



FCC RF Test Report

APPLICANT : AllLinkX Inc.
EQUIPMENT : LTE Module
BRAND NAME : AllLinkX
MODEL NAME : A40-NA-01
FCC ID : 2BQGKA40NA00
STANDARD : 47 CFR Part 2, 22(H), 24(E), 27(L), 27(H), 27(F)
CLASSIFICATION : PCS Licensed Transmitter (PCB)
TEST DATE(S) : Aug. 29, 2025 ~ Sep. 29, 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



Sporton International Inc. (ShenZhen)

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People's Republic of China***



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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG571809-01	Rev. 01	Initial issue of report	Sep. 30, 2025



SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1046	Conducted Output Power	Reporting Only	PASS	-
	§22.913(a)(5)	Effective Radiated Power (Band 5)	ERP < 7 Watt	PASS	-
	§27.50(b)(10) §27.50(c)(10)	Effective Radiated Power (Band 12) (Band 13) (Band 17)	ERP < 3 Watt	PASS	-
	§24.232(c)	Equivalent Isotropic Radiated Power (Band 2)	EIRP < 2Watt	PASS	-
	§27.50(d)(4)	Equivalent Isotropic Radiated Power (Band 4) (Band 66)	EIRP < 1Watt	PASS	-
3.5	§2.1049	Occupied Bandwidth	-	Report Only	-
3.6	§2.1051 §22.917(a) §24.238(a) §27.53(c)(2)(4) §27.53(g) §27.53(h)	Conducted Band Edge Measurement (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 66)	< $43+10\log_{10}(P[\text{Watts}])$	PASS	
3.7	§2.1055 §22.355	Frequency Stability Temperature & Voltage	< 2.5 ppm	PASS	-
	§2.1055 §24.235 §27.54		Within Authorized Band		
4.4	§2.1053 §22.917(a) §24.238(a) §27.53(c)(2) §27.53(f) §27.53(g) §27.53(h)	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 66)	< $43+10\log_{10}(P[\text{Watts}])$	PASS	Under limit 11.08 dB at 1564.50 MHz

Note:

This is a variant report. The change notes please refer the product equality declaration which is exhibit submitted. Based on the similarity between current and previous project, only the related test cases from original test report (Sporton Report Number FG571809) were verified for the differences.

Conformity Assessment Condition:

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

Disclaimer:

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



1 General Description

1.1 Applicant

AllLinkX Inc.

8911 N Capital of Texas Hwy, Suite 4200, Austin, TX 78759

1.2 Manufacturer

AllLinkX Inc.

8911 N Capital of Texas Hwy, Suite 4200, Austin, TX 78759

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	LTE Module
Brand Name	AllLinkX
Model Name	A40-NA-01
FCC ID	2BQGKA40NA00
IMEI Code	Radiation: 358986690001688
HW Version	V1.0.1
SW Version	19013.1161.00.02.79.01
EUT Stage	Identical Prototype

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	LTE Band 2 : 1850 MHz ~ 1910 MHz LTE Band 4 : 1710 MHz ~ 1755 MHz LTE Band 5 : 824 MHz ~ 849 MHz LTE Band 12 : 699 MHz ~ 716 MHz LTE Band 13 : 777 MHz ~ 787 MHz LTE Band 17 : 704 MHz ~ 716 MHz LTE Band 66 : 1710 MHz ~ 1780 MHz
Rx Frequency	LTE Band 2 : 1930 MHz ~ 1990 MHz LTE Band 4 : 2110 MHz ~ 2155 MHz LTE Band 5 : 869 MHz ~ 894 MHz LTE Band 12 : 729 MHz ~ 746 MHz LTE Band 13 : 746 MHz ~ 756 MHz LTE Band 17 : 734 MHz ~ 746 MHz LTE Band 66 : 2110 MHz ~ 2180 MHz
Bandwidth	LTE Band 2 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 4 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 5 : 1.4MHz / 3MHz / 5MHz / 10MHz LTE Band 12 : 1.4MHz / 3MHz / 5MHz / 10MHz LTE Band 13 : 5MHz / 10MHz LTE Band 17 : 5MHz / 10MHz LTE Band 26 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz
Maximum Output Power to Antenna	LTE Band 2 : 22.98 dBm LTE Band 4 : 22.96 dBm LTE Band 5 : 22.70 dBm LTE Band 12 : 22.96 dBm LTE Band 13 : 22.84 dBm LTE Band 17 : 22.95 dBm LTE Band 66 : 23.08 dBm
Antenna Gain	LTE Band 2 : 7.43 dBi LTE Band 4 : 4.36 dBi LTE Band 5 : 8.91 dBi LTE Band 12 : 8.2 dBi LTE Band 13 : 8.66 dBi LTE Band 17 : 8.2 dBi LTE Band 66 : 4.38 dBi
Type of Modulation	QPSK / 16QAM

1.5 Modification of EUT

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



1.6 Maximum Conducted Power and Emission Designator

LTE Band 2		QPSK		16QAM	
BW (MHz)	Frequency Range (MHz)	Maximum Conducted power (W)	Emission Designator (99%OBW)	Maximum Conducted power (W)	Emission Designator (99%OBW)
1.4	1850.7 ~ 1909.3	0.1982	1M10G7D	0.1409	1M10W7D
3	1851.5 ~ 1908.5	0.1963	2M73G7D	0.1403	2M73W7D
5	1852.5 ~ 1907.5	0.1972	4M53G7D	0.1413	4M50W7D
10	1855.0 ~ 1905.0	0.1968	9M11G7D	0.1393	9M05W7D
15	1857.5 ~ 1902.5	0.1954	13M4G7D	0.1413	13M5W7D
20	1860.0 ~ 1900.0	0.1986	17M9G7D	0.1416	17M9W7D
LTE Band 4		QPSK		16QAM	
BW (MHz)	Frequency Range (MHz)	Maximum Conducted power (W)	Emission Designator (99%OBW)	Maximum Conducted power (W)	Emission Designator (99%OBW)
1.4	1710.7 ~ 1754.3	0.1972	1M10G7D	0.1409	1M10W7D
3	1711.5 ~ 1753.5	0.1968	2M72G7D	0.1406	2M72W7D
5	1712.5 ~ 1752.5	0.1963	4M49G7D	0.1403	4M50W7D
10	1715.0 ~ 1750.0	0.1968	9M07G7D	0.1409	9M03W7D
15	1717.5 ~ 1747.5	0.1959	13M5G7D	0.1400	13M4W7D
20	1720.0 ~ 1745.0	0.1977	17M9G7D	0.1413	17M9W7D
LTE Band 5		QPSK		16QAM	
BW (MHz)	Frequency Range (MHz)	Maximum Conducted power (W)	Emission Designator (99%OBW)	Maximum Conducted power (W)	Emission Designator (99%OBW)
1.4	824.7 ~ 848.3	0.1858	1M09G7D	0.1321	1M10W7D
3	825.5 ~ 847.5	0.1832	2M72G7D	0.1309	2M72W7D
5	826.5 ~ 846.5	0.1845	4M51G7D	0.1318	4M51W7D
10	829.0 ~ 844.0	0.1862	9M09G7D	0.1334	9M03W7D
LTE Band 12		QPSK		16QAM	
BW (MHz)	Frequency Range (MHz)	Maximum Conducted power (W)	Emission Designator (99%OBW)	Maximum Conducted power (W)	Emission Designator (99%OBW)
1.4	699.7 ~ 715.3	0.1945	1M10G7D	0.1371	1M10W7D
3	700.5 ~ 714.5	0.1945	2M74G7D	0.1374	2M73W7D
5	701.5 ~ 713.5	0.1910	4M49G7D	0.1377	4M50W7D
10	704.0 ~ 711.0	0.1977	9M05G7D	0.1377	9M01W7D



LTE Band 13		QPSK		16QAM	
BW (MHz)	Frequency Range (MHz)	Maximum Conducted power (W)	Emission Designator (99%OBW)	Maximum Conducted power (W)	Emission Designator (99%OBW)
5	779.5 ~ 784.5	0.1914	4M50G7D	0.1355	4M49W7D
10	782.0	0.1923	9M03G7D	0.1358	9M01W7D
LTE Band 17		QPSK		16QAM	
BW (MHz)	Frequency Range (MHz)	Maximum Conducted power (W)	Emission Designator (99%OBW)	Maximum Conducted power (W)	Emission Designator (99%OBW)
5	706.5 ~ 713.5	0.1954	4M49G7D	0.1393	4M50W7D
10	709.0 ~ 711.0	0.1972	9M05G7D	0.1396	9M01W7D
LTE Band 66		QPSK		16QAM	
BW (MHz)	Frequency Range (MHz)	Maximum Conducted power (W)	Emission Designator (99%OBW)	Maximum Conducted power (W)	Emission Designator (99%OBW)
1.4	1710.7 ~ 1779.3	0.2023	1M10G7D	0.1442	1M10W7D
3	1711.5 ~ 1778.5	0.2023	2M72G7D	0.1439	2M72W7D
5	1712.5 ~ 1777.5	0.2014	4M49G7D	0.1419	4M50W7D
10	1715.0 ~ 1775.0	0.2018	9M07G7D	0.1406	9M03W7D
15	1717.5 ~ 1772.5	0.2018	13M5G7D	0.1445	13M4W7D
20	1720.0 ~ 1770.0	0.2032	17M9G7D	0.1452	17M9W7D

Note:

1. 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.
2. LTE Band 12 overlaps the entire frequency range of LTE Band 17. Therefore, the test results provided in this report covers Band 12 as well as Band 17.
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 03CH02-SZ	CN1256	421272

1.8 Test Software

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

1.9 Applicable Standards

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

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

Remark:

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



2 Test Configuration of Equipment Under Test

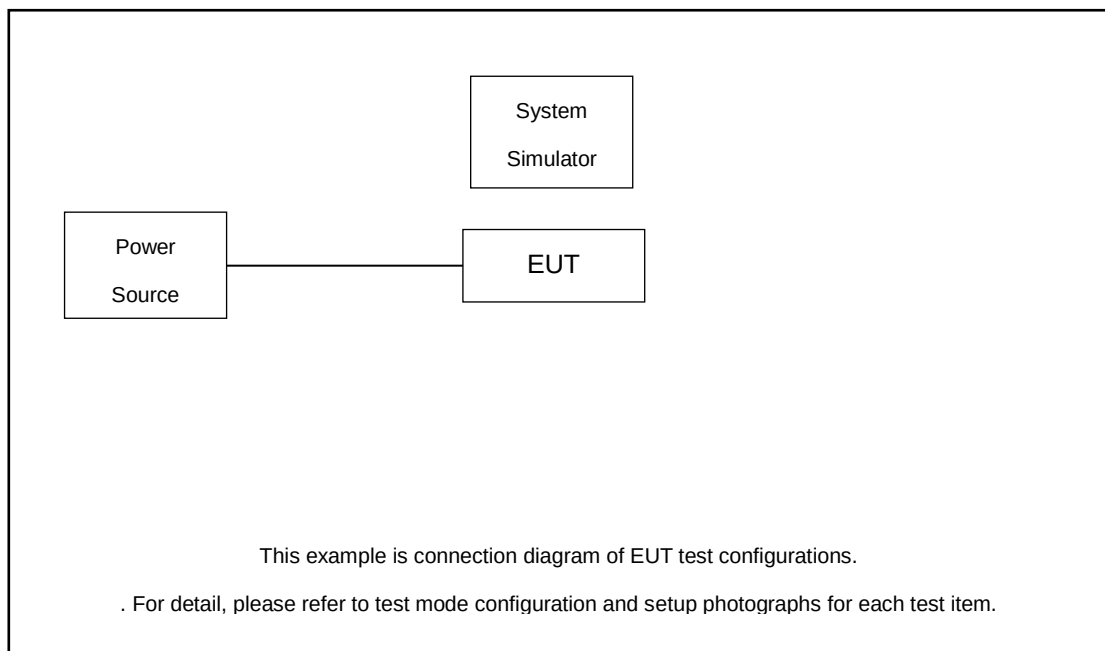
2.1 Test Mode

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

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

Test Items	Band	Bandwidth (MHz)						Modulation			RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QA M	64QA M	1	Half	Full	L	M	H
Max. Output Power	2	v	v	v	v	v	v	v	v	-	v	v	v	v	v	v
	4	v	v	v	v	v	v	v	v	-	v	v	v	v	v	v
	5	v	v	v	v	-	-	v	v	-	v	v	v	v	v	v
	12	v	v	v	v	-	-	v	v	-	v	v	v	v	v	v
	13	-	-	v	v	-	-	v	v	-	v	v	v	v	v	v
	17	-	-	v	v	-	-	v	v	-	v	v	v	v	v	v
	66	v	v	v	v	v	v	v	v	-	v	v	v	v	v	v
99% Bandwidth	2	v	v	v	v	v	v	v	v	-			v	v	v	v
	5	v	v	v	v	-	-	v	v	-			v	v	v	v
	12	v	v	v	v	-	-	v	v	-			v	v	v	v
	13	-	-	v	v	-	-	v	v	-			v	v	v	v
	66	v	v	v	v	v	v	v	v	-			v	v	v	v
Conducted Band Edge	2						v		v		v		v	v		v
	5				v	-	-		v		v		v	v		v
	12				v	-	-		v		v		v	v		v
	13	-	-		v	-	-		v		v		v	v		v
	66						v		v		v		v	v		v
Frequency Stability	5				v	-	-	v		-			v		v	
E.R.P / E.I.R.P	2	v	v	v	v	v	v	v	v	-	v	v	v	v	v	v
	4	v	v	v	v	v	v	v	v	-	v	v	v	v	v	v
	5	v	v	v	v	-	-	v	v	-	v	v	v	v	v	v
	12	v	v	v	v	-	-	v	v	-	v	v	v	v	v	v
	13	-	-	v	v	-	-	v	v	-	v	v	v	v	v	v
	17	-	-	v	v	-	-	v	v	-	v	v	v	v	v	v
	66	v	v	v	v	v	v	v	v	-	v	v	v	v	v	v
Radiated Spurious Emission	2	Worst Case												v	v	v
	5	Worst Case												v	v	v
	12	Worst Case												v	v	v
	13	Worst Case												v	v	v
	66	Worst Case												v	v	v
Note	1. The mark “v” means that this configuration is chosen for testing 2. The mark “-” means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.															

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 Frequency List of Low/Middle/High Channels

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

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



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

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

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

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



LTE Band 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

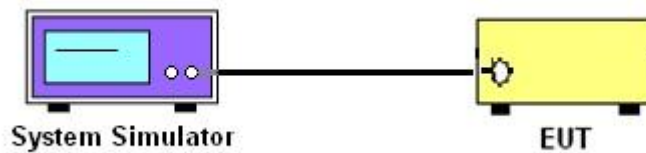
3 Conducted Test Items

3.1 Measuring Instruments

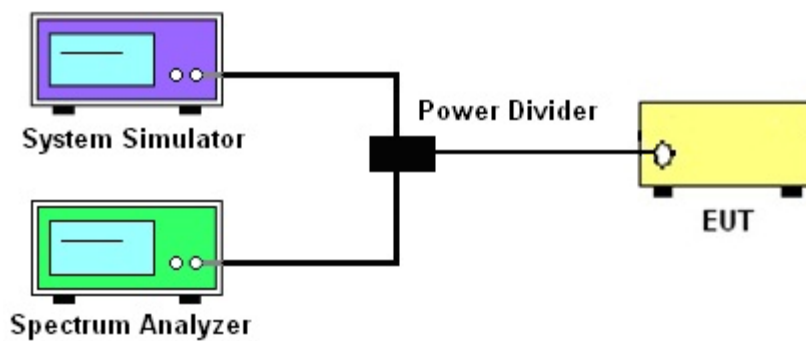
See list of measuring instruments of this test report.

3.2 Test Setup

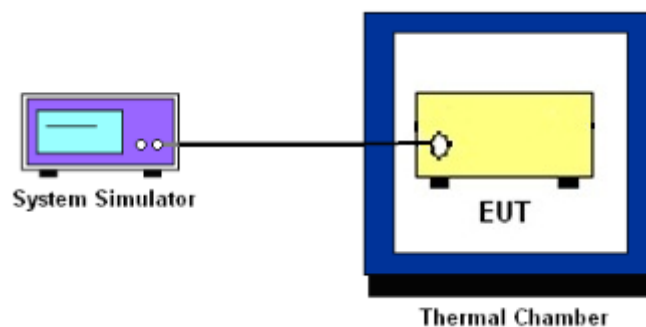
3.2.1 Conducted Output Power



3.2.2 Occupied Bandwidth ,Conducted Band-Edge



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.

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

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

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

According to KDB 412172 D01 Power Approach,

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

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

3.4.2 Test Procedures

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



3.5 Occupied Bandwidth

3.5.1 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.

3.5.2 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.

3.6 Conducted Band Edge

3.6.1 Description of Conducted Band Edge Measurement

22.917(a)

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

24.238 (a)

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

27.53 (c)

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

27.53 (g)

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

27.53 (h)

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

3.6.2 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 band edges of low and high channels for the highest RF powers were measured.
4. Set RBW $\geq$ 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
5. Beyond the 1 MHz band from the band edge, RBW=1MHz was used
6. Set spectrum analyzer with RMS detector.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
8. Checked that all the results comply with the emission limit line.

Example:

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

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

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

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

3.7 Frequency Stability

3.7.1 Description of Frequency Stability Measurement

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

3.7.2 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.

3.7.3 Test Procedures for Voltage Variation

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

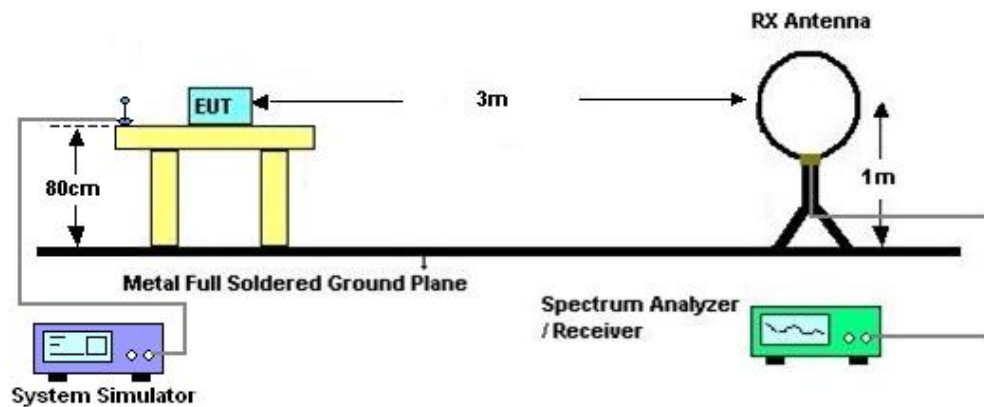
4 Radiated Test Items

4.1 Measuring Instruments

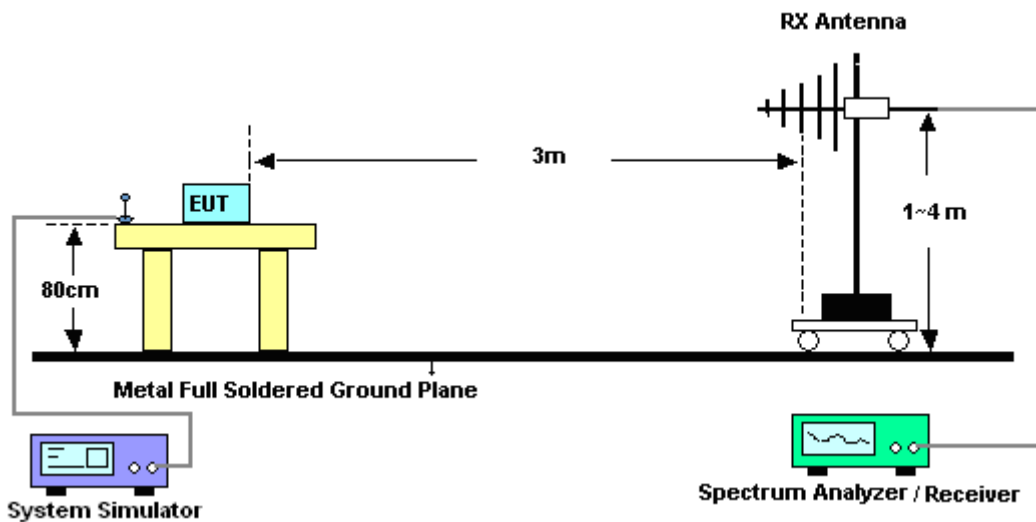
See list of measuring instruments of this test report.

4.2 Test Setup

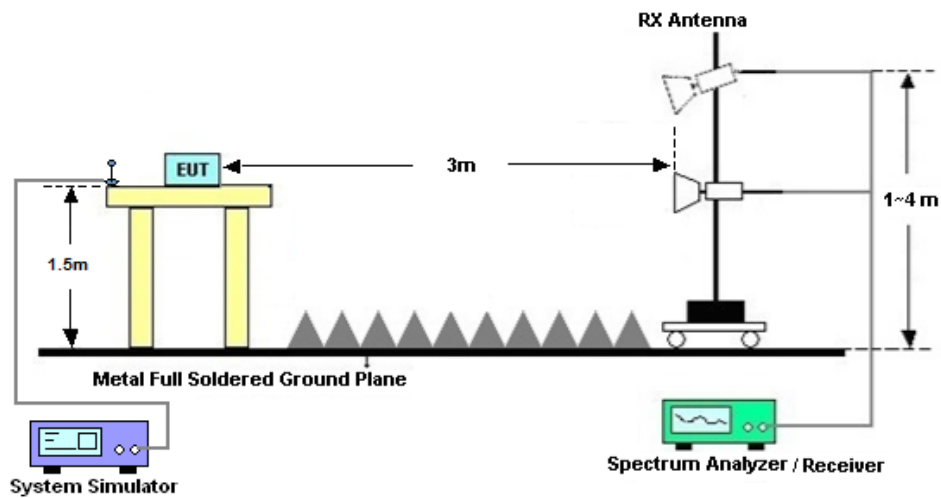
4.2.1 For radiated test below 30MHz



4.2.2 For radiated test from 30MHz to 1GHz



4.2.3 For radiated test above 1GHz



4.3 Test Result of Radiated Test

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

Please refer to Appendix B.

4.4 Radiated Spurious Emission

4.4.1 Description of Radiated Spurious Emission

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

For LTE Band 13

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

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

4.4.2 Test Procedures

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

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



5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 02, 2025	Sep. 19, 2025~ Sep. 29, 2025	Apr. 01, 2026	Conducted (TH01-SZ)
DC Power Supply	TTI	PL330P	290070	Max 32V , 3A	Oct. 14, 2024	Sep. 19, 2025~ Sep. 29, 2025	Oct. 13, 2025	Conducted (TH01-SZ)
Power Divider	Titan	P02N00518 0	923402	0.4GHz~26.5GHz	Nov. 08, 2024	Sep. 19, 2025~ Sep. 29, 2025	Nov. 07, 2025	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H2014081803	-40~+150°C	Jul. 02, 2025	Sep. 19, 2025~ Sep. 29, 2025	Jul. 01, 2026	Conducted (TH01-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 03, 2025	Aug. 29, 2025	Jul. 02, 2026	Radiation (03CH02-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz-2GHz	Oct. 24, 2023	Aug. 29, 2025	Oct. 23, 2025	Radiation (03CH02-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 04, 2025	Aug. 29, 2025	Jul. 04, 2026	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	TTA1840-35 -HG	1871923	18GHz~40GHz	Jul. 03, 2025	Aug. 29, 2025	Jul. 03, 2026	Radiation (03CH02-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 03, 2025	Aug. 29, 2025	Apr. 02, 2027	Radiation (03CH02-SZ)
LF Amplifier	EM Electronics	EM330	060788	20MHz-3GHz	Dec. 25, 2024	Aug. 29, 2025	Dec. 24, 2025	Radiation (03CH02-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5Ghz	Oct. 14, 2024	Aug. 29, 2025	Oct. 13, 2025	Radiation (03CH02-SZ)
AC Power Source	Chroma	61601	616010003043	N/A	Oct. 18, 2024	Aug. 29, 2025	Oct. 17, 2025	Radiation (03CH02-SZ)
Turn Table	Chaintek	T-200	N/A	0~360 degree	NCR	Aug. 29, 2025	NCR	Radiation (03CH02-SZ)
Antenna Mast	Chaintek	MBS-400	N/A	1 m~4 m	NCR	Aug. 29, 2025	NCR	Radiation (03CH02-SZ)

NCR: No Calibration Required

6 Measurement Uncertainty

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

Uncertainty of Conducted Measurement

Test Item	Uncertainty
Conducted Power	± 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% ($U = 2U_c(y)$)	2.47dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

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

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



Appendix A. Test Results of Conducted Test

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

Conducted Output Power(Average power) and ERP/EIRP

LTE Band 2:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				18700	18900	19100			
Frequency (MHz)				1860	1880	1900	L	M	H
20	QPSK	1	0	22.96	22.98	22.94	1.0940	1.0990	1.0889
20	QPSK	1	49	22.91	22.90	22.93	1.0814	1.0789	1.0864
20	QPSK	1	99	22.91	22.96	22.85	1.0814	1.0940	1.0666
20	QPSK	50	0	21.99	22.01	21.98	0.8750	0.8790	0.8730
20	QPSK	50	24	21.98	21.99	22.00	0.8730	0.8750	0.8770
20	QPSK	50	50	22.00	21.98	21.99	0.8770	0.8730	0.8750
20	QPSK	100	0	21.99	22.02	22.01	0.8750	0.8810	0.8790
20	16QAM	1	0	21.47	21.48	21.49	0.7762	0.7780	0.7798
20	16QAM	1	49	21.48	21.49	21.50	0.7780	0.7798	0.7816
20	16QAM	1	99	21.50	21.51	21.51	0.7816	0.7834	0.7834
20	16QAM	50	0	20.51	20.53	20.50	0.6223	0.6252	0.6209
20	16QAM	50	24	20.47	20.48	20.48	0.6166	0.6180	0.6180
20	16QAM	50	50	20.40	20.38	20.38	0.6067	0.6039	0.6039
20	16QAM	100	0	20.39	20.41	20.38	0.6053	0.6081	0.6039
Channel				18675	18900	19125	EIRP(W)		
Frequency (MHz)				1857.5	1880	1902.5	L	M	H
15	QPSK	1	0	22.81	22.89	22.85	1.0568	1.0765	1.0666
15	QPSK	1	37	22.82	22.91	22.89	1.0593	1.0814	1.0765
15	QPSK	1	74	22.82	22.86	22.79	1.0593	1.0691	1.0520
15	QPSK	36	0	21.85	21.87	21.92	0.8472	0.8511	0.8610
15	QPSK	36	20	21.84	21.86	21.92	0.8453	0.8492	0.8610
15	QPSK	36	39	21.90	21.95	21.90	0.8570	0.8670	0.8570
15	QPSK	75	0	21.94	21.93	21.98	0.8650	0.8630	0.8730
15	16QAM	1	0	21.36	21.37	21.45	0.7568	0.7586	0.7727
15	16QAM	1	37	21.42	21.47	21.35	0.7674	0.7762	0.7551
15	16QAM	1	74	21.49	21.50	21.40	0.7798	0.7816	0.7638
15	16QAM	36	0	20.39	20.43	20.44	0.6053	0.6109	0.6124
15	16QAM	36	20	20.36	20.51	20.43	0.6012	0.6223	0.6109
15	16QAM	36	39	20.47	20.52	20.44	0.6166	0.6237	0.6124
15	16QAM	75	0	20.46	20.43	20.45	0.6152	0.6109	0.6138
Channel				18650	18900	19150	EIRP(W)		



Frequency (MHz)				1855	1880	1905	L	M	H
10	QPSK	1	0	22.92	22.92	22.80	1.0839	1.0839	1.0544
10	QPSK	1	25	22.94	22.90	22.79	1.0889	1.0789	1.0520
10	QPSK	1	49	22.84	22.93	22.91	1.0641	1.0864	1.0814
10	QPSK	25	0	21.92	21.92	21.96	0.8610	0.8610	0.8690
10	QPSK	25	12	21.92	21.92	21.96	0.8610	0.8610	0.8690
10	QPSK	25	25	21.90	21.91	21.87	0.8570	0.8590	0.8511
10	QPSK	50	0	21.86	21.92	21.86	0.8492	0.8610	0.8492
10	16QAM	1	0	21.38	21.44	21.42	0.7603	0.7709	0.7674
10	16QAM	1	25	21.43	21.42	21.44	0.7691	0.7674	0.7709
10	16QAM	1	49	21.41	21.39	21.38	0.7656	0.7621	0.7603
10	16QAM	25	0	20.41	20.50	20.46	0.6081	0.6209	0.6152
10	16QAM	25	12	20.40	20.49	20.47	0.6067	0.6194	0.6166
10	16QAM	25	25	20.36	20.43	20.39	0.6012	0.6109	0.6053
10	16QAM	50	0	20.38	20.45	20.43	0.6039	0.6138	0.6109
Channel				18625	18900	19175	EIRP(W)		
Frequency (MHz)				1852.5	1880	1907.5	L	M	H
5	QPSK	1	0	22.86	22.93	22.86	1.0691	1.0864	1.0691
5	QPSK	1	12	22.89	22.95	22.90	1.0765	1.0914	1.0789
5	QPSK	1	24	22.88	22.91	22.91	1.0740	1.0814	1.0814
5	QPSK	12	0	21.98	21.94	21.85	0.8730	0.8650	0.8472
5	QPSK	12	7	21.92	21.92	21.94	0.8610	0.8610	0.8650
5	QPSK	12	13	21.98	21.86	21.85	0.8730	0.8492	0.8472
5	QPSK	25	0	21.85	21.95	21.87	0.8472	0.8670	0.8511
5	16QAM	1	0	21.43	21.40	21.40	0.7691	0.7638	0.7638
5	16QAM	1	12	21.47	21.40	21.43	0.7762	0.7638	0.7691
5	16QAM	1	24	21.45	21.50	21.46	0.7727	0.7816	0.7745
5	16QAM	12	0	20.37	20.47	20.36	0.6026	0.6166	0.6012
5	16QAM	12	7	20.39	20.43	20.43	0.6053	0.6109	0.6109
5	16QAM	12	13	20.41	20.40	20.39	0.6081	0.6067	0.6053
5	16QAM	25	0	20.37	20.40	20.46	0.6026	0.6067	0.6152
Channel				18615	18900	19185	EIRP(W)		
Frequency (MHz)				1851.5	1880	1908.5	L	M	H
3	QPSK	1	0	22.92	22.83	22.87	1.0839	1.0617	1.0715
3	QPSK	1	8	22.93	22.85	22.85	1.0864	1.0666	1.0666
3	QPSK	1	14	22.81	22.90	22.89	1.0568	1.0789	1.0765
3	QPSK	8	0	21.93	21.94	21.93	0.8630	0.8650	0.8630
3	QPSK	8	4	21.90	21.87	21.89	0.8570	0.8511	0.8551
3	QPSK	8	7	21.85	21.89	21.89	0.8472	0.8551	0.8551
3	QPSK	15	0	21.86	21.91	21.98	0.8492	0.8590	0.8730
3	16QAM	1	0	21.45	21.45	21.41	0.7727	0.7727	0.7656
3	16QAM	1	8	21.38	21.43	21.47	0.7603	0.7691	0.7762
3	16QAM	1	14	21.35	21.45	21.42	0.7551	0.7727	0.7674
3	16QAM	8	0	20.40	20.44	20.46	0.6067	0.6124	0.6152
3	16QAM	8	4	20.43	20.40	20.49	0.6109	0.6067	0.6194
3	16QAM	8	7	20.41	20.46	20.41	0.6081	0.6152	0.6081
3	16QAM	15	0	20.41	20.38	20.41	0.6081	0.6039	0.6081



Channel				18607	18900	19193	EIRP(W)		
Frequency (MHz)				1850.7	1880	1909.3	L	M	H
1.4	QPSK	1	0	22.92	22.89	22.90	1.0839	1.0765	1.0789
1.4	QPSK	1	3	22.89	22.94	22.85	1.0765	1.0889	1.0666
1.4	QPSK	1	5	22.90	22.86	22.85	1.0789	1.0691	1.0666
1.4	QPSK	3	0	22.85	22.97	22.83	1.0666	1.0965	1.0617
1.4	QPSK	3	1	22.85	22.87	22.82	1.0666	1.0715	1.0593
1.4	QPSK	3	3	22.81	22.96	22.79	1.0568	1.0940	1.0520
1.4	QPSK	6	0	21.87	21.97	21.95	0.8511	0.8710	0.8670
1.4	16QAM	1	0	21.46	21.39	21.46	0.7745	0.7621	0.7745
1.4	16QAM	1	3	21.37	21.44	21.37	0.7586	0.7709	0.7586
1.4	16QAM	1	5	21.38	21.42	21.49	0.7603	0.7674	0.7798
1.4	16QAM	3	0	21.40	21.40	21.35	0.7638	0.7638	0.7551
1.4	16QAM	3	1	21.41	21.38	21.48	0.7656	0.7603	0.7780
1.4	16QAM	3	3	21.40	21.43	21.39	0.7638	0.7691	0.7621
1.4	16QAM	6	0	20.49	20.47	20.38	0.6194	0.6166	0.6039

LTE Band 4:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				20050	20175	20300			
Frequency (MHz)				1720	1732.5	1745	L	M	H
20	QPSK	1	0	22.82	22.93	22.80	0.5224	0.5358	0.5200
20	QPSK	1	49	22.95	22.96	22.93	0.5383	0.5395	0.5358
20	QPSK	1	99	22.84	22.87	22.83	0.5248	0.5284	0.5236
20	QPSK	50	0	21.97	21.90	21.83	0.4295	0.4227	0.4159
20	QPSK	50	24	21.98	22.00	21.97	0.4305	0.4325	0.4295
20	QPSK	50	50	21.94	21.96	21.90	0.4266	0.4285	0.4227
20	QPSK	100	0	21.89	21.96	21.89	0.4217	0.4285	0.4217
20	16QAM	1	0	21.50	21.40	21.36	0.3855	0.3767	0.3733
20	16QAM	1	49	21.37	21.36	21.39	0.3741	0.3733	0.3758
20	16QAM	1	99	21.35	21.39	21.43	0.3724	0.3758	0.3793
20	16QAM	50	0	20.46	20.48	20.45	0.3034	0.3048	0.3027
20	16QAM	50	24	20.40	20.36	20.38	0.2992	0.2965	0.2979
20	16QAM	50	50	20.45	20.43	20.40	0.3027	0.3013	0.2992
20	16QAM	100	0	20.39	20.47	20.32	0.2985	0.3041	0.2938
Channel				20025	20175	20325	EIRP(W)		
Frequency (MHz)				1717.5	1732.5	1747.5	L	M	H
15	QPSK	1	0	22.88	22.83	22.83	0.5297	0.5236	0.5236
15	QPSK	1	37	22.92	22.91	22.80	0.5346	0.5333	0.5200
15	QPSK	1	74	22.81	22.90	22.80	0.5212	0.5321	0.5200
15	QPSK	36	0	21.89	21.89	21.82	0.4217	0.4217	0.4150
15	QPSK	36	20	21.97	21.96	21.93	0.4295	0.4285	0.4256
15	QPSK	36	39	21.87	21.90	21.92	0.4198	0.4227	0.4246
15	QPSK	75	0	21.84	21.87	21.84	0.4169	0.4198	0.4169



15	16QAM	1	0	21.44	21.39	21.34	0.3802	0.3758	0.3715
15	16QAM	1	37	21.37	21.37	21.35	0.3741	0.3741	0.3724
15	16QAM	1	74	21.46	21.44	21.34	0.3819	0.3802	0.3715
15	16QAM	36	0	20.38	20.33	20.43	0.2979	0.2944	0.3013
15	16QAM	36	20	20.39	20.34	20.38	0.2985	0.2951	0.2979
15	16QAM	36	39	20.35	20.41	20.36	0.2958	0.2999	0.2965
15	16QAM	75	0	20.36	20.45	20.30	0.2965	0.3027	0.2924
Channel				20000	20175	20350	EIRP(W)		
Frequency (MHz)				1715	1732.5	1750	L	M	H
10	QPSK	1	0	22.89	22.82	22.86	0.5309	0.5224	0.5272
10	QPSK	1	25	22.87	22.94	22.86	0.5284	0.5370	0.5272
10	QPSK	1	49	22.82	22.92	22.88	0.5224	0.5346	0.5297
10	QPSK	25	0	21.89	21.86	21.90	0.4217	0.4188	0.4227
10	QPSK	25	12	21.85	21.88	21.82	0.4178	0.4207	0.4150
10	QPSK	25	25	21.90	21.85	21.96	0.4227	0.4178	0.4285
10	QPSK	50	0	21.90	21.96	21.90	0.4227	0.4285	0.4227
10	16QAM	1	0	21.39	21.37	21.44	0.3758	0.3741	0.3802
10	16QAM	1	25	21.37	21.41	21.46	0.3741	0.3776	0.3819
10	16QAM	1	49	21.37	21.49	21.46	0.3741	0.3846	0.3819
10	16QAM	25	0	20.33	20.40	20.37	0.2944	0.2992	0.2972
10	16QAM	25	12	20.43	20.33	20.37	0.3013	0.2944	0.2972
10	16QAM	25	25	20.39	20.43	20.42	0.2985	0.3013	0.3006
10	16QAM	50	0	20.37	20.40	20.35	0.2972	0.2992	0.2958
Channel				19975	20175	20375	EIRP(W)		
Frequency (MHz)				1712.5	1732.5	1752.5	L	M	H
5	QPSK	1	0	22.93	22.91	22.79	0.5358	0.5333	0.5188
5	QPSK	1	12	22.91	22.81	22.87	0.5333	0.5212	0.5284
5	QPSK	1	24	22.90	22.81	22.83	0.5321	0.5212	0.5236
5	QPSK	12	0	21.87	21.94	21.89	0.4198	0.4266	0.4217
5	QPSK	12	7	21.96	21.85	21.89	0.4285	0.4178	0.4217
5	QPSK	12	13	21.86	21.98	21.87	0.4188	0.4305	0.4198
5	QPSK	25	0	21.84	21.91	21.88	0.4169	0.4236	0.4207
5	16QAM	1	0	21.37	21.44	21.37	0.3741	0.3802	0.3741
5	16QAM	1	12	21.37	21.47	21.34	0.3741	0.3828	0.3715
5	16QAM	1	24	21.40	21.44	21.41	0.3767	0.3802	0.3776
5	16QAM	12	0	20.41	20.35	20.41	0.2999	0.2958	0.2999
5	16QAM	12	7	20.38	20.45	20.40	0.2979	0.3027	0.2992
5	16QAM	12	13	20.44	20.42	20.37	0.3020	0.3006	0.2972
5	16QAM	25	0	20.33	20.45	20.37	0.2944	0.3027	0.2972
Channel				19965	20175	20385	EIRP(W)		
Frequency (MHz)				1711.5	1732.5	1753.5	L	M	H
3	QPSK	1	0	22.83	22.91	22.82	0.5236	0.5333	0.5224
3	QPSK	1	8	22.94	22.93	22.84	0.5370	0.5358	0.5248
3	QPSK	1	14	22.82	22.91	22.81	0.5224	0.5333	0.5212
3	QPSK	8	0	21.88	21.92	21.92	0.4207	0.4246	0.4246
3	QPSK	8	4	21.93	21.96	21.96	0.4256	0.4285	0.4285
3	QPSK	8	7	21.95	21.97	21.89	0.4276	0.4295	0.4217



3	QPSK	15	0	21.90	21.91	21.91	0.4227	0.4236	0.4236
3	16QAM	1	0	21.46	21.44	21.44	0.3819	0.3802	0.3802
3	16QAM	1	8	21.46	21.45	21.32	0.3819	0.3811	0.3698
3	16QAM	1	14	21.36	21.48	21.41	0.3733	0.3837	0.3776
3	16QAM	8	0	20.40	20.37	20.32	0.2992	0.2972	0.2938
3	16QAM	8	4	20.42	20.46	20.34	0.3006	0.3034	0.2951
3	16QAM	8	7	20.45	20.42	20.32	0.3027	0.3006	0.2938
3	16QAM	15	0	20.40	20.33	20.43	0.2992	0.2944	0.3013
Channel				19950	20175	20393	EIRP(W)		
Frequency (MHz)				1710	1732.5	1754.3	L	M	H
1.4	QPSK	1	0	22.88	22.83	22.87	0.5297	0.5236	0.5284
1.4	QPSK	1	3	22.82	22.93	22.80	0.5224	0.5358	0.5200
1.4	QPSK	1	5	22.93	22.93	22.80	0.5358	0.5358	0.5200
1.4	QPSK	3	0	22.93	22.95	22.83	0.5358	0.5383	0.5236
1.4	QPSK	3	1	22.80	22.92	22.91	0.5200	0.5346	0.5333
1.4	QPSK	3	3	22.90	22.93	22.86	0.5321	0.5358	0.5272
1.4	QPSK	6	0	21.97	21.92	21.87	0.4295	0.4246	0.4198
1.4	16QAM	1	0	21.41	21.42	21.39	0.3776	0.3784	0.3758
1.4	16QAM	1	3	21.40	21.42	21.32	0.3767	0.3784	0.3698
1.4	16QAM	1	5	21.35	21.47	21.44	0.3724	0.3828	0.3802
1.4	16QAM	3	0	21.42	21.47	21.33	0.3784	0.3828	0.3707
1.4	16QAM	3	1	21.41	21.49	21.46	0.3776	0.3846	0.3819
1.4	16QAM	3	3	21.33	21.46	21.39	0.3707	0.3819	0.3758
1.4	16QAM	6	0	20.36	20.47	20.37	0.2965	0.3041	0.2972

LTE Band 5:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)		
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844	L	M	H
10	QPSK	1	0	22.68	22.70	22.67	0.8790	0.8831	0.8770
10	QPSK	1	25	22.66	22.57	22.52	0.8750	0.8570	0.8472
10	QPSK	1	49	22.66	22.63	22.58	0.8750	0.8690	0.8590
10	QPSK	25	0	21.70	21.72	21.68	0.7015	0.7047	0.6982
10	QPSK	25	12	21.65	21.65	21.59	0.6934	0.6934	0.6839
10	QPSK	25	25	21.61	21.69	21.64	0.6871	0.6998	0.6918
10	QPSK	50	0	21.56	21.58	21.62	0.6792	0.6823	0.6887
10	16QAM	1	0	21.25	21.07	21.08	0.6324	0.6067	0.6081
10	16QAM	1	25	21.13	21.14	21.12	0.6152	0.6166	0.6138
10	16QAM	1	49	21.12	21.13	21.07	0.6138	0.6152	0.6067
10	16QAM	25	0	20.18	20.20	20.17	0.4943	0.4966	0.4932
10	16QAM	25	12	20.11	20.09	20.14	0.4864	0.4842	0.4898
10	16QAM	25	25	20.04	20.18	20.11	0.4786	0.4943	0.4864
10	16QAM	50	0	20.14	20.06	20.02	0.4898	0.4808	0.4764
Channel				20425	20525	20625	ERP(W)		



Frequency (MHz)				826.5	836.5	846.5	L	M	H
5	QPSK	1	0	22.56	22.61	22.60	0.8551	0.8650	0.8630
5	QPSK	1	12	22.59	22.64	22.61	0.8610	0.8710	0.8650
5	QPSK	1	24	22.56	22.64	22.66	0.8551	0.8710	0.8750
5	QPSK	12	0	21.61	21.71	21.55	0.6871	0.7031	0.6776
5	QPSK	12	7	21.67	21.71	21.66	0.6966	0.7031	0.6950
5	QPSK	12	13	21.65	21.63	21.56	0.6934	0.6902	0.6792
5	QPSK	25	0	21.58	21.60	21.57	0.6823	0.6855	0.6808
5	16QAM	1	0	21.16	21.10	21.08	0.6194	0.6109	0.6081
5	16QAM	1	12	21.09	21.20	21.16	0.6095	0.6252	0.6194
5	16QAM	1	24	21.15	21.08	21.08	0.6180	0.6081	0.6081
5	16QAM	12	0	20.07	20.17	20.16	0.4819	0.4932	0.4920
5	16QAM	12	7	20.05	20.09	20.14	0.4797	0.4842	0.4898
5	16QAM	12	13	20.06	20.11	20.06	0.4808	0.4864	0.4808
5	16QAM	25	0	20.15	20.17	20.04	0.4909	0.4932	0.4786
Channel				20415	20525	20635	ERP(W)		
Frequency (MHz)				825.5	836.5	847.5	L	M	H
3	QPSK	1	0	22.59	22.63	22.60	0.8610	0.8690	0.8630
3	QPSK	1	8	22.61	22.63	22.52	0.8650	0.8690	0.8472
3	QPSK	1	14	22.60	22.62	22.63	0.8630	0.8670	0.8690
3	QPSK	8	0	21.66	21.58	21.58	0.6950	0.6823	0.6823
3	QPSK	8	4	21.60	21.67	21.67	0.6855	0.6966	0.6966
3	QPSK	8	7	21.68	21.65	21.55	0.6982	0.6934	0.6776
3	QPSK	15	0	21.66	21.66	21.66	0.6950	0.6950	0.6950
3	16QAM	1	0	21.12	21.12	21.15	0.6138	0.6138	0.6180
3	16QAM	1	8	21.14	21.15	21.17	0.6166	0.6180	0.6209
3	16QAM	1	14	21.11	21.16	21.05	0.6124	0.6194	0.6039
3	16QAM	8	0	20.06	20.08	20.09	0.4808	0.4831	0.4842
3	16QAM	8	4	20.03	20.16	20.11	0.4775	0.4920	0.4864
3	16QAM	8	7	20.16	20.14	20.16	0.4920	0.4898	0.4920
3	16QAM	15	0	20.11	20.18	20.13	0.4864	0.4943	0.4887
Channel				20407	20525	20643	ERP(W)		
Frequency (MHz)				824.7	836.5	848.3	L	M	H
1.4	QPSK	1	0	22.59	22.59	22.63	0.8610	0.8610	0.8690
1.4	QPSK	1	3	22.63	22.57	22.65	0.8690	0.8570	0.8730
1.4	QPSK	1	5	22.56	22.55	22.59	0.8551	0.8531	0.8610
1.4	QPSK	3	0	22.55	22.69	22.55	0.8531	0.8810	0.8531
1.4	QPSK	3	1	22.60	22.62	22.58	0.8630	0.8670	0.8590
1.4	QPSK	3	3	22.53	22.60	22.58	0.8492	0.8630	0.8590
1.4	QPSK	6	0	21.68	21.57	21.61	0.6982	0.6808	0.6871
1.4	16QAM	1	0	21.09	21.18	21.05	0.6095	0.6223	0.6039
1.4	16QAM	1	3	21.12	21.07	21.17	0.6138	0.6067	0.6209
1.4	16QAM	1	5	21.16	21.11	21.09	0.6194	0.6124	0.6095
1.4	16QAM	3	0	21.19	21.12	21.08	0.6237	0.6138	0.6081
1.4	16QAM	3	1	21.06	21.20	21.08	0.6053	0.6252	0.6081
1.4	16QAM	3	3	21.15	21.21	21.08	0.6180	0.6266	0.6081



1.4	16QAM	6	0	20.07	20.14	20.15	0.4819	0.4898	0.4909
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LTE Band 12:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)		
Channel				23060	23095	23130			
Frequency (MHz)				704	707.5	711	L	M	H
10	QPSK	1	0	22.88	22.96	22.87	0.7816	0.7962	0.7798
10	QPSK	1	25	22.87	22.78	22.83	0.7798	0.7638	0.7727
10	QPSK	1	49	22.82	22.88	22.75	0.7709	0.7816	0.7586
10	QPSK	25	0	21.89	21.91	21.87	0.6223	0.6252	0.6194
10	QPSK	25	12	21.82	21.89	21.75	0.6124	0.6223	0.6026
10	QPSK	25	25	21.86	21.88	21.76	0.6180	0.6209	0.6039
10	QPSK	50	0	21.87	21.82	21.75	0.6194	0.6124	0.6026
10	16QAM	1	0	21.37	21.35	21.27	0.5521	0.5495	0.5395
10	16QAM	1	25	21.25	21.39	21.32	0.5370	0.5546	0.5458
10	16QAM	1	49	21.35	21.36	21.28	0.5495	0.5508	0.5408
10	16QAM	25	0	20.38	20.40	20.37	0.4395	0.4416	0.4385
10	16QAM	25	12	20.36	20.39	20.33	0.4375	0.4406	0.4345
10	16QAM	25	25	20.33	20.30	20.24	0.4345	0.4315	0.4256
10	16QAM	50	0	20.32	20.28	20.26	0.4335	0.4295	0.4276
Channel				23035	23095	23155	ERP(W)		
Frequency (MHz)				701.5	707.5	713.5	L	M	H
5	QPSK	1	0	22.75	22.78	22.78	0.7586	0.7638	0.7638
5	QPSK	1	12	22.78	22.77	22.74	0.7638	0.7621	0.7568
5	QPSK	1	24	22.73	22.81	22.76	0.7551	0.7691	0.7603
5	QPSK	12	0	21.83	21.85	21.76	0.6138	0.6166	0.6039
5	QPSK	12	7	21.87	21.84	21.74	0.6194	0.6152	0.6012
5	QPSK	12	13	21.82	21.80	21.79	0.6124	0.6095	0.6081
5	QPSK	25	0	21.76	21.84	21.72	0.6039	0.6152	0.5984
5	16QAM	1	0	21.27	21.26	21.33	0.5395	0.5383	0.5470
5	16QAM	1	12	21.35	21.39	21.31	0.5495	0.5546	0.5445
5	16QAM	1	24	21.26	21.39	21.33	0.5383	0.5546	0.5470
5	16QAM	12	0	20.25	20.36	20.31	0.4266	0.4375	0.4325
5	16QAM	12	7	20.26	20.28	20.36	0.4276	0.4295	0.4375
5	16QAM	12	13	20.24	20.31	20.32	0.4256	0.4325	0.4335
5	16QAM	25	0	20.28	20.31	20.33	0.4295	0.4325	0.4345
Channel				23025	23095	23165	ERP(W)		
Frequency (MHz)				700.5	707.5	714.5	L	M	H
3	QPSK	1	0	22.81	22.83	22.84	0.7691	0.7727	0.7745
3	QPSK	1	8	22.86	22.89	22.74	0.7780	0.7834	0.7568
3	QPSK	1	14	22.73	22.76	22.73	0.7551	0.7603	0.7551
3	QPSK	8	0	21.85	21.81	21.80	0.6166	0.6109	0.6095
3	QPSK	8	4	21.77	21.78	21.85	0.6053	0.6067	0.6166
3	QPSK	8	7	21.81	21.88	21.72	0.6109	0.6209	0.5984



3	QPSK	15	0	21.84	21.87	21.85	0.6152	0.6194	0.6166
3	16QAM	1	0	21.37	21.38	21.33	0.5521	0.5534	0.5470
3	16QAM	1	8	21.28	21.26	21.22	0.5408	0.5383	0.5333
3	16QAM	1	14	21.31	21.36	21.29	0.5445	0.5508	0.5420
3	16QAM	8	0	20.32	20.32	20.33	0.4335	0.4335	0.4345
3	16QAM	8	4	20.30	20.36	20.32	0.4315	0.4375	0.4335
3	16QAM	8	7	20.35	20.33	20.23	0.4365	0.4345	0.4246
3	16QAM	15	0	20.37	20.30	20.36	0.4385	0.4315	0.4375
Channel				23017	23095	23173	ERP(W)		
Frequency (MHz)				699.7	707.5	715.3	L	M	H
1.4	QPSK	1	0	22.76	22.78	22.84	0.7603	0.7638	0.7745
1.4	QPSK	1	3	22.85	22.77	22.85	0.7762	0.7621	0.7762
1.4	QPSK	1	5	22.79	22.77	22.86	0.7656	0.7621	0.7780
1.4	QPSK	3	0	22.73	22.77	22.77	0.7551	0.7621	0.7621
1.4	QPSK	3	1	22.73	22.78	22.84	0.7551	0.7638	0.7745
1.4	QPSK	3	3	22.83	22.89	22.74	0.7727	0.7834	0.7568
1.4	QPSK	6	0	21.75	21.77	21.78	0.6026	0.6053	0.6067
1.4	16QAM	1	0	21.33	21.36	21.34	0.5470	0.5508	0.5483
1.4	16QAM	1	3	21.32	21.34	21.25	0.5458	0.5483	0.5370
1.4	16QAM	1	5	21.32	21.34	21.36	0.5458	0.5483	0.5508
1.4	16QAM	3	0	21.35	21.37	21.30	0.5495	0.5521	0.5433
1.4	16QAM	3	1	21.26	21.33	21.33	0.5383	0.5470	0.5470
1.4	16QAM	3	3	21.31	21.32	21.31	0.5445	0.5458	0.5445
1.4	16QAM	6	0	20.23	20.34	20.32	0.4246	0.4355	0.4335

LTE Band 13:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)		
Channel				23230					
Frequency (MHz)				782				M	
10	QPSK	1	0		22.84			0.8610	
10	QPSK	1	25		22.80			0.8531	
10	QPSK	1	49		22.81			0.8551	
10	QPSK	25	0		21.86			0.6871	
10	QPSK	25	12		21.84			0.6839	
10	QPSK	25	25		21.82			0.6808	
10	QPSK	50	0		21.79			0.6761	
10	16QAM	1	0		21.24			0.5957	
10	16QAM	1	25		21.33			0.6081	
10	16QAM	1	49		21.25			0.5970	
10	16QAM	25	0		20.36			0.4864	
10	16QAM	25	12		20.23			0.4721	
10	16QAM	25	25		20.21			0.4699	
10	16QAM	50	0		20.33			0.4831	
Channel				23205	23230	23255	ERP(W)		



Frequency (MHz)				779.5	782	784.5	L	M	H
5	QPSK	1	0	22.82	22.70	22.73	0.8570	0.8337	0.8395
5	QPSK	1	12	22.70	22.74	22.79	0.8337	0.8414	0.8511
5	QPSK	1	24	22.80	22.76	22.76	0.8531	0.8453	0.8453
5	QPSK	12	0	21.84	21.79	21.75	0.6839	0.6761	0.6699
5	QPSK	12	7	21.84	21.79	21.82	0.6839	0.6761	0.6808
5	QPSK	12	13	21.77	21.79	21.71	0.6730	0.6761	0.6637
5	QPSK	25	0	21.78	21.81	21.78	0.6745	0.6792	0.6745
5	16QAM	1	0	21.30	21.22	21.26	0.6039	0.5929	0.5984
5	16QAM	1	12	21.27	21.32	21.28	0.5998	0.6067	0.6012
5	16QAM	1	24	21.31	21.22	21.26	0.6053	0.5929	0.5984
5	16QAM	12	0	20.26	20.29	20.34	0.4753	0.4786	0.4842
5	16QAM	12	7	20.35	20.23	20.35	0.4853	0.4721	0.4853
5	16QAM	12	13	20.33	20.29	20.27	0.4831	0.4786	0.4764
5	16QAM	25	0	20.33	20.27	20.34	0.4831	0.4764	0.4842

LTE Band 17:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)		
Channel				23780	23790	23800			
Frequency (MHz)				709	710	711	L	M	H
10	QPSK	1	0	22.93	22.95	22.91	0.7907	0.7943	0.7870
10	QPSK	1	25	22.92	22.82	22.86	0.7889	0.7709	0.7780
10	QPSK	1	49	22.92	22.88	22.86	0.7889	0.7816	0.7780
10	QPSK	25	0	21.95	21.97	21.93	0.6310	0.6339	0.6281
10	QPSK	25	12	21.80	21.82	21.82	0.6095	0.6124	0.6124
10	QPSK	25	25	21.88	21.84	21.80	0.6209	0.6152	0.6095
10	QPSK	50	0	21.91	21.89	21.85	0.6252	0.6223	0.6166
10	16QAM	1	0	21.42	21.45	21.39	0.5585	0.5623	0.5546
10	16QAM	1	25	21.37	21.38	21.39	0.5521	0.5534	0.5546
10	16QAM	1	49	21.35	21.44	21.35	0.5495	0.5610	0.5495
10	16QAM	25	0	20.44	20.46	20.43	0.4457	0.4477	0.4446
10	16QAM	25	12	20.42	20.41	20.29	0.4436	0.4426	0.4305
10	16QAM	25	25	20.39	20.45	20.32	0.4406	0.4467	0.4335
10	16QAM	50	0	20.34	20.31	20.38	0.4355	0.4325	0.4395
Channel				23755	23790	23825	ERP(W)		
Frequency (MHz)				706.5	710	713.5	L	M	H
5	QPSK	1	0	22.88	22.90	22.79	0.7816	0.7852	0.7656
5	QPSK	1	12	22.83	22.91	22.89	0.7727	0.7870	0.7834
5	QPSK	1	24	22.80	22.81	22.80	0.7674	0.7691	0.7674
5	QPSK	12	0	21.86	21.92	21.81	0.6180	0.6266	0.6109
5	QPSK	12	7	21.86	21.91	21.91	0.6180	0.6252	0.6252
5	QPSK	12	13	21.84	21.86	21.78	0.6152	0.6180	0.6067
5	QPSK	25	0	21.93	21.94	21.86	0.6281	0.6295	0.6180
5	16QAM	1	0	21.44	21.36	21.33	0.5610	0.5508	0.5470



5	16QAM	1	12	21.37	21.42	21.36	0.5521	0.5585	0.5508
5	16QAM	1	24	21.40	21.33	21.38	0.5559	0.5470	0.5534
5	16QAM	12	0	20.43	20.32	20.31	0.4446	0.4335	0.4325
5	16QAM	12	7	20.43	20.33	20.29	0.4446	0.4345	0.4305
5	16QAM	12	13	20.39	20.33	20.40	0.4406	0.4345	0.4416
5	16QAM	25	0	20.34	20.32	20.31	0.4355	0.4335	0.4325

LTE Band 66:

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	23.05	23.04	22.99	0.5534	0.5521	0.5458
20	QPSK	1	49	23.07	23.08	23.06	0.5559	0.5572	0.5546
20	QPSK	1	99	22.95	23.06	22.98	0.5408	0.5546	0.5445
20	QPSK	50	0	22.08	22.10	22.07	0.4426	0.4446	0.4416
20	QPSK	50	24	21.96	21.97	22.03	0.4305	0.4315	0.4375
20	QPSK	50	50	21.94	22.03	21.96	0.4285	0.4375	0.4305
20	QPSK	100	0	21.97	22.09	22.06	0.4315	0.4436	0.4406
20	16QAM	1	0	21.62	21.60	21.59	0.3981	0.3963	0.3954
20	16QAM	1	49	21.60	21.58	21.58	0.3963	0.3945	0.3945
20	16QAM	1	99	21.62	21.59	21.56	0.3981	0.3954	0.3926
20	16QAM	50	0	21.16	21.18	21.15	0.3581	0.3597	0.3573
20	16QAM	50	24	21.10	21.08	21.12	0.3532	0.3516	0.3548
20	16QAM	50	50	21.14	21.08	21.07	0.3565	0.3516	0.3508
20	16QAM	100	0	21.04	21.03	21.06	0.3483	0.3475	0.3499
Channel				132047	132322	132597	EIRP(W)		
Frequency (MHz)				1717.5	1745	1772.5	L	M	H
15	QPSK	1	0	23.05	22.96	22.96	0.5534	0.5420	0.5420
15	QPSK	1	37	23.03	23.04	23.02	0.5508	0.5521	0.5495
15	QPSK	1	74	22.93	22.95	22.97	0.5383	0.5408	0.5433
15	QPSK	36	0	21.94	22.04	21.92	0.4285	0.4385	0.4266
15	QPSK	36	20	21.97	22.04	22.05	0.4315	0.4385	0.4395
15	QPSK	36	39	21.93	22.01	21.97	0.4276	0.4355	0.4315
15	QPSK	75	0	21.99	22.08	22.03	0.4335	0.4426	0.4375
15	16QAM	1	0	21.60	21.56	21.58	0.3963	0.3926	0.3945
15	16QAM	1	37	21.58	21.59	21.55	0.3945	0.3954	0.3917
15	16QAM	1	74	21.54	21.60	21.58	0.3908	0.3963	0.3945
15	16QAM	36	0	21.05	21.04	20.91	0.3491	0.3483	0.3381
15	16QAM	36	20	20.92	21.04	20.91	0.3388	0.3483	0.3381
15	16QAM	36	39	21.01	20.99	21.00	0.3459	0.3443	0.3451
15	16QAM	75	0	21.04	20.95	20.96	0.3483	0.3412	0.3420
Channel				132022	132322	132622	EIRP(W)		
Frequency (MHz)				1715	1745	1775	L	M	H
10	QPSK	1	0	22.95	23.00	22.92	0.5408	0.5470	0.5370



10	QPSK	1	25	23.02	22.99	23.02	0.5495	0.5458	0.5495
10	QPSK	1	49	23.05	22.93	22.91	0.5534	0.5383	0.5358
10	QPSK	25	0	21.95	22.05	21.93	0.4295	0.4395	0.4276
10	QPSK	25	12	21.97	21.99	22.03	0.4315	0.4335	0.4375
10	QPSK	25	25	21.98	22.05	21.95	0.4325	0.4395	0.4295
10	QPSK	50	0	21.94	22.08	22.01	0.4285	0.4426	0.4355
10	16QAM	1	0	21.48	21.45	21.46	0.3855	0.3828	0.3837
10	16QAM	1	25	21.46	21.48	21.44	0.3837	0.3855	0.3819
10	16QAM	1	49	21.48	21.46	21.47	0.3855	0.3837	0.3846
10	16QAM	25	0	20.97	20.93	21.01	0.3428	0.3396	0.3459
10	16QAM	25	12	20.92	21.03	20.94	0.3388	0.3475	0.3404
10	16QAM	25	25	21.04	21.03	20.94	0.3483	0.3475	0.3404
10	16QAM	50	0	20.95	20.93	20.93	0.3412	0.3396	0.3396
Channel				131997	132322	132647	EIRP(W)		
Frequency (MHz)				1712.5	1745	1777.5	L	M	H
5	QPSK	1	0	22.98	23.03	22.96	0.5445	0.5508	0.5420
5	QPSK	1	12	23.04	22.97	22.96	0.5521	0.5433	0.5420
5	QPSK	1	24	22.93	22.99	22.98	0.5383	0.5458	0.5445
5	QPSK	12	0	21.93	22.03	22.06	0.4276	0.4375	0.4406
5	QPSK	12	7	21.94	21.96	21.95	0.4285	0.4305	0.4295
5	QPSK	12	13	21.93	21.95	21.98	0.4276	0.4295	0.4325
5	QPSK	25	0	21.97	21.95	21.92	0.4315	0.4295	0.4266
5	16QAM	1	0	21.52	21.47	21.50	0.3890	0.3846	0.3873
5	16QAM	1	12	21.51	21.52	21.48	0.3882	0.3890	0.3855
5	16QAM	1	24	21.48	21.49	21.51	0.3855	0.3864	0.3882
5	16QAM	12	0	21.01	20.99	20.98	0.3459	0.3443	0.3436
5	16QAM	12	7	20.93	21.05	21.04	0.3396	0.3491	0.3483
5	16QAM	12	13	21.04	21.01	20.96	0.3483	0.3459	0.3420
5	16QAM	25	0	21.05	21.05	21.03	0.3491	0.3491	0.3475
Channel				131987	132322	132657	EIRP(W)		
Frequency (MHz)				1711.5	1745	1778.5	L	M	H
3	QPSK	1	0	22.94	22.94	22.97	0.5395	0.5395	0.5433
3	QPSK	1	8	23.02	23.06	22.95	0.5495	0.5546	0.5408
3	QPSK	1	14	22.99	23.00	23.00	0.5458	0.5470	0.5470
3	QPSK	8	0	21.98	22.02	21.92	0.4325	0.4365	0.4266
3	QPSK	8	4	21.93	21.96	21.94	0.4276	0.4305	0.4285
3	QPSK	8	7	21.99	22.01	21.95	0.4335	0.4355	0.4295
3	QPSK	15	0	22.02	22.01	21.96	0.4365	0.4355	0.4305
3	16QAM	1	0	21.58	21.56	21.55	0.3945	0.3926	0.3917
3	16QAM	1	8	21.55	21.58	21.56	0.3917	0.3945	0.3926
3	16QAM	1	14	21.56	21.55	21.58	0.3926	0.3917	0.3945
3	16QAM	8	0	20.94	21.04	21.03	0.3404	0.3483	0.3475
3	16QAM	8	4	20.96	20.99	20.99	0.3420	0.3443	0.3443
3	16QAM	8	7	20.91	20.94	21.04	0.3381	0.3404	0.3483
3	16QAM	15	0	20.92	21.02	21.01	0.3388	0.3467	0.3459
Channel				131979	132322	132665	EIRP(W)		
Frequency (MHz)				1710.7	1745	1779.3	L	M	H



1.4	QPSK	1	0	23.06	23.00	23.05	0.5546	0.5470	0.5534
1.4	QPSK	1	3	23.00	23.04	23.00	0.5470	0.5521	0.5470
1.4	QPSK	1	5	22.96	22.98	23.02	0.5420	0.5445	0.5495
1.4	QPSK	3	0	23.04	22.95	22.92	0.5521	0.5408	0.5370
1.4	QPSK	3	1	22.97	23.02	22.94	0.5433	0.5495	0.5395
1.4	QPSK	3	3	22.96	23.00	22.91	0.5420	0.5470	0.5358
1.4	QPSK	6	0	21.95	22.08	22.05	0.4295	0.4426	0.4395
1.4	16QAM	1	0	21.58	21.53	21.54	0.3945	0.3899	0.3908
1.4	16QAM	1	3	21.52	21.55	21.53	0.3890	0.3917	0.3899
1.4	16QAM	1	5	21.55	21.54	21.52	0.3917	0.3908	0.3890
1.4	16QAM	3	0	21.54	21.59	21.59	0.3908	0.3954	0.3954
1.4	16QAM	3	1	21.58	21.54	21.58	0.3945	0.3908	0.3945
1.4	16QAM	3	3	21.58	21.59	21.58	0.3945	0.3954	0.3945
1.4	16QAM	6	0	21.03	21.06	21.00	0.3475	0.3499	0.3451



LTE Band 2

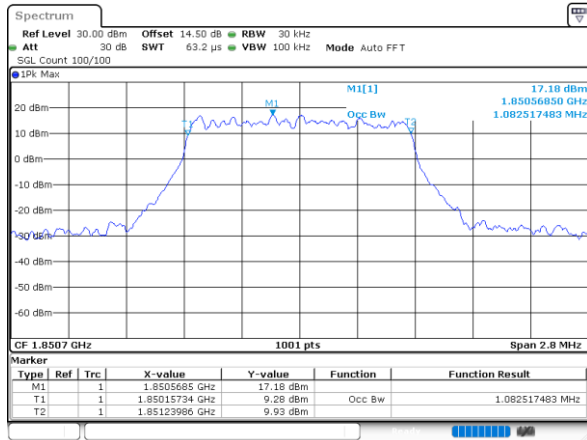
Occupied Bandwidth

Mode	LTE Band 2 : 99%OBW(MHz)					
BW	1M4MHz		3MHz		5MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.08	1.10	2.70	2.70	4.53	4.49
Middle CH	1.09	1.09	2.73	2.73	4.51	4.48
Highest CH	1.10	1.10	2.72	2.71	4.50	4.50
BW	10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	8.99	8.99	13.37	13.40	17.82	17.90
Middle CH	9.11	9.05	13.37	13.49	17.90	17.86
Highest CH	8.97	9.01	13.43	13.49	17.86	17.90

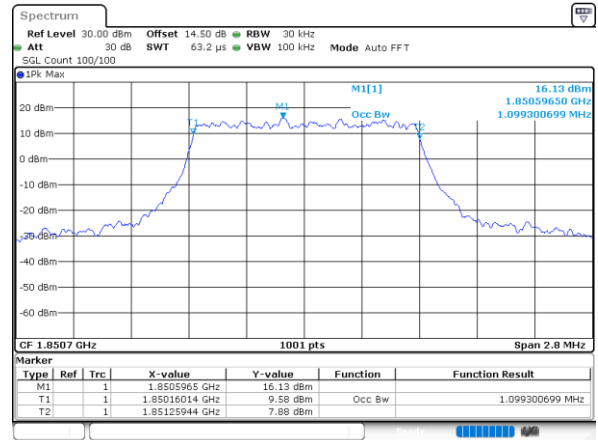


LTE Band 2

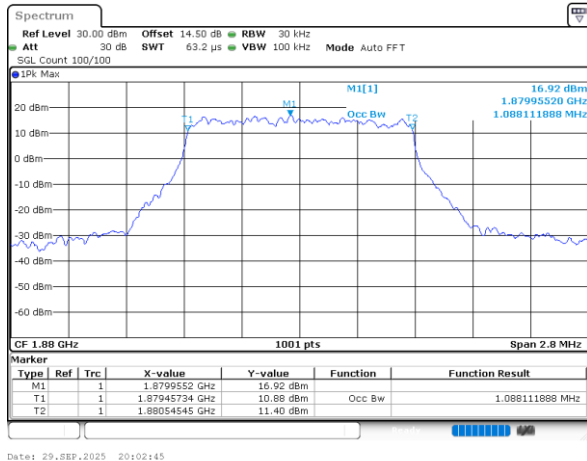
Lowest Channel / 1M4MHz / QPSK



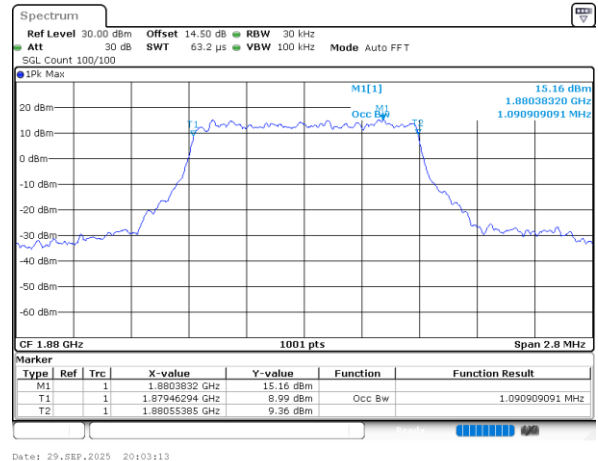
Lowest Channel / 1M4MHz / 16QAM



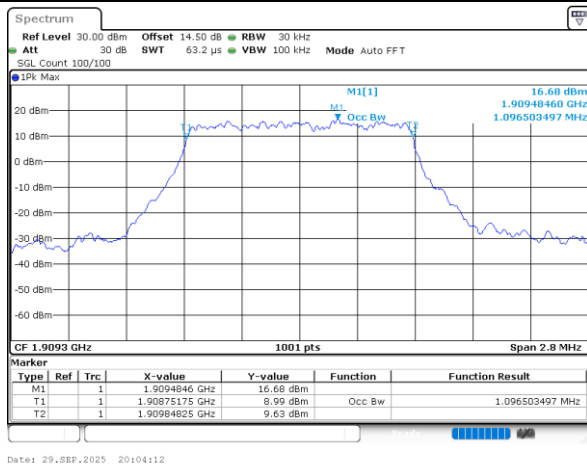
Middle Channel / 1M4MHz / QPSK



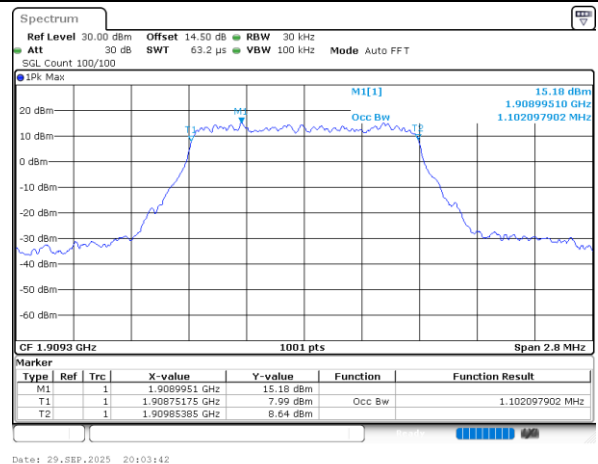
Middle Channel / 1M4MHz / 16QAM



Highest Channel / 1M4MHz / QPSK



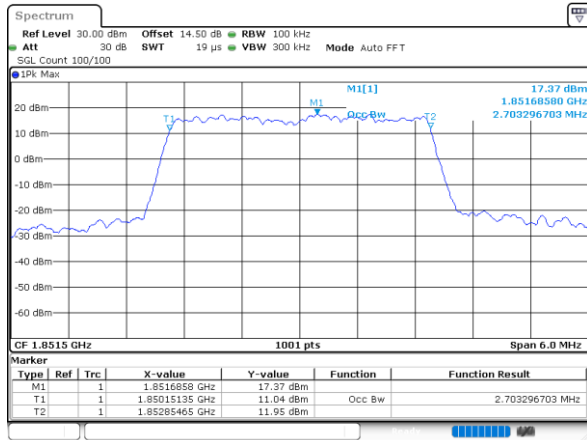
Highest Channel / 1M4MHz / 16QAM



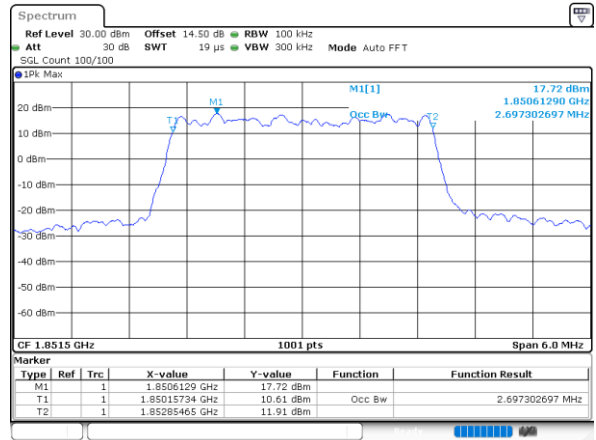


LTE Band 2

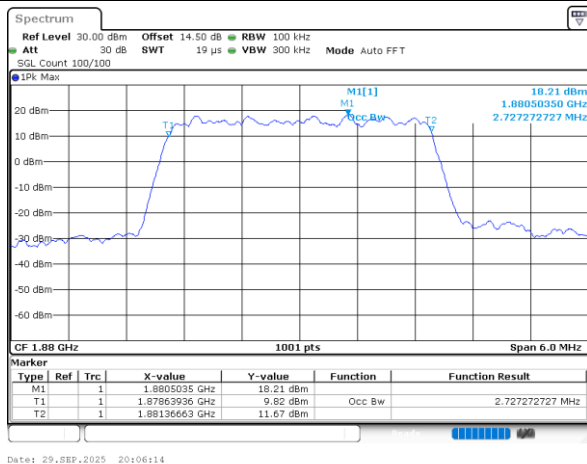
Lowest Channel / 3MHz / QPSK



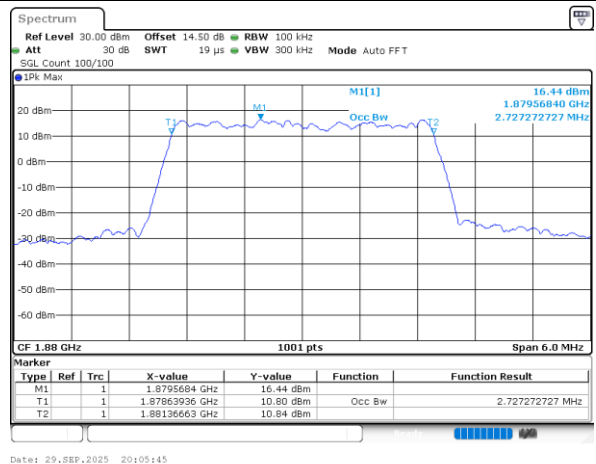
Lowest Channel / 3MHz / 16QAM



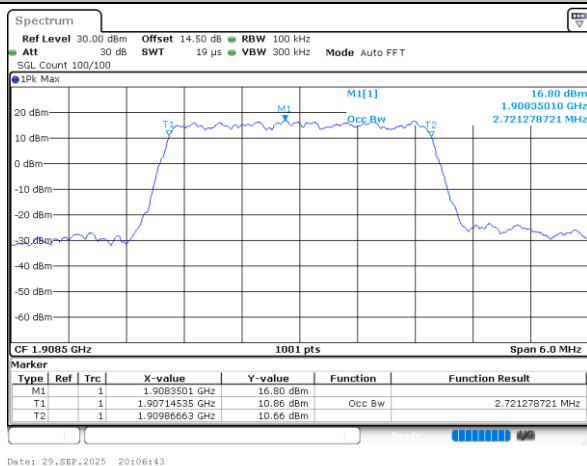
Middle Channel / 3MHz / QPSK



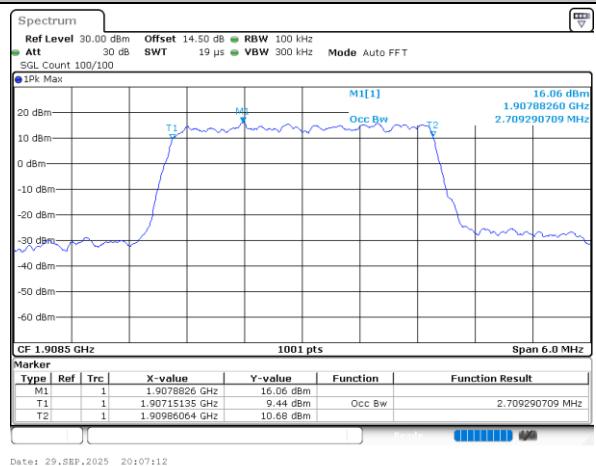
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



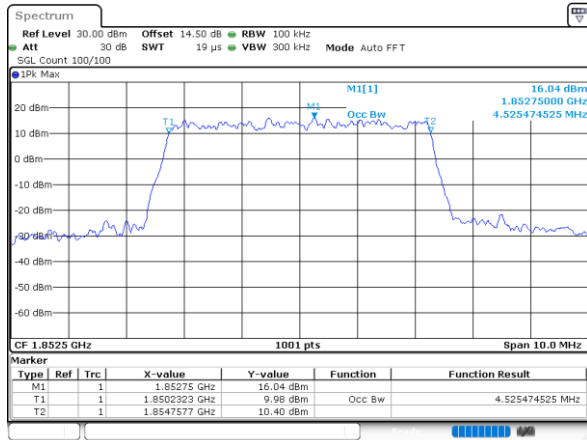
Highest Channel / 3MHz / 16QAM



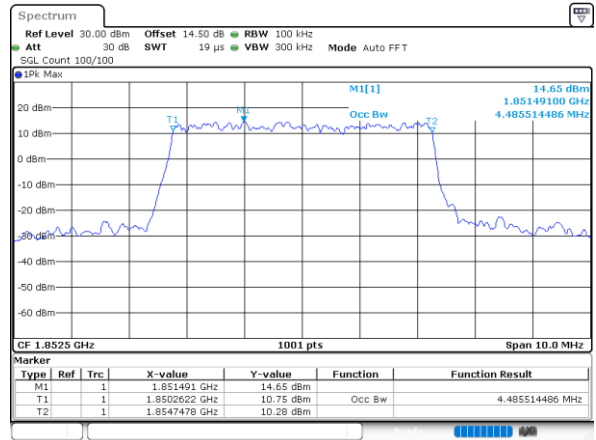


LTE Band 2

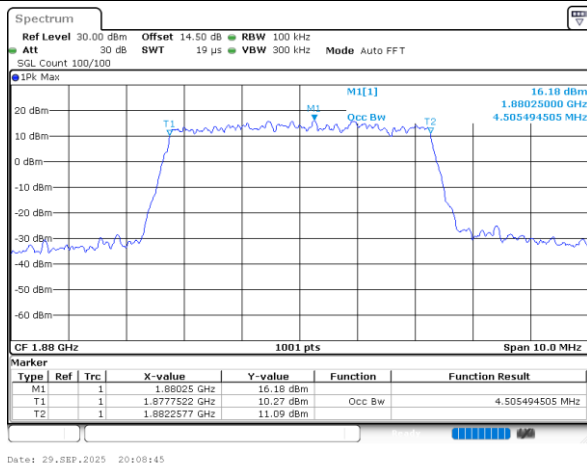
Lowest Channel / 5MHz / QPSK



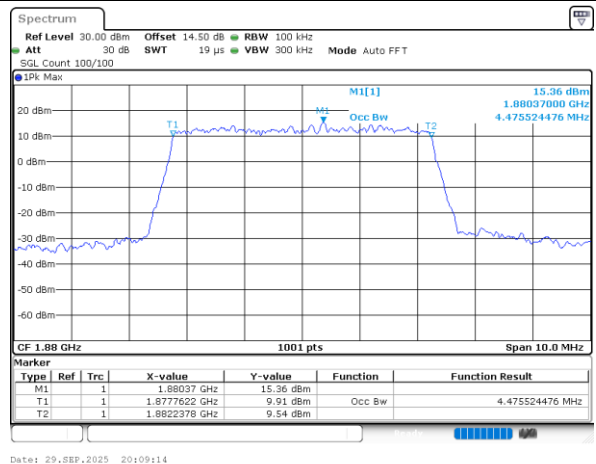
Lowest Channel / 5MHz / 16QAM



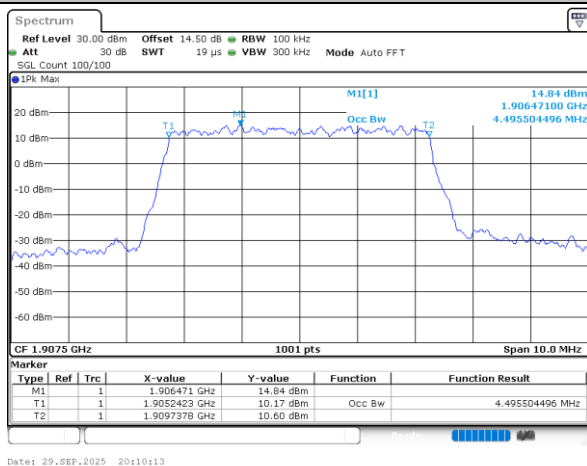
Middle Channel / 5MHz / QPSK



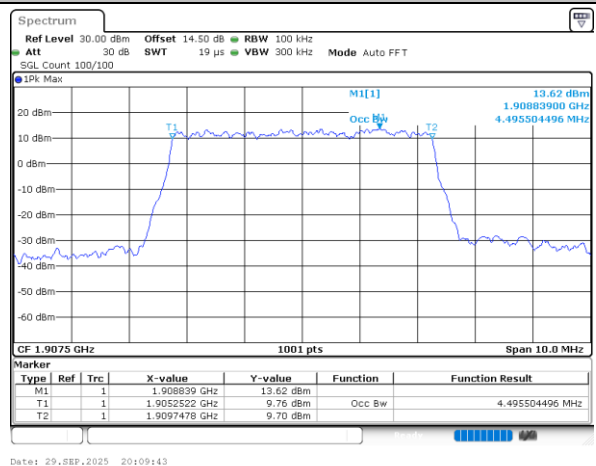
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



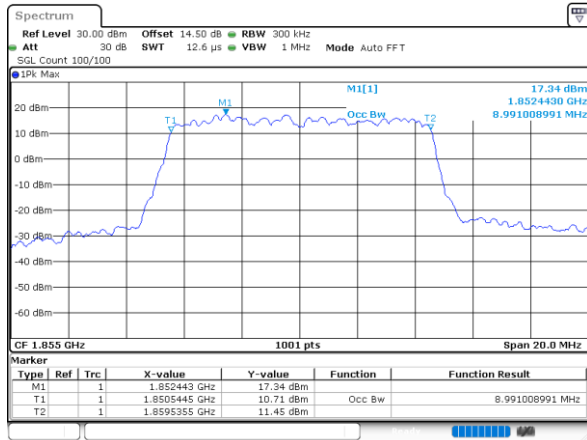
Highest Channel / 5MHz / 16QAM



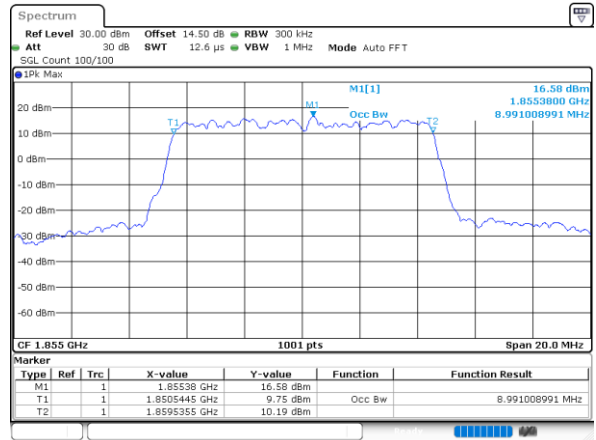


LTE Band 2

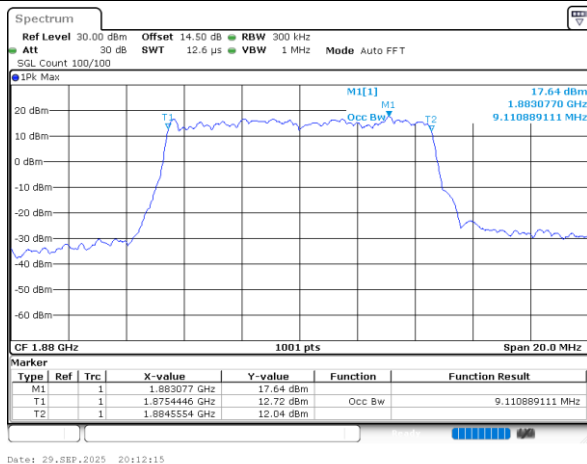
Lowest Channel / 10MHz / QPSK



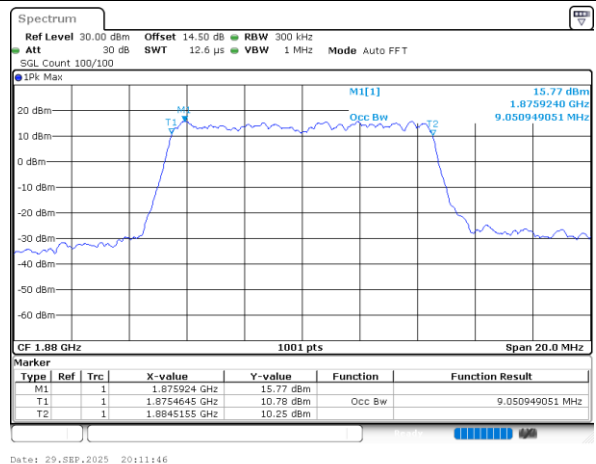
Lowest Channel / 10MHz / 16QAM



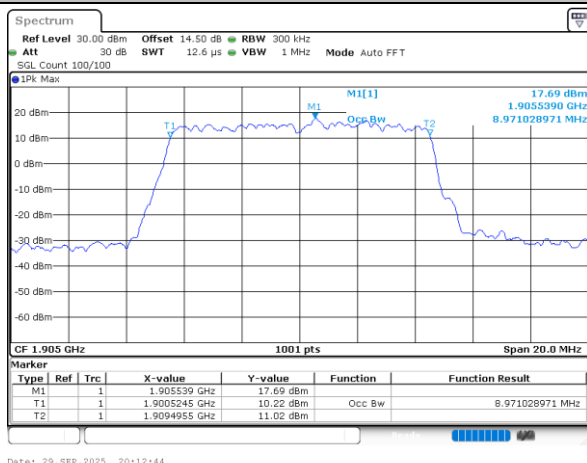
Middle Channel / 10MHz / QPSK



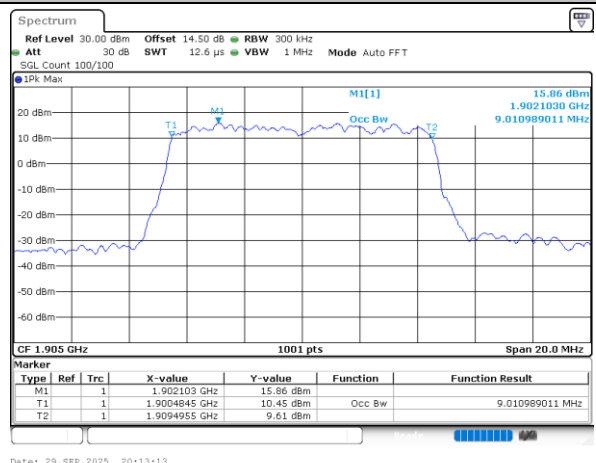
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



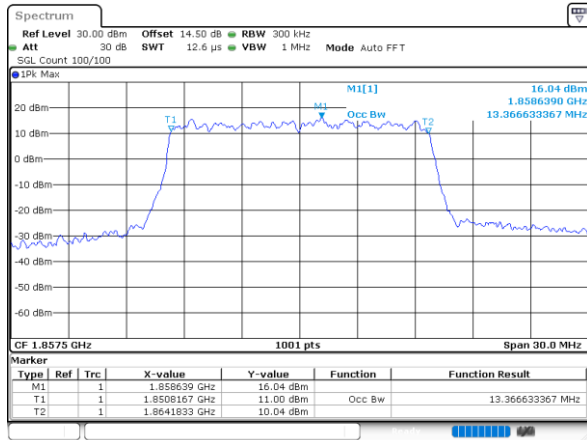
Highest Channel / 10MHz / 16QAM



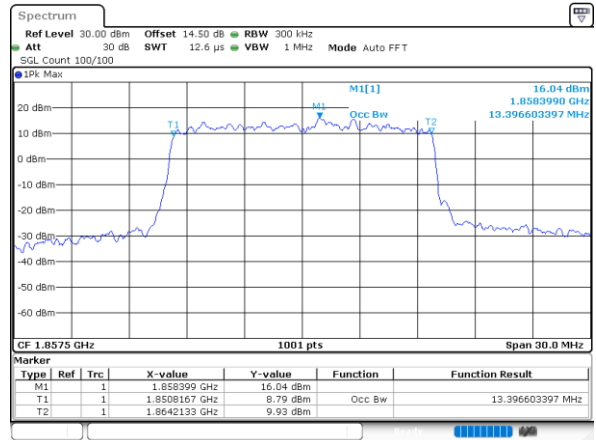


LTE Band 2

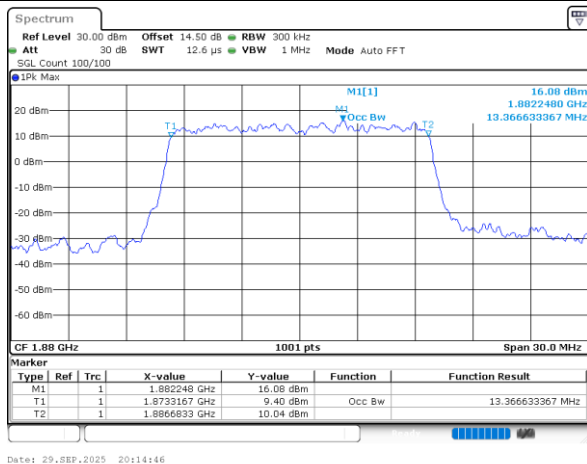
Lowest Channel / 15MHz / QPSK



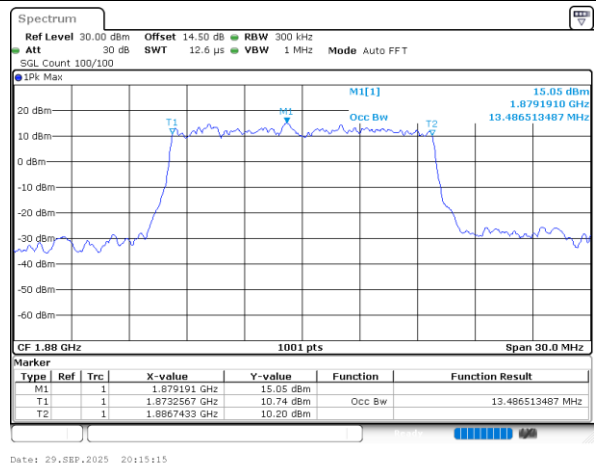
Lowest Channel / 15MHz / 16QAM



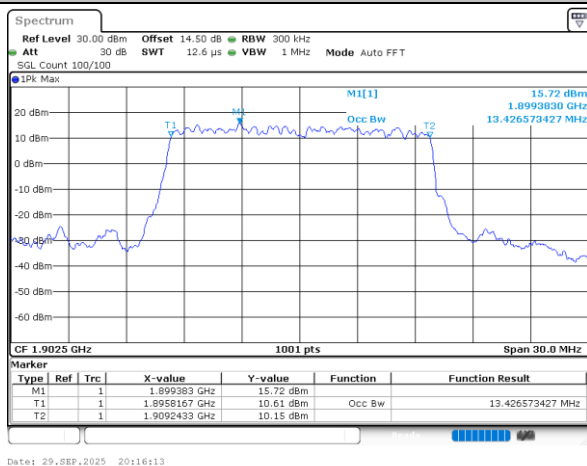
Middle Channel / 15MHz / QPSK



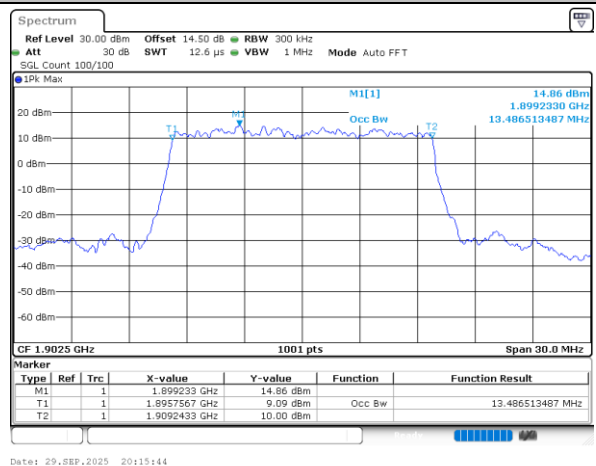
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



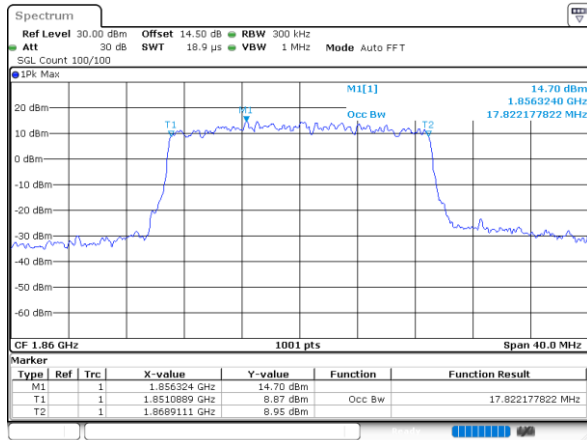
Highest Channel / 15MHz / 16QAM



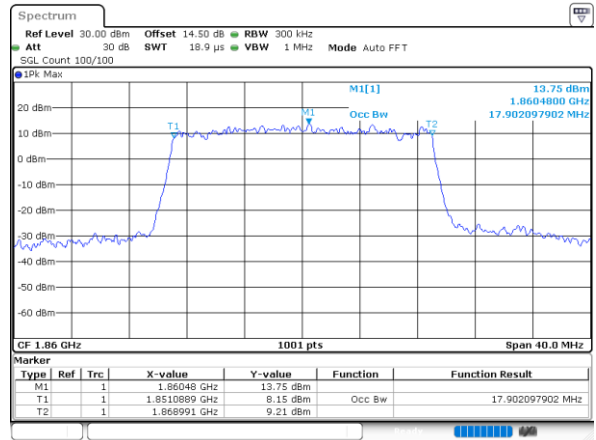


LTE Band 2

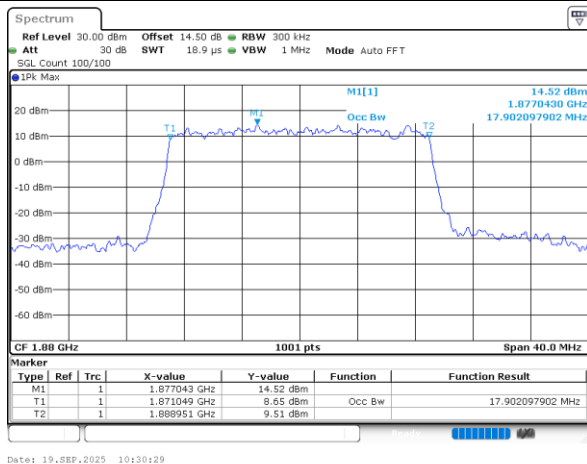
Lowest Channel / 20MHz / QPSK



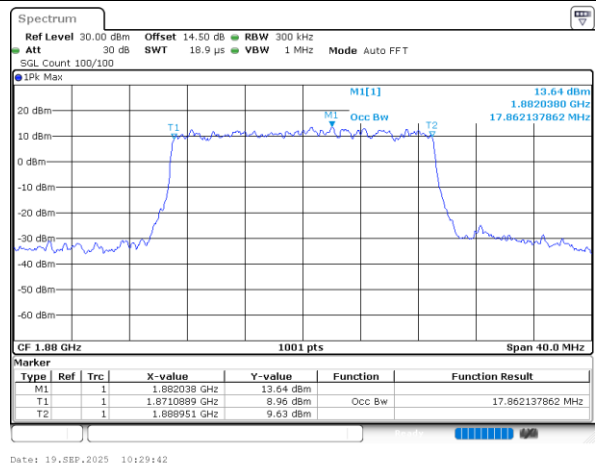
Lowest Channel / 20MHz / 16QAM



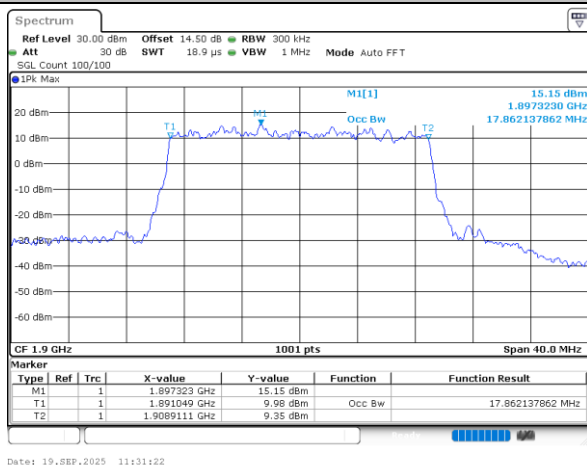
Middle Channel / 20MHz / QPSK



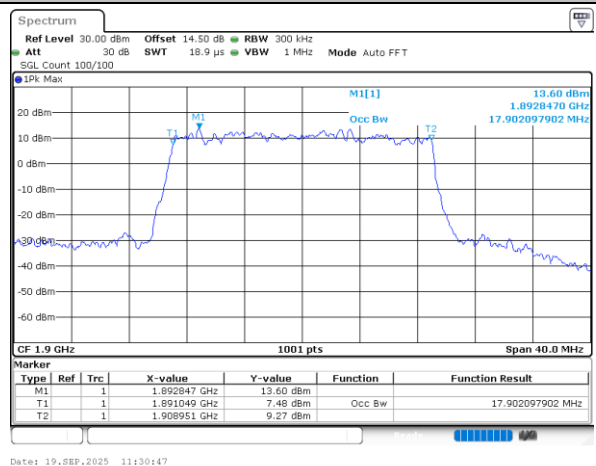
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

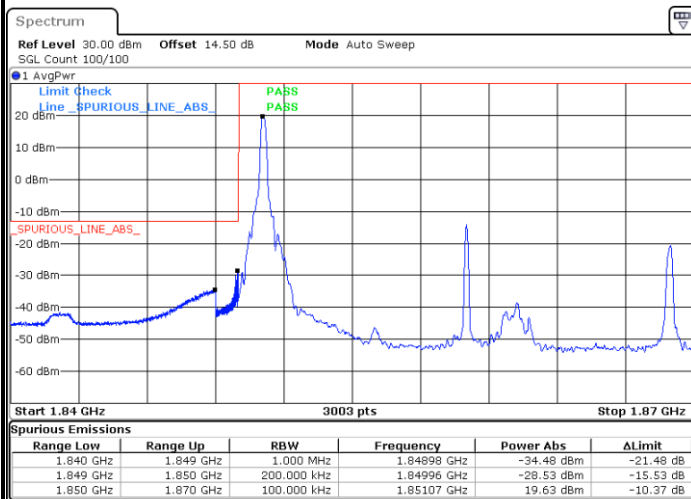




Conducted Band Edge

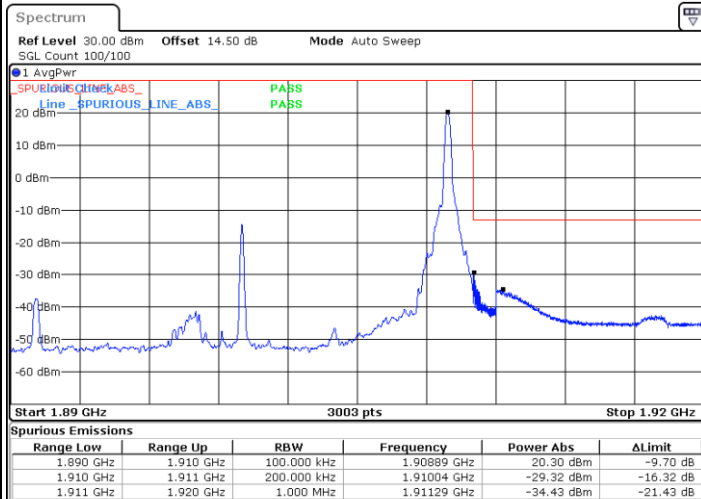
LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1RB



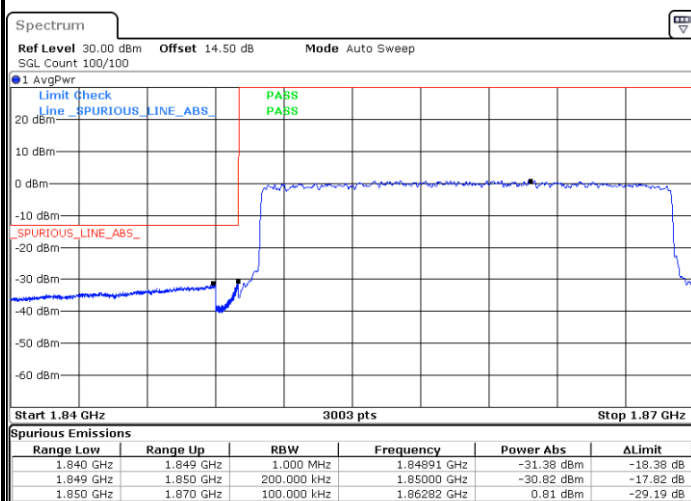
Date: 29.SEP.2025 20:17:46

Highest Band Edge / 1RB



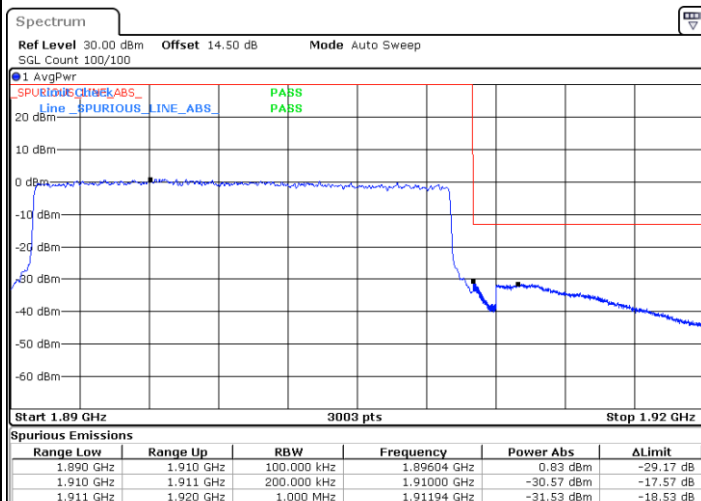
Date: 29.SEP.2025 20:18:31

Lowest Band Edge / Full RB



Date: 29.SEP.2025 20:17:02

Highest Band Edge / Full RB



Date: 29.SEP.2025 20:19:16



LTE Band 5

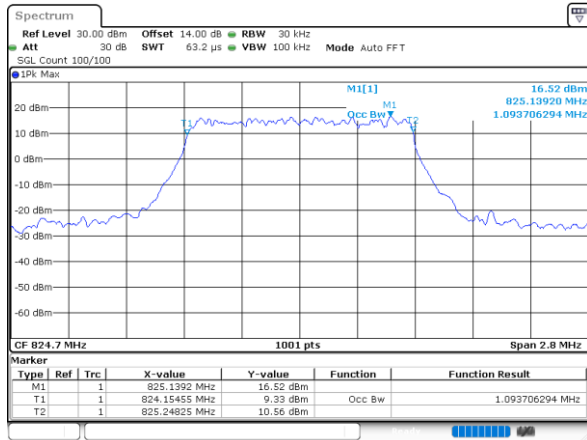
Occupied Bandwidth

Mode	LTE Band 5 : 99%OBW(MHz)							
BW	1M4MHz		3MHz		5MHz		10MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.10	2.71	2.72	4.51	4.49	8.97	9.01
Middle CH	1.09	1.08	2.72	2.71	4.49	4.51	9.09	8.95
Highest CH	1.09	1.10	2.71	2.72	4.49	4.49	8.99	9.03



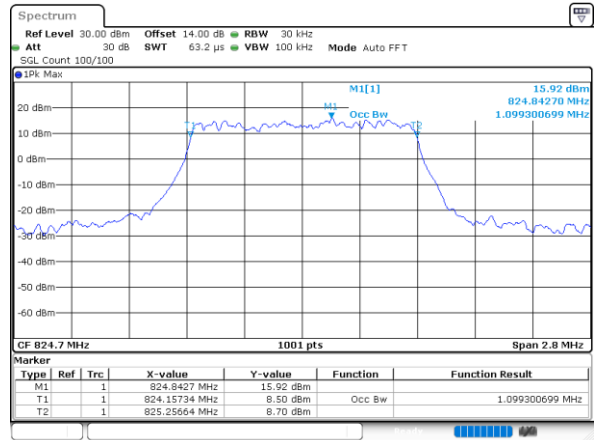
LTE Band 5

Lowest Channel / 1M4MHz / QPSK



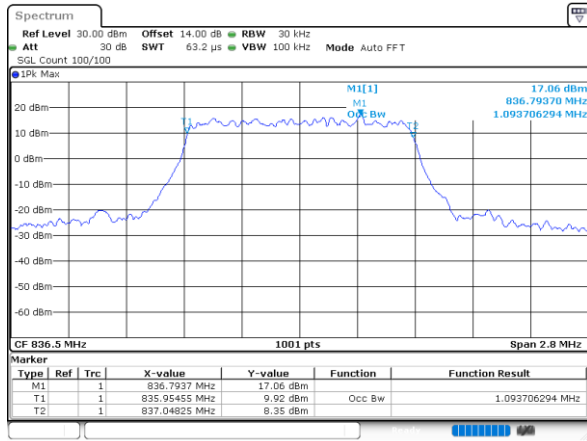
Date: 29_SEP.2025 20:19:52

Lowest Channel / 1M4MHz / 16QAM



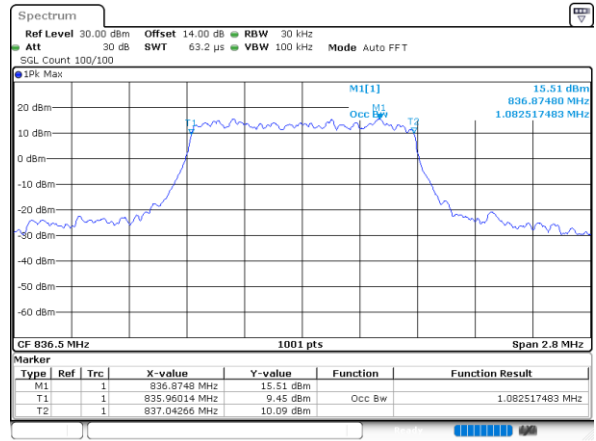
Date: 29_SEP.2025 20:20:25

Middle Channel / 1M4MHz / QPSK



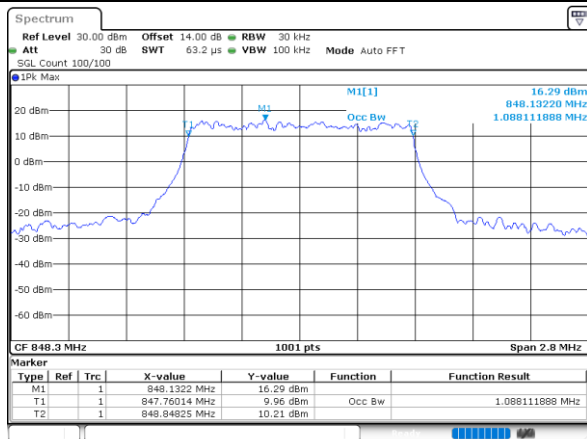
Date: 29_SEP.2025 20:21:23

Middle Channel / 1M4MHz / 16QAM



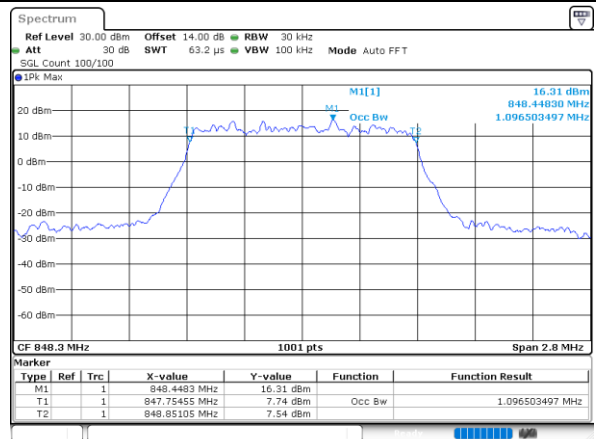
Date: 29_SEP.2025 20:20:54

Highest Channel / 1M4MHz / QPSK



Date: 29_SEP.2025 20:21:52

Highest Channel / 1M4MHz / 16QAM

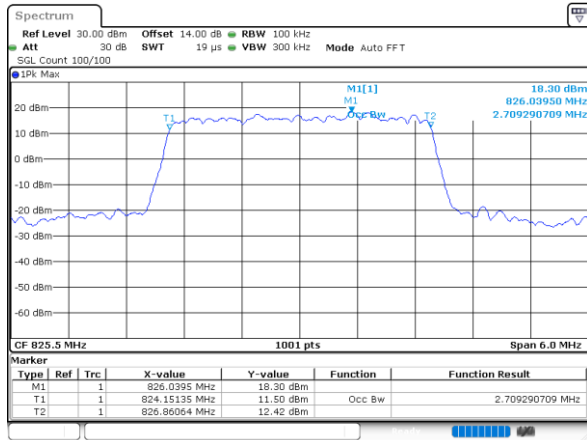


Date: 29_SEP.2025 20:22:21

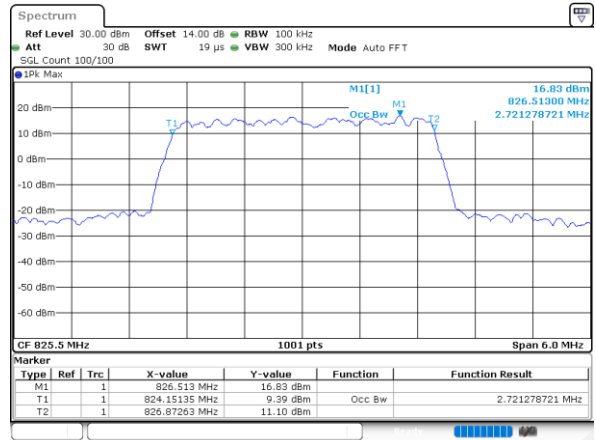


LTE Band 5

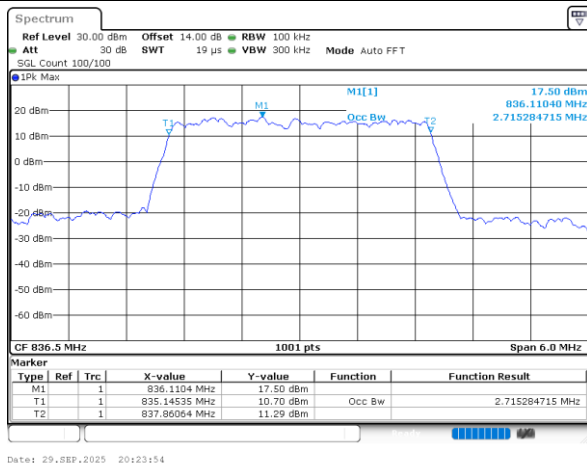
Lowest Channel / 3MHz / QPSK



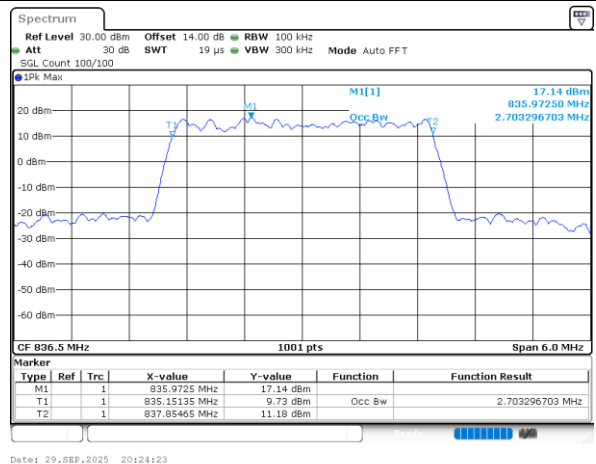
Lowest Channel / 3MHz / 16QAM



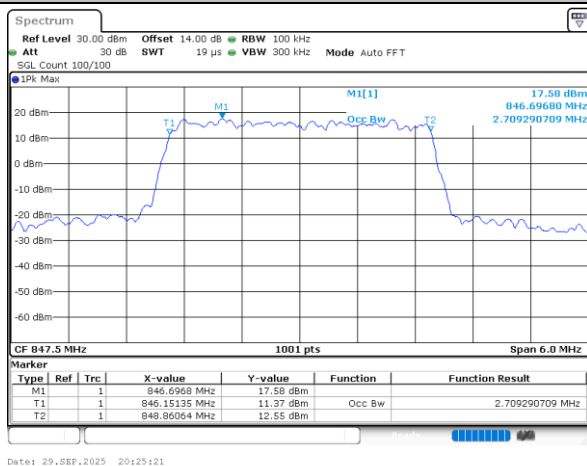
Middle Channel / 3MHz / QPSK



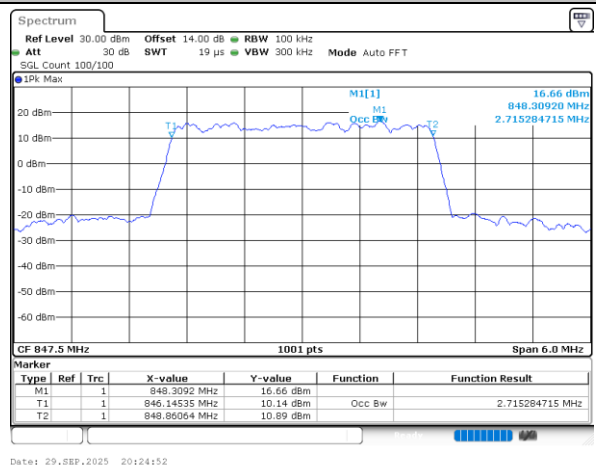
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



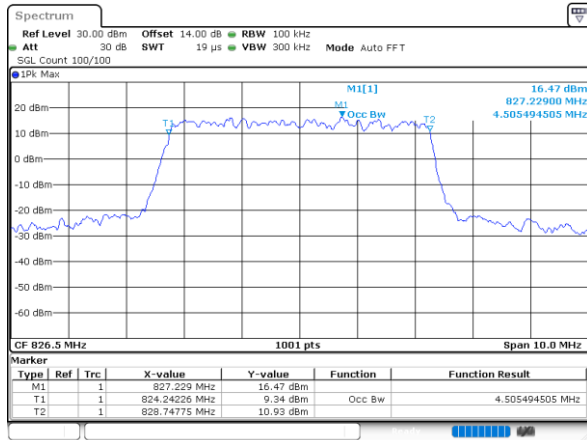
Highest Channel / 3MHz / 16QAM



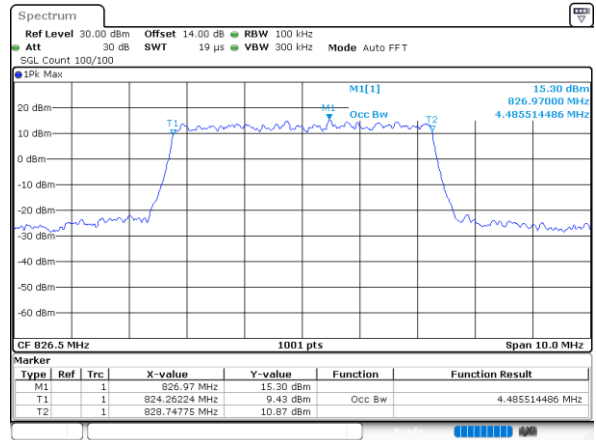


LTE Band 5

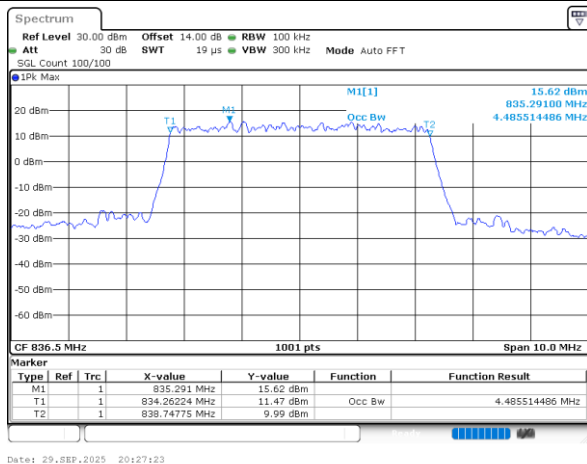
Lowest Channel / 5MHz / QPSK



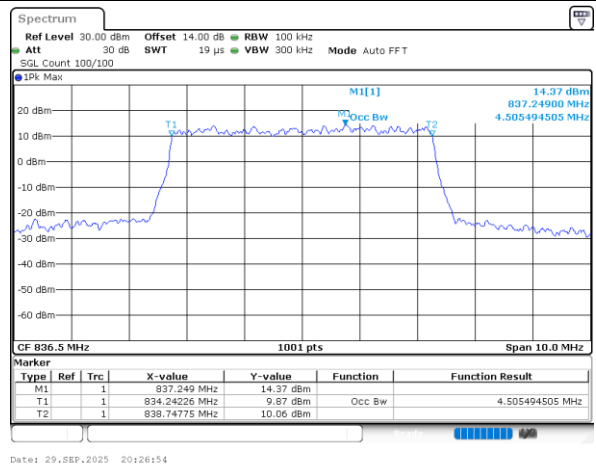
Lowest Channel / 5MHz / 16QAM



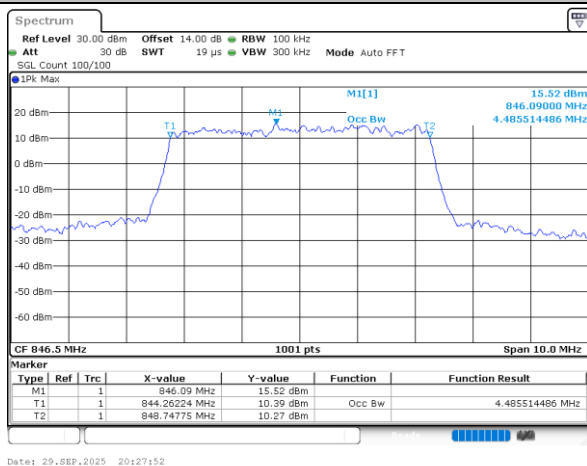
Middle Channel / 5MHz / QPSK



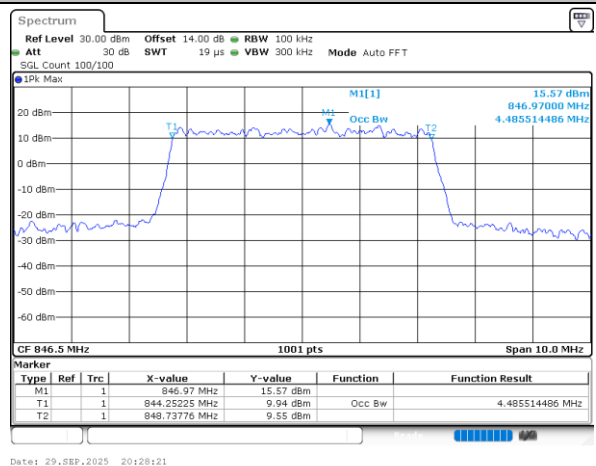
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



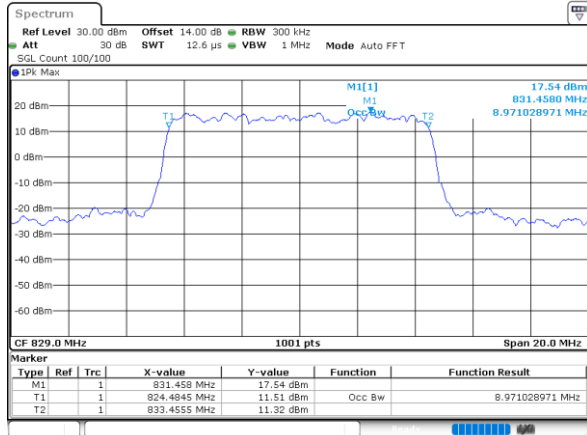
Highest Channel / 5MHz / 16QAM



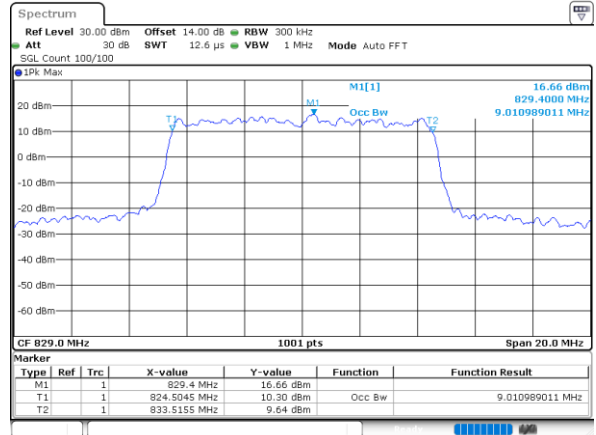


LTE Band 5

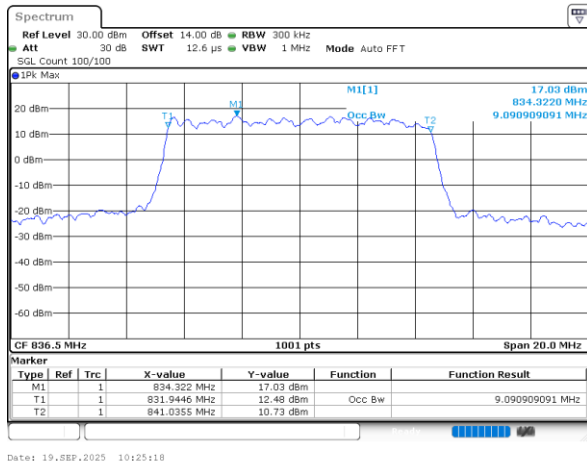
Lowest Channel / 10MHz / QPSK



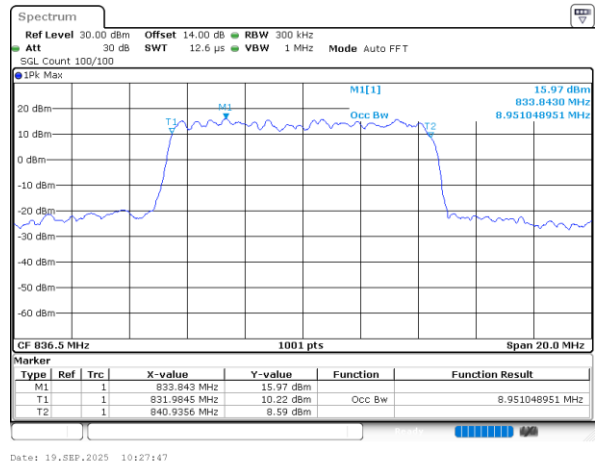
Lowest Channel / 10MHz / 16QAM



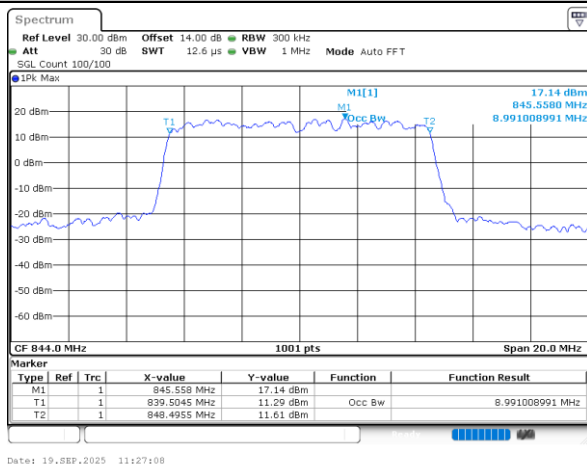
Middle Channel / 10MHz / QPSK



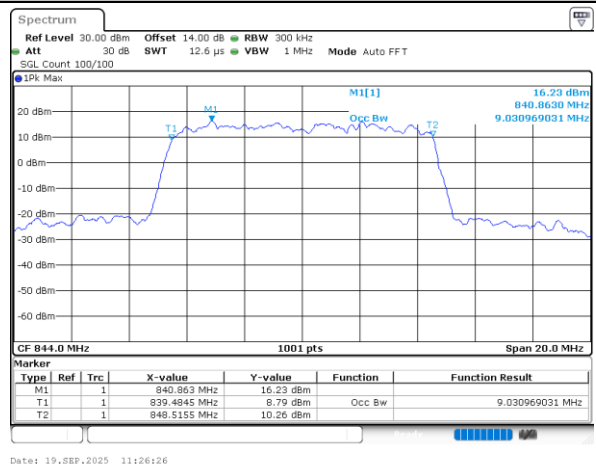
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

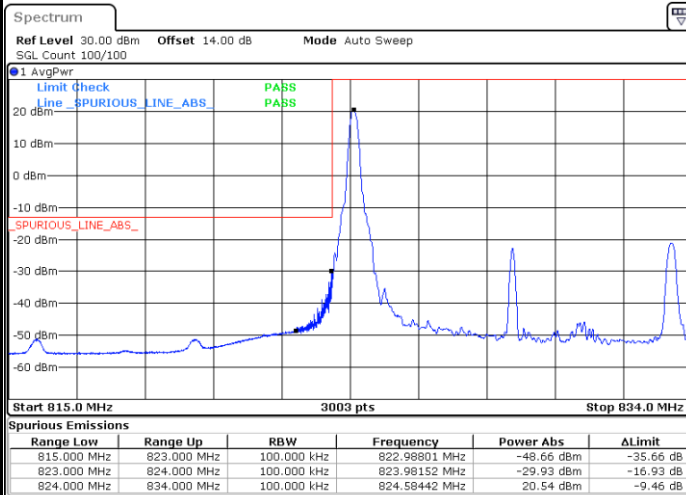




Conducted Band Edge

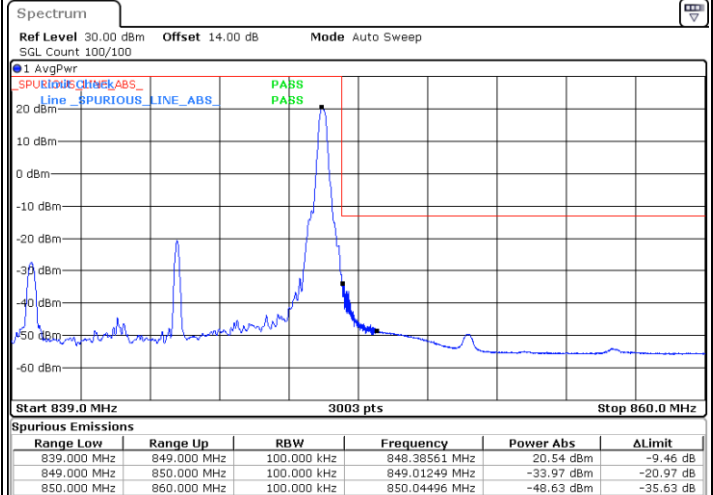
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1RB



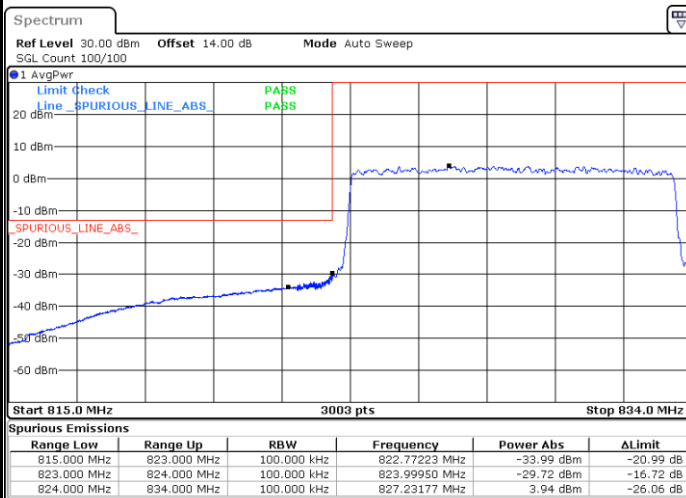
Date: 29.SEP.2025 20:30:01

Highest Band Edge / 1RB



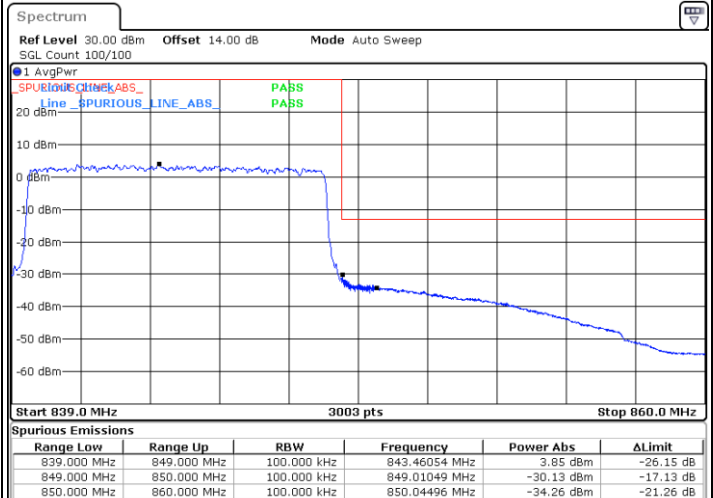
Date: 29.SEP.2025 20:30:53

Lowest Band Edge / Full RB



Date: 29.SEP.2025 20:29:13

Highest Band Edge / Full RB



Date: 29.SEP.2025 20:31:45