FCC RF Test Report

APPLICANT	: Xiaomi Communications Co., Ltd.
EQUIPMENT	: Mobile Phone
BRAND NAME	: Redmi
MODEL NAME	: 25080RABDG
FCC ID	: 2AFZZRABDG
STANDARD	: 47 CFR Part 22(H), 24(E), 27(L)
CLASSIFICATION	: PCS Licensed Transmitter Held to Ear (PCE)
TEST DATE(S)	: Jun. 30, 2025 ~ Jul. 18, 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)

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

People's Republic of China

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APPENDIX A. TEST RESULTS OF CONDUCTED TEST

APPENDIX B. TEST RESULTS OF RADIATED TEST

APPENDIX C. TEST SETUP PHOTOGRAPHS

REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG562503B	Rev. 01	Initial issue of report	Aug. 12, 2025

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1046	Conducted Output Power	-	Report Only	-
	§22.913(a)(5)	Effective Radiated Power (Band 5) (Band 26)	ERP < 7 Watt	PASS	-
	§24.232(c)	Equivalent Isotropic Radiated Power (Band 2)	EIRP < 2Watt		-
	§27.50(d)(4)	Equivalent Isotropic Radiated Power (Band 4) (Band 66)	EIRP < 1Watt		-
3.5	§24.232(d)	Peak-to-Average Ratio	<13 dB	PASS	-
3.6	§2.1049	Occupied Bandwidth	-	Report Only	-
3.7	§2.1051 §22.917(a) §24.238(a) §27.53(h)	Conducted Band Edge Measurement (Band 2) (Band 4) (Band 5) (Band 26) (Band 66)	< 43+10log10(P[Watts])	PASS	-
3.8	§2.1051 §22.917(a) §24.238(a) §27.53(h)	Conducted Spurious Emission (Band 2) (Band 4) (Band 5) (Band 26) (Band 66)	< 43+10log10(P[Watts])	PASS	-
3.9	§2.1055 §22.355	Frequency Stability Temperature & Voltage	< 2.5 ppm for Part 22	PASS	-
	§2.1055 §24.235 §27.54		Within Authorized Band		
4.4	§2.1053 §22.917(a) §24.238(a) §27.53(h)	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 26) (Band 66)	< 43+10log$_{10}$(P[Watts])	PASS	Under limit 23.55 dB at 7729.50 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

Xiaomi Communications Co., Ltd.
#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

1.2 Manufacturer

Xiaomi Communications Co., Ltd.
#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Phone
Brand Name	Redmi
Model Name	25080RABDG
FCC ID	2AFZZRABDG
IMEI Code	Conducted: 862542070023583/862542070023591 Radiation: 862542070040926/862542070040934
HW Version	135100P16
SW Version	Xiaomi HyperOS 2.0
EUT Stage	Identical Prototype

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

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	LTE Band 2: 1850 MHz ~ 1910 MHz LTE Band 4: 1710 MHz ~ 1755 MHz LTE Band 5: 824 MHz ~ 849 MHz LTE Band 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 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 26: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz LTE Band 66: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz
Maximum Output Power to Antenna	**<Ant.0>** LTE Band 5: 24.44 dBm LTE Band 26: 24.52 dBm **<Ant.1>** LTE Band 2: 24.35 dBm LTE Band 4: 24.45 dBm LTE Band 66: 24.45 dBm **<Ant.2>** LTE Band 5: 24.42 dBm LTE Band 26: 24.41 dBm **<Ant.5>** LTE Band 2: 24.27 dBm LTE Band 4: 24.33 dBm LTE Band 66: 24.18 dBm **<Ant.3>** LTE Band 2: 23.58 dBm LTE Band 4: 23.55 dBm LTE Band 66: 23.62 dBm
Antenna Gain	**<Ant.0>** LTE Band 5: -3.9 dBi LTE Band 26: -3.9 dBi **<Ant.1>** LTE Band 2: -3.9 dBi LTE Band 4: -4.3 dBi LTE Band 66: -3.8 dBi **<Ant.2>** LTE Band 5: -7.1 dBi LTE Band 26: -7.1 dBi **<Ant.5>** LTE Band 2: -0.92 dBi LTE Band 4: -2.86 dBi LTE Band 66: -2.86 dBi **<Ant.3>** LTE Band 2: -1.65 dBi LTE Band 4: -1.34 dBi

	LTE Band 66: -1.34 dBi
Type of Modulation	QPSK / 16QAM / 64QAM / 256QAM

Note:

1. The maximum EIRP is calculated from max output power and max antenna gain, so only the maximum EIRP of Ant.5 for LTE B2 and Ant.3 for LTE B4/66 and Ant.0 for LTE B5/26 is shown in the report.
2. For LTE bands, only the test data of Ant.0 for LTE B5/26 and Ant.1 for LTE B2/4/66 is showed in the report according to the maximum conducted power for conducted test items.
3. The device supports two PAs for LTE Band 2/4/66 (main PA and other PA, other PA for NSA mode only), both the PAs are full tested, only the worst EIRP are shown in the report.
4. Other PA only supports NSA mode on Ant.3.

1.5 Modification of EUT

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

1.6 Maximum ERP/EIRP 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	0.2168	1M09G7D	0.1914	1M09W7D
3	1851.5 ~ 1908.5	0.2138	2M72G7D	0.1892	2M72W7D
5	1852.5 ~ 1907.5	0.2148	4M49G7D	0.1932	4M50W7D
10	1855.0 ~ 1905.0	0.2133	9M05G7D	0.1919	9M05W7D
15	1857.5 ~ 1902.5	0.2143	13M4G7D	0.1923	13M5W7D
20	1860.0 ~ 1900.0	0.2163	17M9G7D	0.1941	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	0.1626	1M09G7D	0.1318	1M10W7D
3	1711.5 ~ 1753.5	0.1644	2M72G7D	0.1324	2M73W7D
5	1712.5 ~ 1752.5	0.1656	4M49G7D	0.1303	4M49W7D
10	1715.0 ~ 1750.0	0.1644	9M07G7D	0.1309	9M05W7D
15	1717.5 ~ 1747.5	0.1644	13M5G7D	0.1324	13M4W7D
20	1720.0 ~ 1745.0	0.1663	17M9G7D	0.1334	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	0.0585	1M09G7D	0.0555	1M11W7D
3	825.5 ~ 847.5	0.0685	2M70G7D	0.0504	2M72W7D
5	826.5 ~ 846.5	0.0679	4M51G7D	0.0513	4M49W7D
10	829.0 ~ 844.0	0.0690	9M01G7D	0.0521	9M03W7D

LTE Band 26		QPSK		16QAM/64QAM	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
1.4	824.7 ~ 848.3	0.0687	1M09G7D	0.0553	1M11W7D
3	825.5 ~ 847.5	0.0695	2M70G7D	0.0557	2M72W7D
5	826.5 ~ 846.5	0.0693	4M51G7D	0.0551	4M49W7D
10	829.0 ~ 844.0	0.0689	9M01G7D	0.0546	9M03W7D
15	831.5 ~ 841.5	0.0703	13M4G7D	0.0558	13M5W7D
CH26790	824.0	0.0690	13M4G7D	0.0547	13M4W7D
LTE Band 66		**QPSK**		**16QAM/64QAM**	
BW (MHz)	**Frequency Range (MHz)**	**Maximum EIRP(W)**	**Emission Designator (99%OBW)**	**Maximum EIRP(W)**	**Emission Designator (99%OBW)**
1.4	1710.7 ~ 1779.3	0.1683	1M09G7D	0.1303	1M10W7D
3	1711.5 ~ 1778.5	0.1663	2M72G7D	0.1306	2M73W7D
5	1712.5 ~ 1777.5	0.1675	4M49G7D	0.1306	4M49W7D
10	1715.0 ~ 1775.0	0.1667	9M07G7D	0.1315	9M05W7D
15	1717.5 ~ 1772.5	0.1683	13M5G7D	0.1324	13M4W7D
20	1720.0 ~ 1770.0	0.1690	17M9G7D	0.1334	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. 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 03CH01-SZ	CN1256	421272

1.8 Test Software

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

1.9 Applicable Standards

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

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

Remark:

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

2 Test Configuration of Equipment Under Test

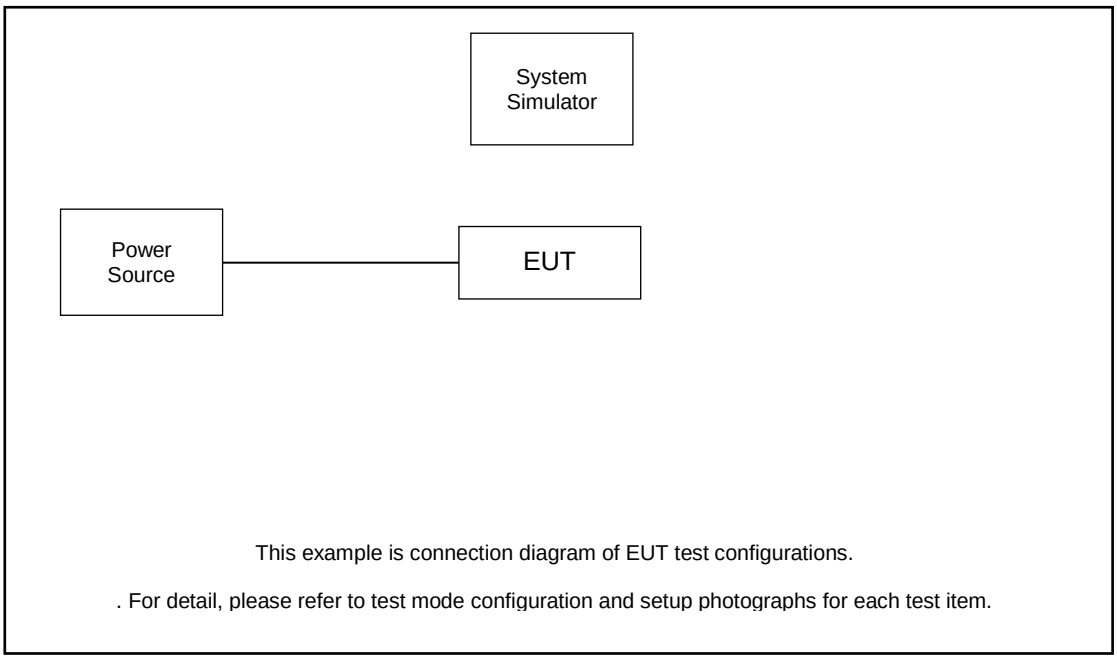
2.1 Test Mode

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	16 QAM	64 QAM	256 QAM	1	Half	Full	L	M	H
Max. Output Power	2	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	4	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	5	v	v	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	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	
	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	
	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
	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
	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	
	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
	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	
	26	Worst Case														v	
	66	Worst Case														v	
Note	1. The mark "**v** " means that this configuration is chosen for testing 2. The mark "-" means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. 4. For QAM modulation mode, the whole testing has assessed 16QAM&64QAM mode by referring to the higher conducted power																

2.2 Connection Diagram of Test System



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

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

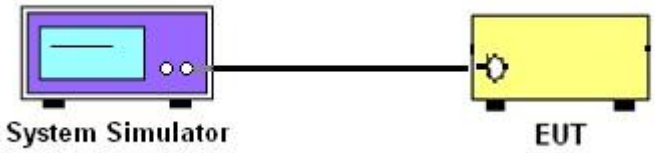
3 Conducted Test Items

3.1 Measuring Instruments

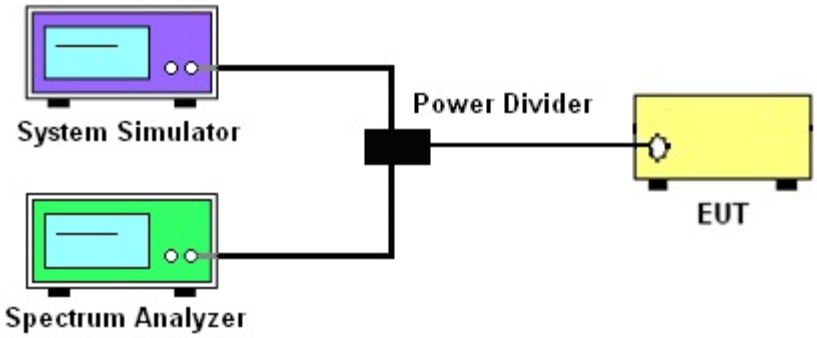
See list of measuring instruments of this test report.

3.2 Test Setup

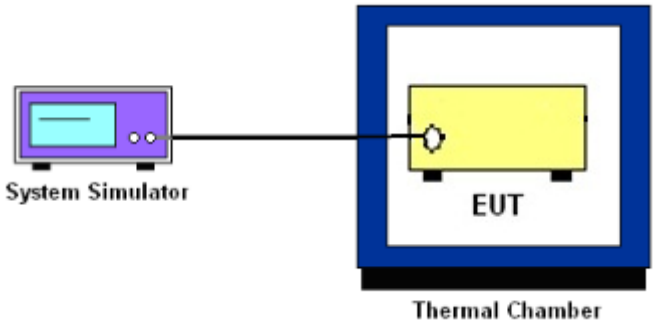
3.2.1 Conducted Output Power



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



3.2.3 Frequency Stability



3.3 Test Result of Conducted Test

Please refer to Appendix A.

3.4 Conducted Output Power and ERP/EIRP

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

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

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

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

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 (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 10th harmonic.

3.8.2 Test Procedures

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

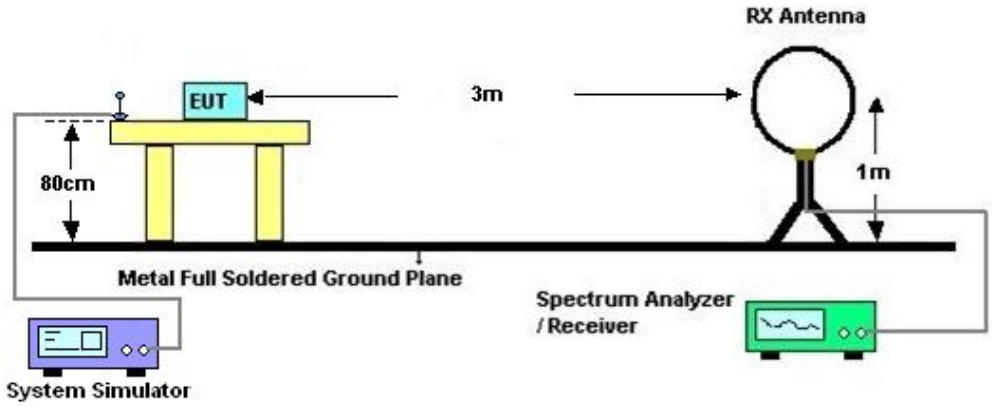
4 Radiated Test Items

4.1 Measuring Instruments

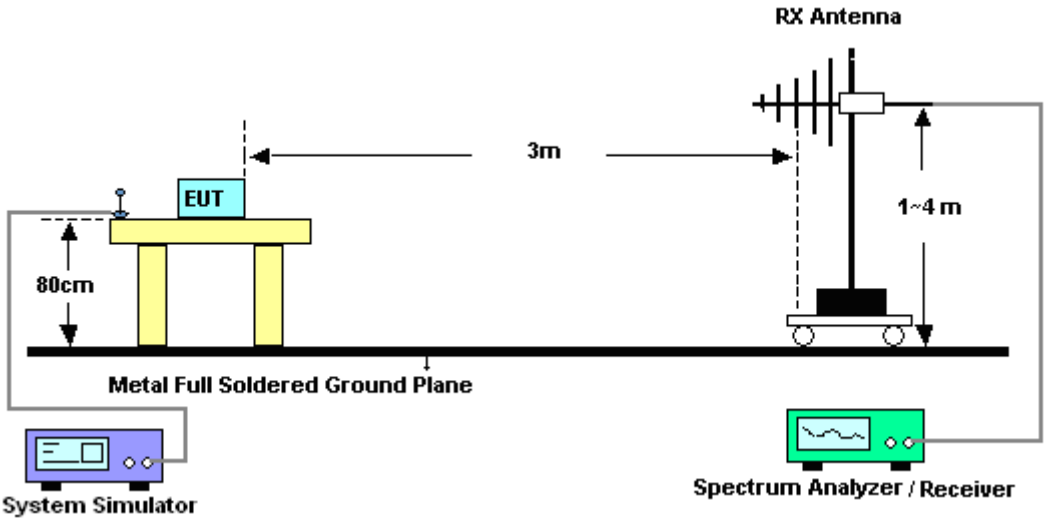
See list of measuring instruments of this test report.

4.2 Test Setup

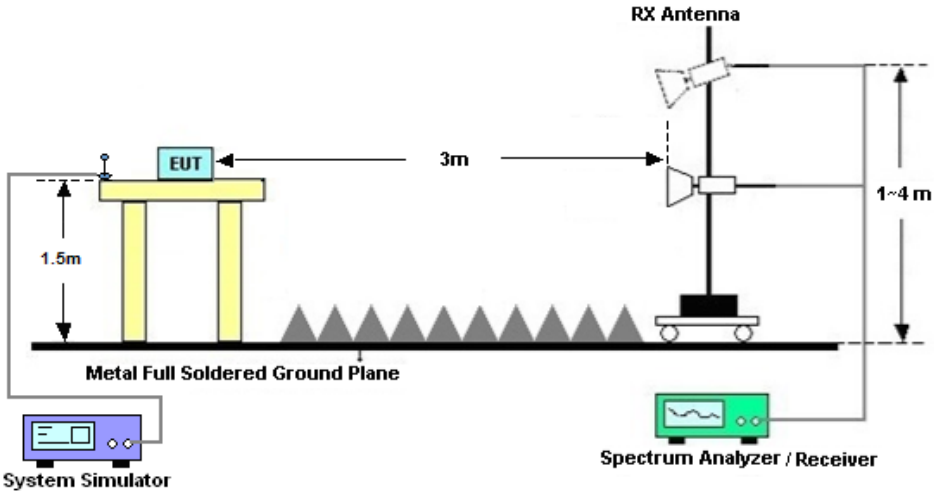
4.2.1 For radiated test below 30MHz



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.

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. 02, 2025	Jun. 30, 2025~ Jul. 13, 2025	Apr. 01, 2026	Conducted (TH01-SZ)
DC Power Supply	TTI	PL330P	290070	Max 32V，3A	Oct.14,2024	Jun. 30, 2025~ Jul. 13, 2025	Oct. 13, 2025	Conducted (TH01-SZ)
Power Divider	Titan	P02N005180	923402	0.4GHz~26.5GHz	Nov. 08, 2024	Jun. 30, 2025~ Jul. 13, 2025	Nov. 07, 2025	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H2014081803	-40~+150°C	Jul. 03, 2024	Jun. 30, 2025~ Jul. 13, 2025	Jul. 02, 2025	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H2014081803	-40~+150°C	Jul. 02, 2025		Jul. 01, 2026	Conducted (TH01-SZ)
EMI Test Receiver&SA	Agilent	N9038A	MY52260185	20Hz~26.5GHz	Dec. 25, 2024	Jul. 18, 2025	Dec. 24, 2025	Radiation (03CH01-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 28, 2024	Jul. 18, 2025	Dec. 27, 2025	Radiation (03CH01-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5Ghz	Oct. 14, 2024	Jul. 18, 2025	Oct. 13, 2025	Radiation (03CH01-SZ
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz-2GHz	Oct. 24, 2023	Jul. 18, 2025	Oct. 23, 2025	Radiation (03CH01-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 04, 2025	Jul. 18, 2025	Jul. 03, 2026	Radiation (03CH01-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 03, 2025	Jul. 18, 2025	Apr. 02, 2027	Radiation (03CH01-SZ)
LF Amplifier	EM Electronics	EM330	060788	20MHz-3GHz	Dec. 25, 2024	Jul. 18, 2025	Dec. 24, 2025	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	AMF-7D-00101800-30-10P-R	1943528	1GHz~18GHz	Oct. 14, 2024	Jul. 18, 2025	Oct. 13, 2025	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 03, 2025	Jul. 18, 2025	Jul. 02, 2026	Radiation (03CH01-SZ)
AC Power Source	Chroma	61601	616010001985	N/A	Oct. 14, 2024	Jul. 18, 2025	Oct. 13, 2025	Radiation (03CH01-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Jul. 18, 2025	NCR	Radiation (03CH01-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Jul. 18, 2025	NCR	Radiation (03CH01-SZ)

NCR: No Calibration Required

6 Measurement Uncertainty

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

Uncertainty of Conducted Measurement

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

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

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

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

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

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

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

---------- 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 EIRP/ERP

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	24.18	24.27	24.25	0.2118	0.2163	0.2153
20	QPSK	1	49	24.10	24.23	24.16	0.2080	0.2143	0.2109
20	QPSK	1	99	24.10	24.24	24.18	0.2080	0.2148	0.2118
20	QPSK	50	0	23.65	23.76	23.73	0.1875	0.1923	0.1910
20	QPSK	50	24	23.59	23.75	23.71	0.1849	0.1919	0.1901
20	QPSK	50	50	23.56	23.67	23.59	0.1837	0.1884	0.1849
20	QPSK	100	0	23.52	23.73	23.74	0.1820	0.1910	0.1914
20	16QAM	1	0	23.48	23.78	23.70	0.1803	0.1932	0.1897
20	16QAM	1	49	23.60	23.80	23.79	0.1854	0.1941	0.1936
20	16QAM	1	99	23.50	23.75	23.69	0.1811	0.1919	0.1892
20	16QAM	50	0	22.50	22.74	22.77	0.1439	0.1521	0.1531
20	16QAM	50	24	22.51	22.83	22.74	0.1442	0.1552	0.1521
20	16QAM	50	50	22.57	22.72	22.76	0.1462	0.1514	0.1528
20	16QAM	100	0	22.58	22.78	22.71	0.1466	0.1535	0.1510
20	64QAM	1	0	22.51	22.73	22.70	0.1442	0.1517	0.1507
20	64QAM	1	49	22.57	22.77	22.79	0.1462	0.1531	0.1538
20	64QAM	1	99	22.53	22.79	22.79	0.1449	0.1538	0.1538
20	64QAM	50	0	21.60	21.82	21.71	0.1169	0.1230	0.1199
20	64QAM	50	24	21.59	21.76	21.73	0.1167	0.1213	0.1205
20	64QAM	50	50	21.55	21.75	21.69	0.1156	0.1211	0.1194
20	64QAM	100	0	21.50	21.76	21.78	0.1143	0.1213	0.1219
20	256QAM	1	0	19.52	19.84	19.77	0.0724	0.0780	0.0767
20	256QAM	1	49	19.57	19.82	19.69	0.0733	0.0776	0.0753
20	256QAM	1	99	19.57	19.79	19.74	0.0733	0.0771	0.0762
20	256QAM	50	0	19.49	19.75	19.68	0.0719	0.0764	0.0752
20	256QAM	50	24	19.59	19.75	19.69	0.0736	0.0764	0.0753
20	256QAM	50	50	19.58	19.83	19.79	0.0735	0.0778	0.0771
20	256QAM	100	0	19.56	19.79	19.69	0.0731	0.0771	0.0753
Channel				18675	18900	19125	EIRP(W)		
Frequency (MHz)				1857.5	1880	1902.5	L	M	H
15	QPSK	1	0	23.93	24.23	24.11	0.2000	0.2143	0.2084

15	QPSK	1	37	23.96	24.17	24.12	0.2014	0.2113	0.2089
15	QPSK	1	74	24.06	24.14	24.04	0.2061	0.2099	0.2051
15	QPSK	36	0	23.35	23.66	23.58	0.1750	0.1879	0.1845
15	QPSK	36	20	23.56	23.74	23.58	0.1837	0.1914	0.1845
15	QPSK	36	39	23.52	23.79	23.73	0.1820	0.1936	0.1910
15	QPSK	75	0	23.38	23.65	23.64	0.1762	0.1875	0.1871
15	16QAM	1	0	23.37	23.76	23.62	0.1758	0.1923	0.1862
15	16QAM	1	37	23.58	23.66	23.76	0.1845	0.1879	0.1923
15	16QAM	1	74	23.35	23.69	23.65	0.1750	0.1892	0.1875
15	16QAM	36	0	22.46	22.70	22.62	0.1426	0.1507	0.1479
15	16QAM	36	20	22.44	22.81	22.70	0.1419	0.1545	0.1507
15	16QAM	36	39	22.44	22.58	22.70	0.1419	0.1466	0.1507
15	16QAM	75	0	22.55	22.77	22.67	0.1455	0.1531	0.1496
15	64QAM	1	0	22.42	22.59	22.62	0.1413	0.1469	0.1479
15	64QAM	1	37	22.49	22.63	22.73	0.1435	0.1483	0.1517
15	64QAM	1	74	22.43	22.76	22.75	0.1416	0.1528	0.1524
15	64QAM	36	0	21.55	21.74	21.67	0.1156	0.1208	0.1189
15	64QAM	36	20	21.46	21.62	21.68	0.1132	0.1175	0.1191
15	64QAM	36	39	21.50	21.60	21.65	0.1143	0.1169	0.1183
15	64QAM	75	0	21.37	21.68	21.65	0.1109	0.1191	0.1183
15	256QAM	1	0	19.48	19.80	19.70	0.0718	0.0773	0.0755
15	256QAM	1	37	19.50	19.68	19.68	0.0721	0.0752	0.0752
15	256QAM	1	74	19.54	19.64	19.69	0.0728	0.0745	0.0753
15	256QAM	36	0	19.34	19.63	19.56	0.0695	0.0743	0.0731
15	256QAM	36	20	19.58	19.67	19.62	0.0735	0.0750	0.0741
15	256QAM	36	39	19.49	19.74	19.66	0.0719	0.0762	0.0748
15	256QAM	75	0	19.43	19.65	19.54	0.0710	0.0746	0.0728
Channel				18650	18900	19150	EIRP(W)		
Frequency (MHz)				1855	1880	1905	L	M	H
10	QPSK	1	0	24.02	24.17	24.11	0.2042	0.2113	0.2084
10	QPSK	1	25	24.05	24.21	24.13	0.2056	0.2133	0.2094
10	QPSK	1	49	24.04	24.15	24.06	0.2051	0.2104	0.2061
10	QPSK	25	0	23.44	23.71	23.70	0.1786	0.1901	0.1897
10	QPSK	25	12	23.57	23.61	23.63	0.1841	0.1858	0.1866
10	QPSK	25	25	23.54	23.79	23.67	0.1828	0.1936	0.1884
10	QPSK	50	0	23.43	23.67	23.60	0.1782	0.1884	0.1854
10	16QAM	1	0	23.35	23.64	23.55	0.1750	0.1871	0.1832
10	16QAM	1	25	23.47	23.75	23.74	0.1799	0.1919	0.1914
10	16QAM	1	49	23.47	23.71	23.59	0.1799	0.1901	0.1849
10	16QAM	25	0	22.37	22.67	22.65	0.1396	0.1496	0.1489
10	16QAM	25	12	22.37	22.82	22.68	0.1396	0.1549	0.1500
10	16QAM	25	25	22.53	22.69	22.66	0.1449	0.1503	0.1493
10	16QAM	50	0	22.54	22.74	22.61	0.1452	0.1521	0.1476
10	64QAM	1	0	22.45	22.64	22.60	0.1422	0.1486	0.1472
10	64QAM	1	25	22.50	22.70	22.74	0.1439	0.1507	0.1521

10	64QAM	1	49	22.48	22.68	22.65	0.1432	0.1500	0.1489
10	64QAM	25	0	21.51	21.72	21.60	0.1146	0.1202	0.1169
10	64QAM	25	12	21.50	21.64	21.69	0.1143	0.1180	0.1194
10	64QAM	25	25	21.41	21.61	21.67	0.1119	0.1172	0.1189
10	64QAM	50	0	21.44	21.75	21.71	0.1127	0.1211	0.1199
10	256QAM	1	0	19.49	19.74	19.75	0.0719	0.0762	0.0764
10	256QAM	1	25	19.51	19.74	19.57	0.0723	0.0762	0.0733
10	256QAM	1	49	19.54	19.77	19.73	0.0728	0.0767	0.0760
10	256QAM	25	0	19.47	19.63	19.57	0.0716	0.0743	0.0733
10	256QAM	25	12	19.46	19.70	19.67	0.0714	0.0755	0.0750
10	256QAM	25	25	19.46	19.73	19.75	0.0714	0.0760	0.0764
10	256QAM	50	0	19.46	19.65	19.67	0.0714	0.0746	0.0750
Channel				18625	18900	19175	EIRP(W)		
Frequency (MHz)				1852.5	1880	1907.5	L	M	H
5	QPSK	1	0	24.01	24.24	24.18	0.2037	0.2148	0.2118
5	QPSK	1	12	24.07	24.10	24.12	0.2065	0.2080	0.2089
5	QPSK	1	24	24.01	24.11	24.07	0.2037	0.2084	0.2065
5	QPSK	12	0	23.44	23.71	23.57	0.1786	0.1901	0.1841
5	QPSK	12	7	23.52	23.67	23.58	0.1820	0.1884	0.1845
5	QPSK	12	13	23.45	23.67	23.67	0.1791	0.1884	0.1884
5	QPSK	25	0	23.41	23.68	23.71	0.1774	0.1888	0.1901
5	16QAM	1	0	23.41	23.73	23.63	0.1774	0.1910	0.1866
5	16QAM	1	12	23.55	23.72	23.78	0.1832	0.1905	0.1932
5	16QAM	1	24	23.43	23.66	23.62	0.1782	0.1879	0.1862
5	16QAM	12	0	22.42	22.68	22.64	0.1413	0.1500	0.1486
5	16QAM	12	7	22.49	22.72	22.65	0.1435	0.1514	0.1489
5	16QAM	12	13	22.52	22.67	22.62	0.1445	0.1496	0.1479
5	16QAM	25	0	22.55	22.69	22.58	0.1455	0.1503	0.1466
5	64QAM	1	0	22.49	22.67	22.58	0.1435	0.1496	0.1466
5	64QAM	1	12	22.50	22.64	22.68	0.1439	0.1486	0.1500
5	64QAM	1	24	22.46	22.71	22.76	0.1426	0.1510	0.1528
5	64QAM	12	0	21.56	21.70	21.68	0.1159	0.1197	0.1191
5	64QAM	12	7	21.57	21.64	21.62	0.1161	0.1180	0.1175
5	64QAM	12	13	21.49	21.70	21.58	0.1140	0.1197	0.1164
5	64QAM	25	0	21.39	21.69	21.70	0.1114	0.1194	0.1197
5	256QAM	1	0	19.47	19.74	19.68	0.0716	0.0762	0.0752
5	256QAM	1	12	19.52	19.76	19.58	0.0724	0.0766	0.0735
5	256QAM	1	24	19.46	19.73	19.64	0.0714	0.0760	0.0745
5	256QAM	12	0	19.38	19.73	19.54	0.0701	0.0760	0.0728
5	256QAM	12	7	19.56	19.61	19.67	0.0731	0.0740	0.0750
5	256QAM	12	13	19.50	19.81	19.77	0.0721	0.0774	0.0767
5	256QAM	25	0	19.42	19.66	19.60	0.0708	0.0748	0.0738
Channel				18615	18900	19185	EIRP(W)		
Frequency (MHz)				1851.5	1880	1908.5	L	M	H
3	QPSK	1	0	23.97	24.22	24.18	0.2018	0.2138	0.2118

3	QPSK	1	8	24.00	24.19	24.21	0.2032	0.2123	0.2133
3	QPSK	1	14	24.07	24.14	24.15	0.2065	0.2099	0.2104
3	QPSK	8	0	23.42	23.67	23.66	0.1778	0.1884	0.1879
3	QPSK	8	4	23.47	23.71	23.59	0.1799	0.1901	0.1849
3	QPSK	8	7	23.53	23.77	23.72	0.1824	0.1928	0.1905
3	QPSK	15	0	23.41	23.67	23.73	0.1774	0.1884	0.1910
3	16QAM	1	0	23.45	23.68	23.57	0.1791	0.1888	0.1841
3	16QAM	1	8	23.59	23.69	23.66	0.1849	0.1892	0.1879
3	16QAM	1	14	23.44	23.65	23.61	0.1786	0.1875	0.1858
3	16QAM	8	0	22.43	22.60	22.75	0.1416	0.1472	0.1524
3	16QAM	8	4	22.42	22.78	22.65	0.1413	0.1535	0.1489
3	16QAM	8	7	22.46	22.70	22.64	0.1426	0.1507	0.1486
3	16QAM	15	0	22.50	22.72	22.68	0.1439	0.1514	0.1500
3	64QAM	1	0	22.38	22.67	22.69	0.1400	0.1496	0.1503
3	64QAM	1	8	22.43	22.74	22.66	0.1416	0.1521	0.1493
3	64QAM	1	14	22.39	22.71	22.75	0.1403	0.1510	0.1524
3	64QAM	8	0	21.55	21.71	21.69	0.1156	0.1199	0.1194
3	64QAM	8	4	21.53	21.70	21.64	0.1151	0.1197	0.1180
3	64QAM	8	7	21.48	21.62	21.64	0.1138	0.1175	0.1180
3	64QAM	15	0	21.46	21.71	21.71	0.1132	0.1199	0.1199
3	256QAM	1	0	19.47	19.83	19.70	0.0716	0.0778	0.0755
3	256QAM	1	8	19.50	19.74	19.60	0.0721	0.0762	0.0738
3	256QAM	1	14	19.44	19.71	19.70	0.0711	0.0757	0.0755
3	256QAM	8	0	19.38	19.73	19.56	0.0701	0.0760	0.0731
3	256QAM	8	4	19.45	19.71	19.58	0.0713	0.0757	0.0735
3	256QAM	8	7	19.43	19.72	19.64	0.0710	0.0759	0.0745
3	256QAM	15	0	19.50	19.75	19.58	0.0721	0.0764	0.0735
Channel				18607	18900	19193	EIRP(W)		
Frequency (MHz)				1850.7	1880	1909.3	L	M	H
1.4	QPSK	1	0	23.95	24.25	24.11	0.2009	0.2153	0.2084
1.4	QPSK	1	3	24.02	24.15	24.13	0.2042	0.2104	0.2094
1.4	QPSK	1	5	24.06	24.15	24.09	0.2061	0.2104	0.2075
1.4	QPSK	3	0	23.84	24.13	24.12	0.1959	0.2094	0.2089
1.4	QPSK	3	1	24.04	24.20	24.14	0.2051	0.2128	0.2099
1.4	QPSK	3	3	23.98	24.23	24.28	0.2023	0.2143	0.2168
1.4	QPSK	6	0	23.40	23.61	23.61	0.1770	0.1858	0.1858
1.4	16QAM	1	0	23.47	23.70	23.67	0.1799	0.1897	0.1884
1.4	16QAM	1	3	23.56	23.66	23.68	0.1837	0.1879	0.1888
1.4	16QAM	1	5	23.42	23.61	23.62	0.1778	0.1858	0.1862
1.4	16QAM	3	0	23.42	23.63	23.67	0.1778	0.1866	0.1884
1.4	16QAM	3	1	23.46	23.74	23.71	0.1795	0.1914	0.1901
1.4	16QAM	3	3	23.43	23.60	23.72	0.1782	0.1854	0.1905
1.4	16QAM	6	0	22.54	22.75	22.61	0.1452	0.1524	0.1476
1.4	64QAM	1	0	22.39	22.66	22.67	0.1403	0.1493	0.1496
1.4	64QAM	1	3	22.55	22.66	22.71	0.1455	0.1493	0.1510

1.4	64QAM	1	5	22.40	22.66	22.77	0.1406	0.1493	0.1531
1.4	64QAM	3	0	22.58	22.77	22.68	0.1466	0.1531	0.1500
1.4	64QAM	3	1	22.56	22.73	22.68	0.1459	0.1517	0.1500
1.4	64QAM	3	3	22.52	22.64	22.59	0.1445	0.1486	0.1469
1.4	64QAM	6	0	21.42	21.68	21.72	0.1122	0.1191	0.1202
1.4	256QAM	1	0	19.42	19.77	19.65	0.0708	0.0767	0.0746
1.4	256QAM	1	3	19.46	19.72	19.60	0.0714	0.0759	0.0738
1.4	256QAM	1	5	19.52	19.64	19.67	0.0724	0.0745	0.0750
1.4	256QAM	3	0	19.37	19.70	19.56	0.0700	0.0755	0.0731
1.4	256QAM	3	1	19.49	19.61	19.63	0.0719	0.0740	0.0743
1.4	256QAM	3	3	19.53	19.78	19.78	0.0726	0.0769	0.0769
1.4	256QAM	6	0	19.42	19.70	19.59	0.0708	0.0755	0.0736

LTE Band 4_ANT3

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	23.47	23.55	23.54	0.1633	0.1663	0.1660
20	QPSK	1	49	23.33	23.50	23.45	0.1581	0.1644	0.1626
20	QPSK	1	99	23.39	23.52	23.39	0.1603	0.1652	0.1603
20	QPSK	50	0	22.42	22.53	22.48	0.1282	0.1315	0.1300
20	QPSK	50	24	22.34	22.51	22.47	0.1259	0.1309	0.1297
20	QPSK	50	50	22.41	22.51	22.36	0.1279	0.1309	0.1265
20	QPSK	100	0	22.41	22.51	22.38	0.1279	0.1309	0.1271
20	16QAM	1	0	22.44	22.58	22.47	0.1288	0.1330	0.1297
20	16QAM	1	49	22.43	22.59	22.45	0.1285	0.1334	0.1291
20	16QAM	1	99	22.50	22.59	22.45	0.1306	0.1334	0.1291
20	16QAM	50	0	21.37	21.55	21.52	0.1007	0.1050	0.1042
20	16QAM	50	24	21.36	21.58	21.49	0.1005	0.1057	0.1035
20	16QAM	50	50	21.33	21.54	21.48	0.0998	0.1047	0.1033
20	16QAM	100	0	21.35	21.53	21.45	0.1002	0.1045	0.1026
20	64QAM	1	0	21.34	21.51	21.46	0.1000	0.1040	0.1028
20	64QAM	1	49	21.25	21.45	21.34	0.0979	0.1026	0.1000
20	64QAM	1	99	21.42	21.54	21.42	0.1019	0.1047	0.1019
20	64QAM	50	0	20.40	20.59	20.49	0.0805	0.0841	0.0822
20	64QAM	50	24	20.36	20.56	20.53	0.0798	0.0836	0.0830
20	64QAM	50	50	20.43	20.58	20.45	0.0811	0.0839	0.0815
20	64QAM	100	0	20.43	20.60	20.57	0.0811	0.0843	0.0838
20	256QAM	1	0	18.39	18.56	18.47	0.0507	0.0527	0.0516
20	256QAM	1	49	18.36	18.57	18.50	0.0504	0.0528	0.0520
20	256QAM	1	99	18.51	18.58	18.56	0.0521	0.0530	0.0527
20	256QAM	50	0	18.34	18.44	18.33	0.0501	0.0513	0.0500
20	256QAM	50	24	18.28	18.47	18.40	0.0494	0.0516	0.0508
20	256QAM	50	50	18.49	18.61	18.55	0.0519	0.0533	0.0526

20	256QAM	100	0	18.39	18.47	18.41	0.0507	0.0516	0.0509
Channel				20025	20175	20325	EIRP(W)		
Frequency (MHz)				1717.5	1732.5	1747.5	L	M	H
15	QPSK	1	0	23.37	23.40	23.50	0.1596	0.1607	0.1644
15	QPSK	1	37	23.22	23.48	23.40	0.1542	0.1637	0.1607
15	QPSK	1	74	23.35	23.41	23.32	0.1589	0.1611	0.1578
15	QPSK	36	0	22.33	22.51	22.45	0.1256	0.1309	0.1291
15	QPSK	36	20	22.25	22.49	22.33	0.1233	0.1303	0.1256
15	QPSK	36	39	22.30	22.49	22.25	0.1247	0.1303	0.1233
15	QPSK	75	0	22.39	22.46	22.34	0.1274	0.1294	0.1259
15	16QAM	1	0	22.43	22.48	22.40	0.1285	0.1300	0.1276
15	16QAM	1	37	22.38	22.52	22.42	0.1271	0.1312	0.1282
15	16QAM	1	74	22.37	22.56	22.35	0.1268	0.1324	0.1262
15	16QAM	36	0	21.25	21.42	21.37	0.0979	0.1019	0.1007
15	16QAM	36	20	21.28	21.52	21.42	0.0986	0.1042	0.1019
15	16QAM	36	39	21.29	21.43	21.37	0.0989	0.1021	0.1007
15	16QAM	75	0	21.31	21.46	21.31	0.0993	0.1028	0.0993
15	64QAM	1	0	21.28	21.43	21.35	0.0986	0.1021	0.1002
15	64QAM	1	37	21.18	21.40	21.22	0.0964	0.1014	0.0973
15	64QAM	1	74	21.36	21.46	21.34	0.1005	0.1028	0.1000
15	64QAM	36	0	20.38	20.49	20.43	0.0802	0.0822	0.0811
15	64QAM	36	20	20.29	20.49	20.51	0.0785	0.0822	0.0826
15	64QAM	36	39	20.41	20.46	20.33	0.0807	0.0817	0.0793
15	64QAM	75	0	20.41	20.55	20.53	0.0807	0.0834	0.0830
15	256QAM	1	0	18.37	18.42	18.45	0.0505	0.0511	0.0514
15	256QAM	1	37	18.24	18.51	18.48	0.0490	0.0521	0.0518
15	256QAM	1	74	18.43	18.54	18.42	0.0512	0.0525	0.0511
15	256QAM	36	0	18.31	18.34	18.23	0.0498	0.0501	0.0489
15	256QAM	36	20	18.23	18.33	18.34	0.0489	0.0500	0.0501
15	256QAM	36	39	18.39	18.55	18.53	0.0507	0.0526	0.0524
15	256QAM	75	0	18.29	18.34	18.27	0.0495	0.0501	0.0493
Channel				20000	20175	20350	EIRP(W)		
Frequency (MHz)				1715	1732.5	1750	L	M	H
10	QPSK	1	0	23.35	23.43	23.50	0.1589	0.1618	0.1644
10	QPSK	1	25	23.28	23.36	23.35	0.1563	0.1592	0.1589
10	QPSK	1	49	23.26	23.43	23.25	0.1556	0.1618	0.1552
10	QPSK	25	0	22.38	22.41	22.46	0.1271	0.1279	0.1294
10	QPSK	25	12	22.32	22.50	22.40	0.1253	0.1306	0.1276
10	QPSK	25	25	22.28	22.48	22.23	0.1242	0.1300	0.1227
10	QPSK	50	0	22.32	22.47	22.35	0.1253	0.1297	0.1262
10	16QAM	1	0	22.32	22.51	22.41	0.1253	0.1309	0.1279
10	16QAM	1	25	22.40	22.50	22.40	0.1276	0.1306	0.1276
10	16QAM	1	49	22.43	22.45	22.32	0.1285	0.1291	0.1253
10	16QAM	25	0	21.31	21.47	21.37	0.0993	0.1030	0.1007
10	16QAM	25	12	21.33	21.51	21.45	0.0998	0.1040	0.1026

10	16QAM	25	25	21.29	21.52	21.37	0.0989	0.1042	0.1007
10	16QAM	50	0	21.29	21.49	21.36	0.0989	0.1035	0.1005
10	64QAM	1	0	21.22	21.37	21.38	0.0973	0.1007	0.1009
10	64QAM	1	25	21.20	21.30	21.24	0.0968	0.0991	0.0977
10	64QAM	1	49	21.36	21.42	21.39	0.1005	0.1019	0.1012
10	64QAM	25	0	20.29	20.46	20.41	0.0785	0.0817	0.0807
10	64QAM	25	12	20.33	20.46	20.45	0.0793	0.0817	0.0815
10	64QAM	25	25	20.34	20.45	20.36	0.0794	0.0815	0.0798
10	64QAM	50	0	20.39	20.57	20.56	0.0804	0.0838	0.0836
10	256QAM	1	0	18.38	18.54	18.46	0.0506	0.0525	0.0515
10	256QAM	1	25	18.30	18.54	18.41	0.0497	0.0525	0.0509
10	256QAM	1	49	18.37	18.53	18.50	0.0505	0.0524	0.0520
10	256QAM	25	0	18.24	18.37	18.31	0.0490	0.0505	0.0498
10	256QAM	25	12	18.15	18.39	18.26	0.0480	0.0507	0.0492
10	256QAM	25	25	18.45	18.59	18.41	0.0514	0.0531	0.0509
10	256QAM	50	0	18.28	18.46	18.39	0.0494	0.0515	0.0507
Channel				19975	20175	20375	EIRP(W)		
Frequency (MHz)				1712.5	1732.5	1752.5	L	M	H
5	QPSK	1	0	23.33	23.53	23.45	0.1581	0.1656	0.1626
5	QPSK	1	12	23.26	23.41	23.31	0.1556	0.1611	0.1574
5	QPSK	1	24	23.25	23.45	23.30	0.1552	0.1626	0.1570
5	QPSK	12	0	22.38	22.40	22.36	0.1271	0.1276	0.1265
5	QPSK	12	7	22.32	22.47	22.37	0.1253	0.1297	0.1268
5	QPSK	12	13	22.32	22.47	22.32	0.1253	0.1297	0.1253
5	QPSK	25	0	22.32	22.42	22.24	0.1253	0.1282	0.1230
5	16QAM	1	0	22.41	22.46	22.37	0.1279	0.1294	0.1268
5	16QAM	1	12	22.33	22.49	22.42	0.1256	0.1303	0.1282
5	16QAM	1	24	22.44	22.45	22.35	0.1288	0.1291	0.1262
5	16QAM	12	0	21.35	21.40	21.44	0.1002	0.1014	0.1023
5	16QAM	12	7	21.26	21.49	21.37	0.0982	0.1035	0.1007
5	16QAM	12	13	21.26	21.45	21.35	0.0982	0.1026	0.1002
5	16QAM	25	0	21.27	21.46	21.42	0.0984	0.1028	0.1019
5	64QAM	1	0	21.25	21.45	21.41	0.0979	0.1026	0.1016
5	64QAM	1	12	21.11	21.43	21.29	0.0948	0.1021	0.0989
5	64QAM	1	24	21.38	21.52	21.38	0.1009	0.1042	0.1009
5	64QAM	12	0	20.35	20.49	20.40	0.0796	0.0822	0.0805
5	64QAM	12	7	20.30	20.54	20.49	0.0787	0.0832	0.0822
5	64QAM	12	13	20.38	20.49	20.36	0.0802	0.0822	0.0798
5	64QAM	25	0	20.40	20.48	20.51	0.0805	0.0820	0.0826
5	256QAM	1	0	18.28	18.51	18.38	0.0494	0.0521	0.0506
5	256QAM	1	12	18.27	18.47	18.38	0.0493	0.0516	0.0506
5	256QAM	1	24	18.44	18.51	18.49	0.0513	0.0521	0.0519
5	256QAM	12	0	18.22	18.43	18.25	0.0488	0.0512	0.0491
5	256QAM	12	7	18.23	18.44	18.39	0.0489	0.0513	0.0507
5	256QAM	12	13	18.44	18.49	18.52	0.0513	0.0519	0.0522

5	256QAM	25	0	18.24	18.32	18.37	0.0490	0.0499	0.0505
Channel				19965	20175	20385	EIRP(W)		
Frequency (MHz)				1711.5	1732.5	1753.5	L	M	H
3	QPSK	1	0	23.44	23.44	23.40	0.1622	0.1622	0.1607
3	QPSK	1	8	23.27	23.43	23.44	0.1560	0.1618	0.1622
3	QPSK	1	14	23.38	23.50	23.25	0.1600	0.1644	0.1552
3	QPSK	8	0	22.37	22.49	22.44	0.1268	0.1303	0.1288
3	QPSK	8	4	22.29	22.50	22.34	0.1245	0.1306	0.1259
3	QPSK	8	7	22.29	22.36	22.26	0.1245	0.1265	0.1236
3	QPSK	15	0	22.29	22.47	22.32	0.1245	0.1297	0.1253
3	16QAM	1	0	22.31	22.56	22.45	0.1250	0.1324	0.1291
3	16QAM	1	8	22.35	22.48	22.37	0.1262	0.1300	0.1268
3	16QAM	1	14	22.44	22.48	22.42	0.1288	0.1300	0.1282
3	16QAM	8	0	21.27	21.40	21.41	0.0984	0.1014	0.1016
3	16QAM	8	4	21.26	21.45	21.44	0.0982	0.1026	0.1023
3	16QAM	8	7	21.30	21.53	21.45	0.0991	0.1045	0.1026
3	16QAM	15	0	21.25	21.44	21.37	0.0979	0.1023	0.1007
3	64QAM	1	0	21.20	21.47	21.44	0.0968	0.1030	0.1023
3	64QAM	1	8	21.16	21.43	21.29	0.0959	0.1021	0.0989
3	64QAM	1	14	21.38	21.40	21.34	0.1009	0.1014	0.1000
3	64QAM	8	0	20.27	20.45	20.42	0.0782	0.0815	0.0809
3	64QAM	8	4	20.30	20.52	20.49	0.0787	0.0828	0.0822
3	64QAM	8	7	20.30	20.51	20.33	0.0787	0.0826	0.0793
3	64QAM	15	0	20.30	20.49	20.43	0.0787	0.0822	0.0811
3	256QAM	1	0	18.30	18.47	18.44	0.0497	0.0516	0.0513
3	256QAM	1	8	18.28	18.47	18.39	0.0494	0.0516	0.0507
3	256QAM	1	14	18.45	18.56	18.46	0.0514	0.0527	0.0515
3	256QAM	8	0	18.27	18.38	18.23	0.0493	0.0506	0.0489
3	256QAM	8	4	18.13	18.44	18.32	0.0478	0.0513	0.0499
3	256QAM	8	7	18.43	18.49	18.41	0.0512	0.0519	0.0509
3	256QAM	15	0	18.31	18.41	18.38	0.0498	0.0509	0.0506
Channel				19950	20175	20393	EIRP(W)		
Frequency (MHz)				1710	1732.5	1754.3	L	M	H
1.4	QPSK	1	0	23.39	23.41	23.44	0.1603	0.1611	0.1622
1.4	QPSK	1	3	23.32	23.37	23.38	0.1578	0.1596	0.1600
1.4	QPSK	1	5	23.32	23.45	23.35	0.1578	0.1626	0.1589
1.4	QPSK	3	0	23.01	23.01	23.01	0.1469	0.1469	0.1469
1.4	QPSK	3	1	23.00	23.01	23.00	0.1466	0.1469	0.1466
1.4	QPSK	3	3	23.01	23.00	23.02	0.1469	0.1466	0.1472
1.4	QPSK	6	0	22.31	22.46	22.25	0.1250	0.1294	0.1233
1.4	16QAM	1	0	22.32	22.46	22.34	0.1253	0.1294	0.1259
1.4	16QAM	1	3	22.34	22.54	22.34	0.1259	0.1318	0.1259
1.4	16QAM	1	5	22.48	22.49	22.39	0.1300	0.1303	0.1274
1.4	16QAM	3	0	22.02	22.00	22.00	0.1169	0.1164	0.1164
1.4	16QAM	3	1	22.00	22.00	22.00	0.1164	0.1164	0.1164

1.4	16QAM	3	3	22.02	22.00	22.02	0.1169	0.1164	0.1169
1.4	16QAM	6	0	21.33	21.39	21.43	0.0998	0.1012	0.1021
1.4	64QAM	1	0	21.22	21.40	21.45	0.0973	0.1014	0.1026
1.4	64QAM	1	3	21.13	21.36	21.29	0.0953	0.1005	0.0989
1.4	64QAM	1	5	21.32	21.44	21.34	0.0995	0.1023	0.1000
1.4	64QAM	3	0	21.00	21.00	21.02	0.0925	0.0925	0.0929
1.4	64QAM	3	1	21.00	21.00	21.00	0.0925	0.0925	0.0925
1.4	64QAM	3	3	21.00	21.00	21.01	0.0925	0.0925	0.0927
1.4	64QAM	6	0	20.37	20.57	20.52	0.0800	0.0838	0.0828
1.4	256QAM	1	0	18.29	18.46	18.35	0.0495	0.0515	0.0502
1.4	256QAM	1	3	18.33	18.44	18.42	0.0500	0.0513	0.0511
1.4	256QAM	1	5	18.39	18.47	18.47	0.0507	0.0516	0.0516
1.4	256QAM	3	0	18.20	18.39	18.28	0.0485	0.0507	0.0494
1.4	256QAM	3	1	18.17	18.41	18.36	0.0482	0.0509	0.0504
1.4	256QAM	3	3	18.35	18.50	18.52	0.0502	0.0520	0.0522
1.4	256QAM	6	0	18.32	18.40	18.27	0.0499	0.0508	0.0493

LTE Band 5_ANT0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)		
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844	L	M	H
10	QPSK	1	0	24.40	24.44	24.36	0.0684	0.0690	0.0678
10	QPSK	1	25	24.33	24.40	24.21	0.0673	0.0684	0.0655
10	QPSK	1	49	24.29	24.37	24.15	0.0667	0.0679	0.0646
10	QPSK	25	0	23.21	23.33	23.24	0.0520	0.0535	0.0524
10	QPSK	25	12	23.18	23.29	23.11	0.0516	0.0530	0.0508
10	QPSK	25	25	23.05	23.19	22.99	0.0501	0.0518	0.0494
10	QPSK	50	0	23.25	23.31	23.16	0.0525	0.0532	0.0514
10	16QAM	1	0	23.12	23.22	23.02	0.0509	0.0521	0.0498
10	16QAM	1	25	23.07	23.13	22.96	0.0504	0.0511	0.0491
10	16QAM	1	49	22.94	23.10	22.97	0.0489	0.0507	0.0492
10	16QAM	25	0	22.15	22.31	22.16	0.0407	0.0423	0.0408
10	16QAM	25	12	22.14	22.19	22.06	0.0406	0.0411	0.0399
10	16QAM	25	25	22.04	22.20	22.00	0.0397	0.0412	0.0394
10	16QAM	50	0	22.28	22.33	22.16	0.0420	0.0425	0.0408
10	64QAM	1	0	21.94	22.05	21.88	0.0388	0.0398	0.0383
10	64QAM	1	25	21.83	21.93	21.82	0.0378	0.0387	0.0378
10	64QAM	1	49	21.92	22.00	21.92	0.0386	0.0394	0.0386
10	64QAM	25	0	21.15	21.31	21.21	0.0324	0.0336	0.0328
10	64QAM	25	12	21.09	21.19	21.09	0.0319	0.0327	0.0319
10	64QAM	25	25	21.14	21.27	21.08	0.0323	0.0333	0.0318
10	64QAM	50	0	21.23	21.30	21.12	0.0330	0.0335	0.0321
10	256QAM	1	0	19.35	19.50	19.41	0.0214	0.0221	0.0217
10	256QAM	1	25	19.25	19.38	19.20	0.0209	0.0215	0.0207

10	256QAM	1	49	19.35	19.44	19.35	0.0214	0.0218	0.0214
10	256QAM	25	0	19.16	19.31	19.19	0.0205	0.0212	0.0206
10	256QAM	25	12	19.08	19.18	19.09	0.0201	0.0206	0.0201
10	256QAM	25	25	19.13	19.17	19.06	0.0203	0.0205	0.0200
10	256QAM	50	0	19.15	19.30	19.15	0.0204	0.0211	0.0204
Channel				20425	20525	20625	ERP(W)		
Frequency (MHz)				826.5	836.5	846.5	L	M	H
5	QPSK	1	0	24.37	24.37	24.28	0.0679	0.0679	0.0665
5	QPSK	1	12	24.28	24.28	24.10	0.0665	0.0665	0.0638
5	QPSK	1	24	24.27	24.32	24.10	0.0664	0.0671	0.0638
5	QPSK	12	0	23.16	23.31	23.19	0.0514	0.0532	0.0518
5	QPSK	12	7	23.17	23.19	23.08	0.0515	0.0518	0.0505
5	QPSK	12	13	23.02	23.15	22.94	0.0498	0.0513	0.0489
5	QPSK	25	0	23.12	23.18	23.13	0.0509	0.0516	0.0511
5	16QAM	1	0	23.07	23.15	22.89	0.0504	0.0513	0.0483
5	16QAM	1	12	22.92	23.04	22.86	0.0486	0.0500	0.0480
5	16QAM	1	24	22.91	23.01	22.91	0.0485	0.0497	0.0485
5	16QAM	12	0	22.12	22.29	22.09	0.0405	0.0421	0.0402
5	16QAM	12	7	22.12	22.09	21.99	0.0405	0.0402	0.0393
5	16QAM	12	13	22.01	22.13	21.94	0.0394	0.0406	0.0388
5	16QAM	25	0	22.15	22.29	22.14	0.0407	0.0421	0.0406
5	64QAM	1	0	21.82	21.91	21.77	0.0378	0.0385	0.0373
5	64QAM	1	12	21.82	21.89	21.75	0.0378	0.0384	0.0372
5	64QAM	1	24	21.84	21.89	21.80	0.0379	0.0384	0.0376
5	64QAM	12	0	21.02	21.26	21.07	0.0314	0.0332	0.0318
5	64QAM	12	7	21.02	21.07	20.97	0.0314	0.0318	0.0310
5	64QAM	12	13	21.08	21.21	20.96	0.0318	0.0328	0.0310
5	64QAM	25	0	21.19	21.18	21.08	0.0327	0.0326	0.0318
5	256QAM	1	0	19.23	19.44	19.29	0.0208	0.0218	0.0211
5	256QAM	1	12	19.20	19.36	19.08	0.0207	0.0214	0.0201
5	256QAM	1	24	19.28	19.38	19.22	0.0210	0.0215	0.0207
5	256QAM	12	0	19.15	19.21	19.17	0.0204	0.0207	0.0205
5	256QAM	12	7	19.04	19.09	19.01	0.0199	0.0201	0.0198
5	256QAM	12	13	19.10	19.07	19.02	0.0202	0.0200	0.0198
5	256QAM	25	0	19.10	19.17	19.11	0.0202	0.0205	0.0202
Channel				20415	20525	20635	ERP(W)		
Frequency (MHz)				825.5	836.5	847.5	L	M	H
3	QPSK	1	0	24.26	24.41	24.33	0.0662	0.0685	0.0673
3	QPSK	1	8	24.31	24.26	24.09	0.0670	0.0662	0.0637
3	QPSK	1	14	24.27	24.22	24.10	0.0664	0.0656	0.0638
3	QPSK	8	0	23.08	23.25	23.16	0.0505	0.0525	0.0514
3	QPSK	8	4	23.09	23.20	23.07	0.0506	0.0519	0.0504
3	QPSK	8	7	23.02	23.11	22.89	0.0498	0.0508	0.0483
3	QPSK	15	0	23.19	23.30	23.11	0.0518	0.0531	0.0508
3	16QAM	1	0	23.01	23.07	22.99	0.0497	0.0504	0.0494

3	16QAM	1	8	22.93	23.03	22.95	0.0488	0.0499	0.0490
3	16QAM	1	14	22.91	22.98	22.89	0.0485	0.0493	0.0483
3	16QAM	8	0	22.03	22.28	22.03	0.0396	0.0420	0.0396
3	16QAM	8	4	21.99	22.15	21.99	0.0393	0.0407	0.0393
3	16QAM	8	7	21.93	22.13	21.96	0.0387	0.0406	0.0390
3	16QAM	15	0	22.16	22.21	22.04	0.0408	0.0413	0.0397
3	64QAM	1	0	21.80	22.02	21.78	0.0376	0.0395	0.0374
3	64QAM	1	8	21.73	21.89	21.69	0.0370	0.0384	0.0366
3	64QAM	1	14	21.79	21.94	21.78	0.0375	0.0388	0.0374
3	64QAM	8	0	21.07	21.17	21.14	0.0318	0.0325	0.0323
3	64QAM	8	4	21.04	21.17	21.03	0.0316	0.0325	0.0315
3	64QAM	8	7	21.10	21.19	20.95	0.0320	0.0327	0.0309
3	64QAM	15	0	21.17	21.17	21.07	0.0325	0.0325	0.0318
3	256QAM	1	0	19.21	19.46	19.31	0.0207	0.0219	0.0212
3	256QAM	1	8	19.21	19.31	19.09	0.0207	0.0212	0.0201
3	256QAM	1	14	19.21	19.39	19.24	0.0207	0.0216	0.0208
3	256QAM	8	0	19.05	19.27	19.07	0.0200	0.0210	0.0200
3	256QAM	8	4	19.04	19.10	18.95	0.0199	0.0202	0.0195
3	256QAM	8	7	19.07	19.13	18.91	0.0200	0.0203	0.0193
3	256QAM	15	0	19.00	19.16	19.11	0.0197	0.0205	0.0202
Channel				20407	20525	20643	ERP(W)		
Frequency (MHz)				824.7	836.5	848.3	L	M	H
1.4	QPSK	1	0	24.25	24.40	24.12	0.0661	0.0684	0.0641
1.4	QPSK	1	3	24.26	24.27	24.30	0.0662	0.0664	0.0668
1.4	QPSK	1	5	24.35	24.19	24.18	0.0676	0.0652	0.0650
1.4	QPSK	3	0	24.32	24.41	24.24	0.0671	0.0685	0.0659
1.4	QPSK	3	1	24.16	24.39	24.32	0.0647	0.0682	0.0671
1.4	QPSK	3	3	24.35	24.19	24.29	0.0676	0.0652	0.0667
1.4	QPSK	6	0	23.41	23.74	23.52	0.0545	0.0587	0.0558
1.4	16QAM	1	0	23.49	23.46	23.34	0.0555	0.0551	0.0536
1.4	16QAM	1	3	23.36	23.48	23.38	0.0538	0.0553	0.0541
1.4	16QAM	1	5	23.12	23.18	23.15	0.0509	0.0516	0.0513
1.4	16QAM	3	0	23.11	23.24	23.11	0.0508	0.0524	0.0508
1.4	16QAM	3	1	23.01	22.99	23.05	0.0497	0.0494	0.0501
1.4	16QAM	3	3	22.91	23.31	23.09	0.0485	0.0532	0.0506
1.4	16QAM	6	0	22.24	22.26	22.37	0.0416	0.0418	0.0429
1.4	64QAM	1	0	22.20	22.22	22.25	0.0412	0.0414	0.0417
1.4	64QAM	1	3	22.12	22.31	22.24	0.0405	0.0423	0.0416
1.4	64QAM	1	5	22.26	22.64	22.37	0.0418	0.0456	0.0429
1.4	64QAM	3	0	22.12	22.33	22.07	0.0405	0.0425	0.0400
1.4	64QAM	3	1	21.99	22.11	22.12	0.0393	0.0404	0.0405
1.4	64QAM	3	3	21.99	22.33	21.96	0.0393	0.0425	0.0390
1.4	64QAM	6	0	21.18	21.39	21.41	0.0326	0.0342	0.0344
1.4	256QAM	1	0	19.20	19.31	19.10	0.0207	0.0212	0.0202
1.4	256QAM	1	3	19.16	19.21	19.23	0.0205	0.0207	0.0208

1.4	256QAM	1	5	19.13	19.06	19.05	0.0203	0.0200	0.0200
1.4	256QAM	3	0	19.27	19.27	19.25	0.0210	0.0210	0.0209
1.4	256QAM	3	1	19.23	19.34	19.23	0.0208	0.0213	0.0208
1.4	256QAM	3	3	19.15	19.36	19.09	0.0204	0.0214	0.0201
1.4	256QAM	6	0	19.33	19.51	19.39	0.0213	0.0222	0.0216

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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	24.44	24.52	24.35	24.25	0.0690	0.0703	0.0676	0.0661
15	QPSK	1	37	24.26	24.17	24.27	24.00	0.0662	0.0649	0.0664	0.0624
15	QPSK	1	74	24.30	24.25	24.26	24.10	0.0668	0.0661	0.0662	0.0638
15	QPSK	36	0	24.38	23.30	24.37	23.07	0.0681	0.0531	0.0679	0.0504
15	QPSK	36	20	24.38	23.14	24.37	22.95	0.0681	0.0512	0.0679	0.0490
15	QPSK	36	39	24.29	23.05	24.20	22.90	0.0667	0.0501	0.0653	0.0484
15	QPSK	75	0	23.61	23.34	23.67	23.05	0.0570	0.0536	0.0578	0.0501
15	16QAM	1	0	23.43	23.52	23.43	23.35	0.0547	0.0558	0.0547	0.0537
15	16QAM	1	37	23.36	23.44	23.44	23.24	0.0538	0.0548	0.0548	0.0524
15	16QAM	1	74	23.30	23.37	23.25	23.24	0.0531	0.0540	0.0525	0.0524
15	16QAM	36	0	23.13	22.25	23.13	22.14	0.0511	0.0417	0.0511	0.0406
15	16QAM	36	20	22.94	22.13	22.94	22.03	0.0489	0.0406	0.0489	0.0396
15	16QAM	36	39	23.22	22.12	23.30	21.93	0.0521	0.0405	0.0531	0.0387
15	16QAM	75	0	22.29	22.26	22.24	22.16	0.0421	0.0418	0.0416	0.0408
15	64QAM	1	0	22.21	22.40	22.28	22.26	0.0413	0.0432	0.0420	0.0418
15	64QAM	1	37	22.40	22.26	22.36	22.12	0.0432	0.0418	0.0428	0.0405
15	64QAM	1	74	22.60	22.33	22.54	22.21	0.0452	0.0425	0.0446	0.0413
15	64QAM	36	0	22.44	21.25	22.44	21.06	0.0436	0.0331	0.0436	0.0317
15	64QAM	36	20	22.24	21.30	22.15	21.17	0.0416	0.0335	0.0407	0.0325
15	64QAM	36	39	22.36	21.23	22.37	21.03	0.0428	0.0330	0.0429	0.0315
15	64QAM	75	0	21.34	21.27	21.44	21.14	0.0338	0.0333	0.0346	0.0323
15	256QAM	1	0	19.37	19.44	19.34	19.34	0.0215	0.0218	0.0213	0.0213
15	256QAM	1	37	19.24	19.41	19.22	19.21	0.0208	0.0217	0.0207	0.0207
15	256QAM	1	74	19.07	19.39	18.96	19.20	0.0200	0.0216	0.0195	0.0207
15	256QAM	36	0	19.26	19.30	19.28	19.24	0.0209	0.0211	0.0210	0.0208
15	256QAM	36	20	19.29	19.28	19.25	19.14	0.0211	0.0210	0.0209	0.0204
15	256QAM	36	39	19.46	19.29	19.38	19.20	0.0219	0.0211	0.0215	0.0207
15	256QAM	75	0	19.36	19.21	19.36	19.10	0.0214	0.0207	0.0214	0.0202
Channel				26790	26840	26915	26990	ERP(W)			
Frequency (MHz)				824	829	836.5	844	Straddle Ch	L	M	H
10	QPSK	1	0	/	24.16	24.43	24.19	/	0.0647	0.0689	0.0652
10	QPSK	1	25		24.14	24.25	23.99		0.0644	0.0661	0.0622

10	QPSK	1	49		24.19	24.31	23.97		0.0652	0.0670	0.0619
10	QPSK	25	0		23.14	24.36	23.02		0.0512	0.0678	0.0498
10	QPSK	25	12		23.00	24.40	22.82		0.0495	0.0684	0.0475
10	QPSK	25	25		22.98	24.28	22.81		0.0493	0.0665	0.0474
10	QPSK	50	0		23.16	23.63	23.01		0.0514	0.0573	0.0497
10	16QAM	1	0		23.38	23.42	23.21		0.0541	0.0546	0.0520
10	16QAM	1	25		23.34	23.37	23.17		0.0536	0.0540	0.0515
10	16QAM	1	49		23.23	23.29	23.17		0.0522	0.0530	0.0515
10	16QAM	25	0		22.15	23.12	22.02		0.0407	0.0509	0.0395
10	16QAM	25	12		22.01	22.97	21.94		0.0394	0.0492	0.0388
10	16QAM	25	25		22.00	23.29	21.79		0.0394	0.0530	0.0375
10	16QAM	50	0		22.22	22.31	22.12		0.0414	0.0423	0.0405
10	64QAM	1	0		22.34	22.24	22.25		0.0426	0.0416	0.0417
10	64QAM	1	25		22.12	22.33	22.02		0.0405	0.0425	0.0395
10	64QAM	1	49		22.19	22.60	22.12		0.0411	0.0452	0.0405
10	64QAM	25	0		21.13	22.48	20.94		0.0322	0.0440	0.0308
10	64QAM	25	12		21.16	22.22	21.06		0.0324	0.0414	0.0317
10	64QAM	25	25		21.18	22.33	20.94		0.0326	0.0425	0.0308
10	64QAM	50	0		21.13	21.36	21.01		0.0322	0.0340	0.0313
10	256QAM	1	0		19.37	19.32	19.23		0.0215	0.0212	0.0208
10	256QAM	1	25		19.37	19.16	19.07		0.0215	0.0205	0.0200
10	256QAM	1	49		19.24	18.99	19.19		0.0208	0.0197	0.0206
10	256QAM	25	0		19.19	19.24	19.15		0.0206	0.0208	0.0204
10	256QAM	25	12		19.25	19.22	19.00		0.0209	0.0207	0.0197
10	256QAM	25	25		19.20	19.49	19.07		0.0207	0.0221	0.0200
10	256QAM	50	0		19.14	19.39	19.01		0.0204	0.0216	0.0198
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		24.21	24.40	24.12		0.0655	0.0684	0.0641
5	QPSK	1	12		24.16	24.27	23.96		0.0647	0.0664	0.0618
5	QPSK	1	24		24.19	24.29	24.03		0.0652	0.0667	0.0628
5	QPSK	12	0		23.21	24.46	23.01		0.0520	0.0693	0.0497
5	QPSK	12	7		22.99	24.40	22.81		0.0494	0.0684	0.0474
5	QPSK	12	13		23.03	24.27	22.87		0.0499	0.0664	0.0481
5	QPSK	25	0		23.14	23.66	22.98		0.0512	0.0577	0.0493
5	16QAM	1	0		23.43	23.46	23.32		0.0547	0.0551	0.0533
5	16QAM	1	12	/	23.39	23.38	23.09	/	0.0542	0.0541	0.0506
5	16QAM	1	24		23.30	23.30	23.15		0.0531	0.0531	0.0513
5	16QAM	12	0		22.20	23.11	22.04		0.0412	0.0508	0.0397
5	16QAM	12	7		22.06	22.85	22.01		0.0399	0.0479	0.0394
5	16QAM	12	13		21.99	23.24	21.88		0.0393	0.0524	0.0383
5	16QAM	25	0		22.20	22.26	22.06		0.0412	0.0418	0.0399
5	64QAM	1	0		22.33	22.24	22.12		0.0425	0.0416	0.0405
5	64QAM	1	12		22.20	22.34	22.09		0.0412	0.0426	0.0402
5	64QAM	1	24		22.26	22.51	22.07		0.0418	0.0443	0.0400

5	64QAM	12	0		21.20	22.38	20.96		0.0327	0.0430	0.0310
5	64QAM	12	7		21.25	22.16	21.03		0.0331	0.0408	0.0315
5	64QAM	12	13		21.08	22.36	20.97		0.0318	0.0428	0.0310
5	64QAM	25	0		21.16	21.41	21.07		0.0324	0.0344	0.0318
5	256QAM	1	0		19.36	19.30	19.33		0.0214	0.0211	0.0213
5	256QAM	1	12		19.33	19.17	19.13		0.0213	0.0205	0.0203
5	256QAM	1	24		19.28	19.05	19.10		0.0210	0.0200	0.0202
5	256QAM	12	0		19.17	19.35	19.20		0.0205	0.0214	0.0207
5	256QAM	12	7		19.26	19.28	19.07		0.0209	0.0210	0.0200
5	256QAM	12	13		19.15	19.44	19.09		0.0204	0.0218	0.0201
5	256QAM	25	0		19.19	19.46	19.00		0.0206	0.0219	0.0197
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		24.29	24.42	24.23		0.0667	0.0687	0.0658
3	QPSK	1	8		24.15	24.24	23.88		0.0646	0.0659	0.0607
3	QPSK	1	14		24.20	24.28	23.99		0.0653	0.0665	0.0622
3	QPSK	8	0		23.11	24.47	22.95		0.0508	0.0695	0.0490
3	QPSK	8	4		23.09	24.37	22.91		0.0506	0.0679	0.0485
3	QPSK	8	7		22.92	24.21	22.75		0.0486	0.0655	0.0468
3	QPSK	15	0		23.14	23.62	22.92		0.0512	0.0571	0.0486
3	16QAM	1	0		23.51	23.46	23.26		0.0557	0.0551	0.0526
3	16QAM	1	8		23.35	23.46	23.14		0.0537	0.0551	0.0512
3	16QAM	1	14		23.32	23.25	23.13		0.0533	0.0525	0.0511
3	16QAM	8	0		22.23	23.12	22.03		0.0415	0.0509	0.0396
3	16QAM	8	4		22.06	22.87	21.92		0.0399	0.0481	0.0386
3	16QAM	8	7		22.09	23.23	21.89		0.0402	0.0522	0.0384
3	16QAM	15	0		22.14	22.33	22.03		0.0406	0.0425	0.0396
3	64QAM	1	0	/	22.28	22.18	22.16	/	0.0420	0.0410	0.0408
3	64QAM	1	8		22.17	22.36	22.03		0.0409	0.0428	0.0396
3	64QAM	1	14		22.21	22.60	22.11		0.0413	0.0452	0.0404
3	64QAM	8	0		21.13	22.39	20.98		0.0322	0.0431	0.0311
3	64QAM	8	4		21.15	22.19	21.11		0.0324	0.0411	0.0321
3	64QAM	8	7		21.15	22.42	20.90		0.0324	0.0434	0.0305
3	64QAM	15	0		21.15	21.35	21.04		0.0324	0.0339	0.0316
3	256QAM	1	0		19.32	19.32	19.31		0.0212	0.0212	0.0212
3	256QAM	1	8		19.35	19.25	19.14		0.0214	0.0209	0.0204
3	256QAM	1	14		19.28	19.03	19.13		0.0210	0.0199	0.0203
3	256QAM	8	0		19.17	19.29	19.11		0.0205	0.0211	0.0202
3	256QAM	8	4		19.24	19.30	19.05		0.0208	0.0211	0.0200
3	256QAM	8	7		19.16	19.38	19.18		0.0205	0.0215	0.0206
3	256QAM	15	0		19.13	19.46	19.08		0.0203	0.0219	0.0201
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	/	24.40	24.41	24.22	/	0.0684	0.0685	0.0656
1.4	QPSK	1	3		24.28	24.25	24.35		0.0665	0.0661	0.0676

1.4	QPSK	1	5		24.27	24.25	24.15		0.0664	0.0661	0.0646
1.4	QPSK	3	0		24.42	24.37	24.27		0.0687	0.0679	0.0664
1.4	QPSK	3	1		24.36	24.34	24.37		0.0678	0.0675	0.0679
1.4	QPSK	3	3		24.24	24.29	24.26		0.0659	0.0667	0.0662
1.4	QPSK	6	0		23.66	23.65	23.55		0.0577	0.0575	0.0562
1.4	16QAM	1	0		23.44	23.48	23.37		0.0548	0.0553	0.0540
1.4	16QAM	1	3		23.42	23.38	23.44		0.0546	0.0541	0.0548
1.4	16QAM	1	5		23.28	23.26	23.11		0.0528	0.0526	0.0508
1.4	16QAM	3	0		23.16	23.13	23.12		0.0514	0.0511	0.0509
1.4	16QAM	3	1		22.91	22.91	22.97		0.0485	0.0485	0.0492
1.4	16QAM	3	3		23.26	23.27	23.10		0.0526	0.0527	0.0507
1.4	16QAM	6	0		22.30	22.33	22.41		0.0422	0.0425	0.0433
1.4	64QAM	1	0		22.23	22.24	22.31		0.0415	0.0416	0.0423
1.4	64QAM	1	3		22.37	22.37	22.23		0.0429	0.0429	0.0415
1.4	64QAM	1	5		22.57	22.53	22.27		0.0449	0.0445	0.0419
1.4	64QAM	3	0		22.42	22.37	22.02		0.0434	0.0429	0.0395
1.4	64QAM	3	1		22.19	22.18	22.10		0.0411	0.0410	0.0403
1.4	64QAM	3	3		22.37	22.36	21.93		0.0429	0.0428	0.0387
1.4	64QAM	6	0		21.38	21.37	21.43		0.0341	0.0340	0.0345
1.4	256QAM	1	0		19.32	19.30	19.02		0.0212	0.0211	0.0198
1.4	256QAM	1	3		19.20	19.22	19.24		0.0207	0.0207	0.0208
1.4	256QAM	1	5		19.01	19.02	19.05		0.0198	0.0198	0.0200
1.4	256QAM	3	0		19.30	19.33	19.21		0.0211	0.0213	0.0207
1.4	256QAM	3	1		19.27	19.22	19.21		0.0210	0.0207	0.0207
1.4	256QAM	3	3		19.43	19.40	19.09		0.0218	0.0216	0.0201
1.4	256QAM	6	0		19.41	19.41	19.35		0.0217	0.0217	0.0214

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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	23.56	23.62	23.57	0.1667	0.1690	0.1671
20	QPSK	1	49	23.36	23.53	23.39	0.1592	0.1656	0.1603
20	QPSK	1	99	23.47	23.59	23.49	0.1633	0.1679	0.1641
20	QPSK	50	0	22.45	22.58	22.39	0.1291	0.1330	0.1274
20	QPSK	50	24	22.46	22.56	22.50	0.1294	0.1324	0.1306
20	QPSK	50	50	22.34	22.48	22.35	0.1259	0.1300	0.1262
20	QPSK	100	0	22.36	22.55	22.38	0.1265	0.1321	0.1271
20	16QAM	1	0	22.45	22.59	22.52	0.1291	0.1334	0.1312
20	16QAM	1	49	22.43	22.59	22.44	0.1285	0.1334	0.1288
20	16QAM	1	99	22.41	22.56	22.39	0.1279	0.1324	0.1274
20	16QAM	50	0	21.36	21.55	21.39	0.1005	0.1050	0.1012
20	16QAM	50	24	21.40	21.54	21.39	0.1014	0.1047	0.1012
20	16QAM	50	50	21.39	21.54	21.37	0.1012	0.1047	0.1007

20	16QAM	100	0	21.37	21.55	21.46	0.1007	0.1050	0.1028
20	64QAM	1	0	21.54	21.60	21.51	0.1047	0.1062	0.1040
20	64QAM	1	49	21.27	21.46	21.32	0.0984	0.1028	0.0995
20	64QAM	1	99	21.41	21.47	21.28	0.1016	0.1030	0.0986
20	64QAM	50	0	20.49	20.56	20.39	0.0822	0.0836	0.0804
20	64QAM	50	24	20.46	20.54	20.35	0.0817	0.0832	0.0796
20	64QAM	50	50	20.51	20.59	20.52	0.0826	0.0841	0.0828
20	64QAM	100	0	20.40	20.52	20.42	0.0805	0.0828	0.0809
20	256QAM	1	0	18.48	18.54	18.39	0.0518	0.0525	0.0507
20	256QAM	1	49	18.42	18.58	18.45	0.0511	0.0530	0.0514
20	256QAM	1	99	18.49	18.67	18.49	0.0519	0.0541	0.0519
20	256QAM	50	0	18.39	18.52	18.46	0.0507	0.0522	0.0515
20	256QAM	50	24	18.33	18.49	18.36	0.0500	0.0519	0.0504
20	256QAM	50	50	18.45	18.52	18.47	0.0514	0.0522	0.0516
20	256QAM	100	0	18.46	18.53	18.40	0.0515	0.0524	0.0508
Channel				132047	132322	132597	EIRP(W)		
Frequency (MHz)				1717.5	1745	1772.5	L	M	H
15	QPSK	1	0	23.50	23.60	23.52	0.1644	0.1683	0.1652
15	QPSK	1	37	23.27	23.52	23.37	0.1560	0.1652	0.1596
15	QPSK	1	74	23.43	23.52	23.36	0.1618	0.1652	0.1592
15	QPSK	36	0	22.42	22.45	22.31	0.1282	0.1291	0.1250
15	QPSK	36	20	22.40	22.49	22.45	0.1276	0.1303	0.1291
15	QPSK	36	39	22.28	22.36	22.21	0.1242	0.1265	0.1222
15	QPSK	75	0	22.33	22.45	22.25	0.1256	0.1291	0.1233
15	16QAM	1	0	22.40	22.44	22.48	0.1276	0.1288	0.1300
15	16QAM	1	37	22.34	22.56	22.31	0.1259	0.1324	0.1250
15	16QAM	1	74	22.32	22.54	22.27	0.1253	0.1318	0.1239
15	16QAM	36	0	21.25	21.52	21.37	0.0979	0.1042	0.1007
15	16QAM	36	20	21.35	21.51	21.34	0.1002	0.1040	0.1000
15	16QAM	36	39	21.33	21.43	21.32	0.0998	0.1021	0.0995
15	16QAM	75	0	21.24	21.41	21.33	0.0977	0.1016	0.0998
15	64QAM	1	0	21.40	21.46	21.44	0.1014	0.1028	0.1023
15	64QAM	1	37	21.23	21.44	21.21	0.0975	0.1023	0.0971
15	64QAM	1	74	21.36	21.32	21.23	0.1005	0.0995	0.0975
15	64QAM	36	0	20.43	20.47	20.31	0.0811	0.0818	0.0789
15	64QAM	36	20	20.41	20.44	20.30	0.0807	0.0813	0.0787
15	64QAM	36	39	20.41	20.56	20.39	0.0807	0.0836	0.0804
15	64QAM	75	0	20.29	20.43	20.36	0.0785	0.0811	0.0798
15	256QAM	1	0	18.43	18.52	18.29	0.0512	0.0522	0.0495
15	256QAM	1	37	18.30	18.55	18.39	0.0497	0.0526	0.0507
15	256QAM	1	74	18.39	18.61	18.43	0.0507	0.0533	0.0512
15	256QAM	36	0	18.25	18.41	18.31	0.0491	0.0509	0.0498
15	256QAM	36	20	18.21	18.42	18.34	0.0486	0.0511	0.0501
15	256QAM	36	39	18.36	18.42	18.36	0.0504	0.0511	0.0504
15	256QAM	75	0	18.34	18.46	18.26	0.0501	0.0515	0.0492

Channel				132022	132322	132622	EIRP(W)		
Frequency (MHz)				1715	1745	1775	L	M	H
10	QPSK	1	0	23.48	23.55	23.56	0.1637	0.1663	0.1667
10	QPSK	1	25	23.28	23.45	23.25	0.1563	0.1626	0.1552
10	QPSK	1	49	23.45	23.54	23.47	0.1626	0.1660	0.1633
10	QPSK	25	0	22.41	22.55	22.36	0.1279	0.1321	0.1265
10	QPSK	25	12	22.36	22.45	22.42	0.1265	0.1291	0.1282
10	QPSK	25	25	22.20	22.43	22.23	0.1219	0.1285	0.1227
10	QPSK	50	0	22.31	22.51	22.33	0.1250	0.1309	0.1256
10	16QAM	1	0	22.43	22.45	22.48	0.1285	0.1291	0.1300
10	16QAM	1	25	22.37	22.53	22.33	0.1268	0.1315	0.1256
10	16QAM	1	49	22.31	22.50	22.27	0.1250	0.1306	0.1239
10	16QAM	25	0	21.22	21.41	21.35	0.0973	0.1016	0.1002
10	16QAM	25	12	21.27	21.53	21.34	0.0984	0.1045	0.1000
10	16QAM	25	25	21.32	21.50	21.35	0.0995	0.1038	0.1002
10	16QAM	50	0	21.34	21.41	21.42	0.1000	0.1016	0.1019
10	64QAM	1	0	21.44	21.58	21.48	0.1023	0.1057	0.1033
10	64QAM	1	25	21.22	21.38	21.18	0.0973	0.1009	0.0964
10	64QAM	1	49	21.32	21.35	21.15	0.0995	0.1002	0.0957
10	64QAM	25	0	20.41	20.52	20.25	0.0807	0.0828	0.0778
10	64QAM	25	12	20.35	20.52	20.28	0.0796	0.0828	0.0783
10	64QAM	25	25	20.42	20.51	20.39	0.0809	0.0826	0.0804
10	64QAM	50	0	20.37	20.48	20.33	0.0800	0.0820	0.0793
10	256QAM	1	0	18.43	18.40	18.29	0.0512	0.0508	0.0495
10	256QAM	1	25	18.35	18.45	18.33	0.0502	0.0514	0.0500
10	256QAM	1	49	18.45	18.56	18.41	0.0514	0.0527	0.0509
10	256QAM	25	0	18.25	18.43	18.36	0.0491	0.0512	0.0504
10	256QAM	25	12	18.20	18.38	18.33	0.0485	0.0506	0.0500
10	256QAM	25	25	18.33	18.43	18.42	0.0500	0.0512	0.0511
10	256QAM	50	0	18.33	18.49	18.31	0.0500	0.0519	0.0498
Channel				131997	132322	132647	EIRP(W)		
Frequency (MHz)				1712.5	1745	1777.5	L	M	H
5	QPSK	1	0	23.46	23.58	23.46	0.1629	0.1675	0.1629
5	QPSK	1	12	23.30	23.48	23.27	0.1570	0.1637	0.1560
5	QPSK	1	24	23.39	23.56	23.38	0.1603	0.1667	0.1600
5	QPSK	12	0	22.39	22.52	22.27	0.1274	0.1312	0.1239
5	QPSK	12	7	22.32	22.46	22.45	0.1253	0.1294	0.1291
5	QPSK	12	13	22.23	22.41	22.32	0.1227	0.1279	0.1253
5	QPSK	25	0	22.33	22.48	22.25	0.1256	0.1300	0.1233
5	16QAM	1	0	22.37	22.44	22.46	0.1268	0.1288	0.1294
5	16QAM	1	12	22.35	22.50	22.41	0.1262	0.1306	0.1279
5	16QAM	1	24	22.38	22.42	22.25	0.1271	0.1282	0.1233
5	16QAM	12	0	21.29	21.49	21.38	0.0989	0.1035	0.1009
5	16QAM	12	7	21.36	21.46	21.34	0.1005	0.1028	0.1000
5	16QAM	12	13	21.35	21.52	21.25	0.1002	0.1042	0.0979

5	16QAM	25	0	21.28	21.51	21.40	0.0986	0.1040	0.1014
5	64QAM	1	0	21.46	21.46	21.45	0.1028	0.1028	0.1026
5	64QAM	1	12	21.16	21.38	21.28	0.0959	0.1009	0.0986
5	64QAM	1	24	21.28	21.33	21.21	0.0986	0.0998	0.0971
5	64QAM	12	0	20.41	20.47	20.37	0.0807	0.0818	0.0800
5	64QAM	12	7	20.42	20.46	20.23	0.0809	0.0817	0.0774
5	64QAM	12	13	20.44	20.53	20.44	0.0813	0.0830	0.0813
5	64QAM	25	0	20.30	20.48	20.34	0.0787	0.0820	0.0794
5	256QAM	1	0	18.36	18.48	18.29	0.0504	0.0518	0.0495
5	256QAM	1	12	18.35	18.45	18.42	0.0502	0.0514	0.0511
5	256QAM	1	24	18.45	18.55	18.37	0.0514	0.0526	0.0505
5	256QAM	12	0	18.29	18.44	18.39	0.0495	0.0513	0.0507
5	256QAM	12	7	18.24	18.39	18.26	0.0490	0.0507	0.0492
5	256QAM	12	13	18.31	18.47	18.36	0.0498	0.0516	0.0504
5	256QAM	25	0	18.41	18.49	18.31	0.0509	0.0519	0.0498
Channel				131987	132322	132657	EIRP(W)		
Frequency (MHz)				1711.5	1745	1778.5	L	M	H
3	QPSK	1	0	23.55	23.52	23.53	0.1663	0.1652	0.1656
3	QPSK	1	8	23.29	23.40	23.32	0.1567	0.1607	0.1578
3	QPSK	1	14	23.36	23.54	23.38	0.1592	0.1660	0.1600
3	QPSK	8	0	22.39	22.55	22.34	0.1274	0.1321	0.1259
3	QPSK	8	4	22.32	22.52	22.46	0.1253	0.1312	0.1294
3	QPSK	8	7	22.21	22.39	22.24	0.1222	0.1274	0.1230
3	QPSK	15	0	22.34	22.44	22.36	0.1259	0.1288	0.1265
3	16QAM	1	0	22.43	22.49	22.49	0.1285	0.1303	0.1303
3	16QAM	1	8	22.38	22.50	22.41	0.1271	0.1306	0.1279
3	16QAM	1	14	22.38	22.49	22.35	0.1271	0.1303	0.1262
3	16QAM	8	0	21.31	21.51	21.38	0.0993	0.1040	0.1009
3	16QAM	8	4	21.38	21.47	21.31	0.1009	0.1030	0.0993
3	16QAM	8	7	21.24	21.48	21.26	0.0977	0.1033	0.0982
3	16QAM	15	0	21.35	21.51	21.44	0.1002	0.1040	0.1023
3	64QAM	1	0	21.50	21.51	21.38	0.1038	0.1040	0.1009
3	64QAM	1	8	21.21	21.44	21.24	0.0971	0.1023	0.0977
3	64QAM	1	14	21.35	21.39	21.16	0.1002	0.1012	0.0959
3	64QAM	8	0	20.48	20.53	20.34	0.0820	0.0830	0.0794
3	64QAM	8	4	20.44	20.52	20.31	0.0813	0.0828	0.0789
3	64QAM	8	7	20.40	20.46	20.42	0.0805	0.0817	0.0809
3	64QAM	15	0	20.27	20.38	20.32	0.0782	0.0802	0.0791
3	256QAM	1	0	18.36	18.47	18.37	0.0504	0.0516	0.0505
3	256QAM	1	8	18.33	18.52	18.33	0.0500	0.0522	0.0500
3	256QAM	1	14	18.35	18.66	18.44	0.0502	0.0540	0.0513
3	256QAM	8	0	18.28	18.47	18.32	0.0494	0.0516	0.0499
3	256QAM	8	4	18.32	18.45	18.23	0.0499	0.0514	0.0489
3	256QAM	8	7	18.42	18.46	18.38	0.0511	0.0515	0.0506
3	256QAM	15	0	18.41	18.46	18.29	0.0509	0.0515	0.0495

Channel				131979	132322	132665	EIRP(W)		
Frequency (MHz)				1710.7	1745	1779.3	L	M	H
1.4	QPSK	1	0	23.44	23.60	23.45	0.1622	0.1683	0.1626
1.4	QPSK	1	3	23.29	23.43	23.34	0.1567	0.1618	0.1585
1.4	QPSK	1	5	23.43	23.49	23.46	0.1618	0.1641	0.1629
1.4	QPSK	3	0	23.01	23.00	23.01	0.1469	0.1466	0.1469
1.4	QPSK	3	1	23.01	23.00	23.01	0.1469	0.1466	0.1469
1.4	QPSK	3	3	23.01	23.01	23.01	0.1469	0.1469	0.1469
1.4	QPSK	6	0	22.22	22.40	22.35	0.1225	0.1276	0.1262
1.4	16QAM	1	0	22.42	22.47	22.49	0.1282	0.1297	0.1303
1.4	16QAM	1	3	22.41	22.45	22.40	0.1279	0.1291	0.1276
1.4	16QAM	1	5	22.36	22.43	22.26	0.1265	0.1285	0.1236
1.4	16QAM	3	0	22.00	22.01	22.01	0.1164	0.1167	0.1167
1.4	16QAM	3	1	22.00	22.00	22.01	0.1164	0.1164	0.1167
1.4	16QAM	3	3	22.01	22.00	22.00	0.1167	0.1164	0.1164
1.4	16QAM	6	0	21.33	21.44	21.36	0.0998	0.1023	0.1005
1.4	64QAM	1	0	21.45	21.49	21.38	0.1026	0.1035	0.1009
1.4	64QAM	1	3	21.14	21.38	21.29	0.0955	0.1009	0.0989
1.4	64QAM	1	5	21.28	21.44	21.14	0.0986	0.1023	0.0955
1.4	64QAM	3	0	21.01	21.01	21.00	0.0927	0.0927	0.0925
1.4	64QAM	3	1	21.00	21.02	21.01	0.0925	0.0929	0.0927
1.4	64QAM	3	3	21.01	21.01	21.00	0.0927	0.0927	0.0925
1.4	64QAM	6	0	20.36	20.45	20.38	0.0798	0.0815	0.0802
1.4	256QAM	1	0	18.39	18.43	18.37	0.0507	0.0512	0.0505
1.4	256QAM	1	3	18.33	18.54	18.33	0.0500	0.0525	0.0500
1.4	256QAM	1	5	18.44	18.55	18.37	0.0513	0.0526	0.0505
1.4	256QAM	3	0	18.36	18.51	18.41	0.0504	0.0521	0.0509
1.4	256QAM	3	1	18.26	18.44	18.33	0.0492	0.0513	0.0500
1.4	256QAM	3	3	18.39	18.43	18.37	0.0507	0.0512	0.0505
1.4	256QAM	6	0	18.40	18.46	18.36	0.0508	0.0515	0.0504

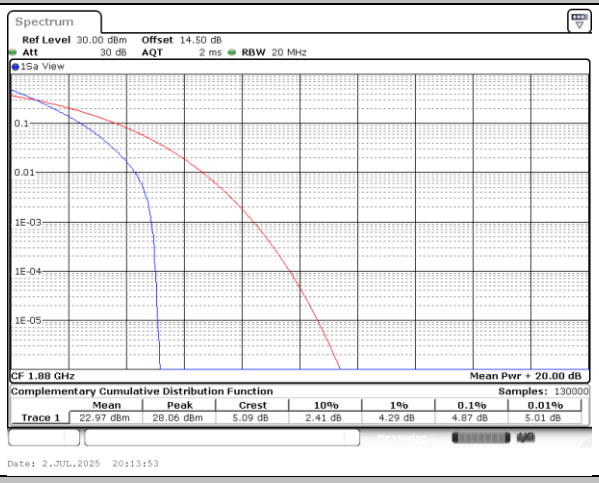
LTE Band 2_ANT1

Peak-to-Average Ratio

Mode	LTE Band 2 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.87	5.59	6.43	PASS

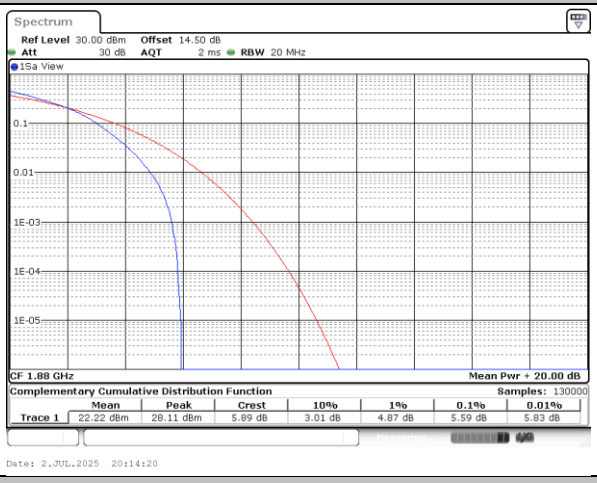
LTE Band 2 / 20MHz / QPSK

Middle Channel / Full RB



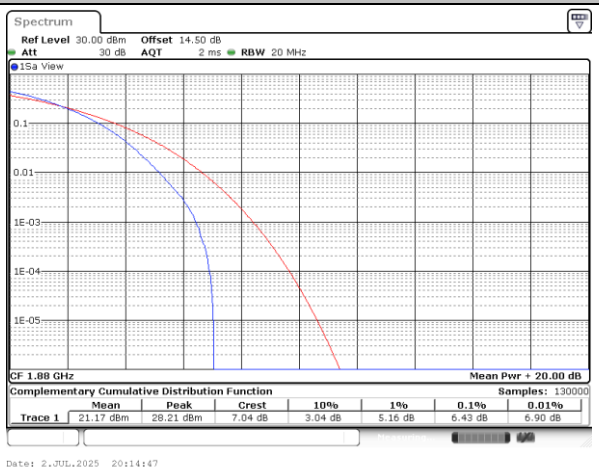
LTE Band 2 / 20MHz / 16QAM

Middle Channel / Full RB



LTE Band 2 / 20MHz / 64QAM

Middle Channel / Full RB

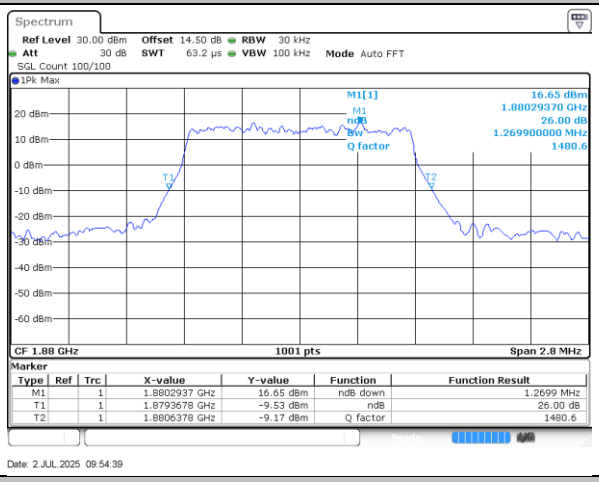


26dB Bandwidth

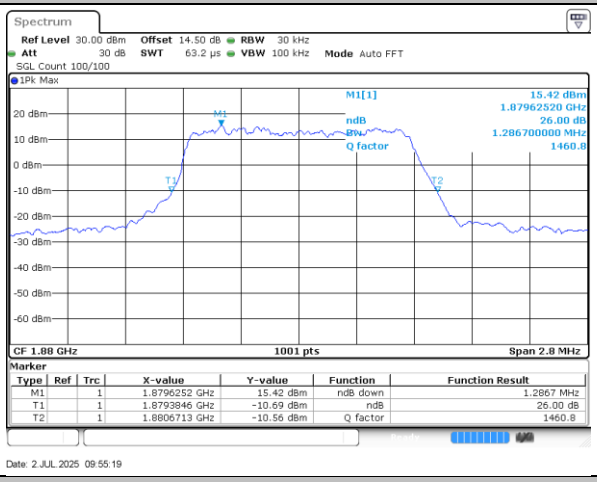
Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.27	1.29	2.99	2.99	4.88	4.89	9.81	9.71	14.36	14.54	18.94	19.02

LTE Band 2

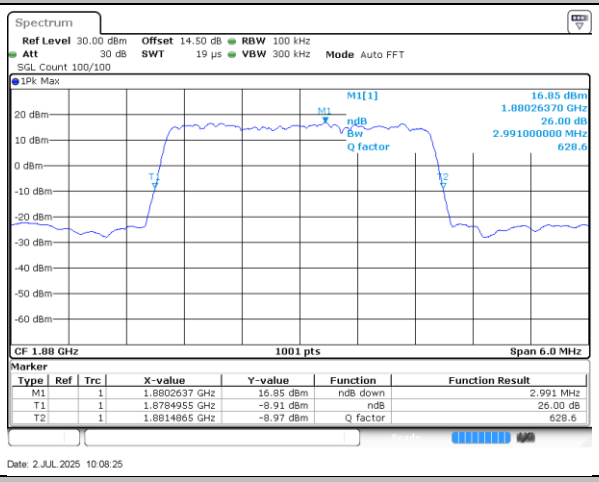
Middle Channel / 1.4MHz / QPSK



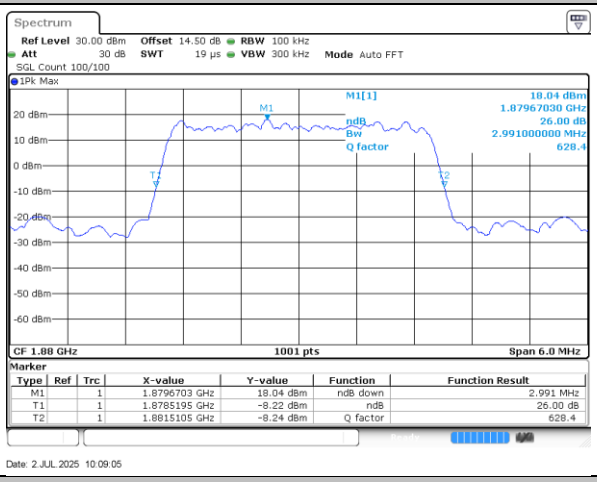
Middle Channel / 1.4MHz / 16QAM



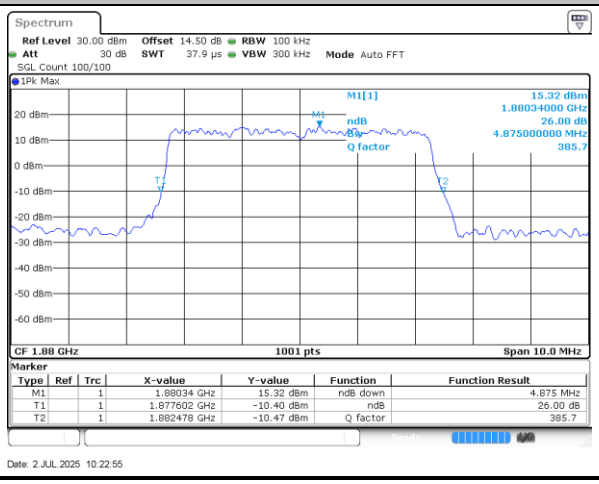
Middle Channel / 3MHz / QPSK



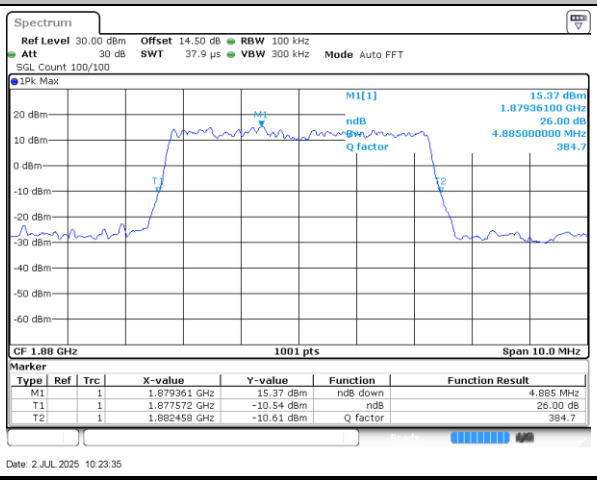
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

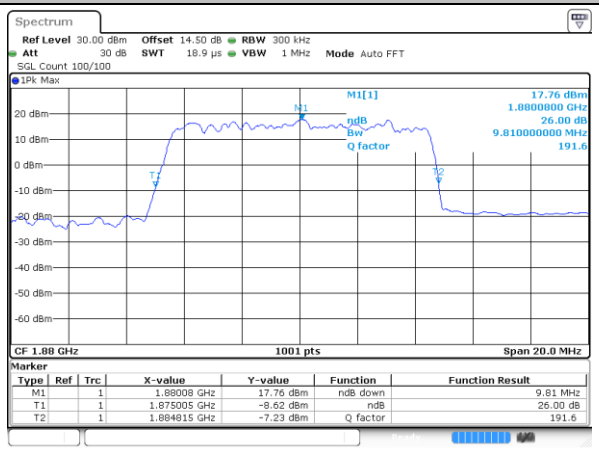


Middle Channel / 5MHz / 16QAM

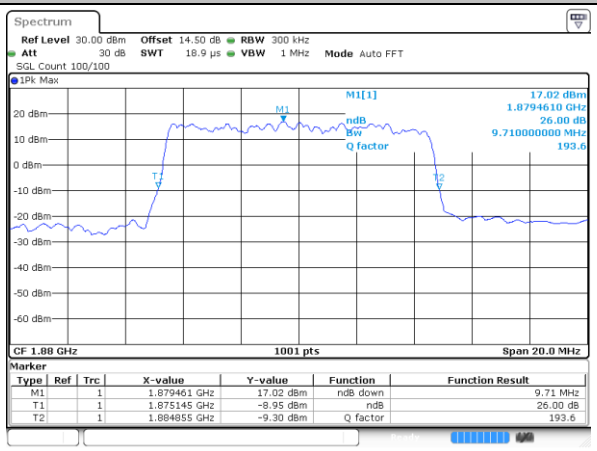


LTE Band 2

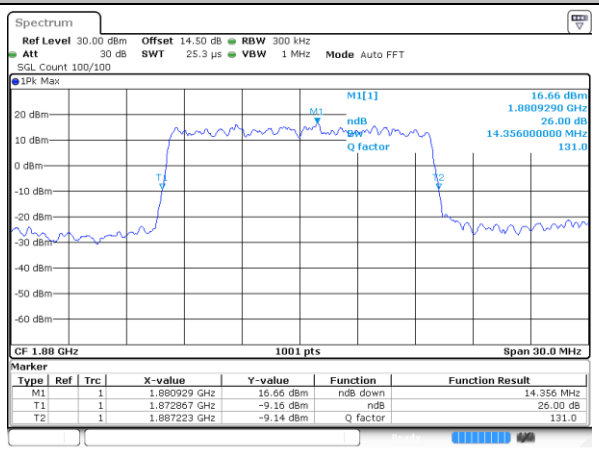
Middle Channel / 10MHz / QPSK



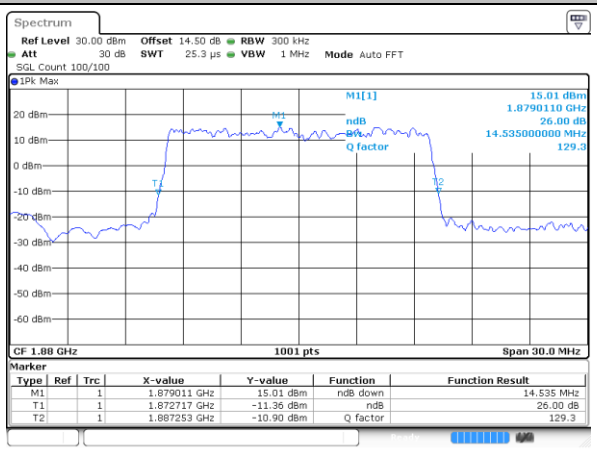
Middle Channel / 10MHz / 16QAM



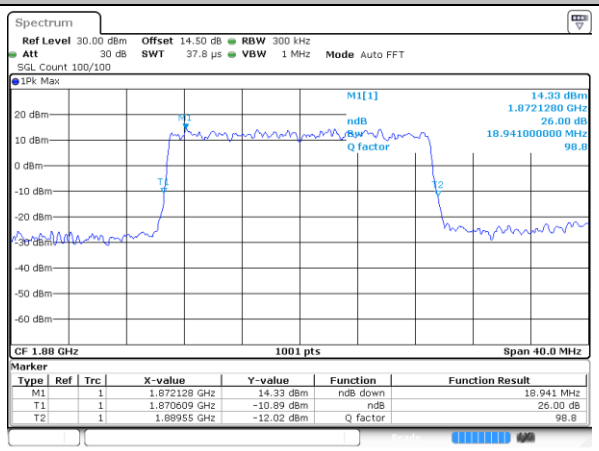
Middle Channel / 15MHz / QPSK



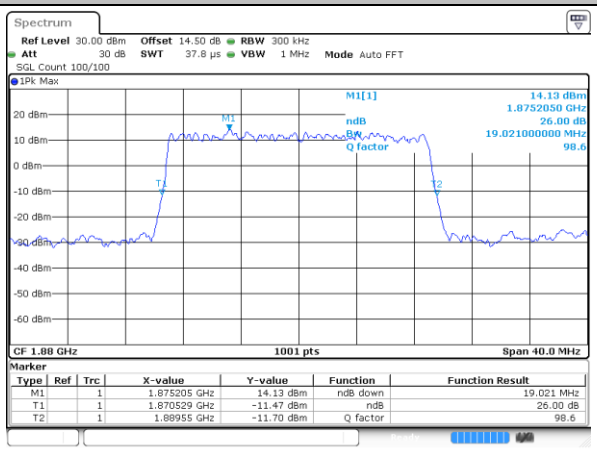
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

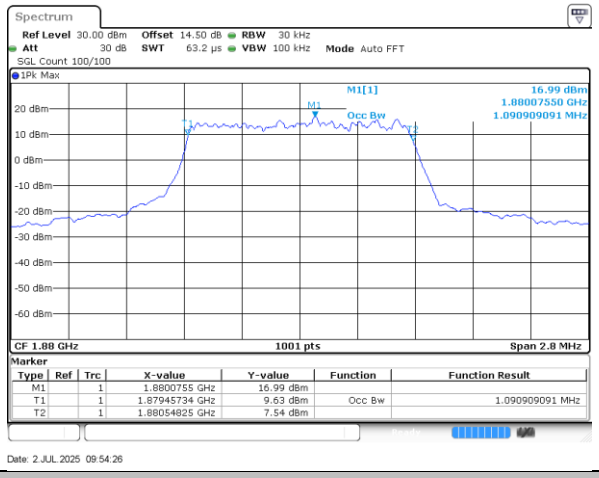


Occupied Bandwidth

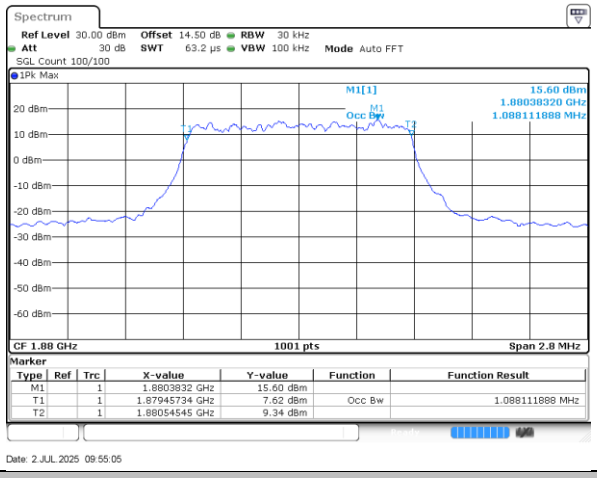
Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.09	2.72	2.72	4.49	4.50	9.05	9.03	13.43	13.49	17.94	17.82

LTE Band 2

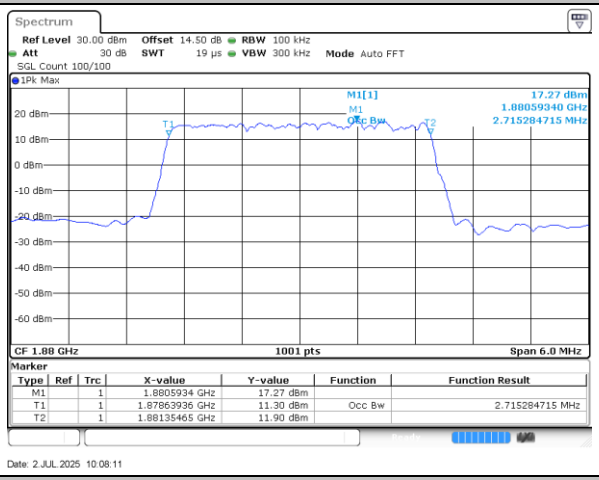
Middle Channel / 1.4MHz / QPSK



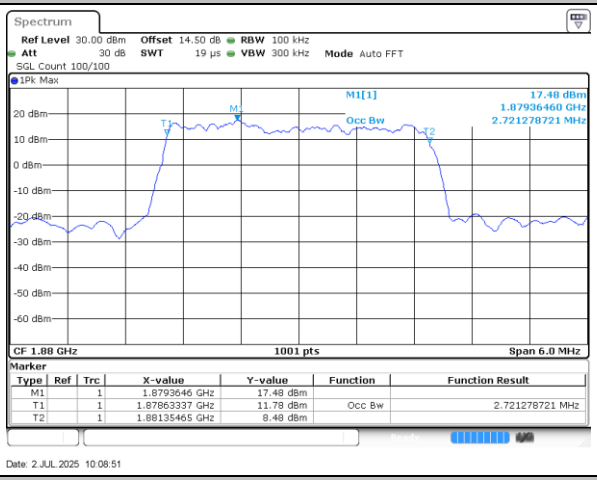
Middle Channel / 1.4MHz / 16QAM



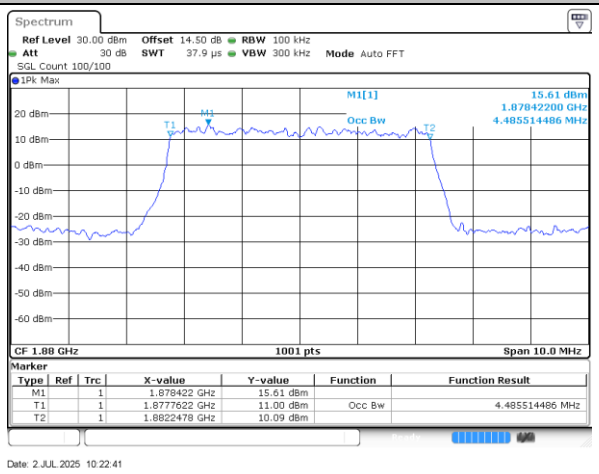
Middle Channel / 3MHz / QPSK



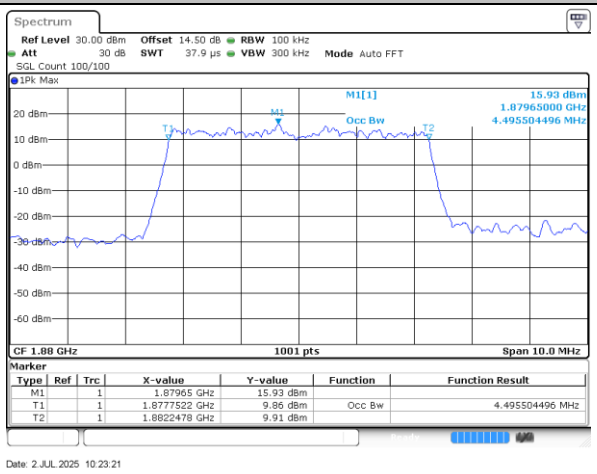
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

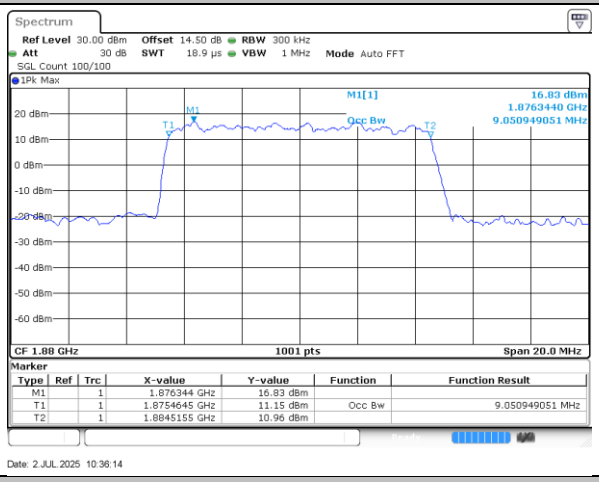


Middle Channel / 5MHz / 16QAM

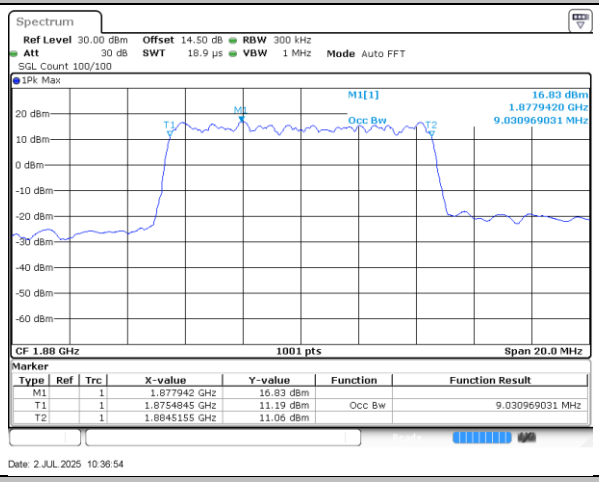


LTE Band 2

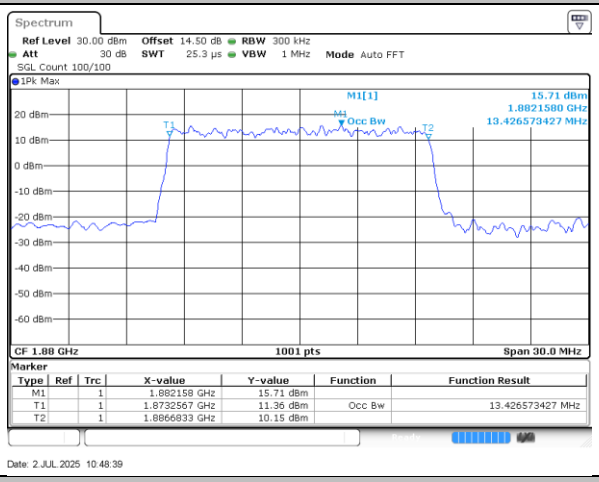
Middle Channel / 10MHz / QPSK



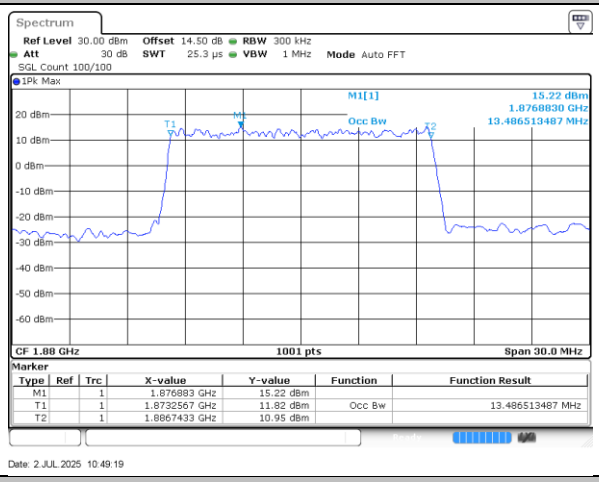
Middle Channel / 10MHz / 16QAM



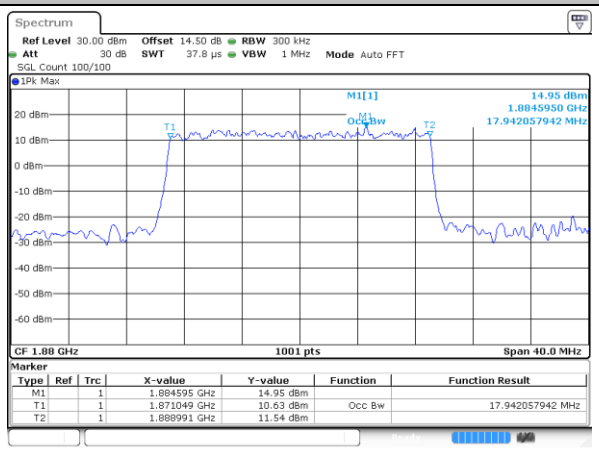
Middle Channel / 15MHz / QPSK



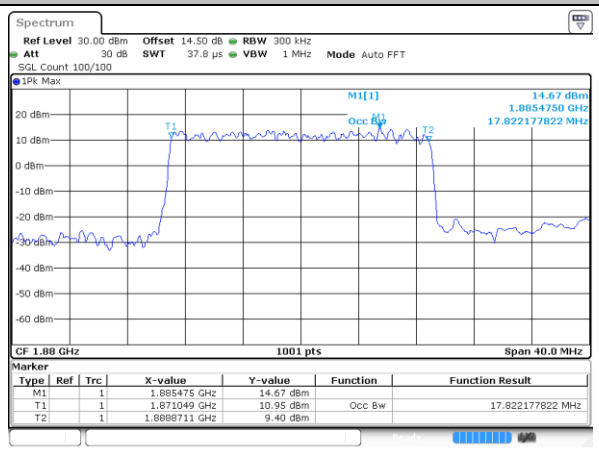
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



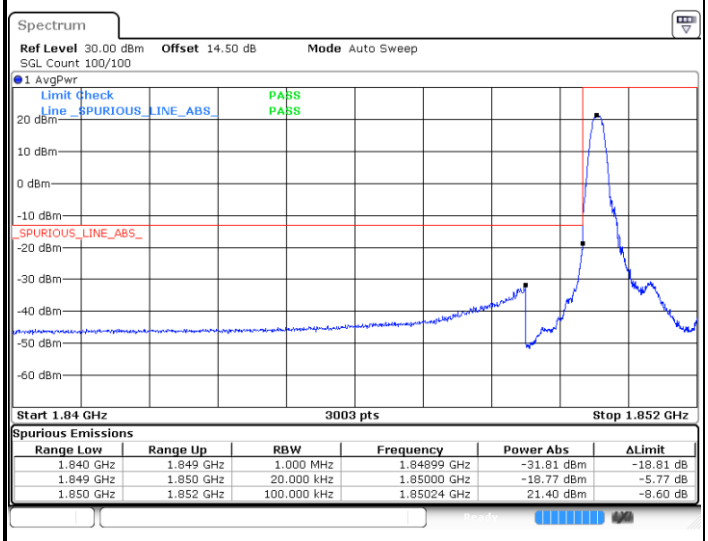
Middle Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 2 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

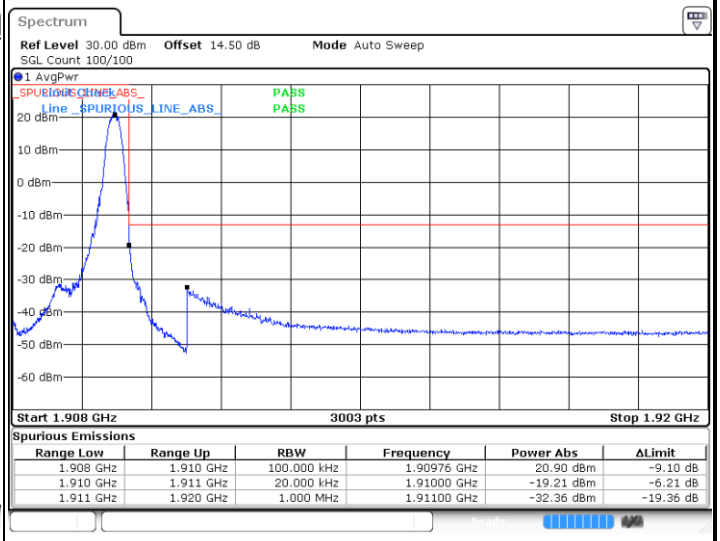


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84899 GHz	-31.81 dBm	-18.81 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-18.77 dBm	-5.77 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85024 GHz	21.40 dBm	-8.60 dB

Date: 2.JUL.2025 09:49:19

Highest Band Edge / 1RB

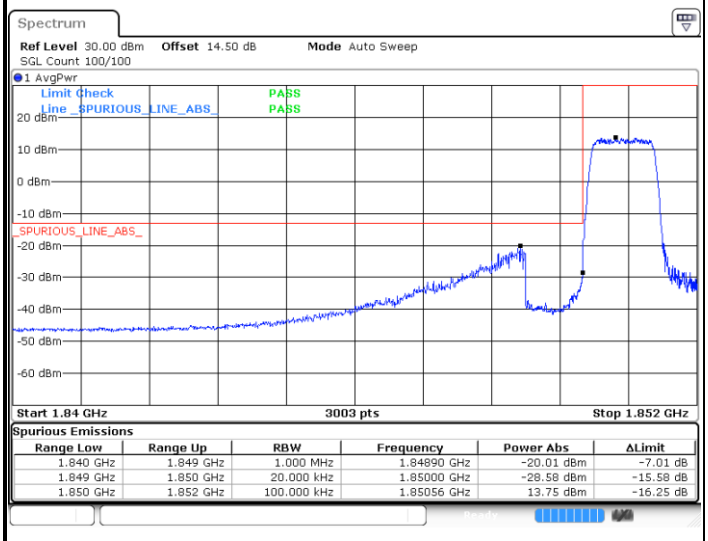


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.908 GHz	1.910 GHz	100.000 kHz	1.90976 GHz	20.90 dBm	-9.10 dB
1.910 GHz	1.911 GHz	20.000 kHz	1.91000 GHz	-19.21 dBm	-6.21 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91100 GHz	-32.36 dBm	-19.36 dB

Date: 2.JUL.2025 09:55:50

Lowest Band Edge / Full RB

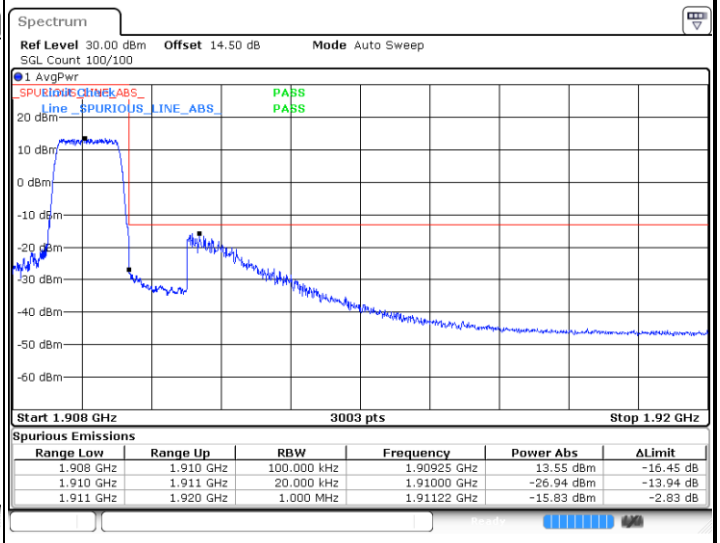


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84890 GHz	-20.01 dBm	-7.01 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-28.58 dBm	-15.58 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85056 GHz	13.75 dBm	-16.25 dB

Date: 2.JUL.2025 09:51:55

Highest Band Edge / Full RB



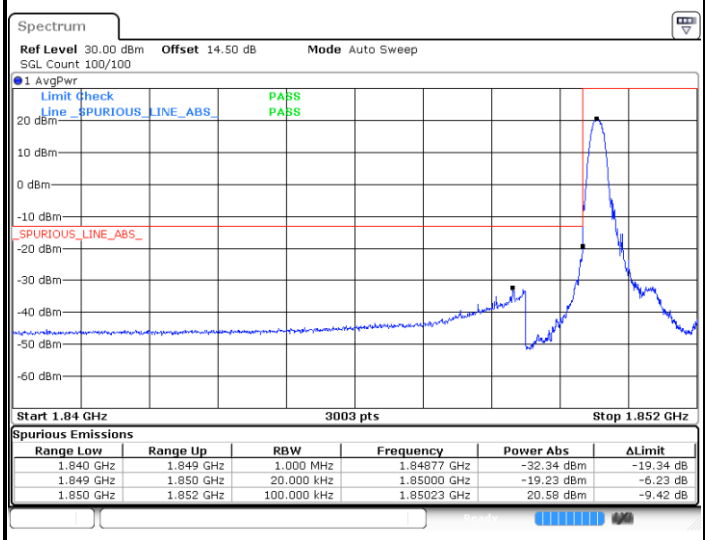
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.908 GHz	1.910 GHz	100.000 kHz	1.90925 GHz	13.55 dBm	-16.45 dB
1.910 GHz	1.911 GHz	20.000 kHz	1.91000 GHz	-26.94 dBm	-13.94 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91122 GHz	-15.83 dBm	-2.83 dB

Date: 2.JUL.2025 09:58:27

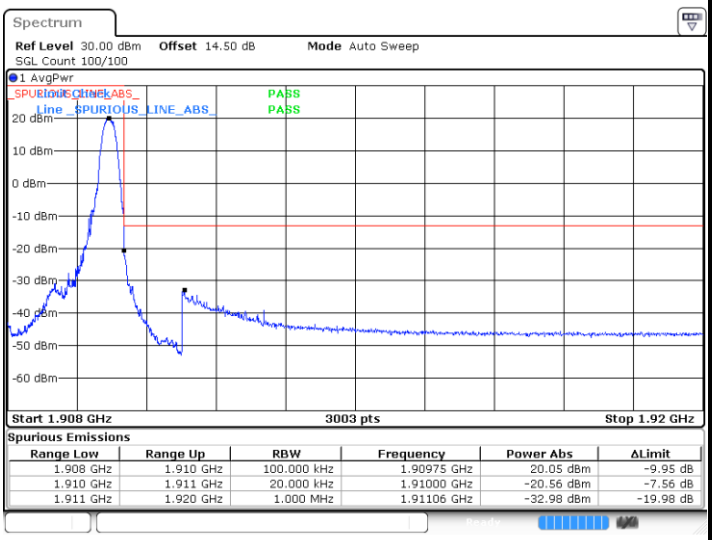
LTE Band 2 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



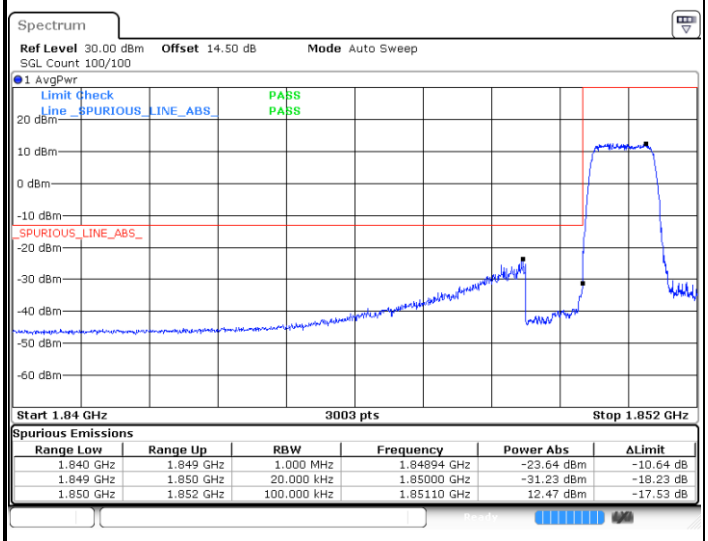
Date: 2.JUL.2025 09:49:51

Highest Band Edge / 1 RB



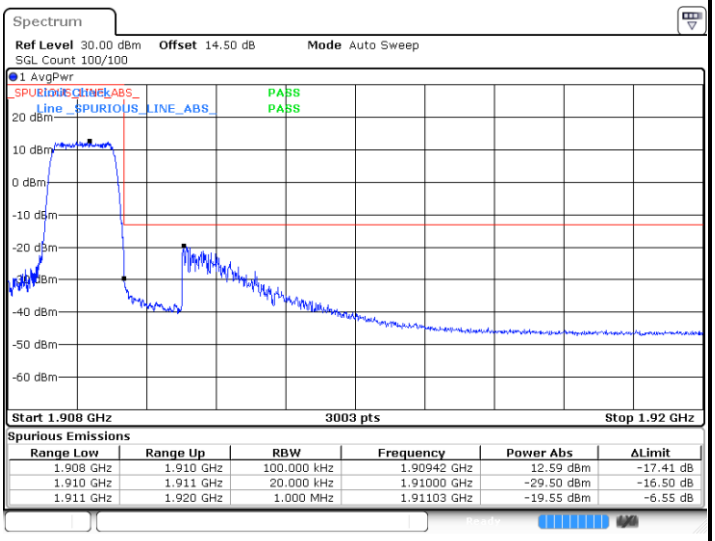
Date: 2.JUL.2025 09:56:23

Lowest Band Edge / Full RB



Date: 2.JUL.2025 09:52:28

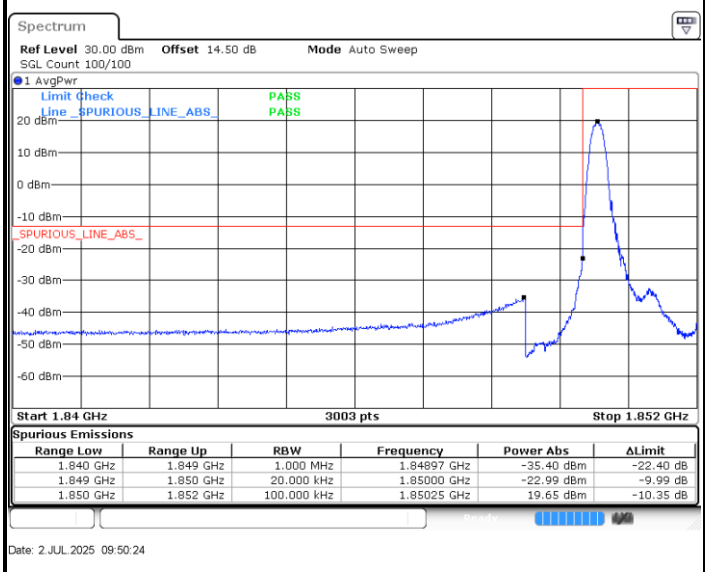
Highest Band Edge / Full RB



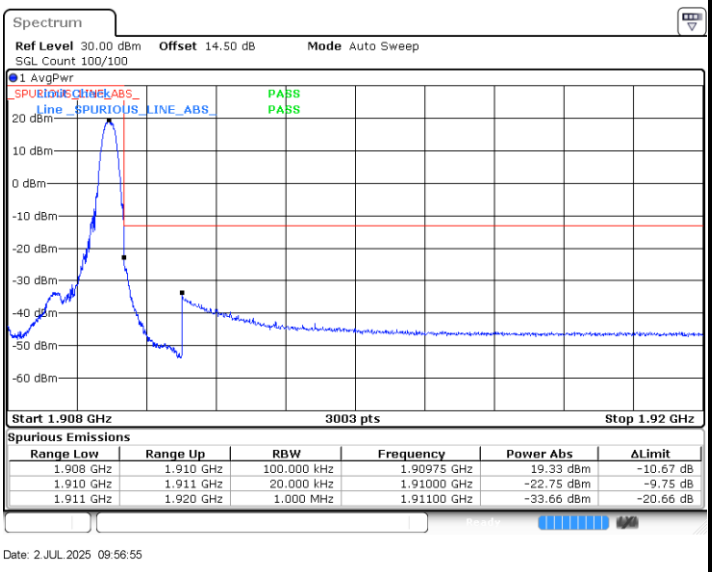
Date: 2.JUL.2025 09:58:59

LTE Band 2 / 1.4MHz / 64QAM

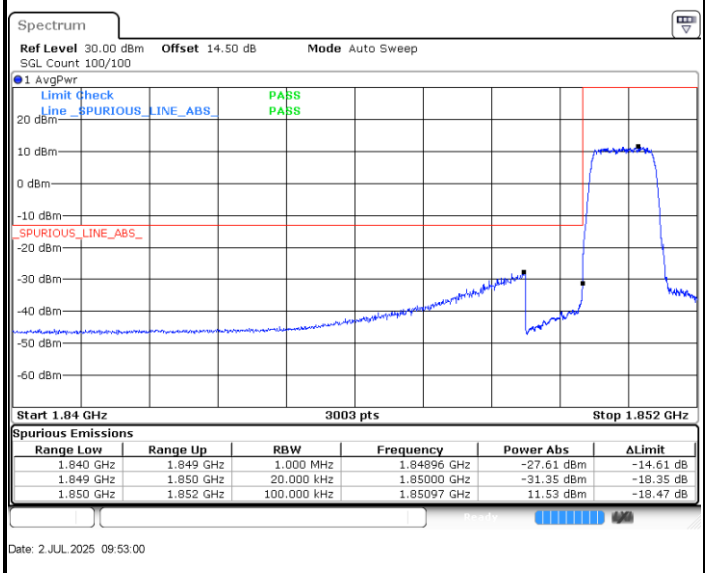
Lowest Band Edge / 1 RB



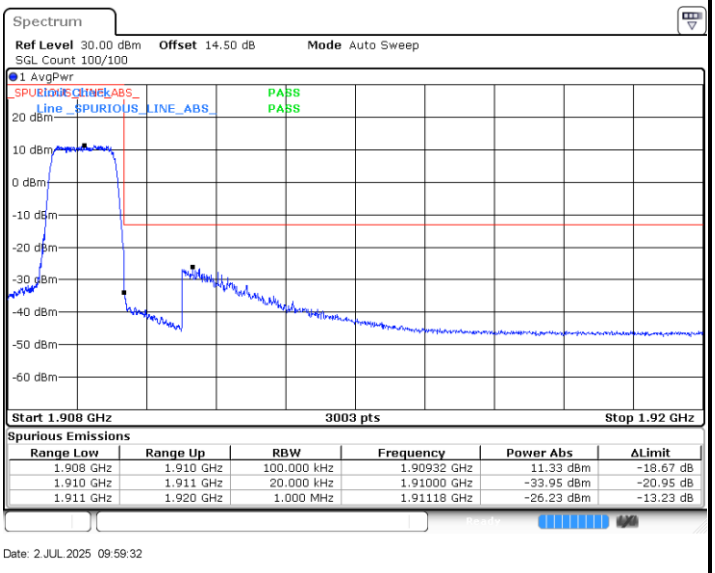
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

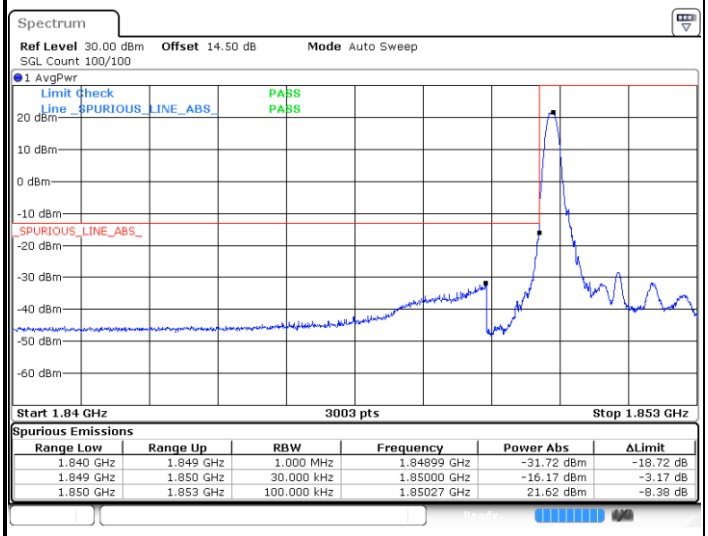


Highest Band Edge / Full RB



LTE Band 2 / 3MHz / QPSK

Lowest Band Edge / 1RB

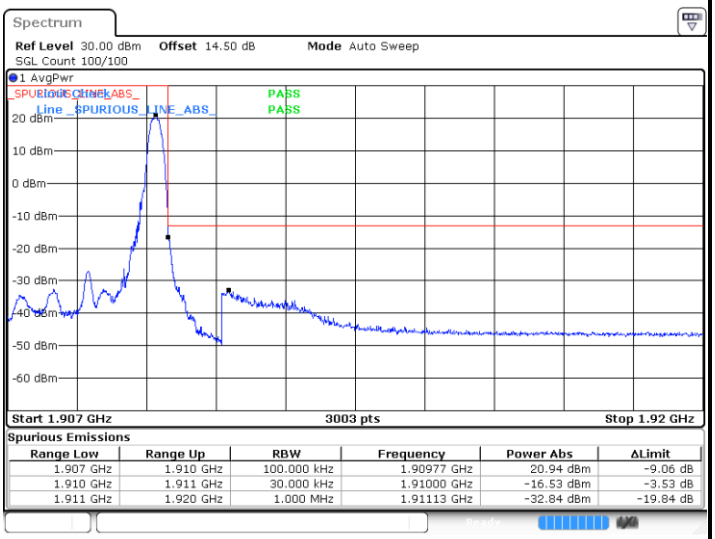


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84899 GHz	-31.72 dBm	-18.72 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-16.17 dBm	-3.17 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85027 GHz	21.62 dBm	-8.38 dB

Date: 2.JUL.2025 10:02:59

Highest Band Edge / 1RB

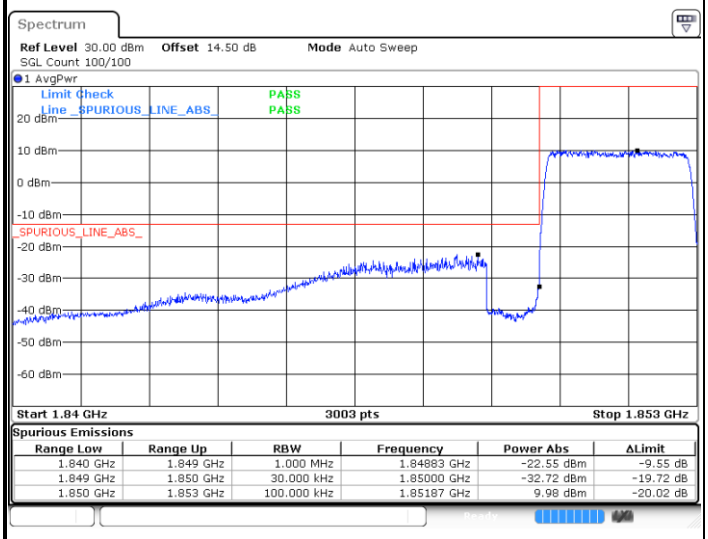


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.907 GHz	1.910 GHz	100.000 kHz	1.90977 GHz	20.94 dBm	-9.06 dB
1.910 GHz	1.911 GHz	30.000 kHz	1.91000 GHz	-16.53 dBm	-3.53 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91113 GHz	-32.84 dBm	-19.84 dB

Date: 2.JUL.2025 10:09:37

Lowest Band Edge / Full RB

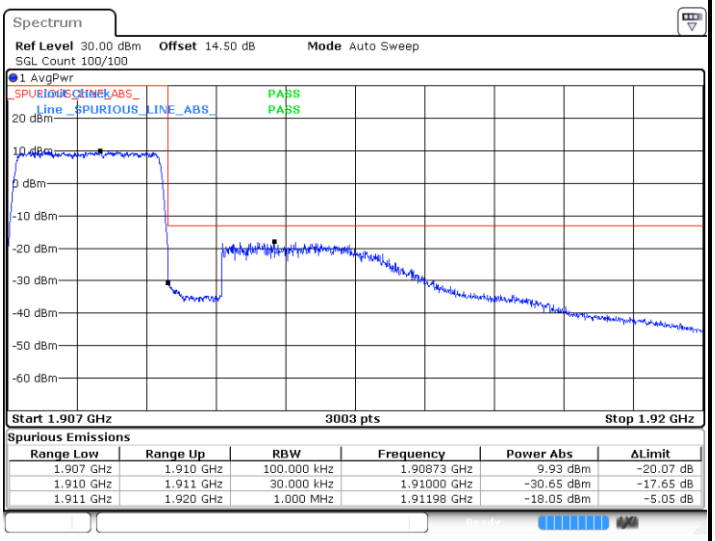


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84883 GHz	-22.55 dBm	-9.55 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-32.72 dBm	-19.72 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85187 GHz	9.98 dBm	-20.02 dB

Date: 2.JUL.2025 10:05:38

Highest Band Edge / Full RB



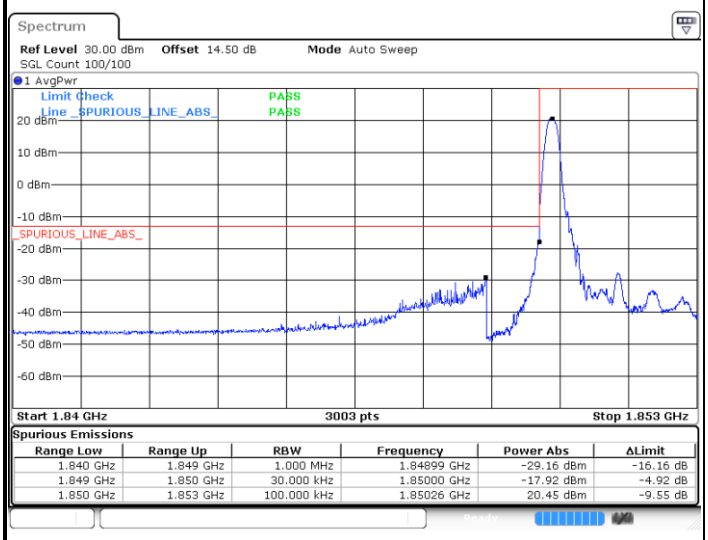
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.907 GHz	1.910 GHz	100.000 kHz	1.90873 GHz	9.93 dBm	-20.07 dB
1.910 GHz	1.911 GHz	30.000 kHz	1.91000 GHz	-30.65 dBm	-17.65 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91198 GHz	-18.05 dBm	-5.05 dB

Date: 2.JUL.2025 10:11:16

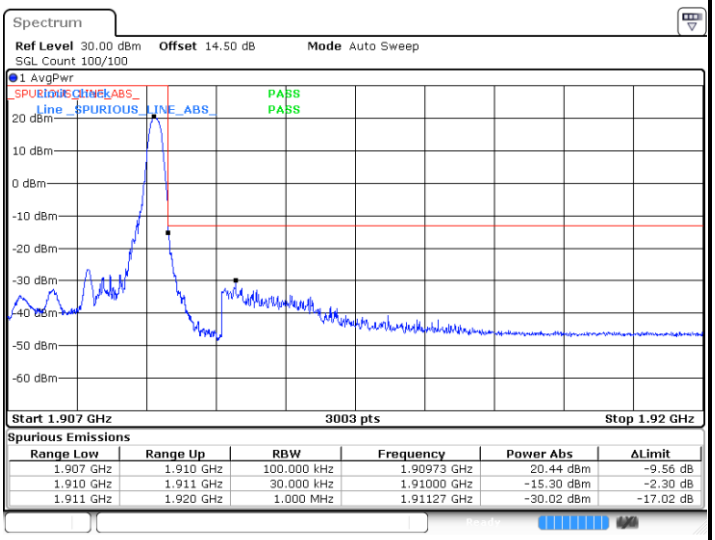
LTE Band 2 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



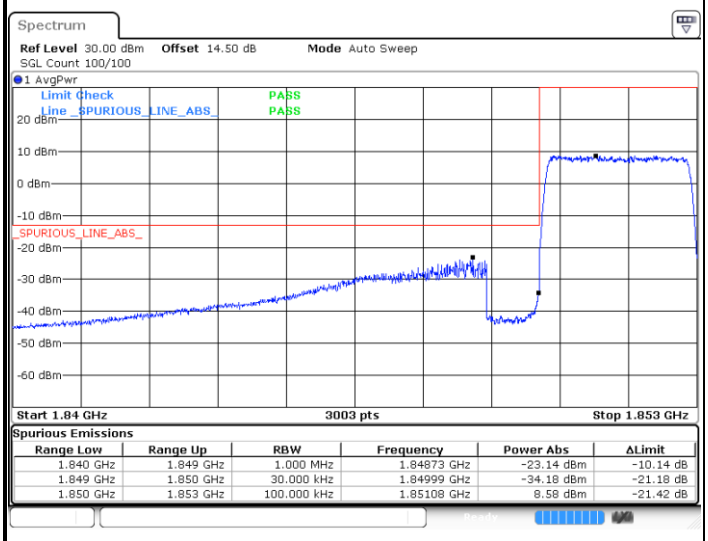
Date: 2.JUL.2025 10:03:32

Highest Band Edge / 1 RB



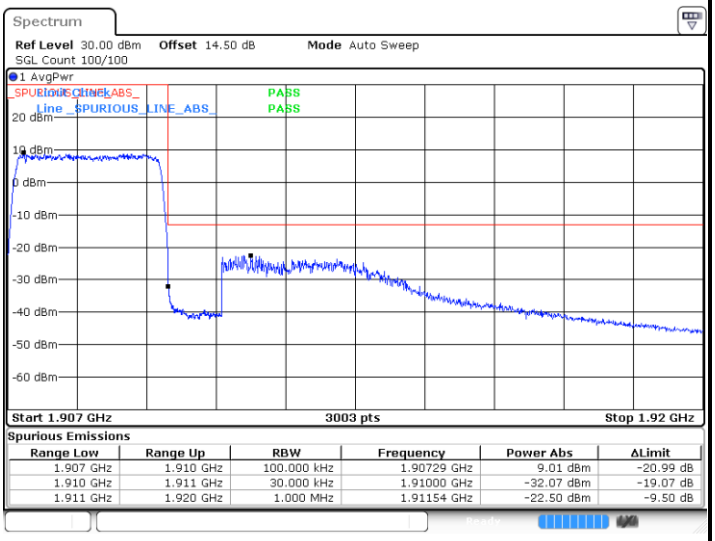
Date: 2.JUL.2025 10:10:10

Lowest Band Edge / Full RB



Date: 2.JUL.2025 10:06:11

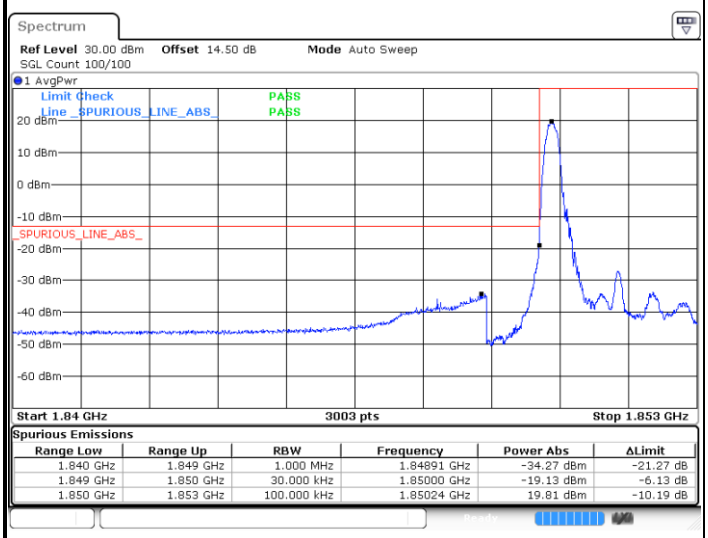
Highest Band Edge / Full RB



Date: 2.JUL.2025 10:11:48

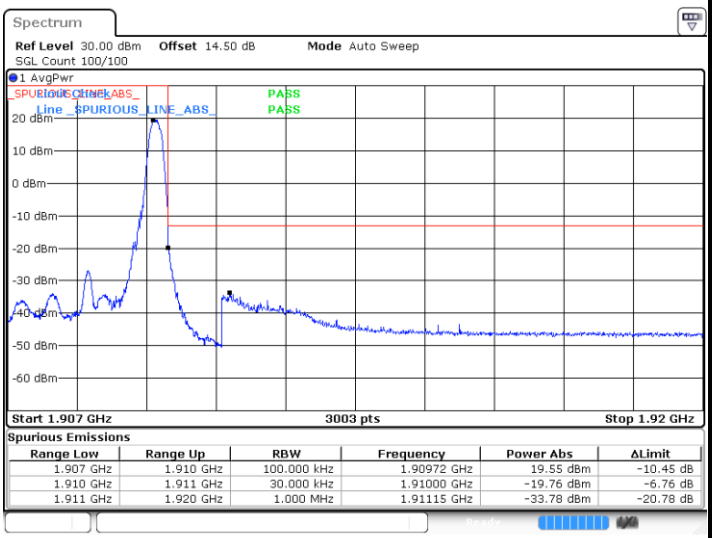
LTE Band 2 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



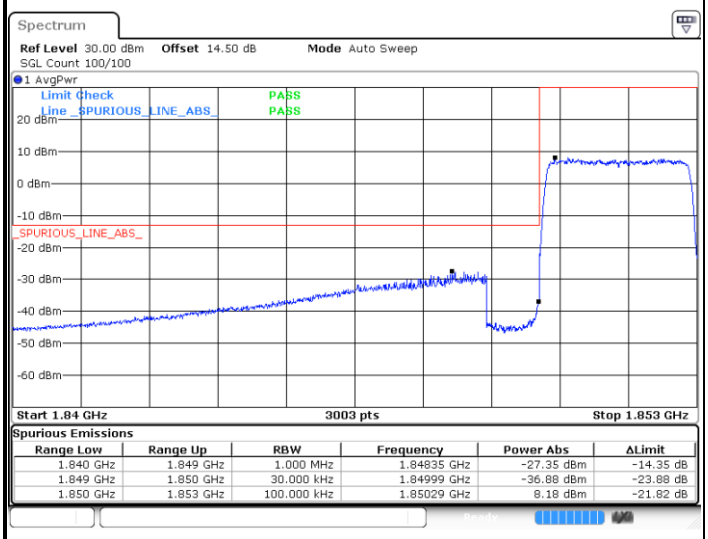
Date: 2.JUL.2025 10:04:05

Highest Band Edge / 1 RB



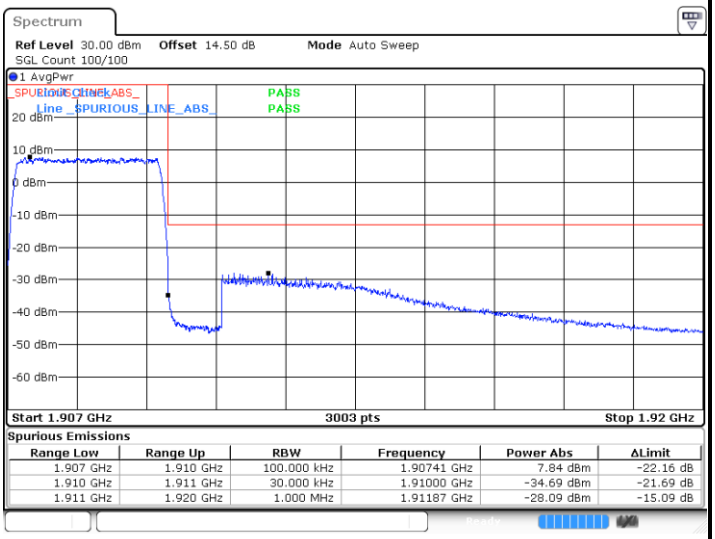
Date: 2.JUL.2025 10:10:43

Lowest Band Edge / Full RB



Date: 2.JUL.2025 10:06:44

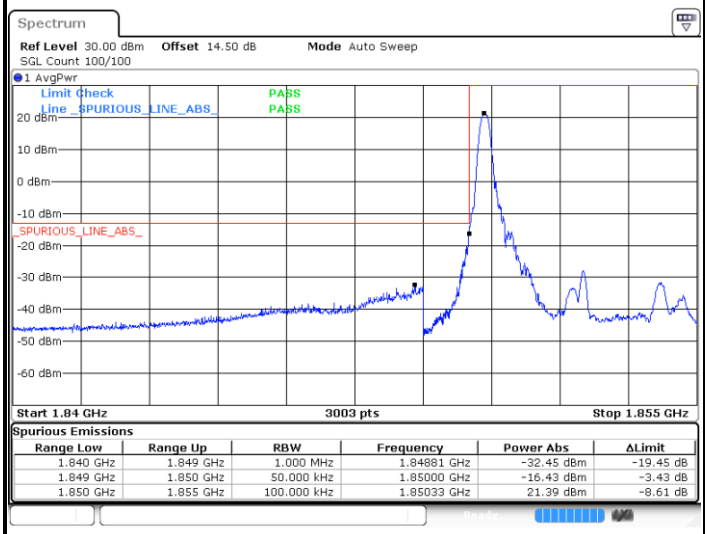
Highest Band Edge / Full RB



Date: 2.JUL.2025 10:12:21

LTE Band 2 / 5MHz / QPSK

Lowest Band Edge / 1RB

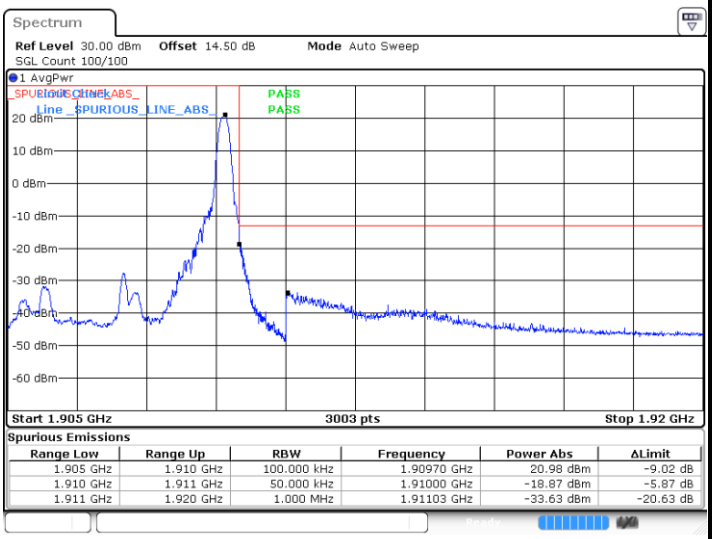


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84881 GHz	-32.45 dBm	-19.45 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.85000 GHz	-16.43 dBm	-3.43 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85033 GHz	21.39 dBm	-8.61 dB

Date: 2.JUL.2025 10:17:30

Highest Band Edge / 1RB

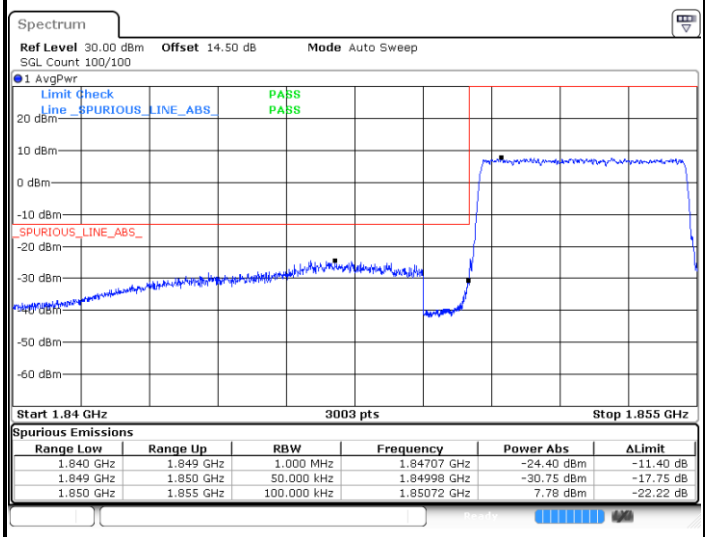


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90970 GHz	20.98 dBm	-9.02 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91000 GHz	-18.87 dBm	-5.87 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91103 GHz	-33.63 dBm	-20.63 dB

Date: 2.JUL.2025 10:24:07

Lowest Band Edge / Full RB

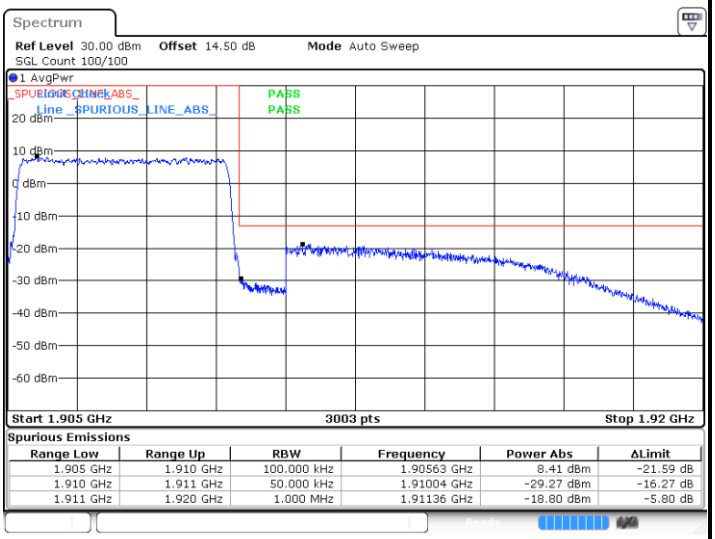


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84707 GHz	-24.40 dBm	-11.40 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.84998 GHz	-30.75 dBm	-17.75 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85072 GHz	7.78 dBm	-22.22 dB

Date: 2.JUL.2025 10:20:09

Highest Band Edge / Full RB



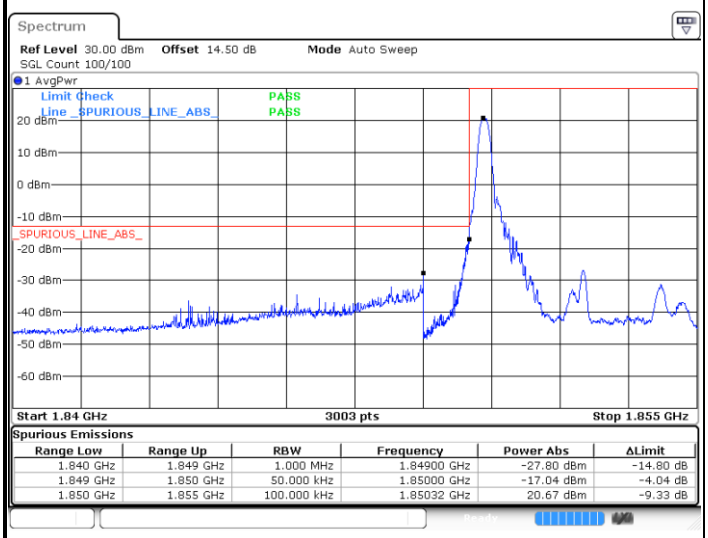
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90563 GHz	8.41 dBm	-21.59 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91004 GHz	-29.27 dBm	-16.27 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91136 GHz	-18.80 dBm	-5.80 dB

Date: 2.JUL.2025 10:25:46

LTE Band 2 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

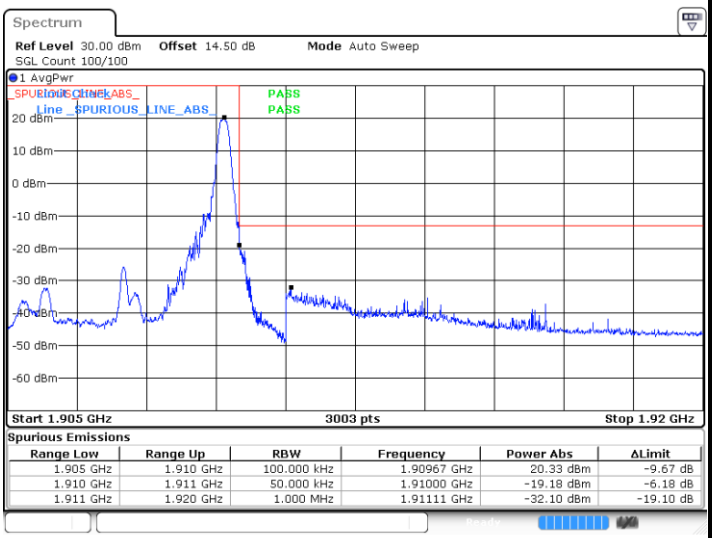


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84900 GHz	-27.80 dBm	-14.80 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.85000 GHz	-17.04 dBm	-4.04 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85032 GHz	20.67 dBm	-9.33 dB

Date: 2.JUL.2025 10:18:03

Highest Band Edge / 1 RB

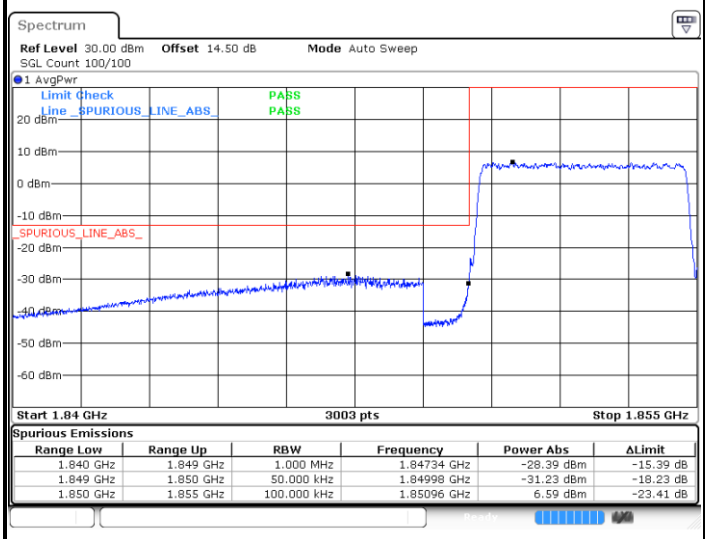


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90967 GHz	20.33 dBm	-9.67 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91000 GHz	-19.18 dBm	-6.18 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91111 GHz	-32.10 dBm	-19.10 dB

Date: 2.JUL.2025 10:24:40

Lowest Band Edge / Full RB

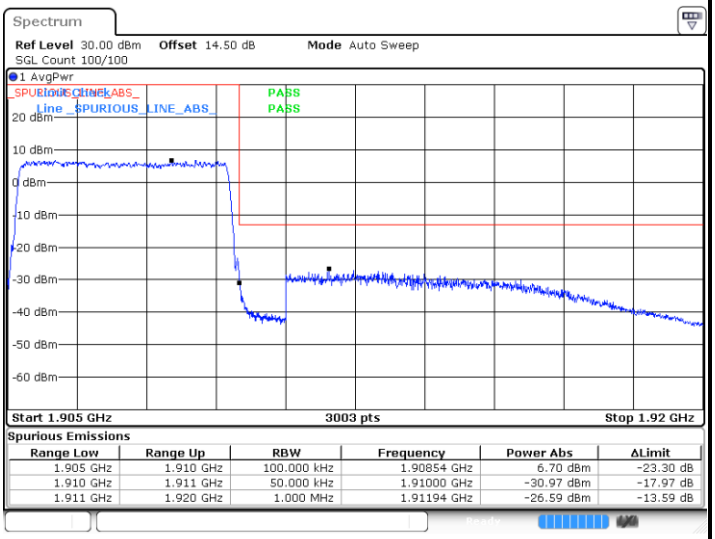


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84734 GHz	-28.39 dBm	-15.39 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.84998 GHz	-31.23 dBm	-18.23 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85096 GHz	6.59 dBm	-23.41 dB

Date: 2.JUL.2025 10:20:42

Highest Band Edge / Full RB



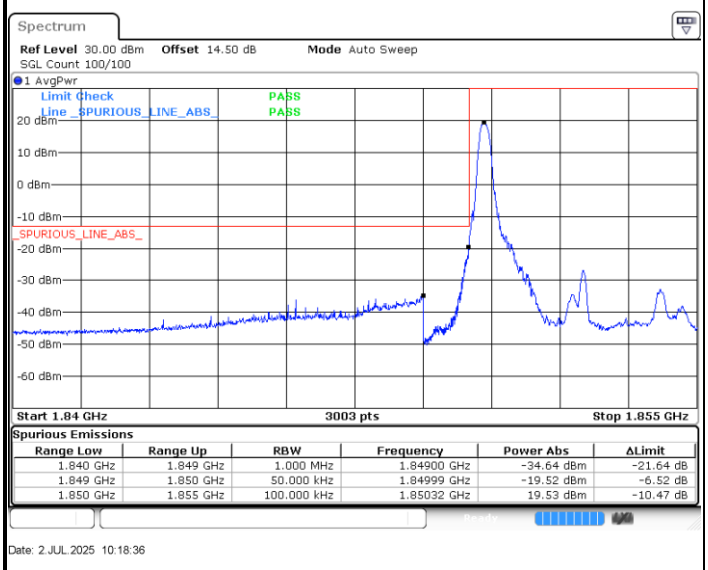
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90854 GHz	6.70 dBm	-23.30 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91000 GHz	-30.97 dBm	-17.97 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91194 GHz	-26.59 dBm	-13.59 dB

Date: 2.JUL.2025 10:26:19

LTE Band 2 / 5MHz / 64QAM

Lowest Band Edge / 1 RB

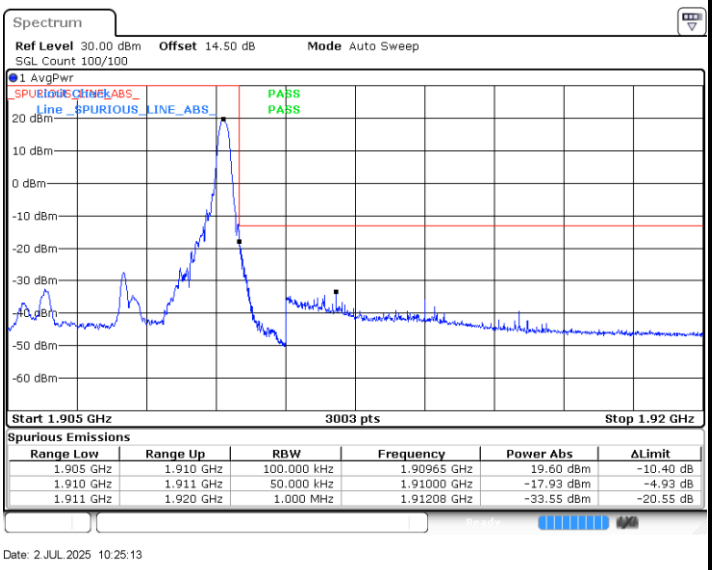


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84900 GHz	-34.64 dBm	-21.64 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.84999 GHz	-19.52 dBm	-6.52 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85032 GHz	19.53 dBm	-10.47 dB

Date: 2.JUL.2025 10:18:36

Highest Band Edge / 1 RB

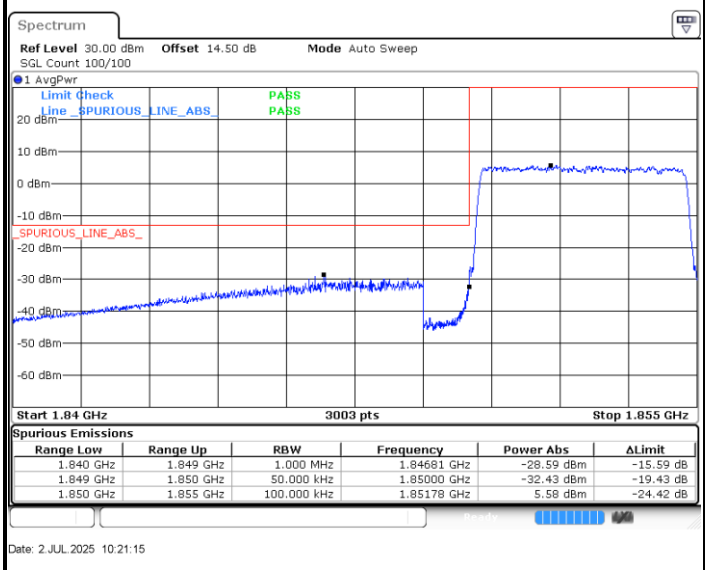


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90965 GHz	19.60 dBm	-10.40 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91000 GHz	-17.93 dBm	-4.93 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91208 GHz	-33.55 dBm	-20.55 dB

Date: 2.JUL.2025 10:25:13

Lowest Band Edge / Full RB

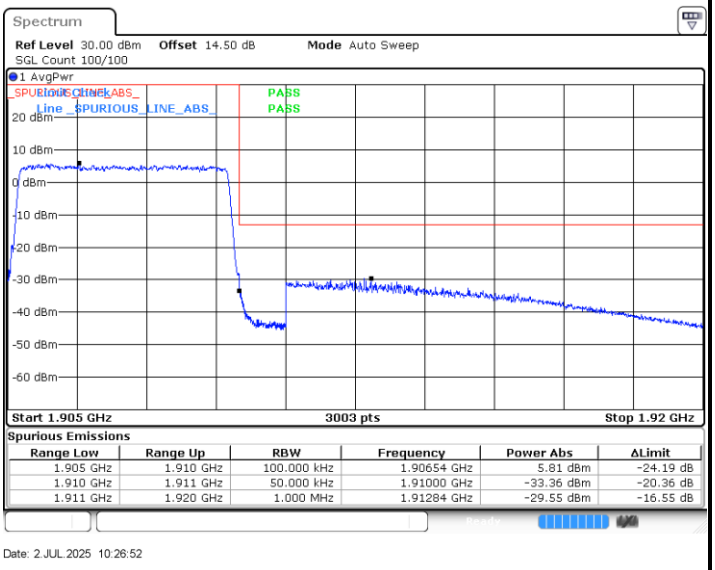


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84681 GHz	-28.59 dBm	-15.59 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.85000 GHz	-32.43 dBm	-19.43 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85178 GHz	5.58 dBm	-24.42 dB

Date: 2.JUL.2025 10:21:15

Highest Band Edge / Full RB



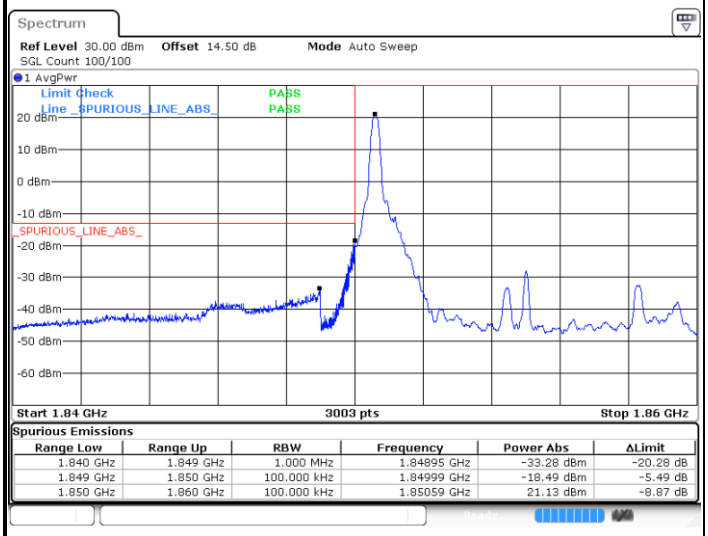
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90654 GHz	5.81 dBm	-24.19 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91000 GHz	-33.36 dBm	-20.36 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91284 GHz	-29.55 dBm	-16.55 dB

Date: 2.JUL.2025 10:26:52

LTE Band 2 / 10MHz / QPSK

Lowest Band Edge / 1RB

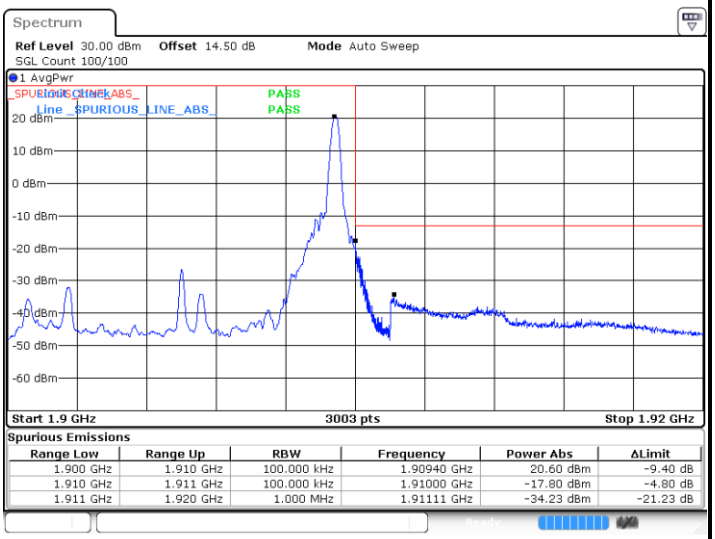


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84895 GHz	-33.28 dBm	-20.28 dB
1.849 GHz	1.850 GHz	100.000 kHz	1.84999 GHz	-18.49 dBm	-5.49 dB
1.850 GHz	1.860 GHz	100.000 kHz	1.85059 GHz	21.13 dBm	-8.87 dB

Date: 2.JUL.2025 10:31:03

Highest Band Edge / 1RB

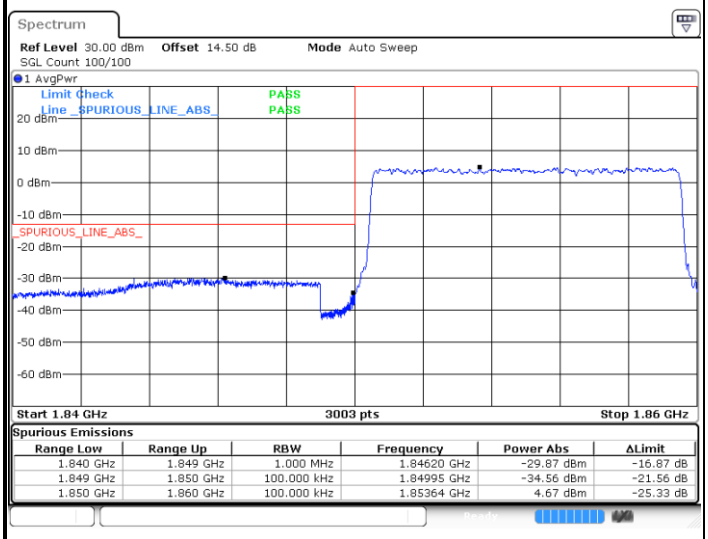


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.900 GHz	1.910 GHz	100.000 kHz	1.90940 GHz	20.60 dBm	-9.40 dB
1.910 GHz	1.911 GHz	100.000 kHz	1.91000 GHz	-17.80 dBm	-4.80 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91111 GHz	-34.23 dBm	-21.23 dB

Date: 2.JUL.2025 10:37:40

Lowest Band Edge / Full RB

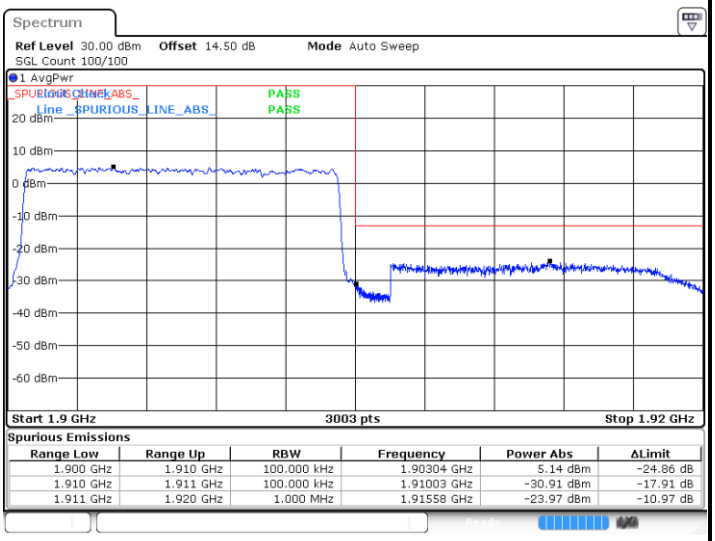


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84620 GHz	-29.87 dBm	-16.87 dB
1.849 GHz	1.850 GHz	100.000 kHz	1.84995 GHz	-34.56 dBm	-21.56 dB
1.850 GHz	1.860 GHz	100.000 kHz	1.85364 GHz	4.67 dBm	-25.33 dB

Date: 2.JUL.2025 10:32:41

Highest Band Edge / Full RB



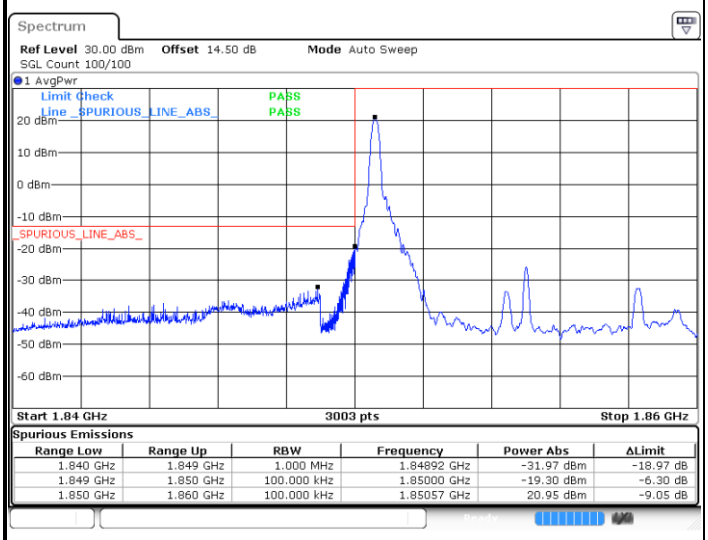
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.900 GHz	1.910 GHz	100.000 kHz	1.90304 GHz	5.14 dBm	-24.86 dB
1.910 GHz	1.911 GHz	100.000 kHz	1.91003 GHz	-30.91 dBm	-17.91 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91558 GHz	-23.97 dBm	-10.97 dB

Date: 2.JUL.2025 10:39:19

LTE Band 2 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

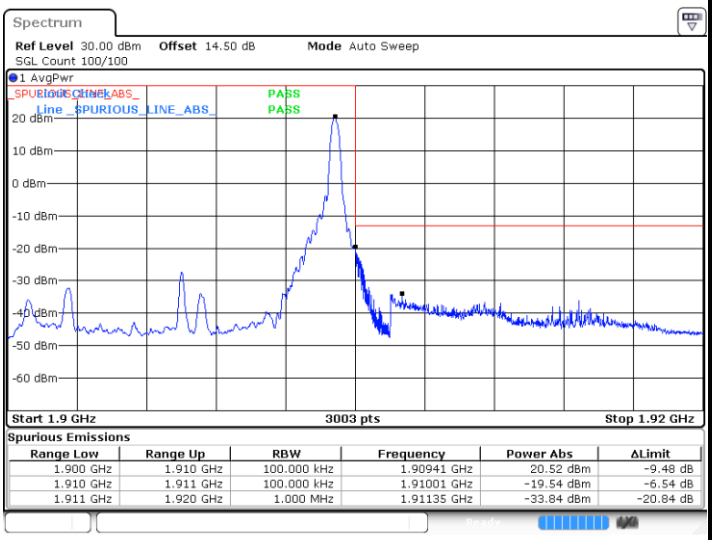


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84892 GHz	-31.97 dBm	-18.97 dB
1.849 GHz	1.850 GHz	100.000 kHz	1.85000 GHz	-19.30 dBm	-6.30 dB
1.850 GHz	1.860 GHz	100.000 kHz	1.85057 GHz	20.95 dBm	-9.05 dB

Date: 2.JUL.2025 10:31:36

Highest Band Edge / 1 RB

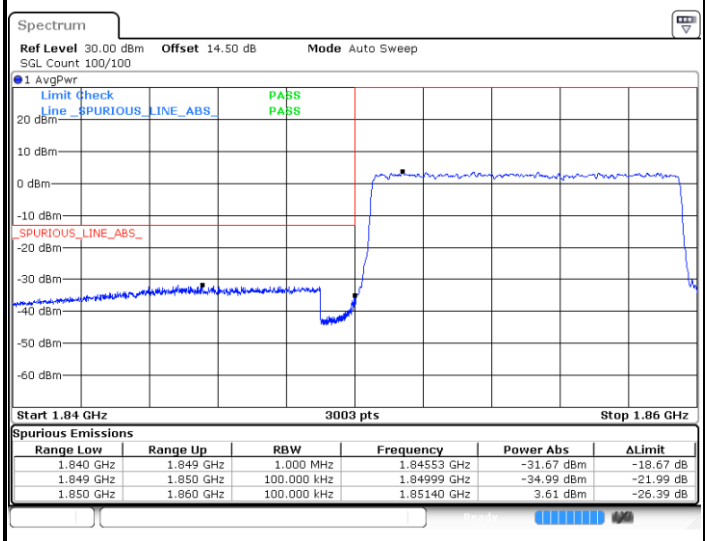


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.900 GHz	1.910 GHz	100.000 kHz	1.90941 GHz	20.52 dBm	-9.48 dB
1.910 GHz	1.911 GHz	100.000 kHz	1.91001 GHz	-19.54 dBm	-6.54 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91135 GHz	-33.84 dBm	-20.84 dB

Date: 2.JUL.2025 10:38:13

Lowest Band Edge / Full RB

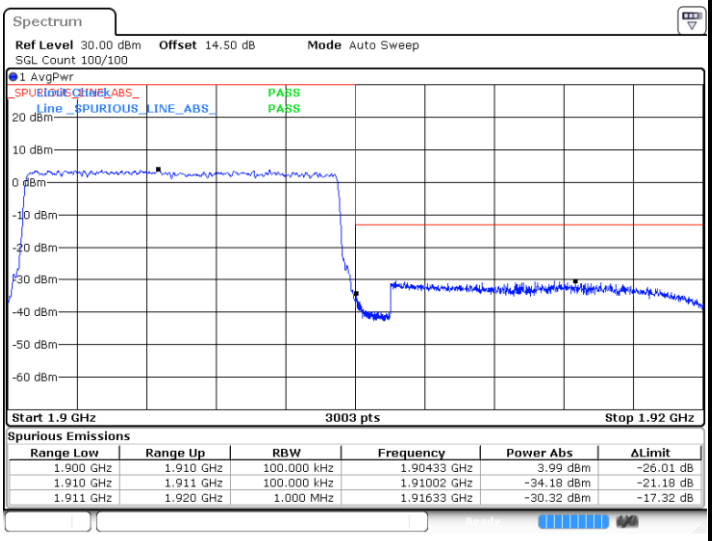


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84553 GHz	-31.67 dBm	-18.67 dB
1.849 GHz	1.850 GHz	100.000 kHz	1.84999 GHz	-34.99 dBm	-21.99 dB
1.850 GHz	1.860 GHz	100.000 kHz	1.85140 GHz	3.61 dBm	-26.39 dB

Date: 2.JUL.2025 10:33:14

Highest Band Edge / Full RB



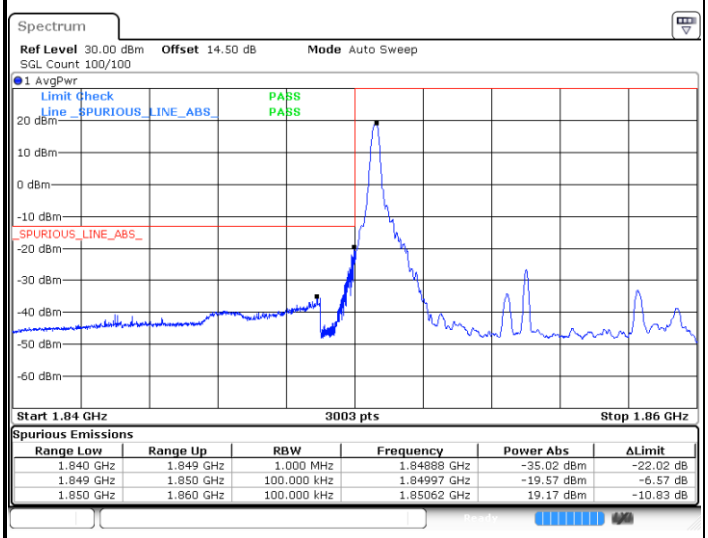
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.900 GHz	1.910 GHz	100.000 kHz	1.90433 GHz	3.99 dBm	-26.01 dB
1.910 GHz	1.911 GHz	100.000 kHz	1.91002 GHz	-34.18 dBm	-21.18 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91633 GHz	-30.32 dBm	-17.32 dB

Date: 2.JUL.2025 10:39:52

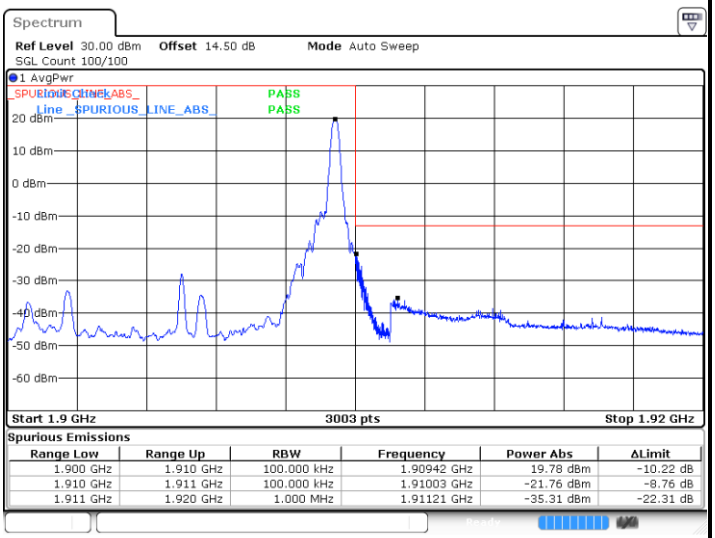
LTE Band 2 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



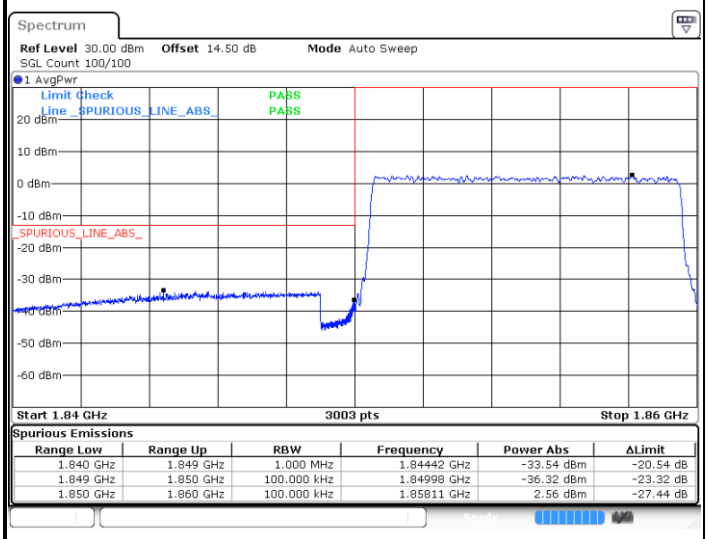
Date: 2.JUL.2025 10:32:09

Highest Band Edge / 1 RB



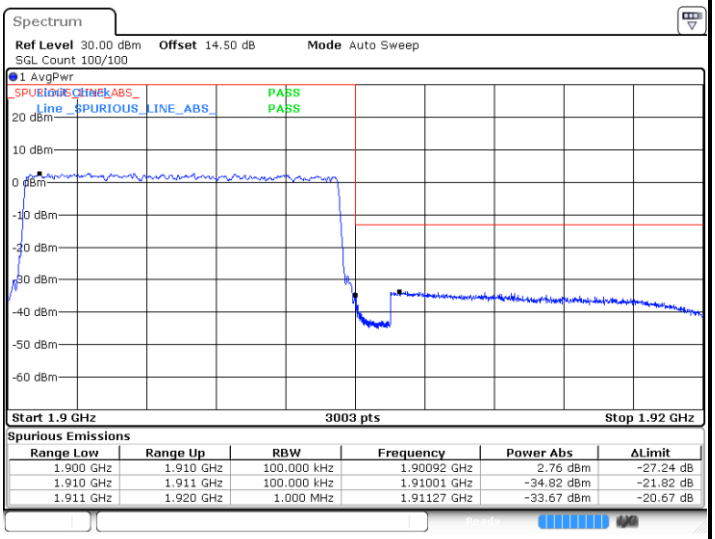
Date: 2.JUL.2025 10:38:46

Lowest Band Edge / Full RB



Date: 2.JUL.2025 10:33:47

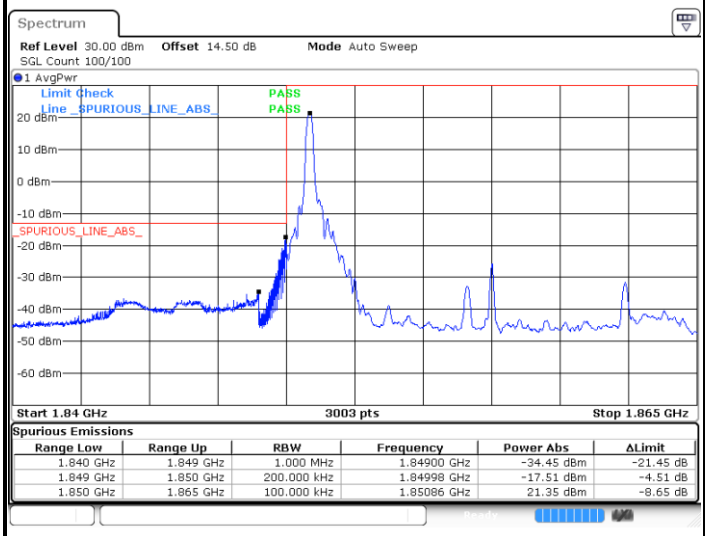
Highest Band Edge / Full RB



Date: 2.JUL.2025 10:40:24

LTE Band 2 / 15MHz / QPSK

Lowest Band Edge / 1RB

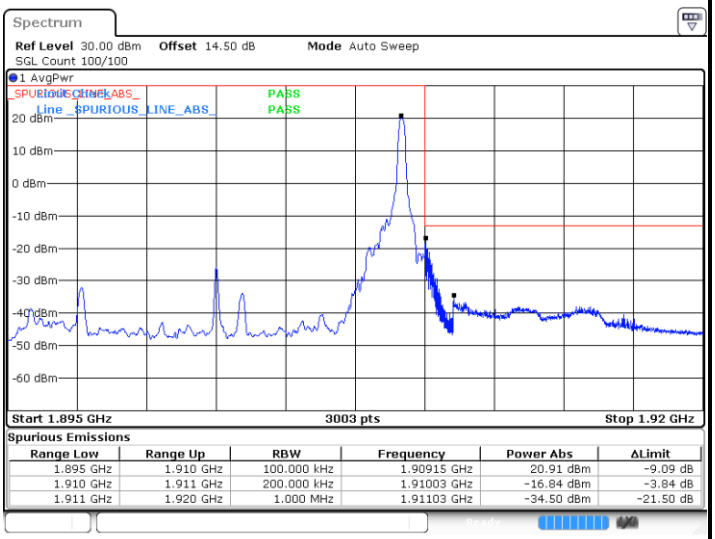


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84900 GHz	-34.45 dBm	-21.45 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84998 GHz	-17.51 dBm	-4.51 dB
1.850 GHz	1.865 GHz	100.000 kHz	1.85086 GHz	21.35 dBm	-8.65 dB

Date: 2.JUL.2025 10:43:28

Highest Band Edge / 1RB

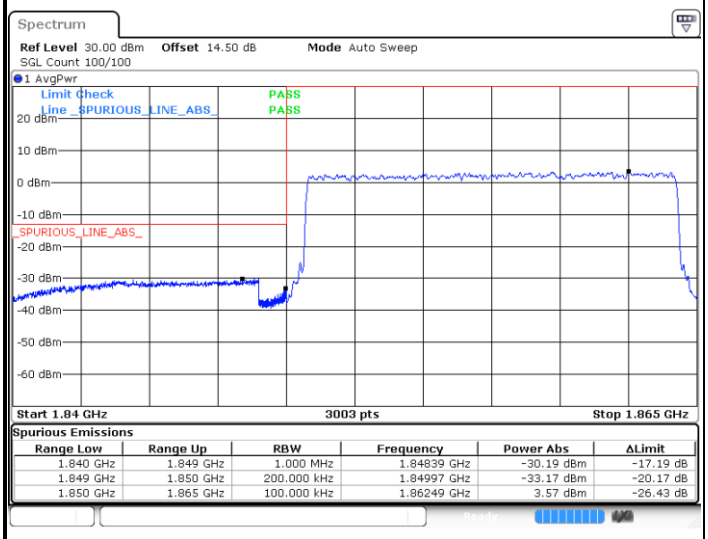


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.895 GHz	1.910 GHz	100.000 kHz	1.90915 GHz	20.91 dBm	-9.09 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91003 GHz	-16.84 dBm	-3.84 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91103 GHz	-34.50 dBm	-21.50 dB

Date: 2.JUL.2025 10:50:06

Lowest Band Edge / Full RB

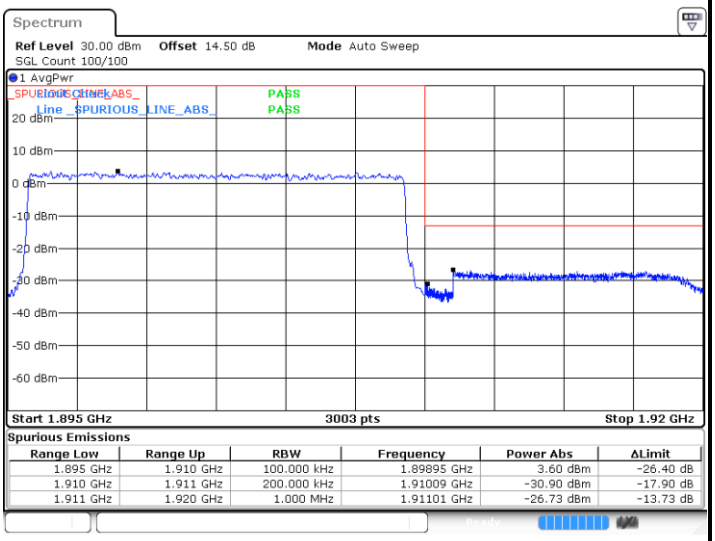


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84839 GHz	-30.19 dBm	-17.19 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84997 GHz	-33.17 dBm	-20.17 dB
1.850 GHz	1.865 GHz	100.000 kHz	1.86249 GHz	3.57 dBm	-26.43 dB

Date: 2.JUL.2025 10:45:07

Highest Band Edge / Full RB



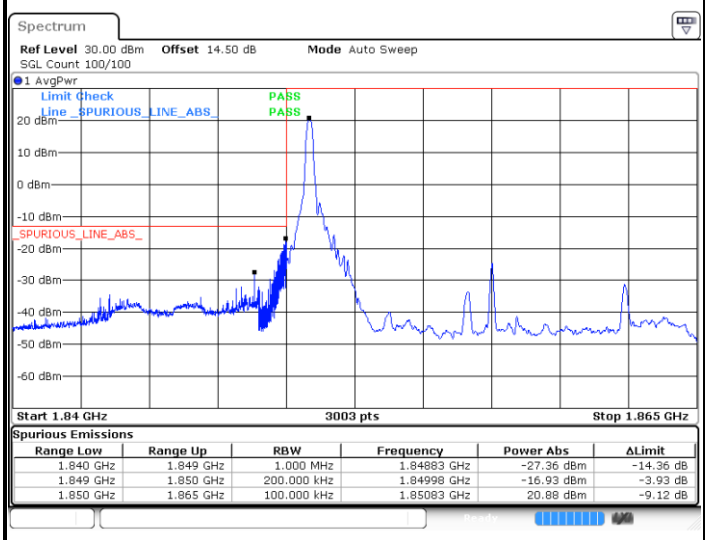
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.895 GHz	1.910 GHz	100.000 kHz	1.89895 GHz	3.60 dBm	-26.40 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91009 GHz	-30.90 dBm	-17.90 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91101 GHz	-26.73 dBm	-13.73 dB

Date: 2.JUL.2025 10:51:45

LTE Band 2 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

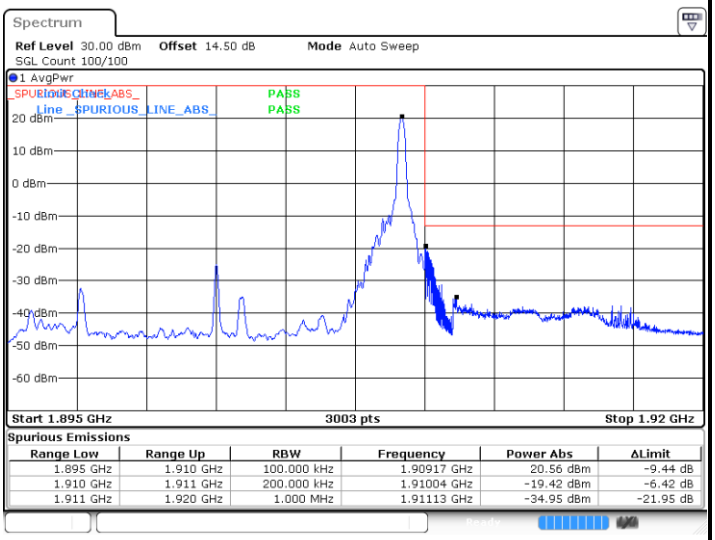


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84883 GHz	-27.36 dBm	-14.36 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84998 GHz	-16.93 dBm	-3.93 dB
1.850 GHz	1.865 GHz	100.000 kHz	1.85083 GHz	20.88 dBm	-9.12 dB

Date: 2.JUL.2025 10:44:01

Highest Band Edge / 1 RB

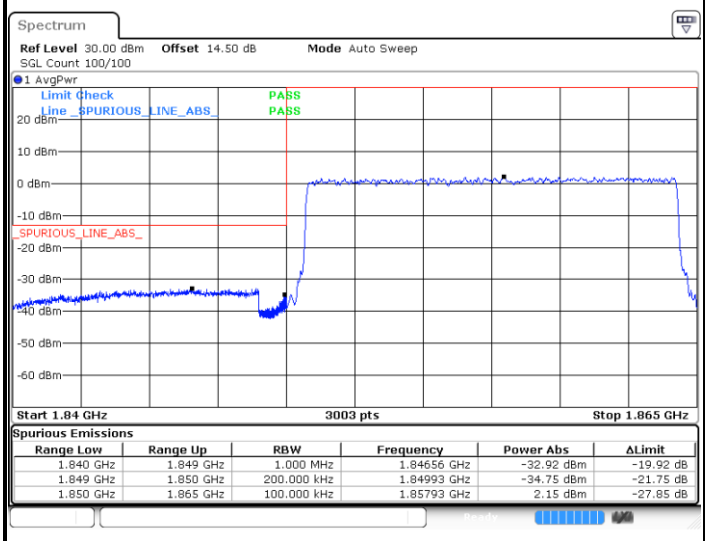


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.895 GHz	1.910 GHz	100.000 kHz	1.90917 GHz	20.56 dBm	-9.44 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91004 GHz	-19.42 dBm	-6.42 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91113 GHz	-34.95 dBm	-21.95 dB

Date: 2.JUL.2025 10:50:39

Lowest Band Edge / Full RB

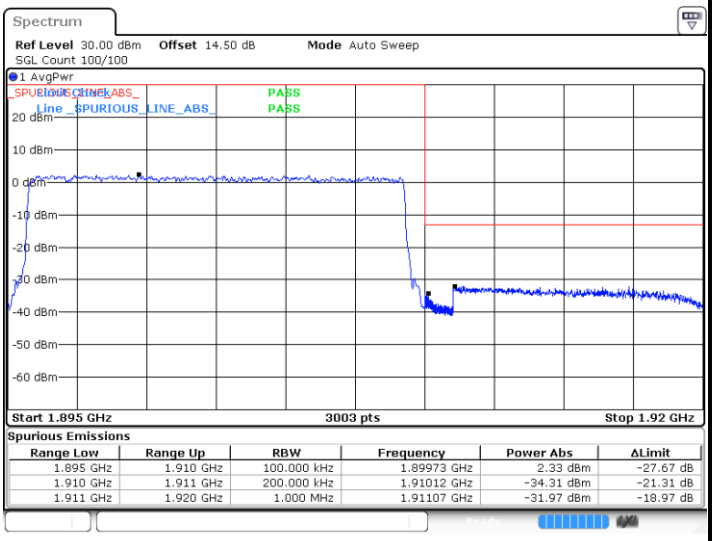


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84656 GHz	-32.92 dBm	-19.92 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84993 GHz	-34.75 dBm	-21.75 dB
1.850 GHz	1.865 GHz	100.000 kHz	1.85793 GHz	2.15 dBm	-27.85 dB

Date: 2.JUL.2025 10:45:40

Highest Band Edge / Full RB



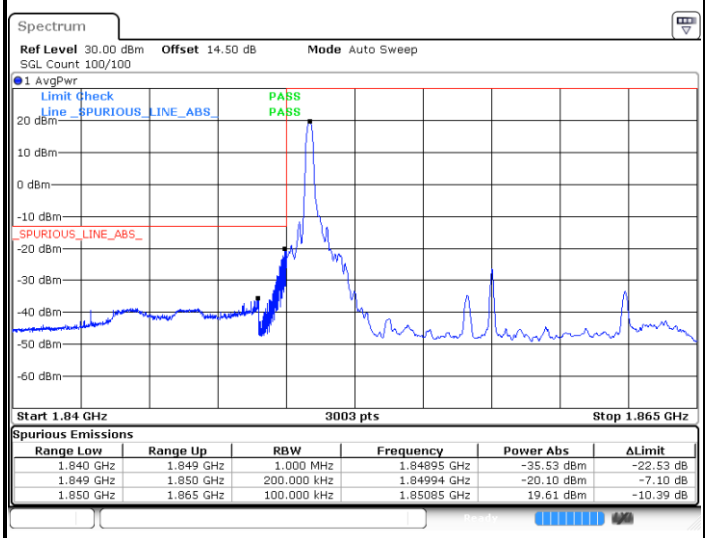
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.895 GHz	1.910 GHz	100.000 kHz	1.89973 GHz	2.33 dBm	-27.67 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91012 GHz	-34.31 dBm	-21.31 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91107 GHz	-31.97 dBm	-18.97 dB

Date: 2.JUL.2025 10:52:18

LTE Band 2 / 15MHz / 64QAM

Lowest Band Edge / 1 RB

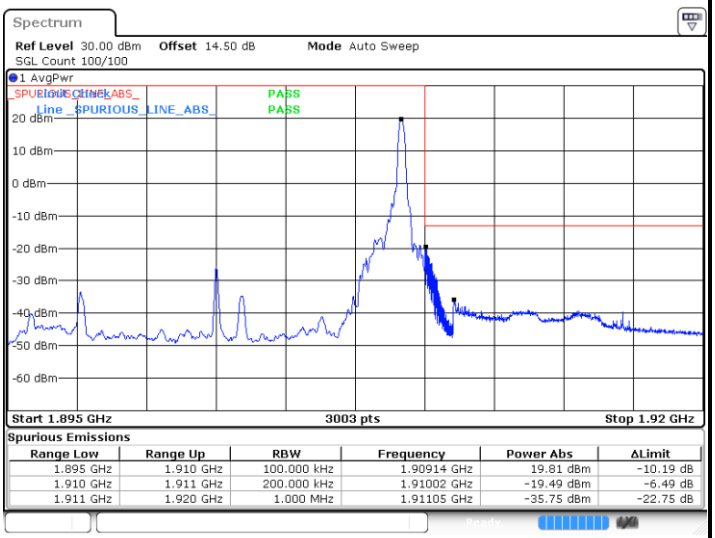


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84895 GHz	-35.53 dBm	-22.53 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84994 GHz	-20.10 dBm	-7.10 dB
1.850 GHz	1.865 GHz	100.000 kHz	1.85085 GHz	19.61 dBm	-10.39 dB

Date: 2.JUL.2025 10:44:34

Highest Band Edge / 1 RB

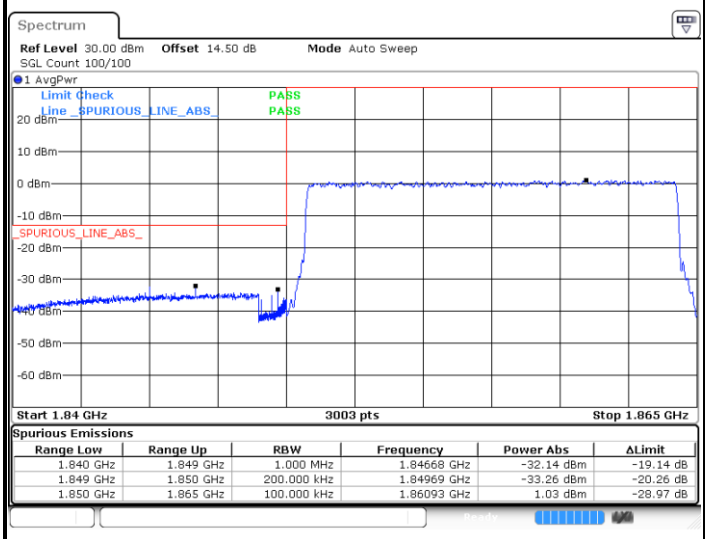


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.895 GHz	1.910 GHz	100.000 kHz	1.90914 GHz	19.81 dBm	-10.19 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91002 GHz	-19.49 dBm	-6.49 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91105 GHz	-35.75 dBm	-22.75 dB

Date: 2.JUL.2025 10:51:11

Lowest Band Edge / Full RB

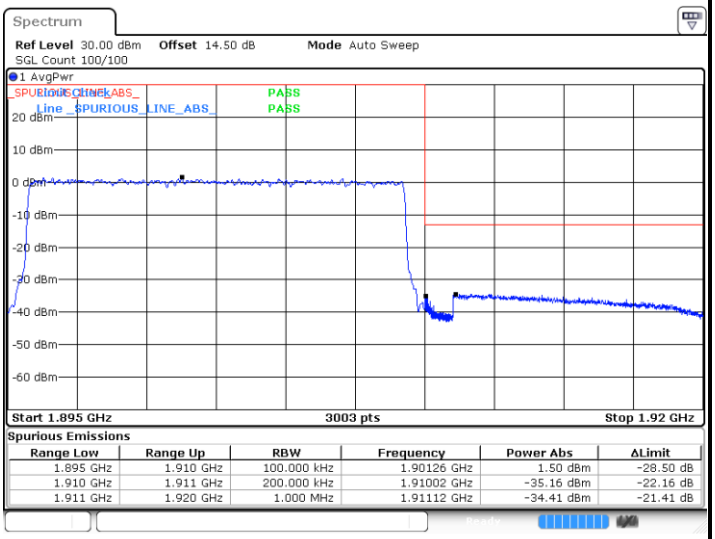


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84668 GHz	-32.14 dBm	-19.14 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84969 GHz	-33.26 dBm	-20.26 dB
1.850 GHz	1.865 GHz	100.000 kHz	1.86093 GHz	1.03 dBm	-28.97 dB

Date: 2.JUL.2025 10:46:13

Highest Band Edge / Full RB



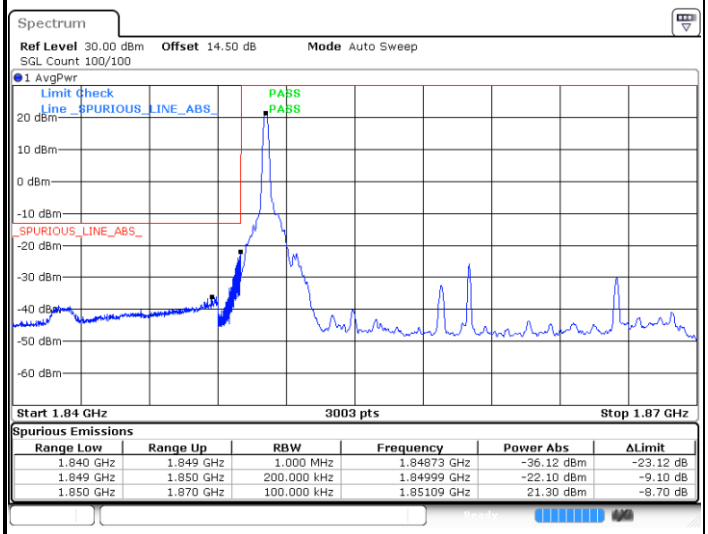
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.895 GHz	1.910 GHz	100.000 kHz	1.90126 GHz	1.50 dBm	-28.50 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91002 GHz	-35.16 dBm	-22.16 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91112 GHz	-34.41 dBm	-21.41 dB

Date: 2.JUL.2025 10:52:50

Band 2 / 20MHz / QPSK

Lowest Band Edge / 1RB

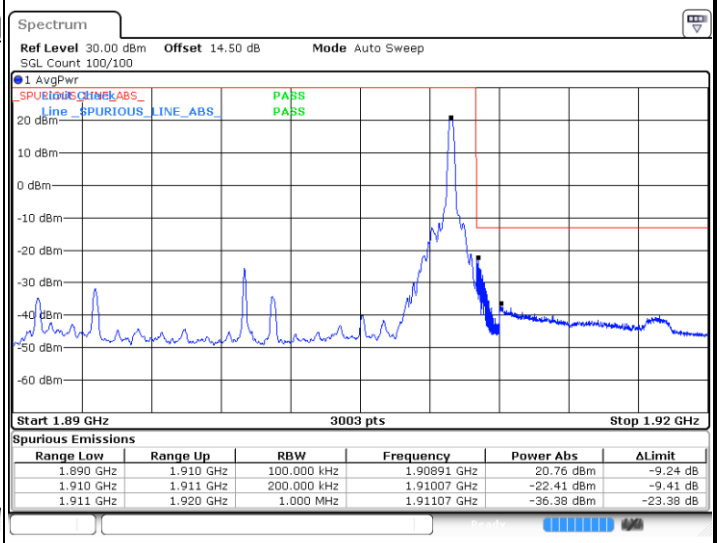


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84873 GHz	-36.12 dBm	-23.12 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84999 GHz	-22.10 dBm	-9.10 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.85109 GHz	21.30 dBm	-8.70 dB

Date: 2.JUL.2025 11:07:04

Highest Band Edge / 1RB

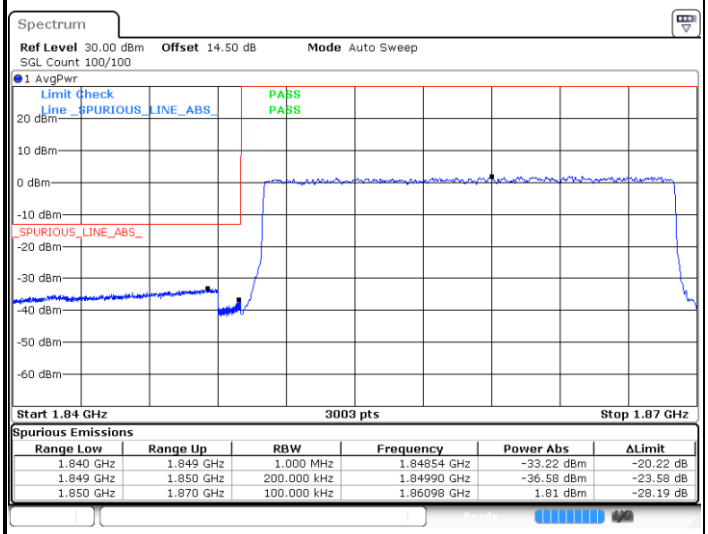


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.890 GHz	1.910 GHz	100.000 kHz	1.90891 GHz	20.76 dBm	-9.24 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91007 GHz	-22.41 dBm	-9.41 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91107 GHz	-36.38 dBm	-23.38 dB

Date: 2.JUL.2025 11:14:59

Lowest Band Edge / Full RB

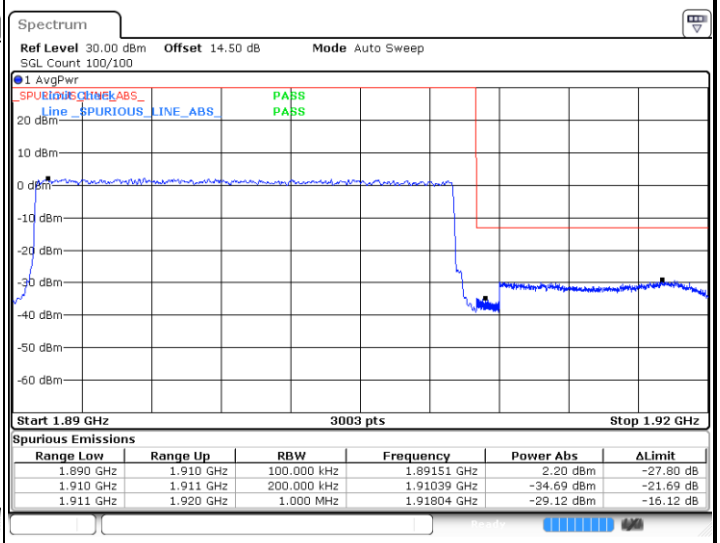


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84854 GHz	-33.22 dBm	-20.22 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84990 GHz	-36.58 dBm	-23.58 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.86098 GHz	1.81 dBm	-28.19 dB

Date: 2.JUL.2025 11:08:44

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	1.89151 GHz	2.20 dBm	-27.80 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91039 GHz	-34.69 dBm	-21.69 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91804 GHz	-29.12 dBm	-16.12 dB

Date: 2.JUL.2025 11:16:32