368	0.0374	0.0365
1.4	64QAM	1	5	22.66	22.59	22.75	22.82	0.0356	0.0350	0.0363	0.0369
1.4	64QAM	3	0	22.06	22.55	22.86	22.77	0.0310	0.0347	0.0372	0.0365
1.4	64QAM	3	1	21.97	22.91	22.75	22.86	0.0303	0.0377	0.0363	0.0372
1.4	64QAM	3	3	22.12	22.64	22.69	22.70	0.0314	0.0354	0.0358	0.0359
1.4	64QAM	6	0	22.00	22.00	21.81	21.87	0.0305	0.0305	0.0292	0.0296
1.4	256QAM	1	0	18.98	18.99	18.99	19.02	0.0152	0.0153	0.0153	0.0154
1.4	256QAM	1	3	18.71	18.81	18.87	18.79	0.0143	0.0147	0.0149	0.0146
1.4	256QAM	1	5	18.80	18.78	18.78	18.86	0.0146	0.0146	0.0146	0.0148
1.4	256QAM	3	0	18.85	18.85	18.96	18.93	0.0148	0.0148	0.0152	0.0151
1.4	256QAM	3	1	18.81	18.78	18.96	18.82	0.0147	0.0146	0.0152	0.0147
1.4	256QAM	3	3	18.84	18.74	18.91	18.83	0.0148	0.0144	0.0150	0.0147
1.4	256QAM	6	0	18.80	18.86	18.97	18.95	0.0146	0.0148	0.0152	0.0151

LTE Band 66_Ant6:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				132072	132322	132572			
Frequency (MHz)				1720	1745	1770	L	M	H
20	QPSK	1	0	24.12	24.15	24.08	0.1486	0.1496	0.1472
20	QPSK	1	49	24.10	24.10	24.04	0.1479	0.1479	0.1459
20	QPSK	1	99	23.89	23.83	23.89	0.1409	0.1390	0.1409
20	QPSK	50	0	23.15	23.19	23.17	0.1189	0.1199	0.1194
20	QPSK	50	24	23.13	23.15	23.11	0.1183	0.1189	0.1178
20	QPSK	50	50	23.06	23.16	23.04	0.1164	0.1191	0.1159
20	QPSK	100	0	23.06	23.16	23.09	0.1164	0.1191	0.1172
20	16QAM	1	0	24.05	23.92	24.07	0.1462	0.1419	0.1469
20	16QAM	1	49	23.95	23.87	23.95	0.1429	0.1403	0.1429
20	16QAM	1	99	24.04	23.82	23.92	0.1459	0.1387	0.1419
20	16QAM	50	0	22.56	22.72	22.71	0.1038	0.1076	0.1074
20	16QAM	50	24	22.59	22.65	22.66	0.1045	0.1059	0.1062
20	16QAM	50	50	22.59	22.48	22.55	0.1045	0.1019	0.1035
20	16QAM	100	0	22.57	22.57	22.57	0.1040	0.1040	0.1040
20	64QAM	1	0	22.90	23.01	22.99	0.1122	0.1151	0.1146
20	64QAM	1	49	22.85	22.94	22.91	0.1109	0.1132	0.1125
20	64QAM	1	99	22.86	22.92	22.93	0.1112	0.1127	0.1130
20	64QAM	50	0	22.07	22.09	22.19	0.0927	0.0931	0.0953
20	64QAM	50	24	21.96	22.11	22.12	0.0904	0.0935	0.0938
20	64QAM	50	50	22.09	22.07	22.13	0.0931	0.0927	0.0940
20	64QAM	100	0	22.09	22.09	22.03	0.0931	0.0931	0.0918
20	256QAM	1	0	18.88	18.92	18.88	0.0445	0.0449	0.0445
20	256QAM	1	49	18.87	18.87	18.88	0.0444	0.0444	0.0445
20	256QAM	1	99	18.88	18.83	18.79	0.0445	0.0440	0.0436
20	256QAM	50	0	18.86	18.77	18.90	0.0443	0.0434	0.0447
20	256QAM	50	24	18.87	18.78	18.85	0.0444	0.0435	0.0442
20	256QAM	50	50	18.90	18.88	18.78	0.0447	0.0445	0.0435
20	256QAM	100	0	18.87	18.84	18.86	0.0444	0.0441	0.0443
Channel				132047	132322	132597	EIRP(W)		
Frequency (MHz)				1717.5	1745	1772.5	L	M	H
15	QPSK	1	0	24.08	24.02	23.90	0.1472	0.1452	0.1413
15	QPSK	1	37	24.01	24.04	23.96	0.1449	0.1459	0.1432
15	QPSK	1	74	23.82	23.81	23.75	0.1387	0.1384	0.1365
15	QPSK	36	0	23.05	23.16	23.11	0.1161	0.1191	0.1178
15	QPSK	36	20	23.00	23.01	23.08	0.1148	0.1151	0.1169
15	QPSK	36	39	22.95	23.09	22.97	0.1135	0.1172	0.1140
15	QPSK	75	0	23.04	23.01	23.03	0.1159	0.1151	0.1156
15	16QAM	1	0	24.00	23.89	23.95	0.1445	0.1409	0.1429
15	16QAM	1	37	23.81	23.73	23.85	0.1384	0.1358	0.1396
15	16QAM	1	74	24.03	23.71	23.84	0.1455	0.1352	0.1393
15	16QAM	36	0	22.45	22.65	22.61	0.1012	0.1059	0.1050
15	16QAM	36	20	22.57	22.53	22.57	0.1040	0.1030	0.1040
15	16QAM	36	39	22.49	22.46	22.46	0.1021	0.1014	0.1014
15	16QAM	75	0	22.47	22.43	22.47	0.1016	0.1007	0.1016

15	64QAM	1	0	22.76	23.00	22.98	0.1086	0.1148	0.1143
15	64QAM	1	37	22.84	22.88	22.79	0.1107	0.1117	0.1094
15	64QAM	1	74	22.72	22.77	22.81	0.1076	0.1089	0.1099
15	64QAM	36	0	21.98	21.94	22.04	0.0908	0.0899	0.0920
15	64QAM	36	20	21.89	22.00	22.07	0.0889	0.0912	0.0927
15	64QAM	36	39	22.08	21.98	21.99	0.0929	0.0908	0.0910
15	64QAM	75	0	22.08	22.05	21.94	0.0929	0.0923	0.0899
15	256QAM	1	0	18.84	18.85	18.83	0.0441	0.0442	0.0440
15	256QAM	1	37	18.75	18.80	18.79	0.0432	0.0437	0.0436
15	256QAM	1	74	18.85	18.82	18.76	0.0442	0.0439	0.0433
15	256QAM	36	0	18.75	18.62	18.86	0.0432	0.0419	0.0443
15	256QAM	36	20	18.86	18.66	18.78	0.0443	0.0423	0.0435
15	256QAM	36	39	18.85	18.82	18.64	0.0442	0.0439	0.0421
15	256QAM	75	0	18.78	18.77	18.84	0.0435	0.0434	0.0441
Channel				132022	132322	132622	EIRP(W)		
Frequency (MHz)				1715	1745	1775	L	M	H
10	QPSK	1	0	24.07	23.95	23.97	0.1469	0.1429	0.1435
10	QPSK	1	25	24.04	24.05	24.04	0.1459	0.1462	0.1459
10	QPSK	1	49	23.77	23.71	23.82	0.1371	0.1352	0.1387
10	QPSK	25	0	23.10	23.09	23.02	0.1175	0.1172	0.1153
10	QPSK	25	12	22.98	23.10	22.96	0.1143	0.1175	0.1138
10	QPSK	25	25	22.99	23.05	22.90	0.1146	0.1161	0.1122
10	QPSK	50	0	22.94	23.11	23.01	0.1132	0.1178	0.1151
10	16QAM	1	0	23.99	23.78	23.94	0.1442	0.1374	0.1426
10	16QAM	1	25	23.90	23.79	23.92	0.1413	0.1377	0.1419
10	16QAM	1	49	24.03	23.80	23.85	0.1455	0.1380	0.1396
10	16QAM	25	0	22.42	22.59	22.57	0.1005	0.1045	0.1040
10	16QAM	25	12	22.44	22.62	22.52	0.1009	0.1052	0.1028
10	16QAM	25	25	22.55	22.42	22.50	0.1035	0.1005	0.1023
10	16QAM	50	0	22.51	22.53	22.43	0.1026	0.1030	0.1007
10	64QAM	1	0	22.87	22.89	22.90	0.1114	0.1119	0.1122
10	64QAM	1	25	22.73	22.91	22.84	0.1079	0.1125	0.1107
10	64QAM	1	49	22.75	22.88	22.86	0.1084	0.1117	0.1112
10	64QAM	25	0	21.92	22.02	22.04	0.0895	0.0916	0.0920
10	64QAM	25	12	21.86	22.08	22.03	0.0883	0.0929	0.0918
10	64QAM	25	25	22.07	21.98	22.00	0.0927	0.0908	0.0912
10	64QAM	50	0	22.02	21.99	21.95	0.0916	0.0910	0.0902
10	256QAM	1	0	18.82	18.91	18.74	0.0439	0.0448	0.0431
10	256QAM	1	25	18.84	18.86	18.87	0.0441	0.0443	0.0444
10	256QAM	1	49	18.86	18.71	18.69	0.0443	0.0428	0.0426
10	256QAM	25	0	18.80	18.76	18.80	0.0437	0.0433	0.0437
10	256QAM	25	12	18.74	18.73	18.83	0.0431	0.0430	0.0440
10	256QAM	25	25	18.85	18.86	18.69	0.0442	0.0443	0.0426
10	256QAM	50	0	18.74	18.79	18.74	0.0431	0.0436	0.0431
Channel				131997	132322	132647	EIRP(W)		
Frequency (MHz)				1712.5	1745	1777.5	L	M	H
5	QPSK	1	0	23.97	23.98	23.99	0.1435	0.1439	0.1442
5	QPSK	1	12	24.01	24.00	24.03	0.1449	0.1445	0.1455
5	QPSK	1	24	23.79	23.73	23.81	0.1377	0.1358	0.1384
5	QPSK	12	0	23.06	23.04	23.15	0.1164	0.1159	0.1189

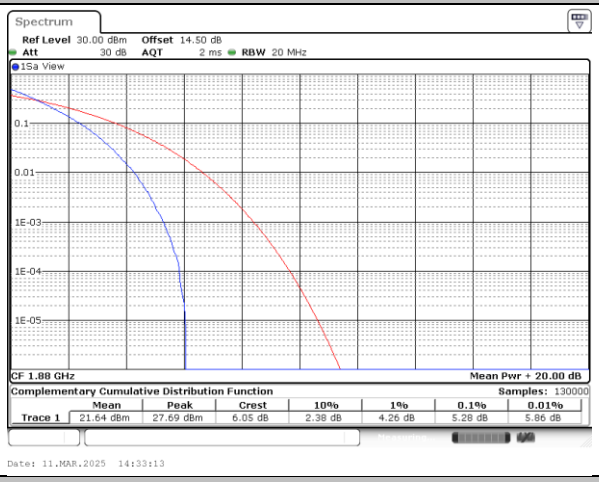
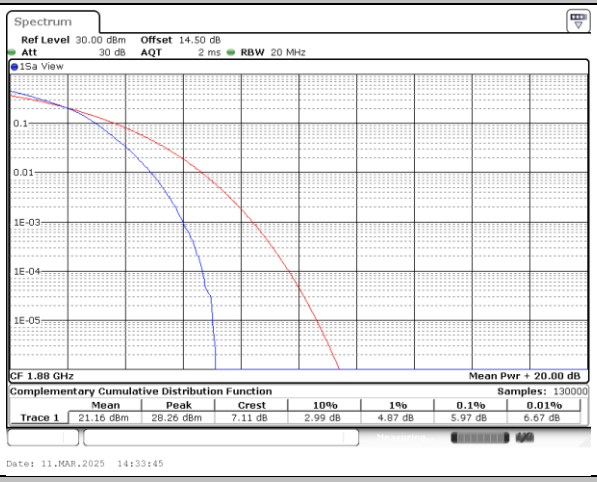
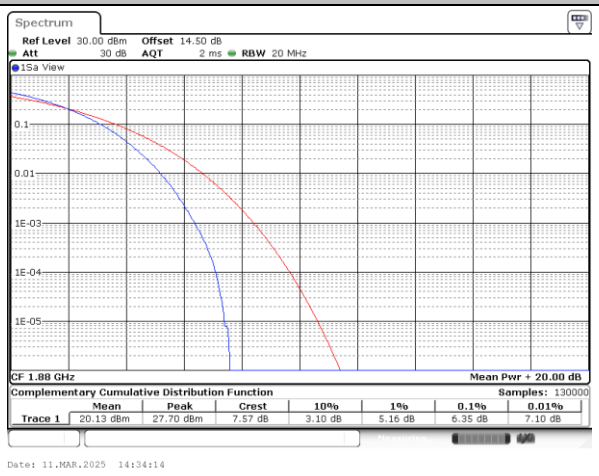
5	QPSK	12	7	23.01	23.02	23.04	0.1151	0.1153	0.1159
5	QPSK	12	13	23.05	23.09	22.96	0.1161	0.1172	0.1138
5	QPSK	25	0	22.91	23.06	23.08	0.1125	0.1164	0.1169
5	16QAM	1	0	23.93	23.90	23.94	0.1422	0.1413	0.1426
5	16QAM	1	12	23.87	23.81	23.90	0.1403	0.1384	0.1413
5	16QAM	1	24	23.90	23.70	23.86	0.1413	0.1349	0.1400
5	16QAM	12	0	22.52	22.57	22.63	0.1028	0.1040	0.1054
5	16QAM	12	7	22.57	22.63	22.53	0.1040	0.1054	0.1030
5	16QAM	12	13	22.58	22.47	22.44	0.1042	0.1016	0.1009
5	16QAM	25	0	22.51	22.51	22.47	0.1026	0.1026	0.1016
5	64QAM	1	0	22.79	22.96	22.85	0.1094	0.1138	0.1109
5	64QAM	1	12	22.80	22.80	22.76	0.1096	0.1096	0.1086
5	64QAM	1	24	22.77	22.91	22.85	0.1089	0.1125	0.1109
5	64QAM	12	0	22.01	21.97	22.04	0.0914	0.0906	0.0920
5	64QAM	12	7	21.94	22.10	22.01	0.0899	0.0933	0.0914
5	64QAM	12	13	22.03	22.02	22.07	0.0918	0.0916	0.0927
5	64QAM	25	0	22.07	21.96	21.88	0.0927	0.0904	0.0887
5	256QAM	1	0	18.85	18.84	18.85	0.0442	0.0441	0.0442
5	256QAM	1	12	18.73	18.81	18.76	0.0430	0.0438	0.0433
5	256QAM	1	24	18.74	18.82	18.78	0.0431	0.0439	0.0435
5	256QAM	12	0	18.83	18.67	18.78	0.0440	0.0424	0.0435
5	256QAM	12	7	18.76	18.74	18.72	0.0433	0.0431	0.0429
5	256QAM	12	13	18.75	18.78	18.76	0.0432	0.0435	0.0433
5	256QAM	25	0	18.74	18.77	18.85	0.0431	0.0434	0.0442
Channel				131987	132322	132657	EIRP(W)		
Frequency (MHz)				1711.5	1745	1778.5	L	M	H
3	QPSK	1	0	24.08	24.07	23.92	0.1472	0.1469	0.1419
3	QPSK	1	8	23.99	24.04	23.95	0.1442	0.1459	0.1429
3	QPSK	1	14	23.87	23.79	23.83	0.1403	0.1377	0.1390
3	QPSK	8	0	23.07	23.14	23.14	0.1167	0.1186	0.1186
3	QPSK	8	4	22.99	23.07	23.07	0.1146	0.1167	0.1167
3	QPSK	8	7	22.98	23.06	22.95	0.1143	0.1164	0.1135
3	QPSK	15	0	23.05	23.15	22.94	0.1161	0.1189	0.1132
3	16QAM	1	0	23.95	23.91	24.06	0.1429	0.1416	0.1466
3	16QAM	1	8	23.91	23.72	23.90	0.1416	0.1355	0.1413
3	16QAM	1	14	23.94	23.81	23.84	0.1426	0.1384	0.1393
3	16QAM	8	0	22.48	22.66	22.68	0.1019	0.1062	0.1067
3	16QAM	8	4	22.47	22.61	22.52	0.1016	0.1050	0.1028
3	16QAM	8	7	22.45	22.47	22.46	0.1012	0.1016	0.1014
3	16QAM	15	0	22.56	22.50	22.46	0.1038	0.1023	0.1014
3	64QAM	1	0	22.80	22.89	22.84	0.1096	0.1119	0.1107
3	64QAM	1	8	22.74	22.89	22.80	0.1081	0.1119	0.1096
3	64QAM	1	14	22.72	22.83	22.86	0.1076	0.1104	0.1112
3	64QAM	8	0	21.92	21.97	22.07	0.0895	0.0906	0.0927
3	64QAM	8	4	21.93	22.10	21.98	0.0897	0.0933	0.0908
3	64QAM	8	7	22.08	21.96	22.04	0.0929	0.0904	0.0920
3	64QAM	15	0	22.07	22.00	21.98	0.0927	0.0912	0.0908
3	256QAM	1	0	18.74	18.81	18.80	0.0431	0.0438	0.0437
3	256QAM	1	8	18.76	18.77	18.74	0.0433	0.0434	0.0431
3	256QAM	1	14	18.74	18.78	18.67	0.0431	0.0435	0.0424

3	256QAM	8	0	18.71	18.68	18.77	0.0428	0.0425	0.0434
3	256QAM	8	4	18.74	18.69	18.78	0.0431	0.0426	0.0435
3	256QAM	8	7	18.83	18.78	18.64	0.0440	0.0435	0.0421
3	256QAM	15	0	18.86	18.79	18.73	0.0443	0.0436	0.0430
Channel				131979	132322	132665	EIRP(W)		
Frequency (MHz)				1710.7	1745	1779.3	L	M	H
1.4	QPSK	1	0	23.95	24.03	23.94	0.1429	0.1455	0.1426
1.4	QPSK	1	3	24.04	24.02	23.94	0.1459	0.1452	0.1426
1.4	QPSK	1	5	23.76	23.75	23.74	0.1368	0.1365	0.1361
1.4	QPSK	3	0	24.08	24.07	23.97	0.1472	0.1469	0.1435
1.4	QPSK	3	1	23.98	24.05	23.97	0.1439	0.1462	0.1435
1.4	QPSK	3	3	23.87	23.74	23.88	0.1403	0.1361	0.1406
1.4	QPSK	6	0	23.04	23.12	23.05	0.1159	0.1180	0.1161
1.4	16QAM	1	0	23.90	23.90	23.96	0.1413	0.1413	0.1432
1.4	16QAM	1	3	23.93	23.76	23.91	0.1422	0.1368	0.1416
1.4	16QAM	1	5	24.03	23.73	23.78	0.1455	0.1358	0.1374
1.4	16QAM	3	0	24.03	23.81	23.93	0.1455	0.1384	0.1422
1.4	16QAM	3	1	23.85	23.78	23.87	0.1396	0.1374	0.1403
1.4	16QAM	3	3	23.89	23.81	23.90	0.1409	0.1384	0.1413
1.4	16QAM	6	0	22.53	22.42	22.49	0.1030	0.1005	0.1021
1.4	64QAM	1	0	22.78	22.95	22.91	0.1091	0.1135	0.1125
1.4	64QAM	1	3	22.82	22.90	22.77	0.1102	0.1122	0.1089
1.4	64QAM	1	5	22.71	22.85	22.89	0.1074	0.1109	0.1119
1.4	64QAM	3	0	22.84	22.94	22.96	0.1107	0.1132	0.1138
1.4	64QAM	3	1	22.75	22.84	22.88	0.1084	0.1107	0.1117
1.4	64QAM	3	3	22.78	22.80	22.84	0.1091	0.1096	0.1107
1.4	64QAM	6	0	21.97	21.99	21.92	0.0906	0.0910	0.0895
1.4	256QAM	1	0	18.87	18.83	18.82	0.0444	0.0440	0.0439
1.4	256QAM	1	3	18.76	18.83	18.78	0.0433	0.0440	0.0435
1.4	256QAM	1	5	18.74	18.76	18.67	0.0431	0.0433	0.0424
1.4	256QAM	3	0	18.76	18.62	18.75	0.0433	0.0419	0.0432
1.4	256QAM	3	1	18.79	18.72	18.74	0.0436	0.0429	0.0431
1.4	256QAM	3	3	18.75	18.84	18.74	0.0432	0.0441	0.0431
1.4	256QAM	6	0	18.85	18.81	18.85	0.0442	0.0438	0.0442

LTE Band 2

Peak-to-Average Ratio

Mode	LTE Band 2 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.28	5.97	6.35	PASS

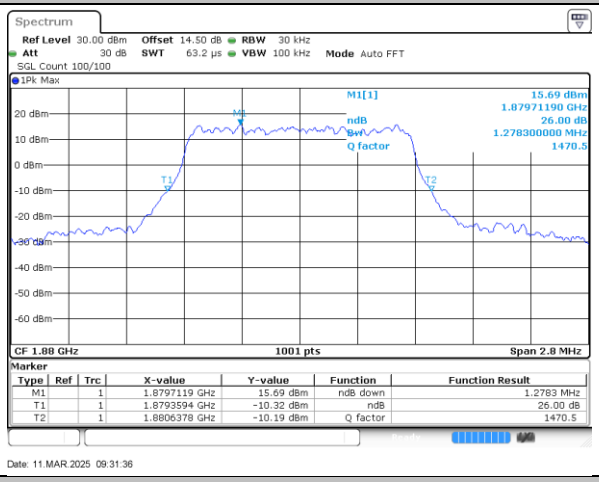
LTE Band 2 / 20MHz / QPSK	LTE Band 2 / 20MHz / 16QAM
Middle Channel / Full RB	**Middle Channel / Full RB**
	
LTE Band 2 / 20MHz / 64QAM	
Middle Channel / Full RB	
	

26dB Bandwidth

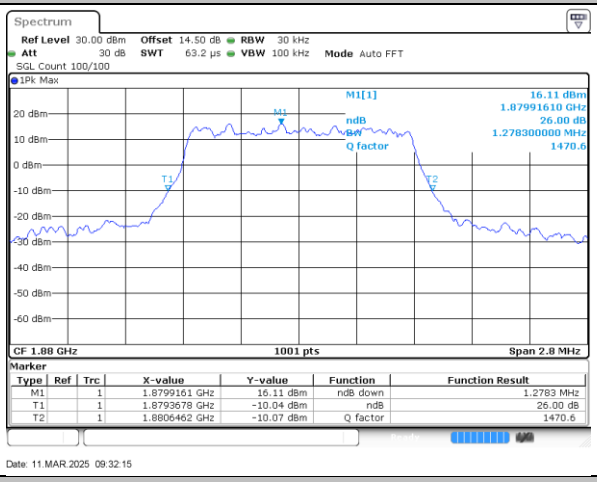
Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.28	1.28	3.01	3.00	4.91	4.88	9.93	9.85	14.51	14.15	19.26	18.86

LTE Band 2

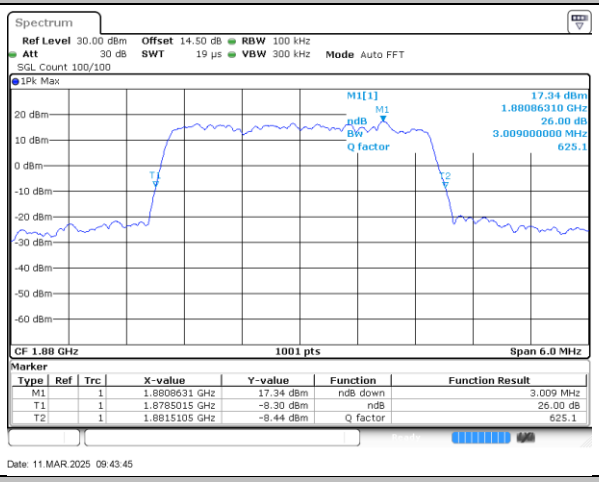
Middle Channel / 1.4MHz / QPSK



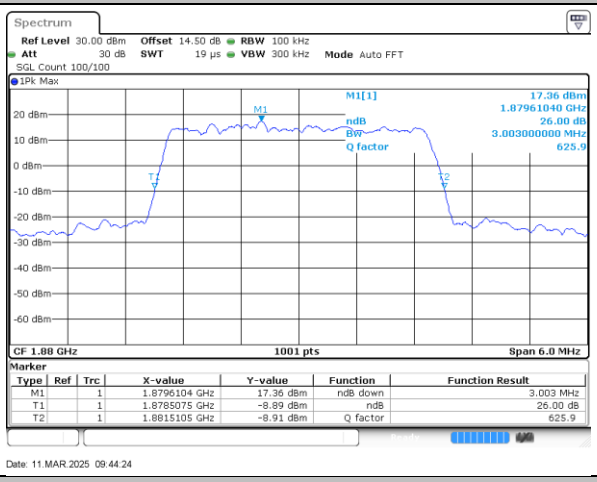
Middle Channel / 1.4MHz / 16QAM



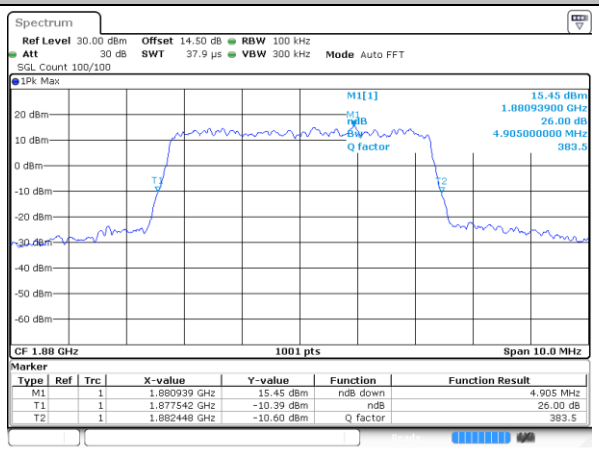
Middle Channel / 3MHz / QPSK



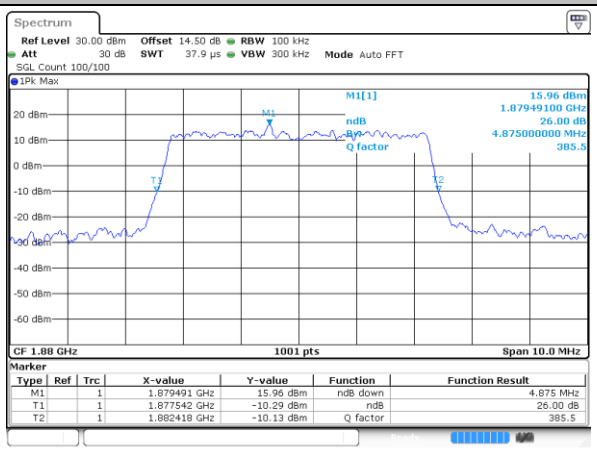
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

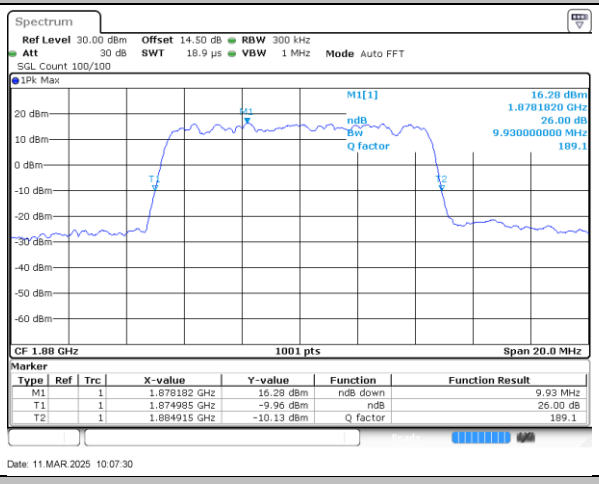


Middle Channel / 5MHz / 16QAM

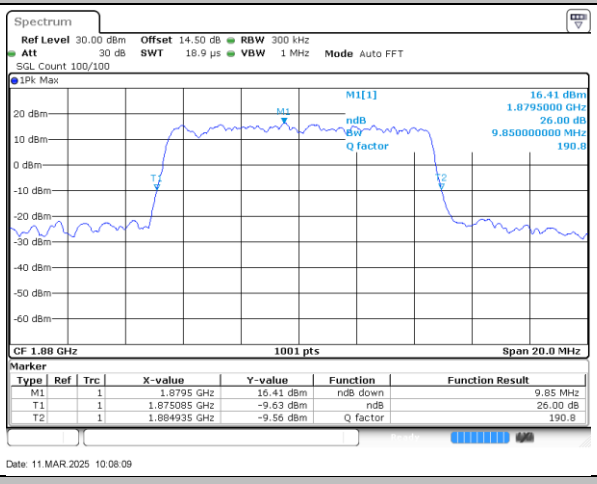


LTE Band 2

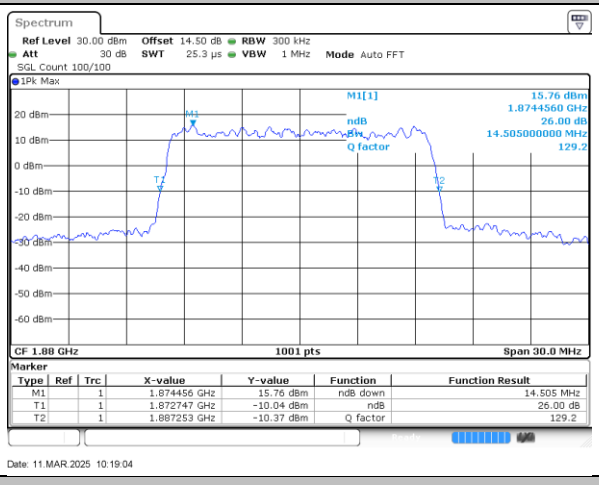
Middle Channel / 10MHz / QPSK



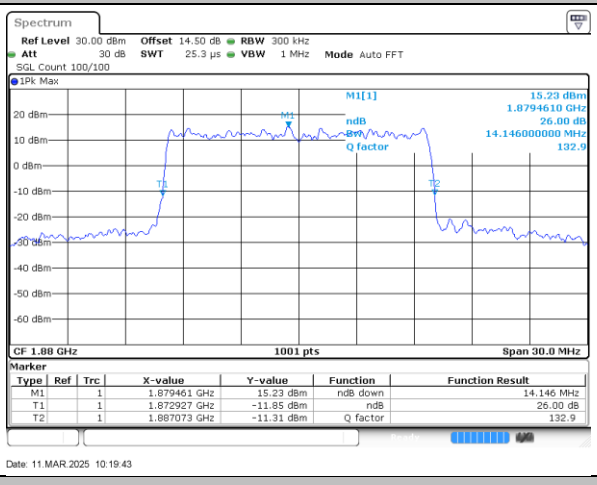
Middle Channel / 10MHz / 16QAM



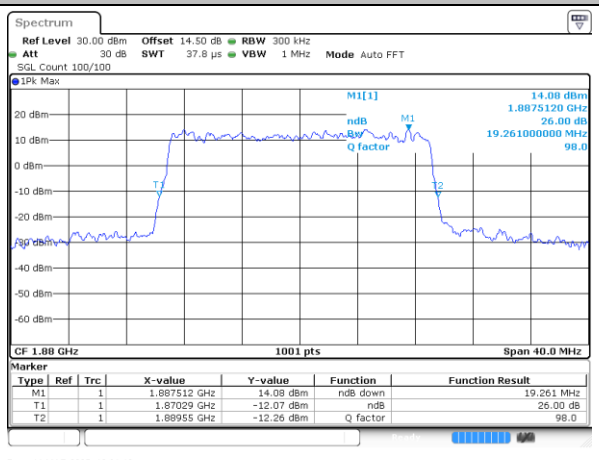
Middle Channel / 15MHz / QPSK



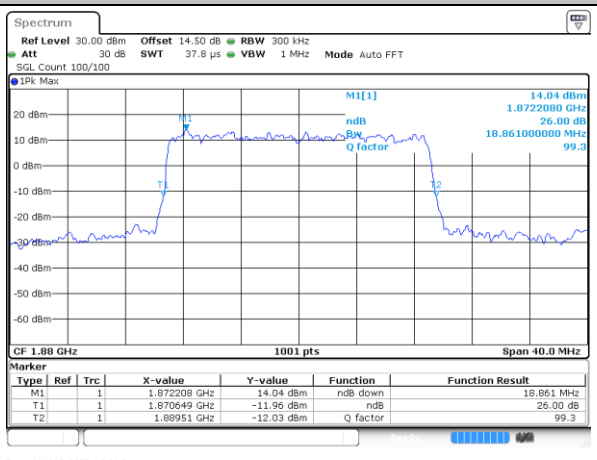
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

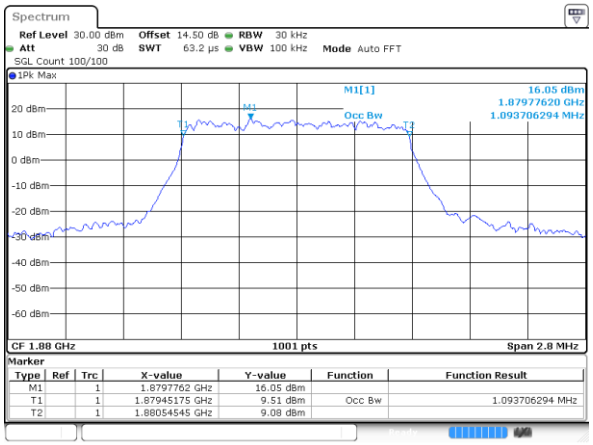


Occupied Bandwidth

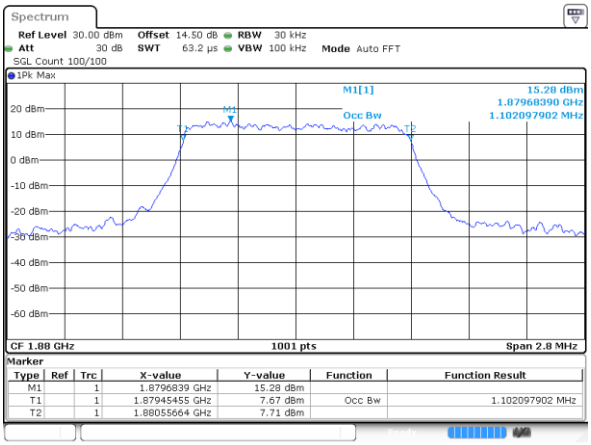
Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.10	2.73	2.73	4.48	4.49	9.07	8.99	13.46	13.46	17.94	17.86

LTE Band 2

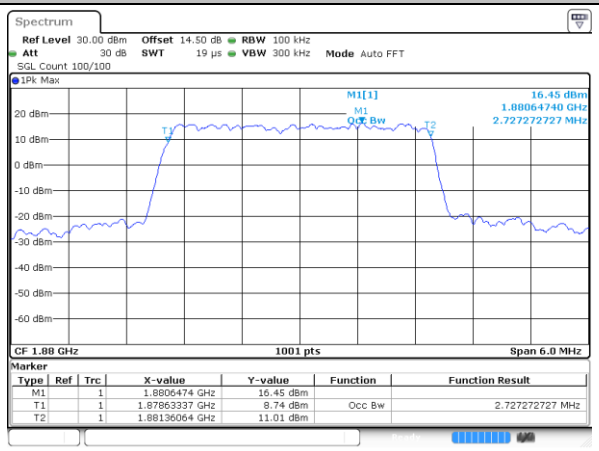
Middle Channel / 1.4MHz / QPSK



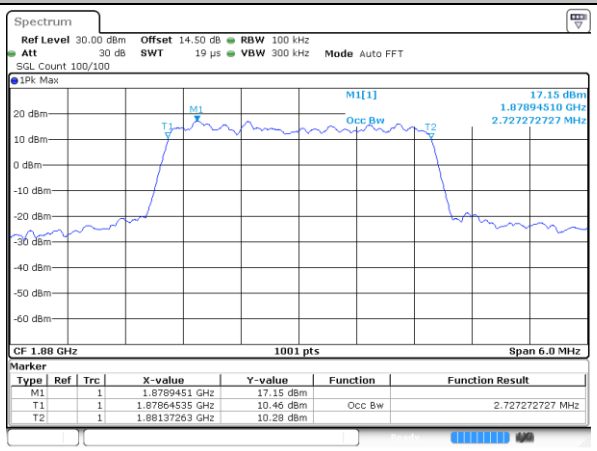
Middle Channel / 1.4MHz / 16QAM



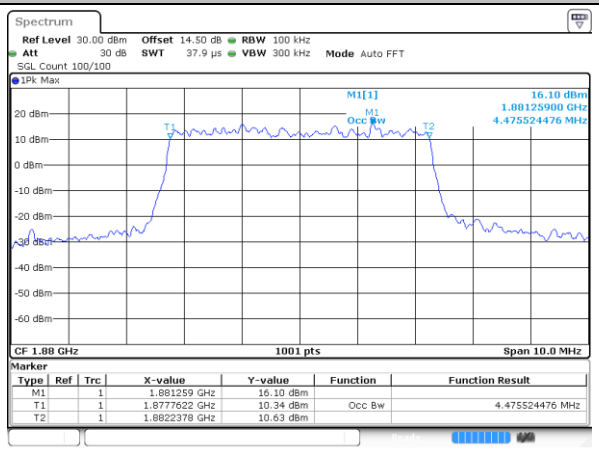
Middle Channel / 3MHz / QPSK



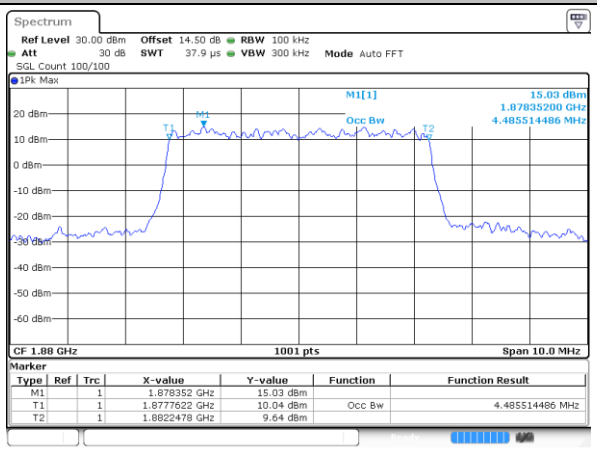
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

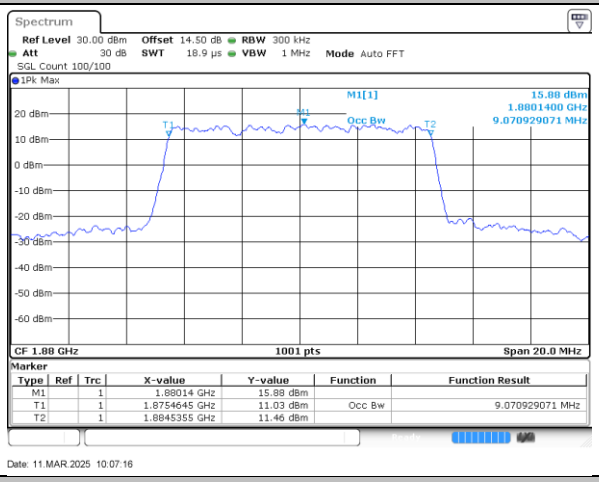


Middle Channel / 5MHz / 16QAM

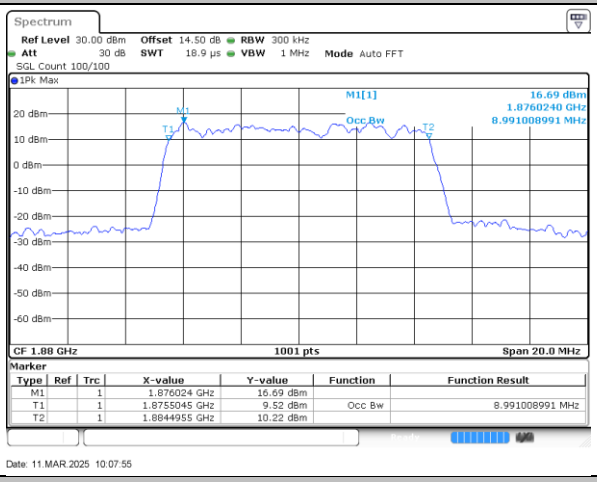


LTE Band 2

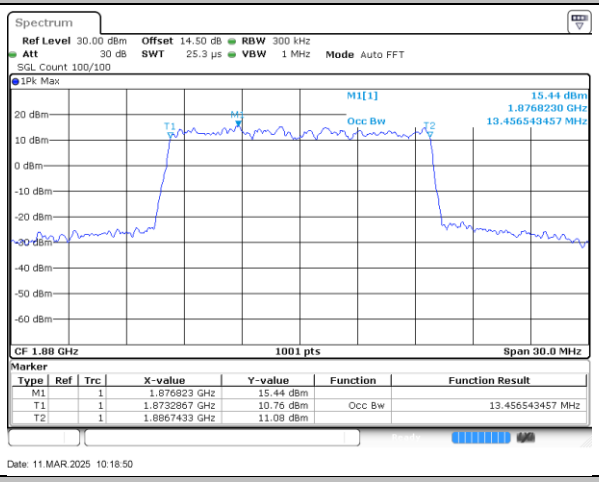
Middle Channel / 10MHz / QPSK



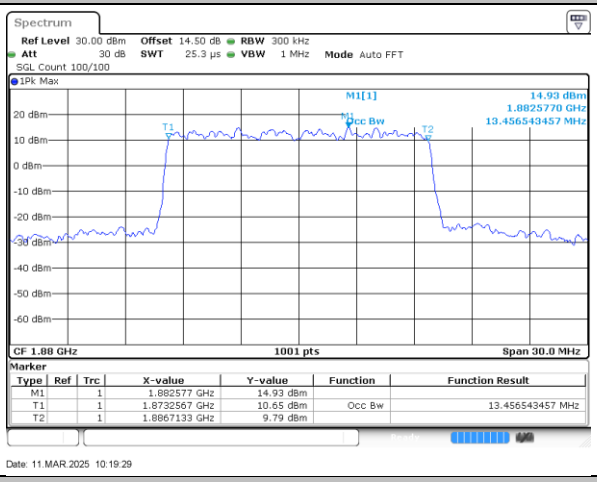
Middle Channel / 10MHz / 16QAM



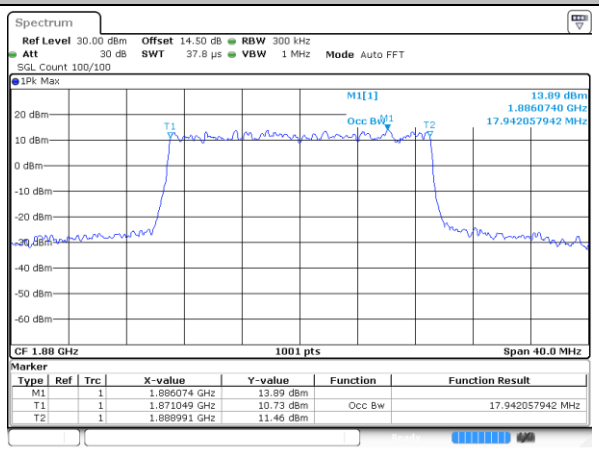
Middle Channel / 15MHz / QPSK



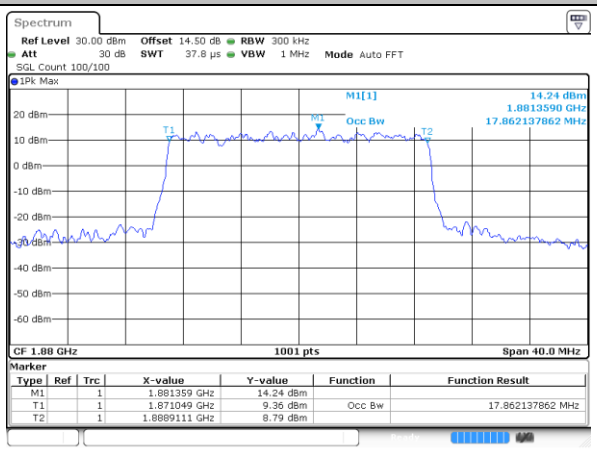
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



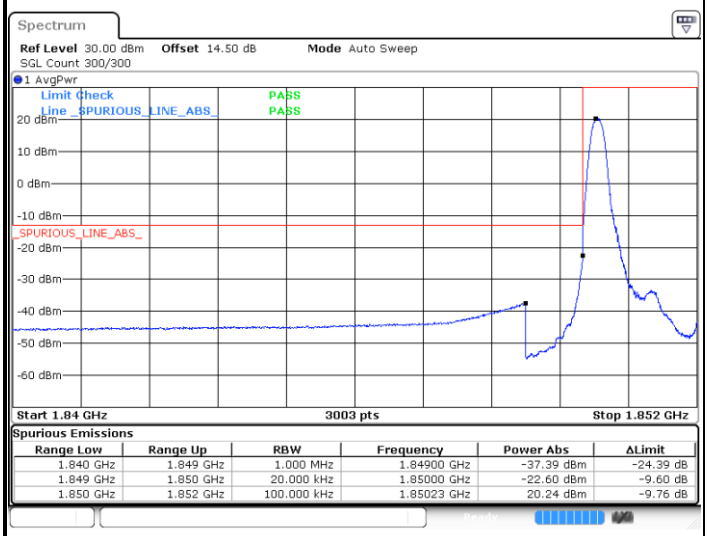
Middle Channel / 20MHz / 16QAM



Conducted Band Edge

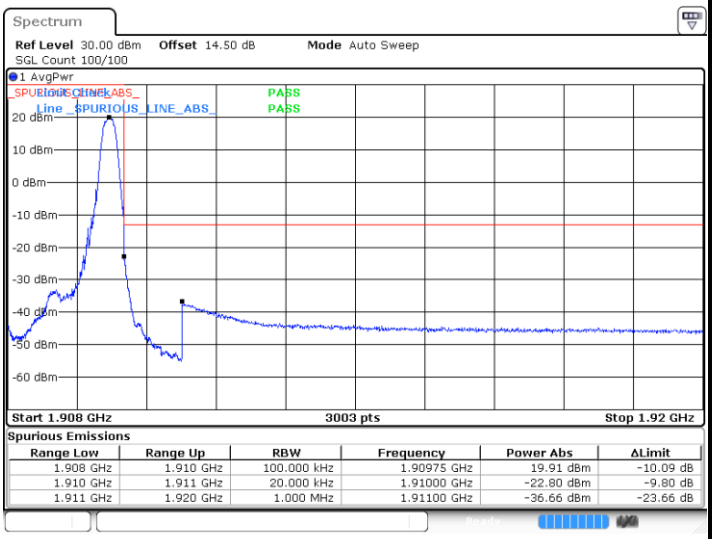
LTE Band 2 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



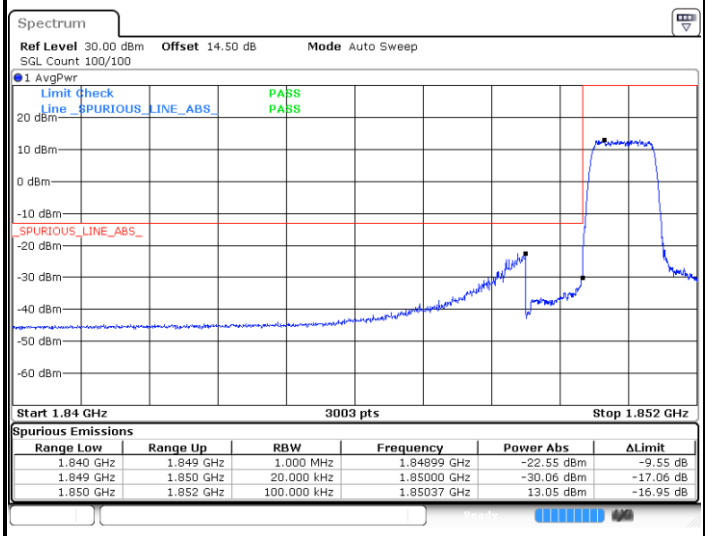
Date: 11.MAR.2025 09:26:07

Highest Band Edge / 1RB



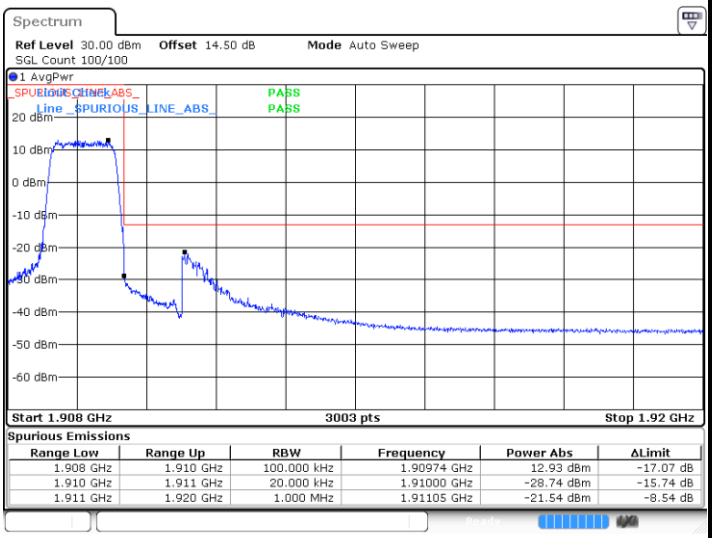
Date: 11.MAR.2025 09:32:47

Lowest Band Edge / Full RB



Date: 11.MAR.2025 09:28:50

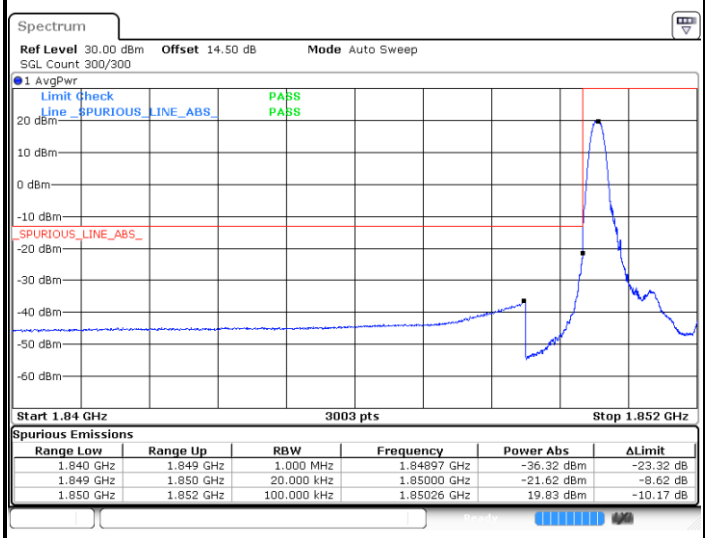
Highest Band Edge / Full RB



Date: 11.MAR.2025 09:35:27

LTE Band 2 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

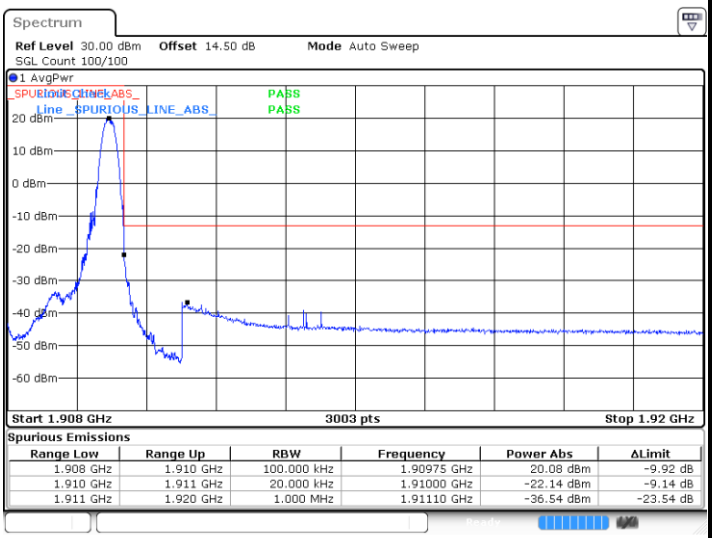


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84897 GHz	-36.32 dBm	-23.32 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-21.62 dBm	-8.62 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85026 GHz	19.83 dBm	-10.17 dB

Date: 11.MAR.2025 09:26:42

Highest Band Edge / 1 RB

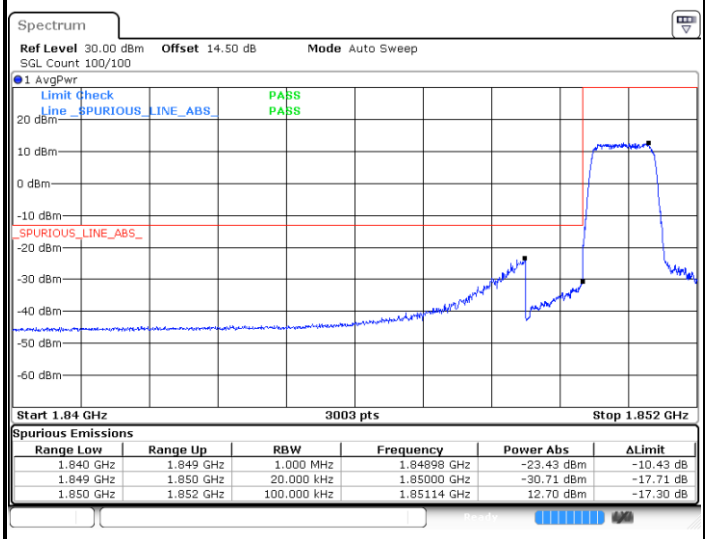


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.908 GHz	1.910 GHz	100.000 kHz	1.90975 GHz	20.08 dBm	-9.92 dB
1.910 GHz	1.911 GHz	20.000 kHz	1.91000 GHz	-22.14 dBm	-9.14 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91110 GHz	-36.54 dBm	-23.54 dB

Date: 11.MAR.2025 09:33:20

Lowest Band Edge / Full RB

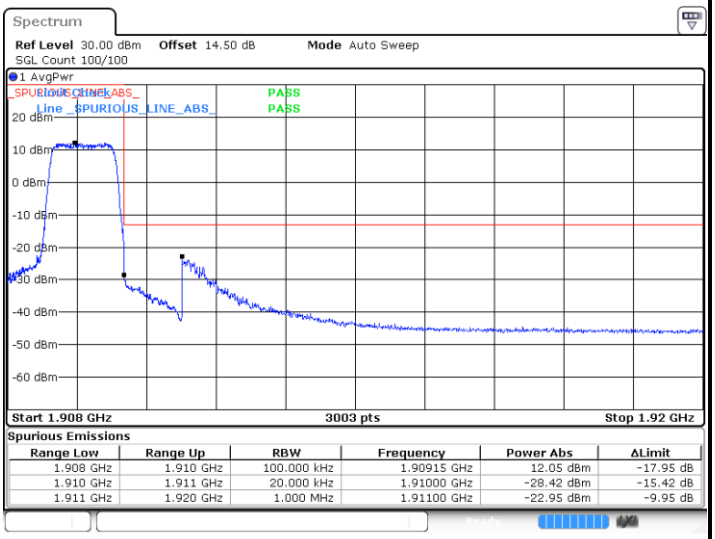


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84898 GHz	-23.43 dBm	-10.43 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-30.71 dBm	-17.71 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85114 GHz	12.70 dBm	-17.30 dB

Date: 11.MAR.2025 09:29:23

Highest Band Edge / Full RB



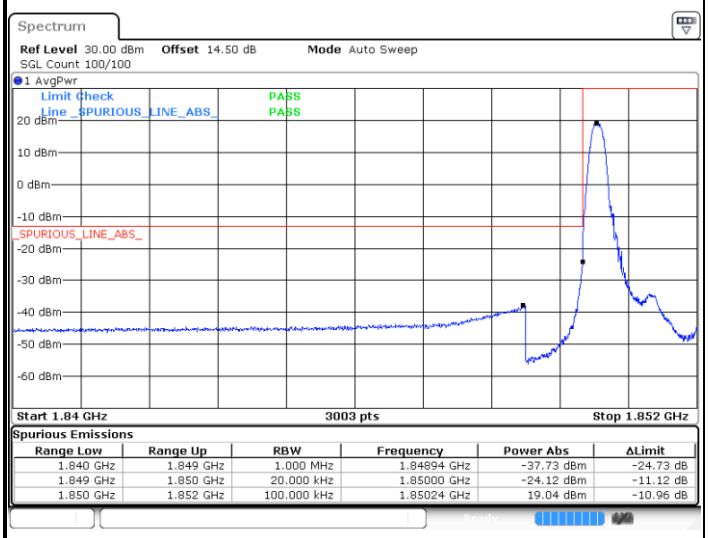
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.908 GHz	1.910 GHz	100.000 kHz	1.90915 GHz	12.05 dBm	-17.95 dB
1.910 GHz	1.911 GHz	20.000 kHz	1.91000 GHz	-28.42 dBm	-15.42 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91100 GHz	-22.95 dBm	-9.95 dB

Date: 11.MAR.2025 09:36:00

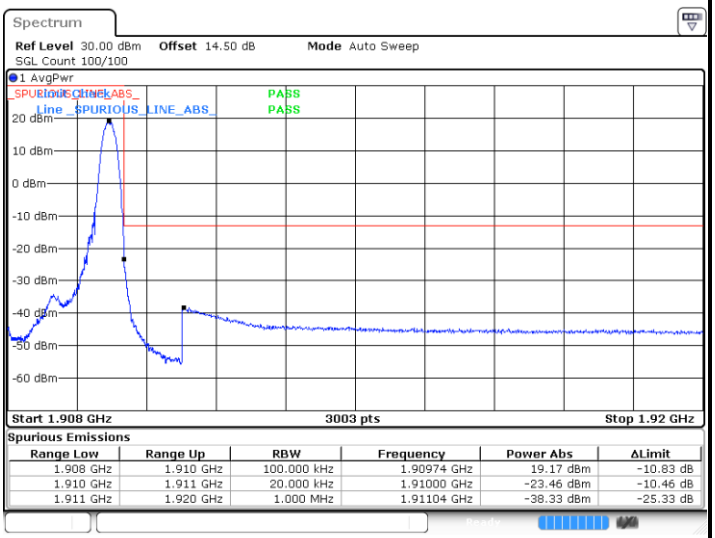
LTE Band 2 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



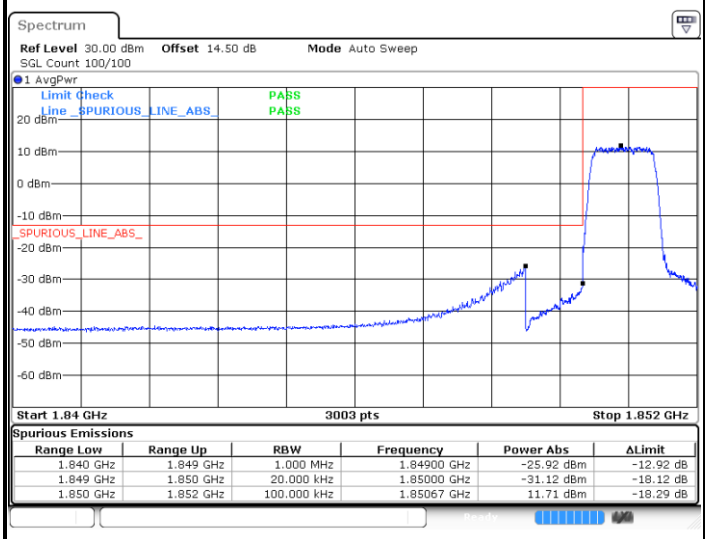
Date: 11.MAR.2025 09:27:17

Highest Band Edge / 1 RB



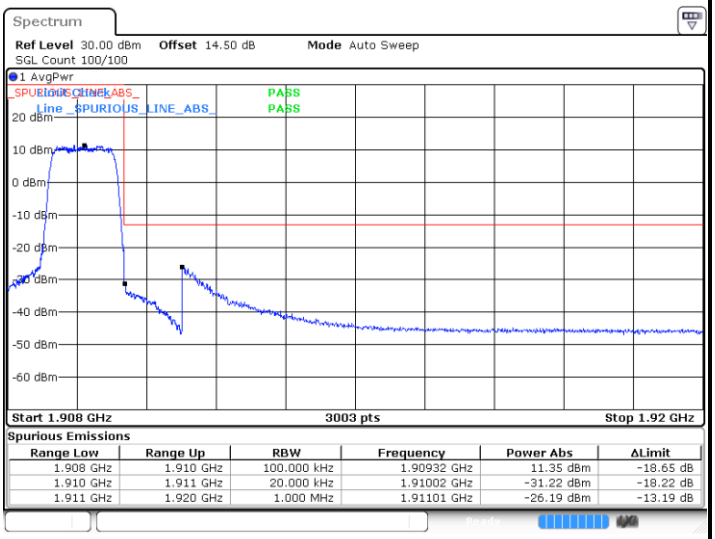
Date: 11.MAR.2025 09:33:54

Lowest Band Edge / Full RB



Date: 11.MAR.2025 09:29:56

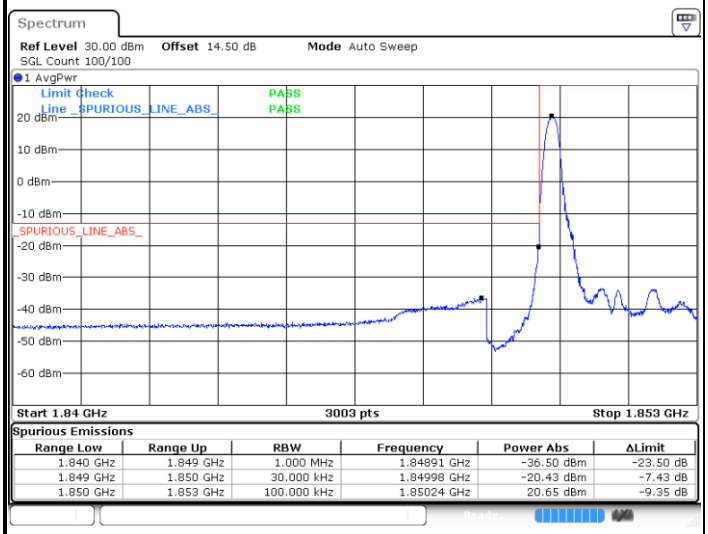
Highest Band Edge / Full RB



Date: 11.MAR.2025 09:36:33

LTE Band 2 / 3MHz / QPSK

Lowest Band Edge / 1RB

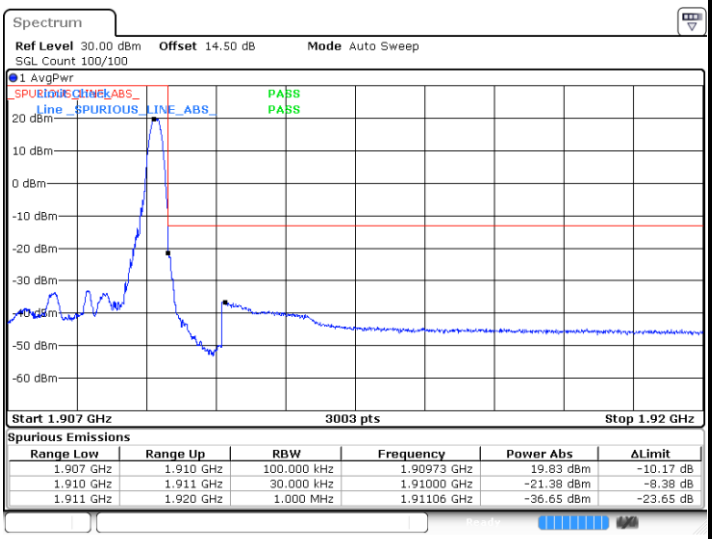


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84891 GHz	-36.50 dBm	-23.50 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.84998 GHz	-20.43 dBm	-7.43 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85024 GHz	20.65 dBm	-9.35 dB

Date: 11.MAR.2025 09:38:21

Highest Band Edge / 1RB

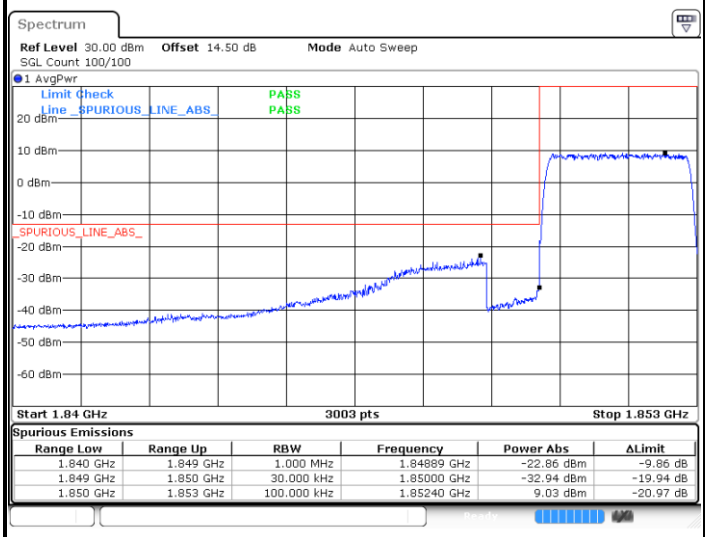


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.907 GHz	1.910 GHz	100.000 kHz	1.90973 GHz	19.83 dBm	-10.17 dB
1.910 GHz	1.911 GHz	30.000 kHz	1.91000 GHz	-21.38 dBm	-8.38 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91106 GHz	-36.65 dBm	-23.65 dB

Date: 11.MAR.2025 09:44:57

Lowest Band Edge / Full RB

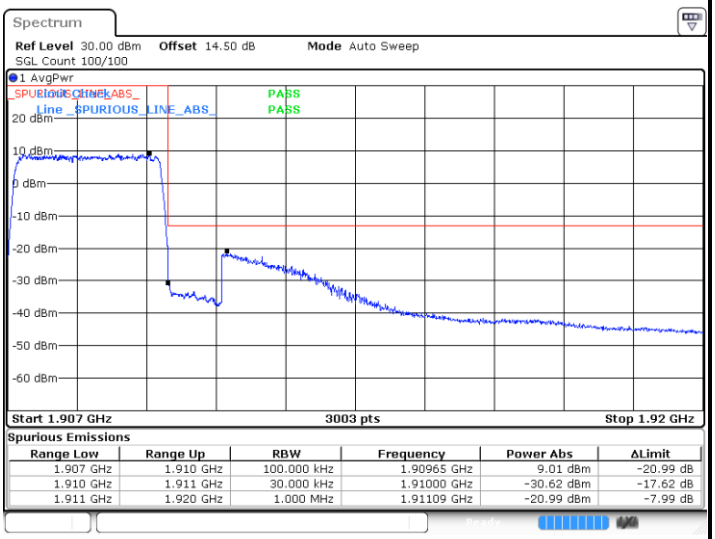


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84889 GHz	-22.86 dBm	-9.86 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-32.94 dBm	-19.94 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85240 GHz	9.03 dBm	-20.97 dB

Date: 11.MAR.2025 09:41:00

Highest Band Edge / Full RB



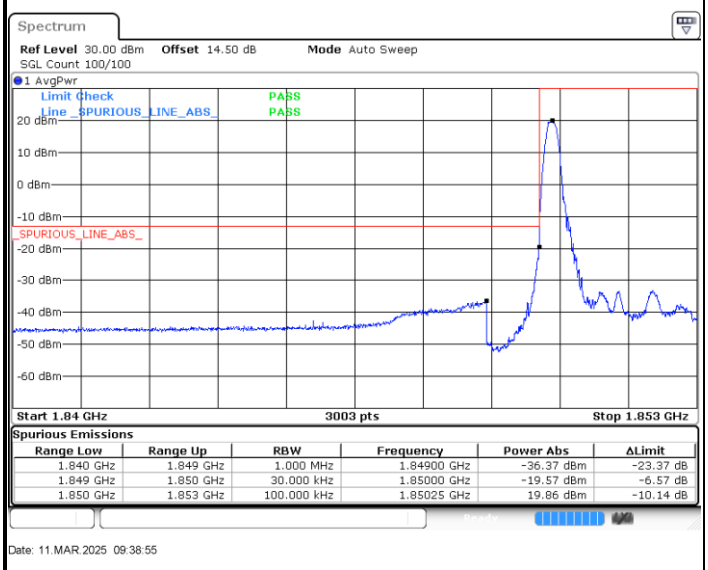
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.907 GHz	1.910 GHz	100.000 kHz	1.90965 GHz	9.01 dBm	-20.99 dB
1.910 GHz	1.911 GHz	30.000 kHz	1.91000 GHz	-30.62 dBm	-17.62 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91109 GHz	-20.99 dBm	-7.99 dB

Date: 11.MAR.2025 09:46:37

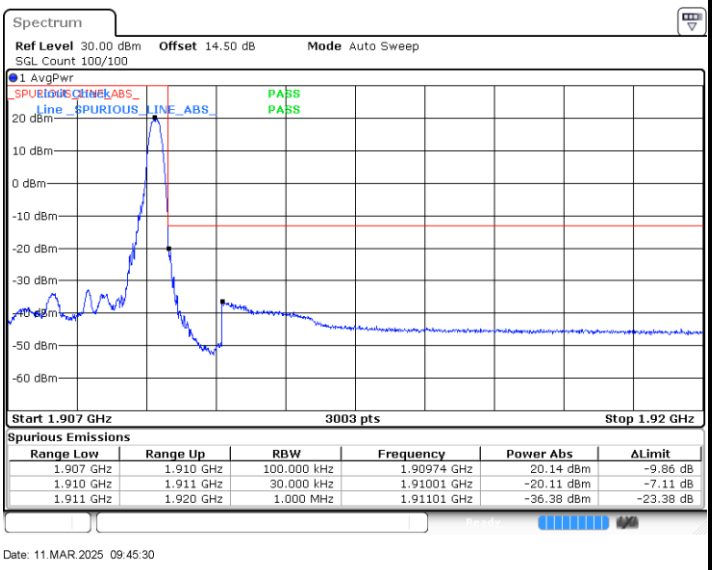
LTE Band 2 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



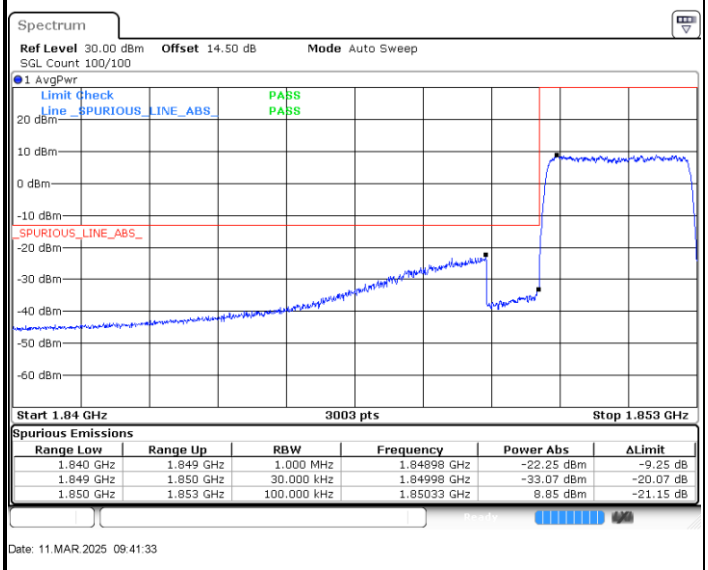
Date: 11.MAR.2025 09:38:55

Highest Band Edge / 1 RB



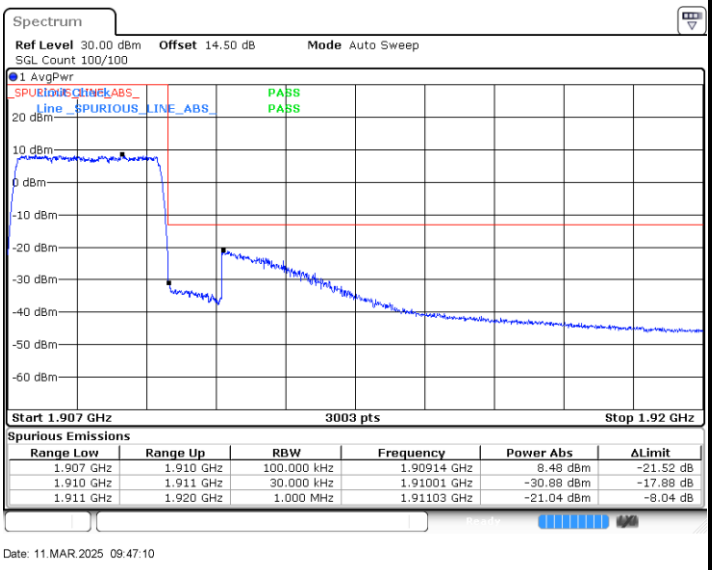
Date: 11.MAR.2025 09:45:30

Lowest Band Edge / Full RB



Date: 11.MAR.2025 09:41:33

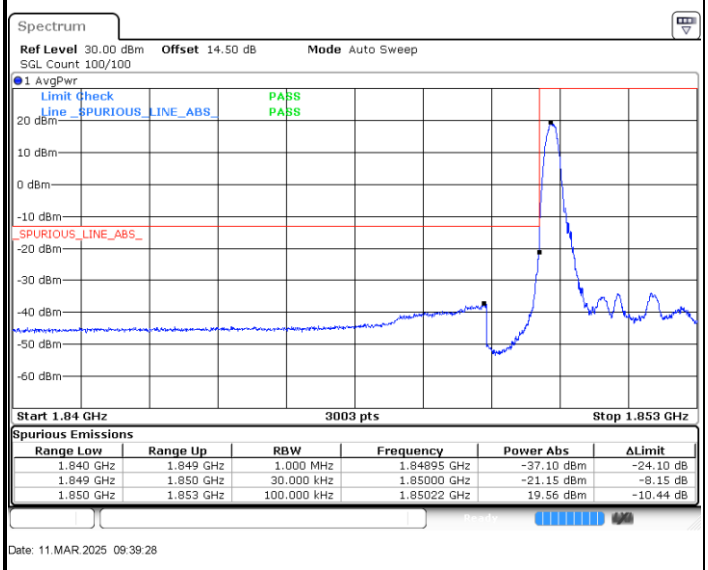
Highest Band Edge / Full RB



Date: 11.MAR.2025 09:47:10

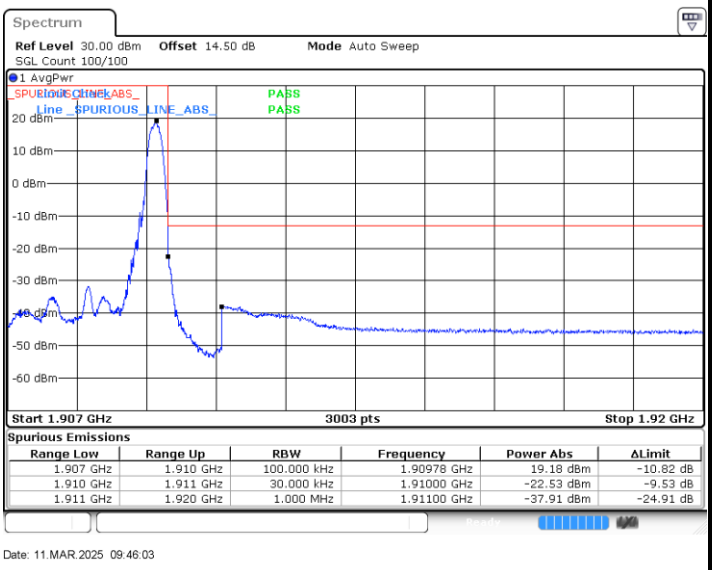
LTE Band 2 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



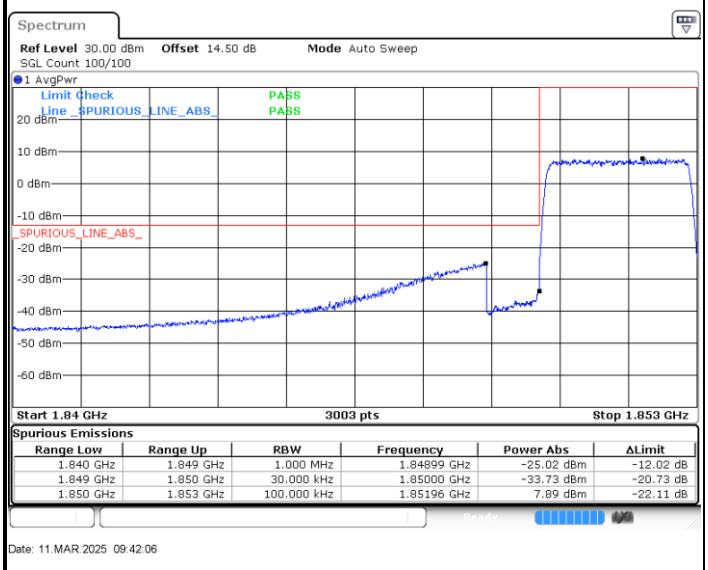
Date: 11.MAR.2025 09:39:28

Highest Band Edge / 1 RB



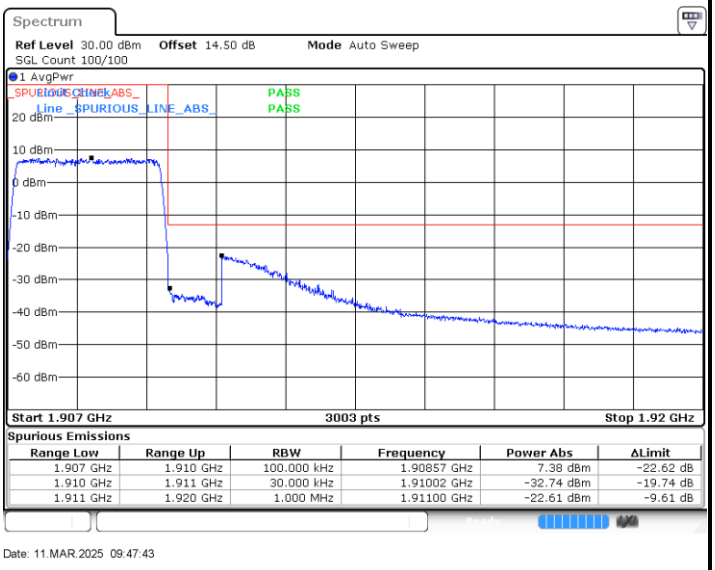
Date: 11.MAR.2025 09:46:03

Lowest Band Edge / Full RB



Date: 11.MAR.2025 09:42:06

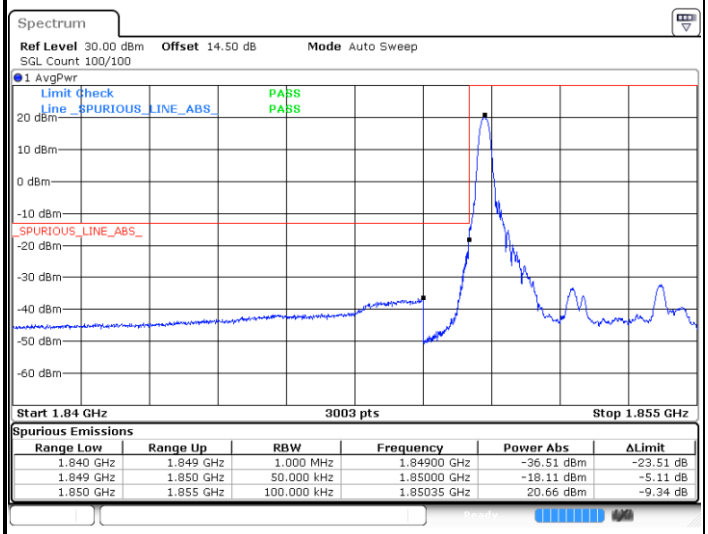
Highest Band Edge / Full RB



Date: 11.MAR.2025 09:47:43

LTE Band 2 / 5MHz / QPSK

Lowest Band Edge / 1RB

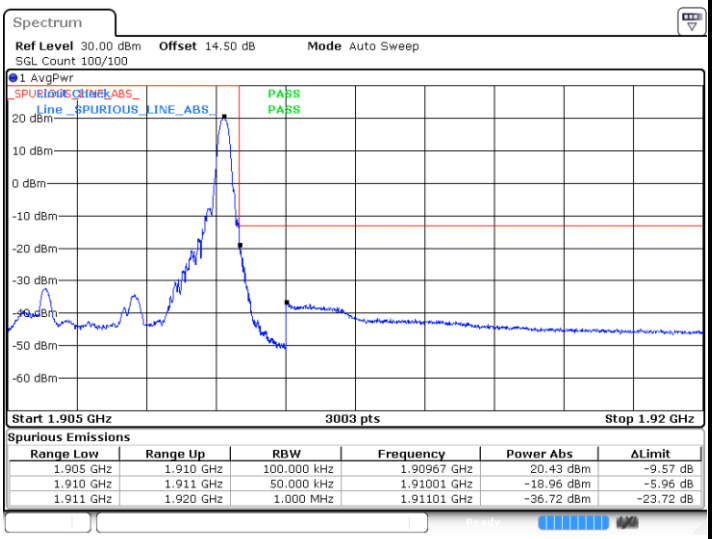


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84900 GHz	-36.51 dBm	-23.51 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.85000 GHz	-18.11 dBm	-5.11 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85035 GHz	20.66 dBm	-9.34 dB

Date: 11.MAR.2025 09:50:31

Highest Band Edge / 1RB

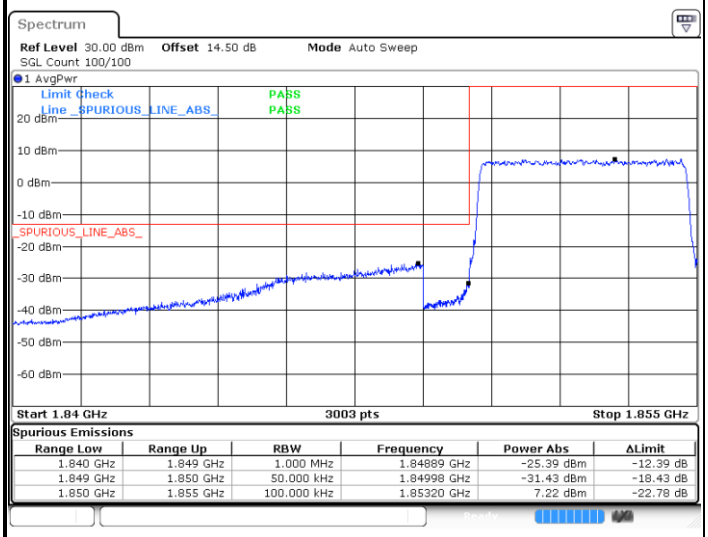


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90967 GHz	20.43 dBm	-9.57 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91001 GHz	-18.96 dBm	-5.96 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91101 GHz	-36.72 dBm	-23.72 dB

Date: 11.MAR.2025 09:57:08

Lowest Band Edge / Full RB

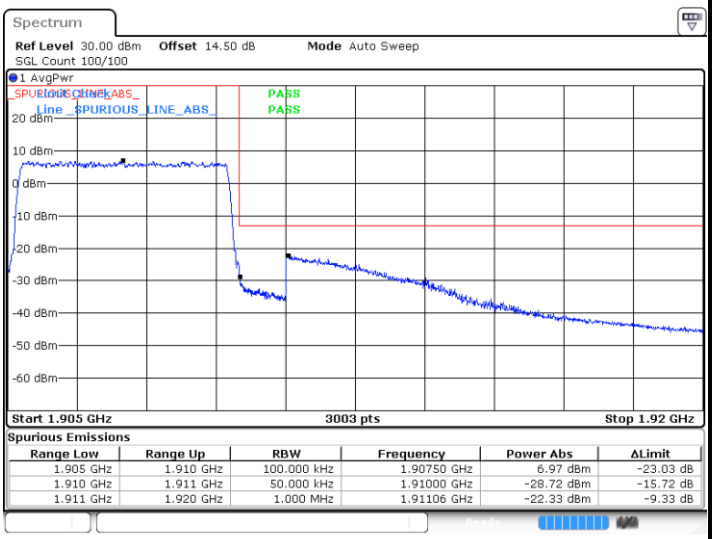


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84889 GHz	-25.39 dBm	-12.39 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.84998 GHz	-31.43 dBm	-18.43 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85320 GHz	7.22 dBm	-22.78 dB

Date: 11.MAR.2025 09:53:10

Highest Band Edge / Full RB



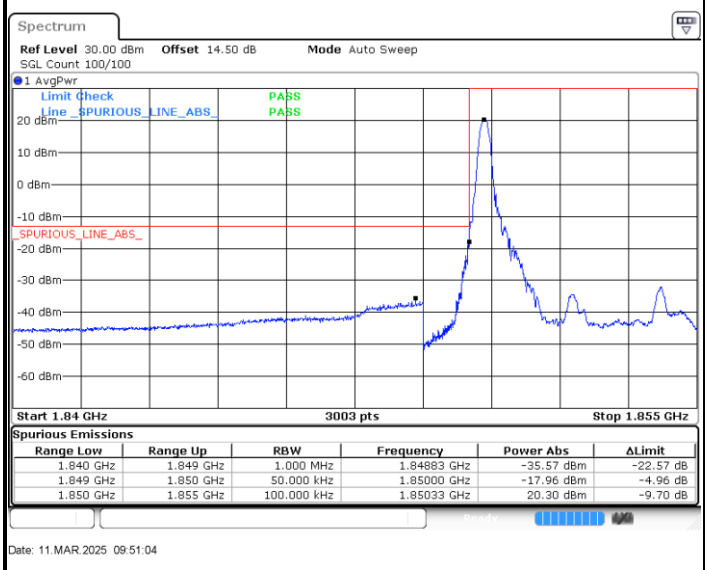
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90750 GHz	6.97 dBm	-23.03 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91000 GHz	-28.72 dBm	-15.72 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91106 GHz	-22.33 dBm	-9.33 dB

Date: 11.MAR.2025 09:58:48

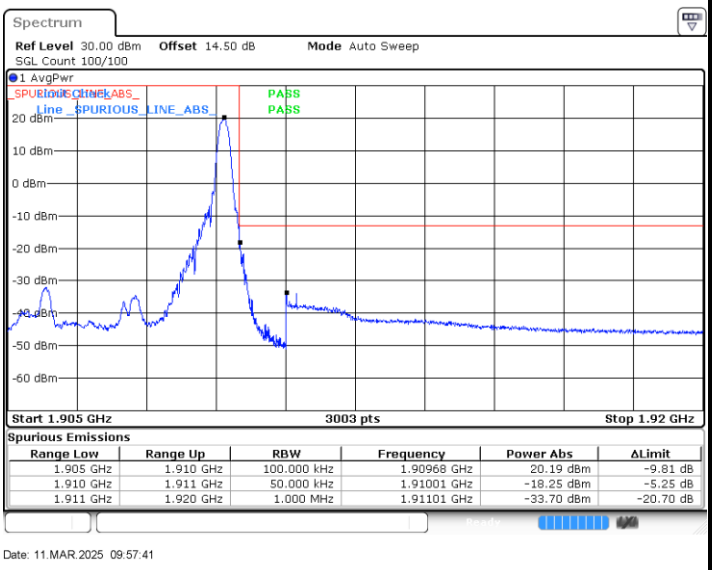
LTE Band 2 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



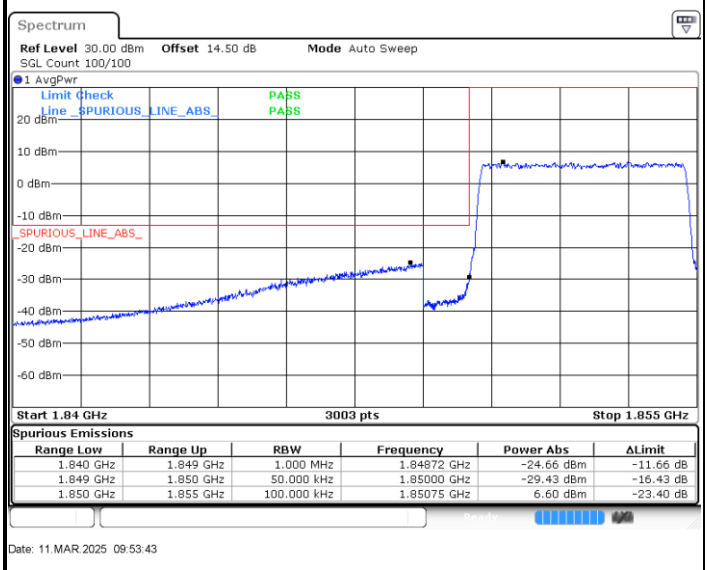
Date: 11.MAR.2025 09:51:04

Highest Band Edge / 1 RB



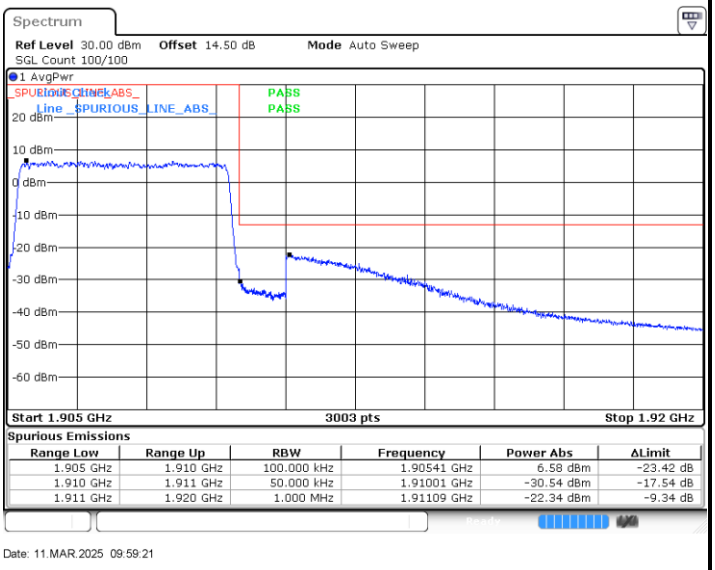
Date: 11.MAR.2025 09:57:41

Lowest Band Edge / Full RB



Date: 11.MAR.2025 09:53:43

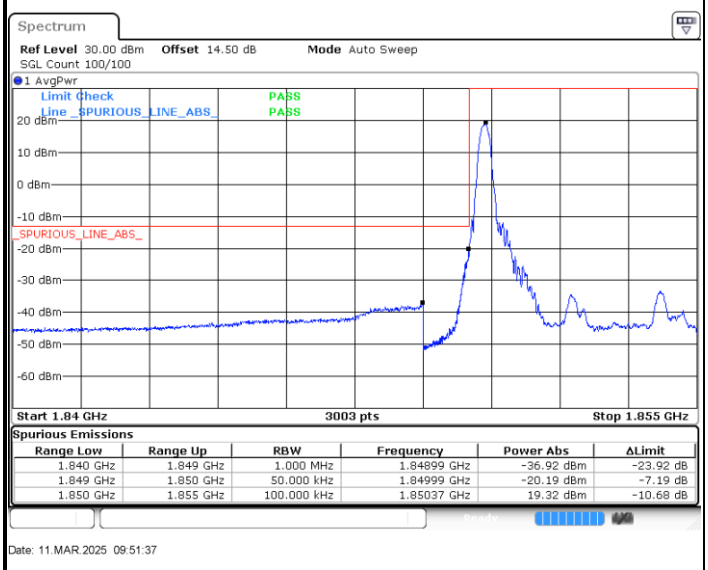
Highest Band Edge / Full RB



Date: 11.MAR.2025 09:59:21

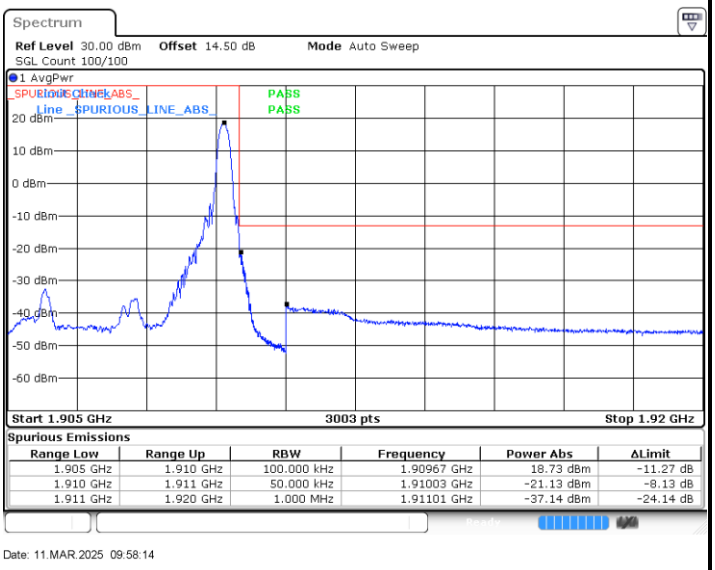
LTE Band 2 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



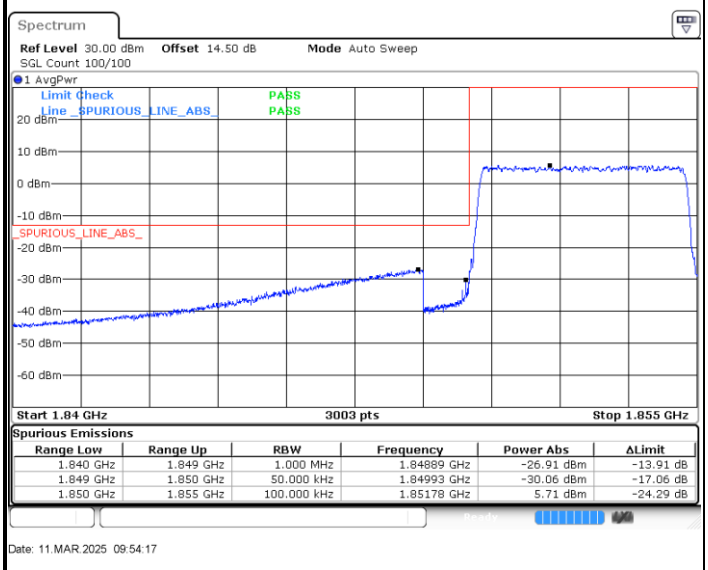
Date: 11.MAR.2025 09:51:37

Highest Band Edge / 1 RB



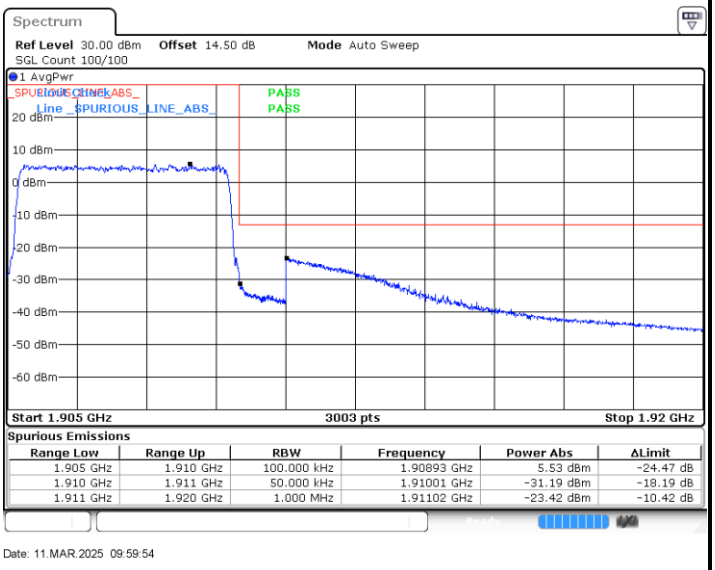
Date: 11.MAR.2025 09:58:14

Lowest Band Edge / Full RB



Date: 11.MAR.2025 09:54:17

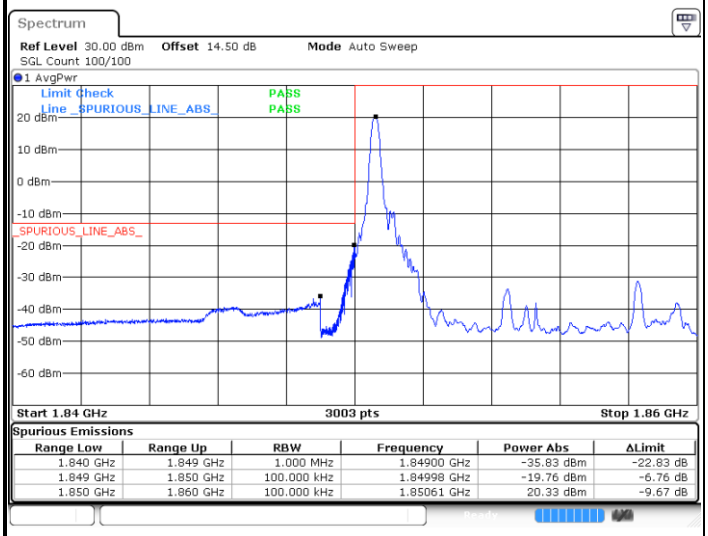
Highest Band Edge / Full RB



Date: 11.MAR.2025 09:59:54

LTE Band 2 / 10MHz / QPSK

Lowest Band Edge / 1RB

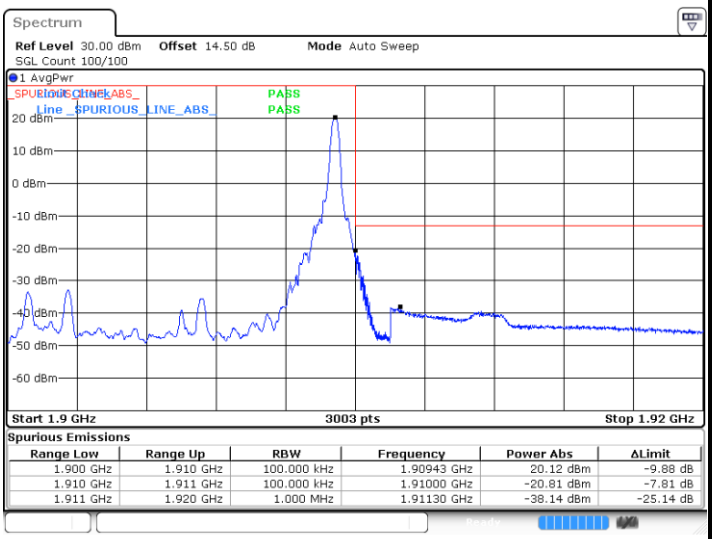


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84900 GHz	-35.83 dBm	-22.83 dB
1.849 GHz	1.850 GHz	100.000 kHz	1.84998 GHz	-19.76 dBm	-6.76 dB
1.850 GHz	1.860 GHz	100.000 kHz	1.85061 GHz	20.33 dBm	-9.67 dB

Date: 11.MAR.2025 10:02:14

Highest Band Edge / 1RB

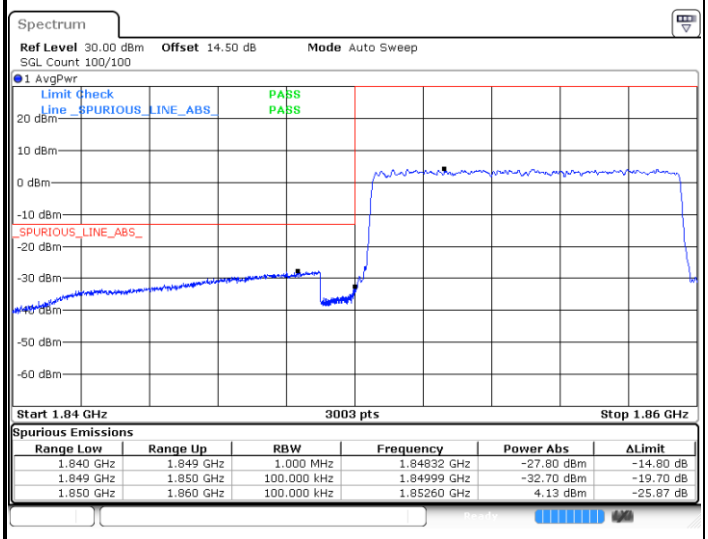


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.900 GHz	1.910 GHz	100.000 kHz	1.90943 GHz	20.12 dBm	-9.88 dB
1.910 GHz	1.911 GHz	100.000 kHz	1.91000 GHz	-20.81 dBm	-7.81 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91130 GHz	-38.14 dBm	-25.14 dB

Date: 11.MAR.2025 10:08:39

Lowest Band Edge / Full RB

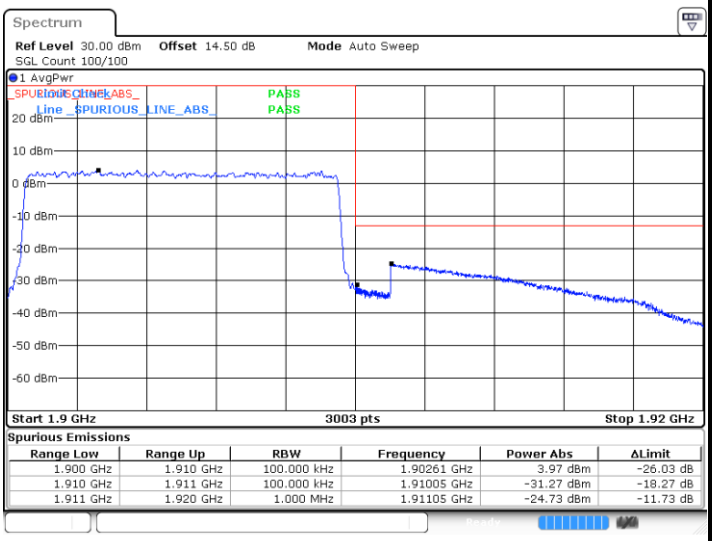


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84832 GHz	-27.80 dBm	-14.80 dB
1.849 GHz	1.850 GHz	100.000 kHz	1.84999 GHz	-32.70 dBm	-19.70 dB
1.850 GHz	1.860 GHz	100.000 kHz	1.85260 GHz	4.13 dBm	-25.87 dB

Date: 11.MAR.2025 10:03:49

Highest Band Edge / Full RB



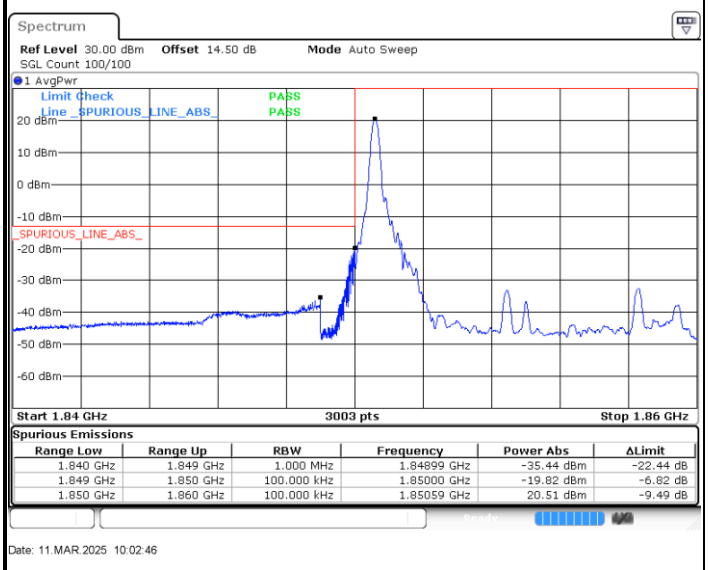
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.900 GHz	1.910 GHz	100.000 kHz	1.90261 GHz	3.97 dBm	-26.03 dB
1.910 GHz	1.911 GHz	100.000 kHz	1.91005 GHz	-31.27 dBm	-18.27 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91105 GHz	-24.73 dBm	-11.73 dB

Date: 11.MAR.2025 10:10:13

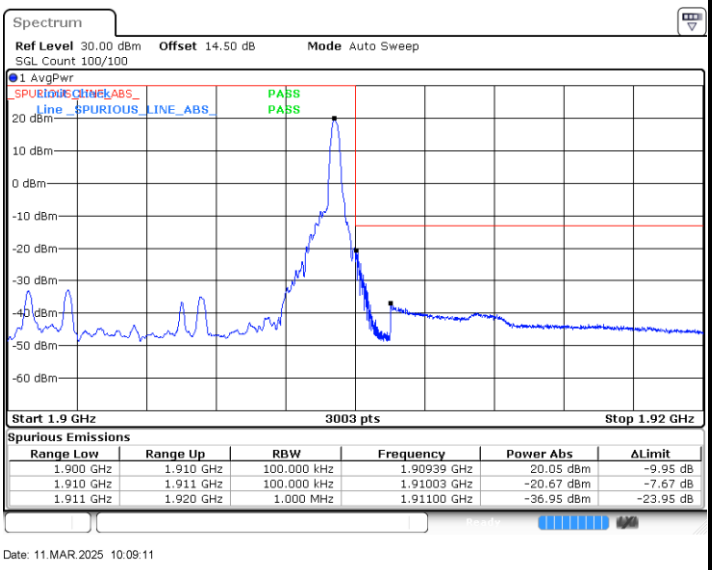
LTE Band 2 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



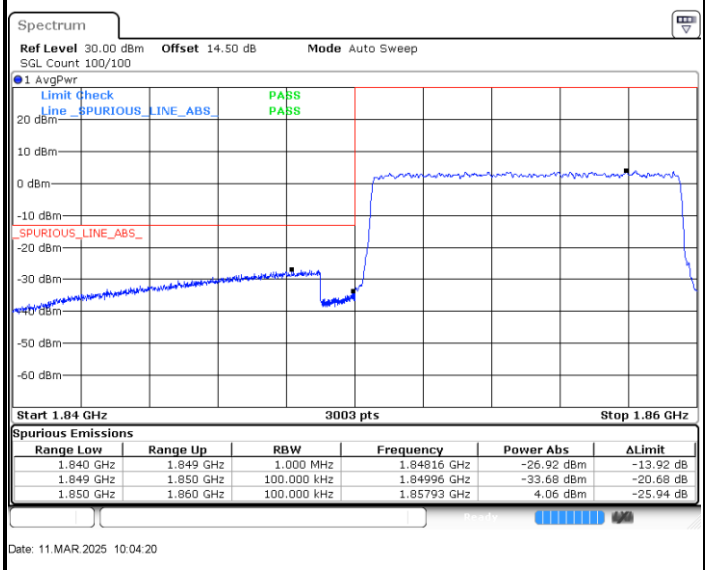
Date: 11.MAR.2025 10:02:46

Highest Band Edge / 1 RB



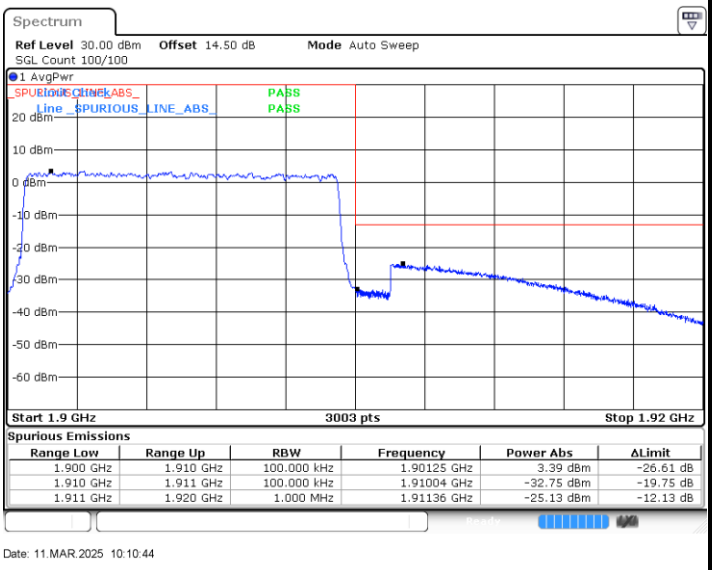
Date: 11.MAR.2025 10:09:11

Lowest Band Edge / Full RB



Date: 11.MAR.2025 10:04:20

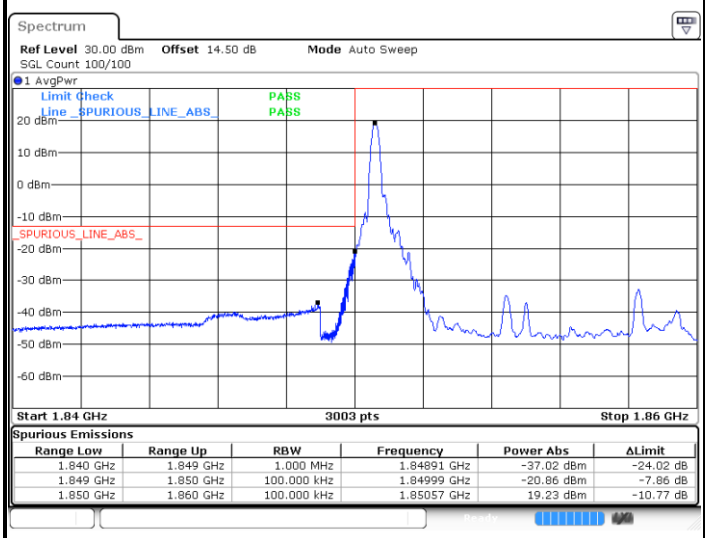
Highest Band Edge / Full RB



Date: 11.MAR.2025 10:10:44

LTE Band 2 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

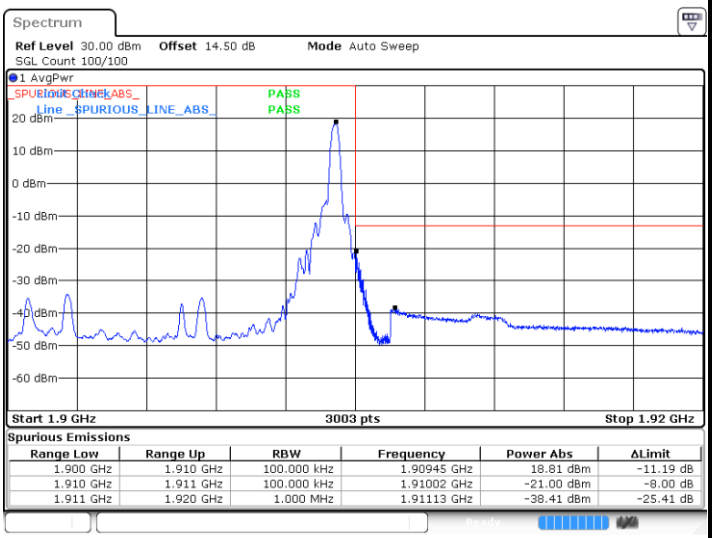


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84891 GHz	-37.02 dBm	-24.02 dB
1.849 GHz	1.850 GHz	100.000 kHz	1.84999 GHz	-20.86 dBm	-7.86 dB
1.850 GHz	1.860 GHz	100.000 kHz	1.85057 GHz	19.23 dBm	-10.77 dB

Date: 11.MAR.2025 10:03:17

Highest Band Edge / 1 RB

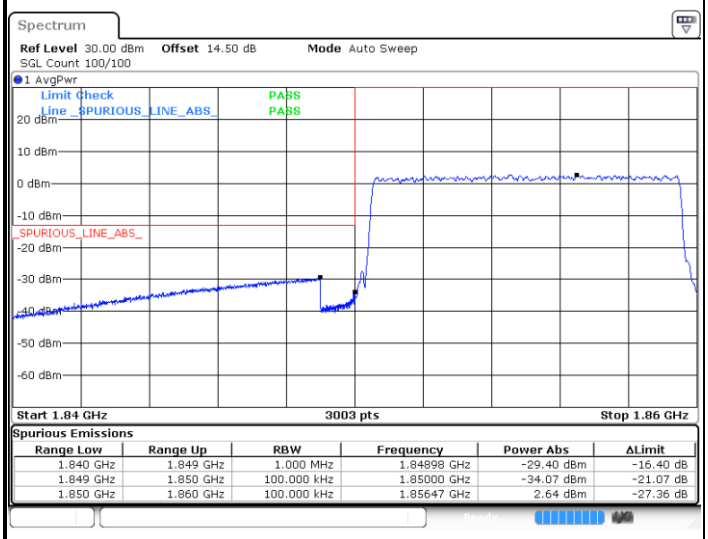


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.900 GHz	1.910 GHz	100.000 kHz	1.90945 GHz	18.81 dBm	-11.19 dB
1.910 GHz	1.911 GHz	100.000 kHz	1.91002 GHz	-21.00 dBm	-8.00 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91113 GHz	-38.41 dBm	-25.41 dB

Date: 11.MAR.2025 10:09:42

Lowest Band Edge / Full RB

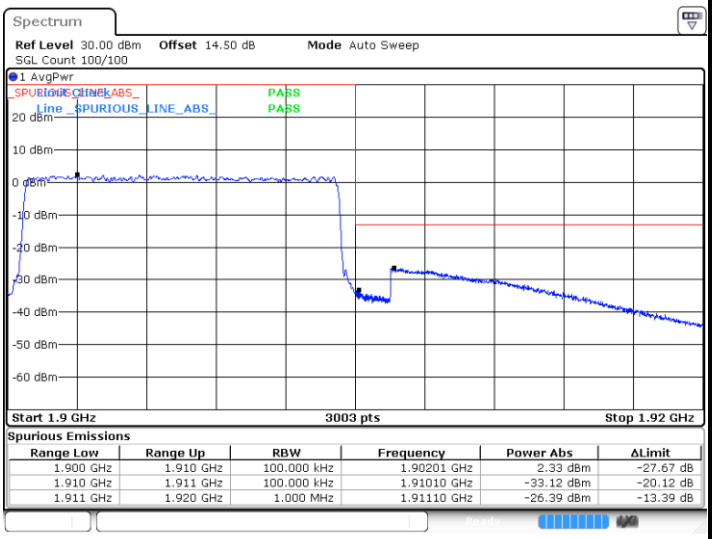


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84898 GHz	-29.40 dBm	-16.40 dB
1.849 GHz	1.850 GHz	100.000 kHz	1.85000 GHz	-34.07 dBm	-21.07 dB
1.850 GHz	1.860 GHz	100.000 kHz	1.85647 GHz	2.64 dBm	-27.36 dB

Date: 11.MAR.2025 10:04:51

Highest Band Edge / Full RB



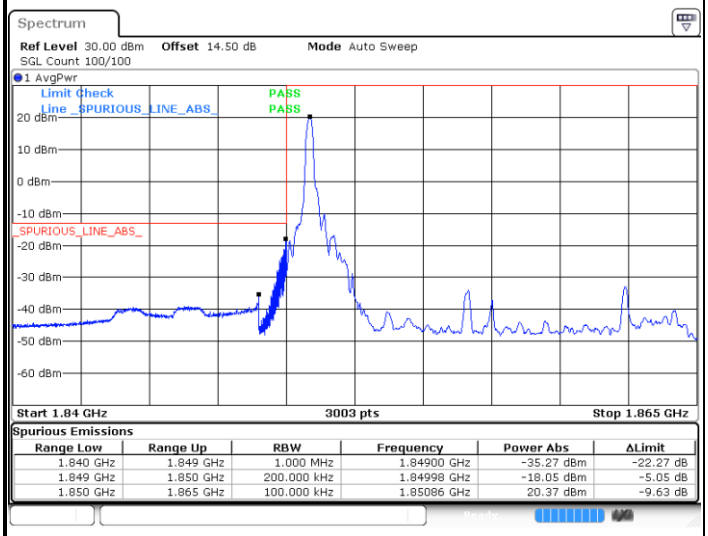
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.900 GHz	1.910 GHz	100.000 kHz	1.90201 GHz	2.33 dBm	-27.67 dB
1.910 GHz	1.911 GHz	100.000 kHz	1.91010 GHz	-33.12 dBm	-20.12 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91110 GHz	-26.39 dBm	-13.39 dB

Date: 11.MAR.2025 10:11:15

LTE Band 2 / 15MHz / QPSK

Lowest Band Edge / 1RB

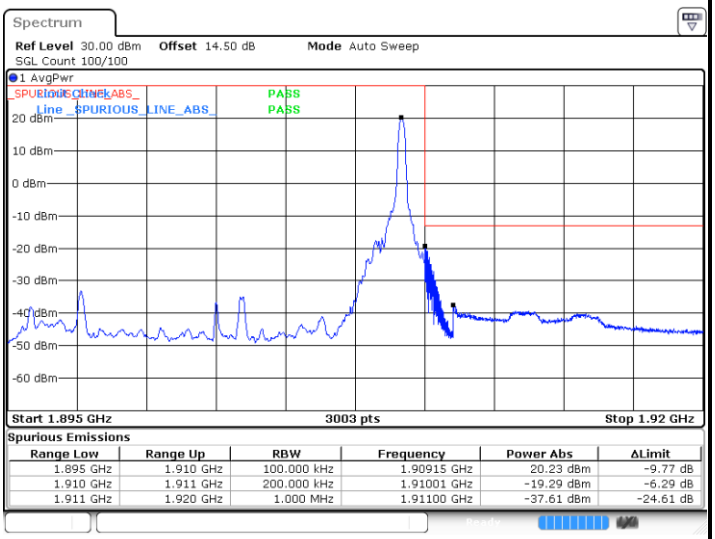


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84900 GHz	-35.27 dBm	-22.27 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84998 GHz	-18.05 dBm	-5.05 dB
1.850 GHz	1.865 GHz	100.000 kHz	1.85086 GHz	20.37 dBm	-9.63 dB

Date: 11.MAR.2025 10:13:29

Highest Band Edge / 1RB

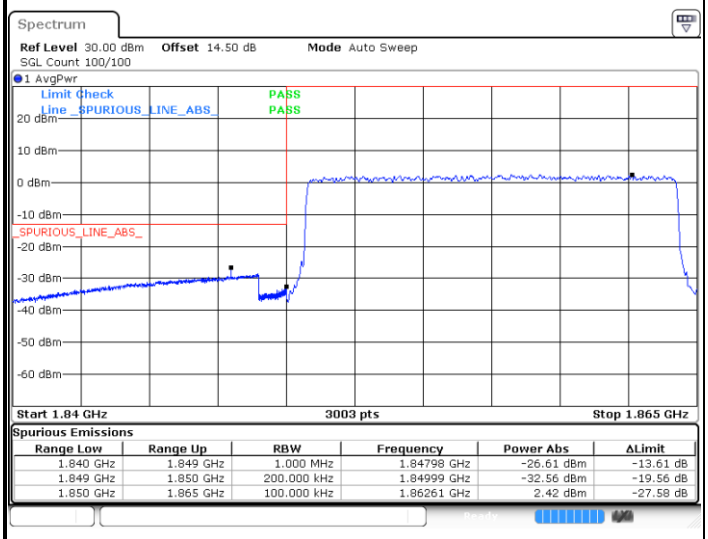


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.895 GHz	1.910 GHz	100.000 kHz	1.90915 GHz	20.23 dBm	-9.77 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91001 GHz	-19.29 dBm	-6.29 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91100 GHz	-37.61 dBm	-24.61 dB

Date: 11.MAR.2025 10:20:18

Lowest Band Edge / Full RB

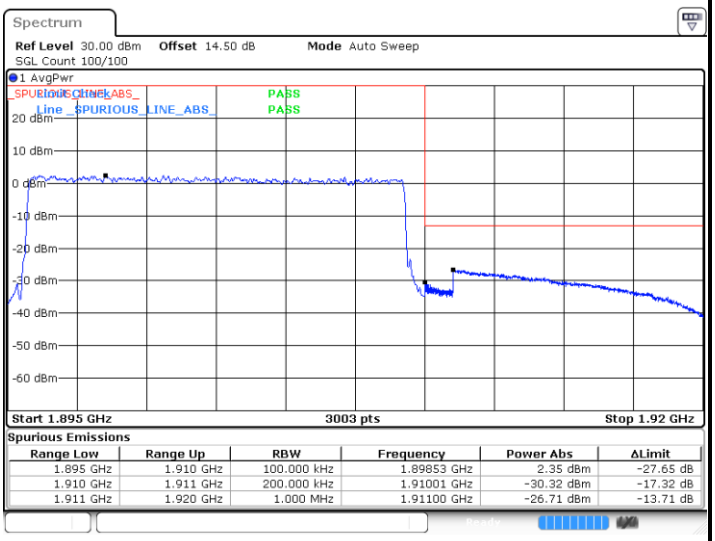


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84798 GHz	-26.61 dBm	-13.61 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84999 GHz	-32.56 dBm	-19.56 dB
1.850 GHz	1.865 GHz	100.000 kHz	1.86261 GHz	2.42 dBm	-27.58 dB

Date: 11.MAR.2025 10:15:15

Highest Band Edge / Full RB



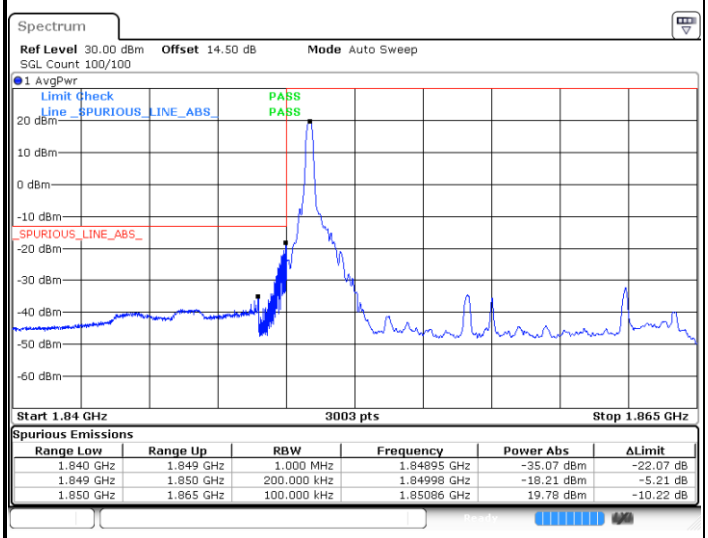
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.895 GHz	1.910 GHz	100.000 kHz	1.89853 GHz	2.35 dBm	-27.65 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91001 GHz	-30.32 dBm	-17.32 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91100 GHz	-26.71 dBm	-13.71 dB

Date: 11.MAR.2025 10:22:03

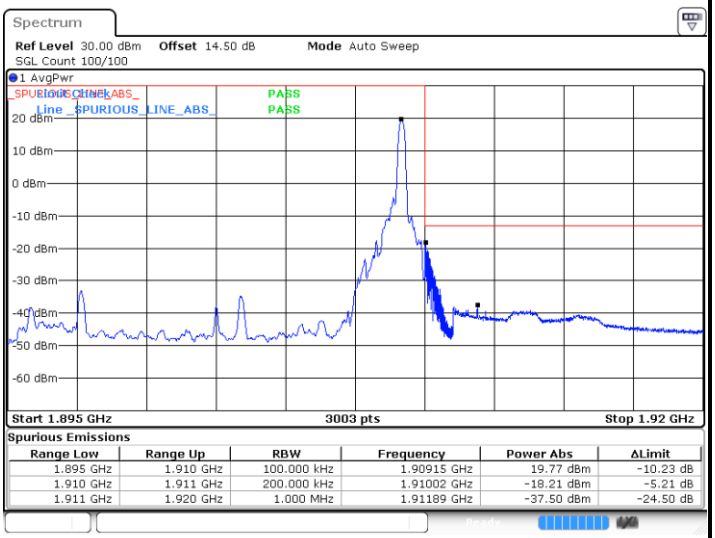
LTE Band 2 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



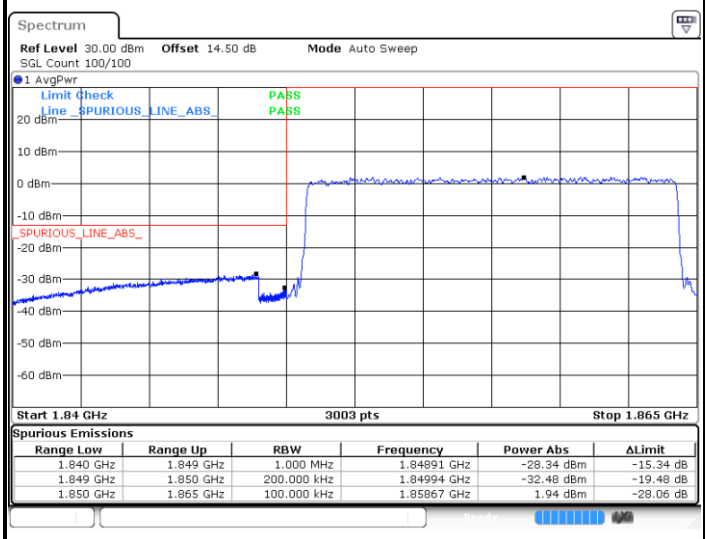
Date: 11.MAR.2025 10:14:04

Highest Band Edge / 1 RB



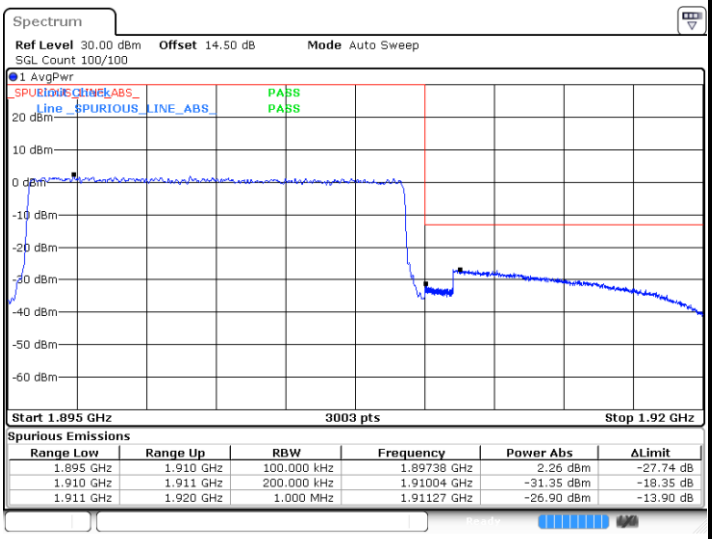
Date: 11.MAR.2025 10:20:53

Lowest Band Edge / Full RB



Date: 11.MAR.2025 10:15:50

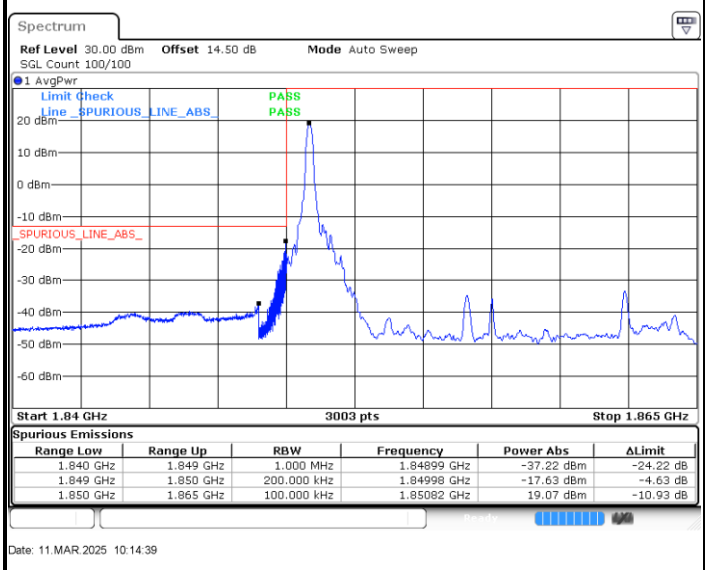
Highest Band Edge / Full RB



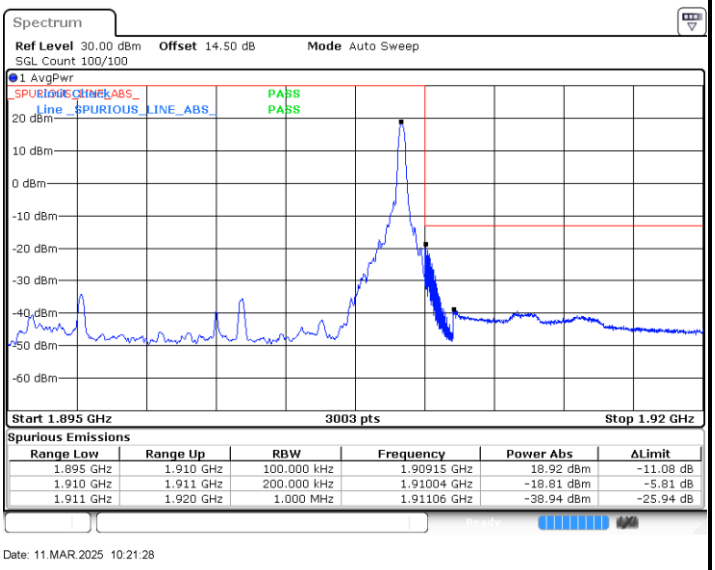
Date: 11.MAR.2025 10:22:39

LTE Band 2 / 15MHz / 64QAM

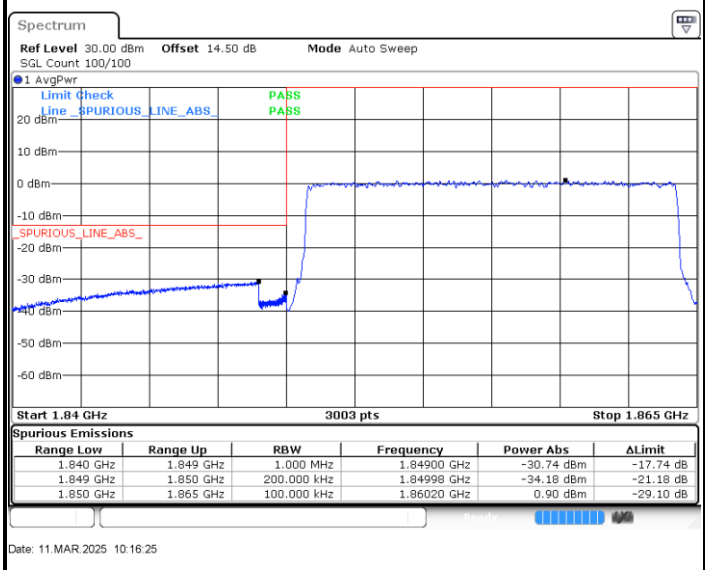
Lowest Band Edge / 1 RB



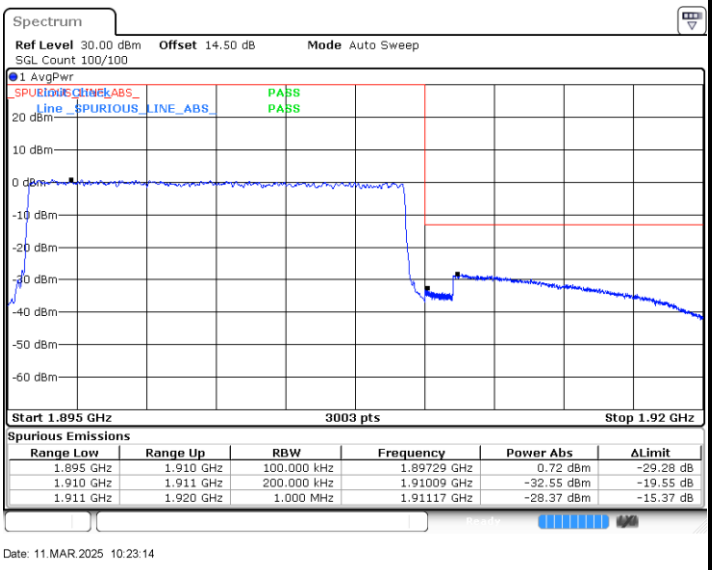
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

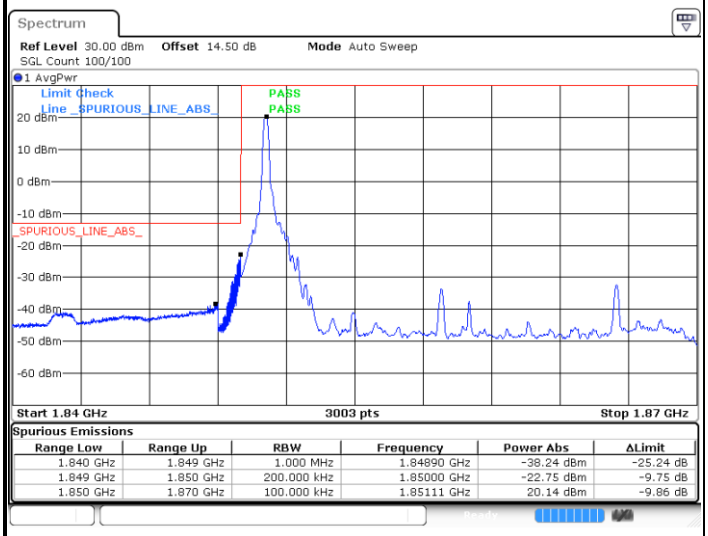


Highest Band Edge / Full RB



LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / 1RB

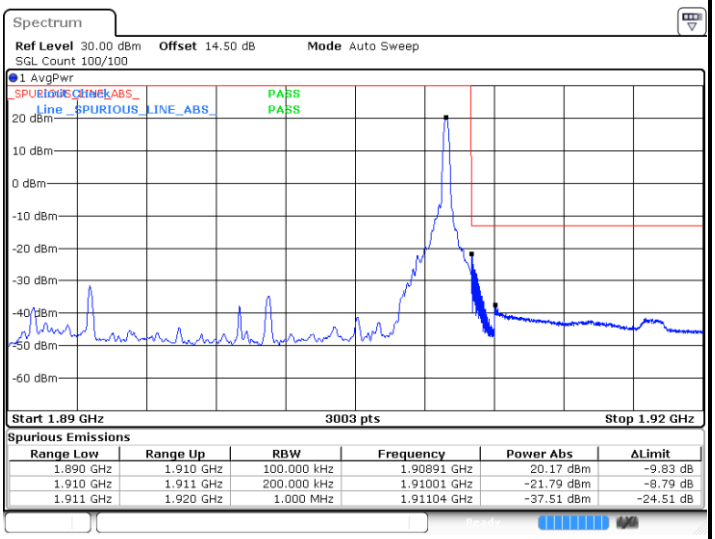


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84890 GHz	-38.24 dBm	-25.24 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.85000 GHz	-22.75 dBm	-9.75 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.85111 GHz	20.14 dBm	-9.86 dB

Date: 11.MAR.2025 10:25:37

Highest Band Edge / 1RB

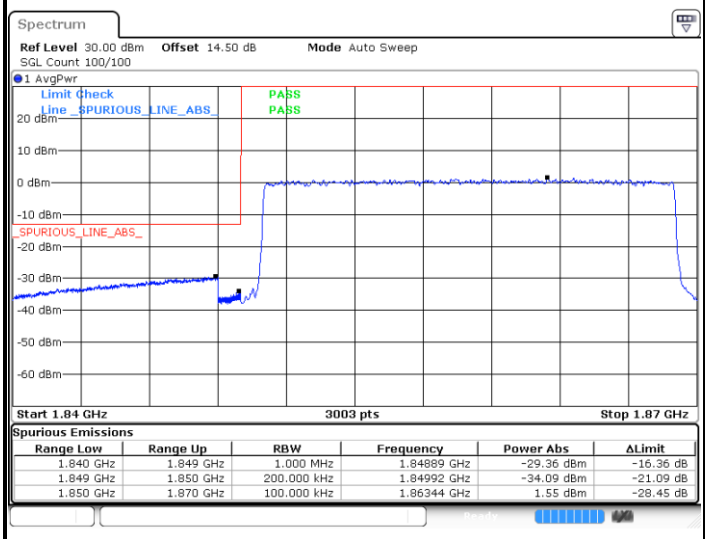


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.890 GHz	1.910 GHz	100.000 kHz	1.90891 GHz	20.17 dBm	-9.83 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91001 GHz	-21.79 dBm	-8.79 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91104 GHz	-37.51 dBm	-24.51 dB

Date: 11.MAR.2025 10:33:46

Lowest Band Edge / Full RB

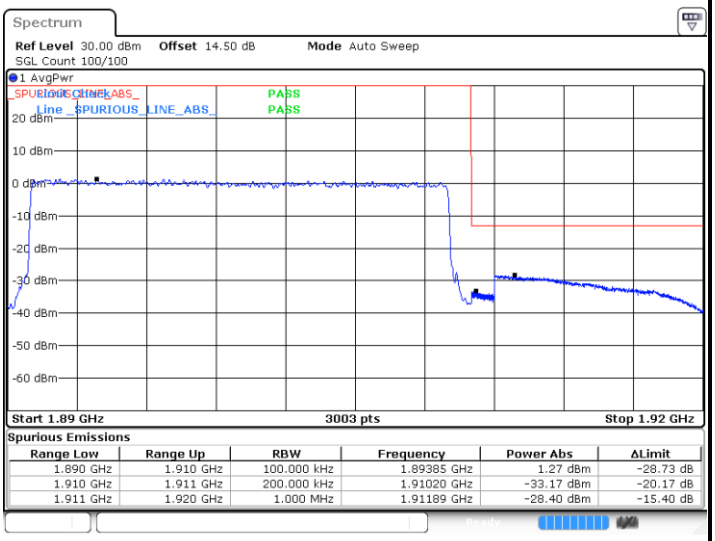


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84889 GHz	-29.36 dBm	-16.36 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84992 GHz	-34.09 dBm	-21.09 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.86344 GHz	1.55 dBm	-28.45 dB

Date: 11.MAR.2025 10:27:23

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.890 GHz	1.910 GHz	100.000 kHz	1.89385 GHz	1.27 dBm	-28.73 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91020 GHz	-33.17 dBm	-20.17 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91189 GHz	-28.40 dBm	-15.40 dB

Date: 11.MAR.2025 10:35:31