



FCC RF Test Report

APPLICANT : TCL Communication Ltd.
EQUIPMENT : GSM/LTE Mobile phone
BRAND NAME : TCL
MODEL NAME : T608G
FCC ID : 2ACCJH170
STANDARD : 47 CFR Part 2, 22(H), 24(E), 27(L), 27(H), 27(F)
CLASSIFICATION : PCS Licensed Transmitter Held to Ear (PCE)
TEST DATE(S) : Nov. 30, 2022 ~ Dec. 28, 2022

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.

Jason Jia



Approved by: Jason Jia

Sporton International Inc. (ShenZhen)

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

People's Republic of China



TABLE OF CONTENTS

REVISION HISTORY...3
SUMMARY OF TEST RESULT...4
1 GENERAL DESCRIPTION...5
1.1 Applicant...5
1.2 Manufacturer...5
1.3 Product Feature of Equipment Under Test...5
1.4 Product Specification of Equipment Under Test...5
1.5 Modification of EUT...6
1.6 Maximum ERP/EIRP Power and Emission Designator...6
1.7 Testing Location...7
1.8 Test Software...7
1.9 Applicable Standards...8
2 TEST CONFIGURATION OF EQUIPMENT UNDER TEST...9
2.1 Test Mode...9
2.2 Connection Diagram of Test System...10
2.3 Support Unit used in test configuration and system...11
2.4 Measurement Results Explanation Example...11
2.5 Frequency List of Low/Middle/High Channels...12
3 CONDUCTED TEST ITEMS...15
3.1 Measuring Instruments...15
3.2 Test Setup...15
3.3 Test Result of Conducted Test...15
3.4 Conducted Output Power and ERP/EIRP...16
3.5 Peak-to-Average Ratio...17
3.6 Occupied Bandwidth...18
3.7 Conducted Band Edge...19
3.8 Conducted Spurious Emission...20
3.9 Frequency Stability...21
4 RADIATED TEST ITEMS...22
4.1 Measuring Instruments...22
4.2 Test Setup...22
4.3 Test Result of Radiated Test...23
4.4 Radiated Spurious Emission...24
5 LIST OF MEASURING EQUIPMENT...25
6 UNCERTAINTY OF EVALUATION...26
APPENDIX A. TEST RESULTS OF CONDUCTED TEST
APPENDIX B. TEST RESULTS OF RADIATED TEST
APPENDIX C. TEST SETUP PHOTOGRAPHS



SUMMARY OF TEST RESULT

Table with 6 columns: Report Section, FCC Rule, Description, Limit, Result, Remark. Rows include tests for Conducted Output Power, Effective Radiated Power, Equivalent Isotropic Radiated Power, Peak-to-Average Ratio, Occupied Bandwidth, Conducted Band Edge Measurement, Conducted Spurious Emission, Frequency Stability, and Radiated Spurious Emission.

Note: This is a variant report for T608G. The change note could be referred to the T608G_Operational Description of C2PC letter which is exhibit separately. Based on the similarity between current and previous project, only the related test cases from original test report (Sporton Report Number FG201305B) were verified for the differences.

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.



1 General Description

1.1 Applicant

TCL Communication Ltd.

5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong

1.2 Manufacturer

TCL Communication Ltd.

5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	GSM/LTE Mobile phone
Brand Name	TCL
Model Name	T608G
FCC ID	2ACCJH170
IMEI Code	Conducted: 016332000212364 Radiation: 016332000212406
HW Version	03
SW Version	6FS6
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 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 66 : 2110 MHz~ 2200 MHz
Bandwidth	LTE Band 2 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 4 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 5 : 1.4MHz / 3MHz / 5MHz / 10MHz LTE Band 12 : 1.4MHz / 3MHz / 5MHz / 10MHz LTE Band 13 : 5MHz / 10MHz LTE Band 66 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz
Maximum Output Power to Antenna	LTE Band 5B : 23.63 dBm LTE Band 66B : 23.68 dBm



	LTE Band 66C : 23.48 dBm
Antenna Gain	Ant1: LTE Band 5 : -3.69 dBi Ant0: LTE Band 66 : 0.32 dBi
Type of Modulation	QPSK / 16QAM / 64QAM

1.5 Modification of EUT

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

1.6 Maximum ERP/EIRP Power and Emission Designator

LTE Band CA_5B	QPSK		16QAM/64QAM	
BW (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
3MHz+5MHz	0.0583	7M59G7D	0.0484	7M59W7D
5MHz+3MHz	0.0589	7M58G7D	0.0501	7M67W7D
5MHz+10MHz	0.0594	13M9G7D	0.0502	13M9W7D
10MHz+5MHz	0.0601	14M0G7D	0.0506	14M0W7D
10MHz+10MHz	0.0601	18M9G7D	0.0479	18M9W7D

LTE Band CA_66B	QPSK		16QAM/64QAM	
BW (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5MHz+5MHz	0.2449	9M39G7D	0.2432	9M43W7D
5MHz+10MHz	0.2421	14M0G7D	0.1982	14M0W7D
5MHz+15MHz	0.2415	18M3G7D	0.2438	18M3W7D
10MHz+5MHz	0.2466	13M9G7D	0.2506	14M0W7D
10MHz+10MHz	0.2427	18M8G7D	0.1941	18M8W7D
15MHz+5MHz	0.2427	18M2G7D	0.2511	18M3W7D

LTE Band CA_66C	QPSK		16QAM/64QAM	
BW (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5MHz+20MHz	0.2377	23M6G7D	0.1879	23M4W7D
10MHz+15MHz	0.2377	23M6G7D	0.2400	23M5W7D
10MHz+20MHz	0.2382	28M2G7D	0.1837	28M3W7D
15MHz+10MHz	0.2355	23M6G7D	0.2360	23M5W7D



15MHz+15MHz	0.2388	28M7G7D	0.1849	28M7W7D
15MHz+20MHz	0.2377	32M9G7D	0.1849	32M9W7D
20MHz+5MHz	0.2355	23M5G7D	0.1828	23M4W7D
20MHz+10MHz	0.2360	28M4G7D	0.1879	28M2W7D
20MHz+15MHz	0.2399	33M0G7D	0.1184	32M9W7D
20MHz+20MHz	0.2377	37M9G7D	0.1932	37M9W7D

Note: 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	1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055 People’s Republic of China TEL: +86-755-86379589 FAX: +86-755-86379595		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	TH01-SZ	CN1256	421272

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 China 518103 TEL: +86-755-33202398		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	03CH03-SZ	CN1256	421272

1.8 Test Software

Item	Site	Manufacture	Name	Version
1.	03CH03-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 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.

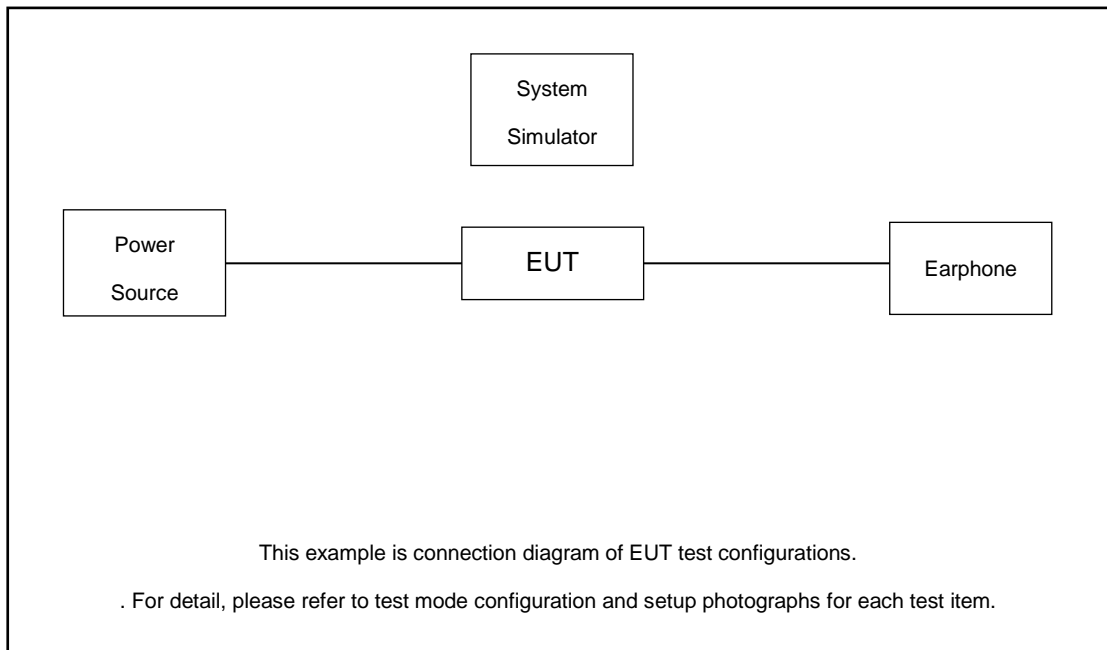
Test Items	Band	Bandwidth (MHz)						Modulation			RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QA M	64QA M	1	Half	Full	L	M	H
Radiated Spurious Emission	13	Worst Case													v	
Note	1. The mark "v" means that this configuration is chosen for testing 2. The mark "-" means that this bandwidth is 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.															

Test Items	Band	Bandwidth (MHz)								Modulation				RB #			Test Channel		
		10+10	15+5	5+15	10+5	5+10	5+5	5+3	3+5	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Max. Output Power	5B_CA	v	-	-	v	v	-	v	v	v	v	v	-	v		v	v	v	v
	66B_CA	v	v	v	v	v	v	-	-	v	v	v	-	v		v	v	v	v
26dB and 99% Bandwidth	5B_CA	v	-	-	v	v	-	v	v	v	v	v	-			v	v	v	v
	66B_CA	v	v	v	v	v	v	-	-	v	v	v	-			v	v	v	v
Conducted Band Edge	5B_CA	v	-	-	v	v	-	v	v	v	v	v	-	v		v	v		v
	66B_CA	v	v	v	v	v	v	-	-	v	v	v	-	v		v	v		v
Conducted Spurious Emission	5B_CA	v	-	-	v	v	-	v	v	v	v	v	-	v			v	v	v
	66B_CA	v	v	v	v	v	v	-	-	v	v	v	-	v			v	v	v
E.I.R.P.	5B_CA	v	-	-	v	v	-	v	v	v	v	v	-	v		v	v	v	v
	66B_CA	v	v	v	v	v	v	-	-	v	v	v	-	v		v	v	v	v
Radiated Spurious Emission	5B_CA	Worst Case																v	
	66B_CA	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. All test items are based on engineering evaluation. 5. For QAM modulation mode, the whole testing has assessed 16QAM&64QAM mode by referring to the higher conducted power																		



Test Items	Band	Bandwidth (MHz)										Modulation				RB #			Test Channel			
		20+20	20+15	20+10	20+5	15+20	15+15	15+10	10+20	10+15	5+20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H	
Max. Output Power	66C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	-	v		v	v	v	v	
26dB and 99% Bandwidth	66C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	-			v	v	v	v	
Conducted Band Edge	66C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	-	v		v	v		v	
Conducted Spurious Emission	66C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	-	v				v	v	v
E.I.R.P.	66C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	-	v		v	v	v	v	
Radiated Spurious Emission	66C_CA	Worst Case																	v			
Note	<ol style="list-style-type: none"> The mark "v" means that this configuration is chosen for testing 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. All test items are based on engineering evaluation. 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.

$$\text{Offset} = \text{RF cable loss} + \text{attenuator factor}.$$

Following shows an offset computation example with cable loss 4.0 dB and 10dB attenuator.

Example :

$$\begin{aligned} \text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)}. \\ &= 4.0 + 10 = 14.0 \text{ (dB)} \end{aligned}$$



2.5 Frequency List of Low/Middle/High Channels

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 5B_CA Channel and Frequency List					
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest	
3 + 5	PCC	Channel	20416	20501	20586
		Frequency	825.6	834.1	842.6
	SCC	Channel	20455	20540	20625
		Frequency	829.5	838.0	846.5
5 + 3	PCC	Channel	20425	20510	20595
		Frequency	826.5	835.0	843.5
	SCC	Channel	20464	20549	20634
		Frequency	830.4	838.9	847.4
5 + 10	PCC	Channel	20428	20478	20528
		Frequency	826.8	831.8	836.8
	SCC	Channel	20500	20550	20600
		Frequency	834	839	844
10 + 5	PCC	Channel	20450	20500	20550
		Frequency	829	834	839
	SCC	Channel	20522	20572	20622
		Frequency	836.2	841.2	846.2
10 + 10	PCC	Channel	20450	20476	20501
		Frequency	829	831.6	834.1
	SCC	Channel	20549	20575	20600
		Frequency	838.9	841.5	844



LTE Band 66C_CA Channel and Frequency List					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
10 + 15	PCC	Channel	132025	132351	132477
		Frequency	1715.3	1747.9	1760.5
	SCC	Channel	132145	132471	132597
		Frequency	1727.3	1759.9	1772.5
15 + 10	PCC	Channel	132047	132373	132499
		Frequency	1717.5	1750.1	1762.7
	SCC	Channel	132167	132493	132619
		Frequency	1729.5	1762.1	1774.7
10 + 20	PCC	Channel	132027	132328	132428
		Frequency	1715.5	1745.6	1755.6
	SCC	Channel	132171	132472	132572
		Frequency	1729.9	1760	1770
20 + 10	PCC	Channel	132072	132373	132473
		Frequency	1720	1750.1	1760.1
	SCC	Channel	132216	132517	132617
		Frequency	1734.4	1764.5	1774.5
15 + 15	PCC	Channel	132047	132347	132447
		Frequency	1717.5	1747.5	1757.5
	SCC	Channel	132197	132497	132597
		Frequency	1732.5	1762.5	1772.5
15 + 20	PCC	Channel	132050	132325	132401
		Frequency	1717.8	1745.3	1752.9
	SCC	Channel	132221	132496	132572
		Frequency	1734.9	1762.4	1770
20 + 15	PCC	Channel	132072	132348	132423
		Frequency	1720	1747.6	1755.1
	SCC	Channel	132243	132519	132594
		Frequency	1737.1	1764.7	1772.2
20 + 5	PCC	Channel	132072	132397	132522
		Frequency	1720	1752.5	1765
	SCC	Channel	132189	132514	132639
		Frequency	1731.7	1764.2	1776.7
5 + 20	PCC	Channel	132005	132330	132455



	SCC	Frequency	1713.3	1745.8	1758.3
		Channel	132122	132447	132572
20 + 20	PCC	Frequency	1725	1757.5	1770
		Channel	132072	132323	132374
	SCC	Frequency	1720	1745.1	1750.2
		Channel	132270	132521	132572
	SCC	Frequency	1739.8	1764.9	1770
		Channel			

LTE Band 66B_CA Channel and Frequency List					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
5 + 5	PCC	Channel	131997	132398	132599
		Frequency	1712.5	1752.6	1772.7
	SCC	Channel	132045	132446	132647
		Frequency	1717.3	1757.4	1777.5
5 + 10	PCC	Channel	132000	132375	132550
		Frequency	1712.8	1750.3	1767.8
	SCC	Channel	132072	132447	132622
		Frequency	1720	1757.5	1775
10 + 5	PCC	Channel	132022	132397	132572
		Frequency	1715	1752.5	1770
	SCC	Channel	132094	132469	132644
		Frequency	1722.2	1759.7	1777.2
5 + 15	PCC	Channel	132002	132353	132504
		Frequency	1713	1748.1	1763.2
	SCC	Channel	132095	132446	132597
		Frequency	1722.3	1757.4	1772.5
15 + 5	PCC	Channel	132047	132398	132549
		Frequency	1717.5	1752.6	1767.7
	SCC	Channel	132140	132491	132642
		Frequency	1726.8	1761.9	1777
10 + 10	PCC	Channel	132022	132373	132523
		Frequency	1715	1750.1	1765.1
	SCC	Channel	132121	132472	132622
		Frequency	1724.9	1760	1775

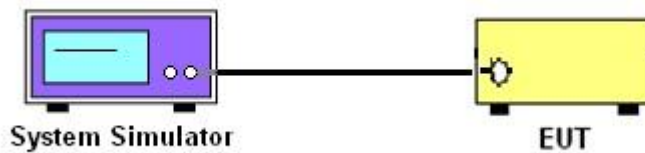
3 Conducted Test Items

3.1 Measuring Instruments

See list of measuring instruments of this test report.

3.2 Test Setup

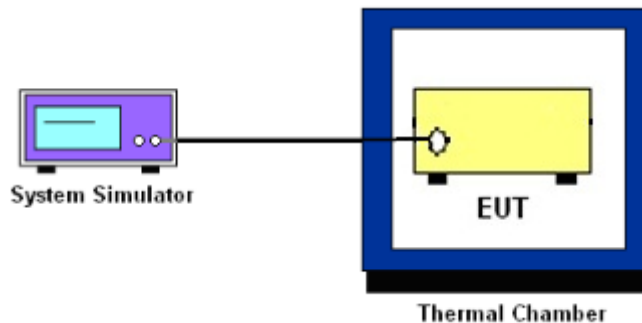
3.2.1 Conducted Output Power



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.

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

According to KDB 412172 D01 Power Approach,

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

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

3.4.2 Test Procedures

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



3.5 Peak-to-Average Ratio

3.5.1 Description of the PAR Measurement

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

3.5.2 Test Procedures

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



3.6 Occupied Bandwidth

3.6.1 Description of Occupied Bandwidth Measurement

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

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

3.6.2 Test Procedures

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



3.7 Conducted Band Edge

3.7.1 Description of Conducted Band Edge Measurement

22.917(a)

For operations in the 824 – 849 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power P(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.

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(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
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.



3.8 Conducted Spurious Emission

3.8.1 Description of Conducted Spurious Emission Measurement

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

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

3.8.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
4. The middle channel for the highest RF power within the transmitting frequency was measured.
5. The conducted spurious emission for the whole frequency range was taken.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
7. Set spectrum analyzer with RMS detector.
8. Taking the record of maximum spurious emission.
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
10. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)
= P(W)- [43 + 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 $\pm 0.00025\%$ ($\pm 2.5\text{ppm}$) of the center frequency.

3.9.2 Test Procedures for Temperature Variation

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

3.9.3 Test Procedures for Voltage Variation

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

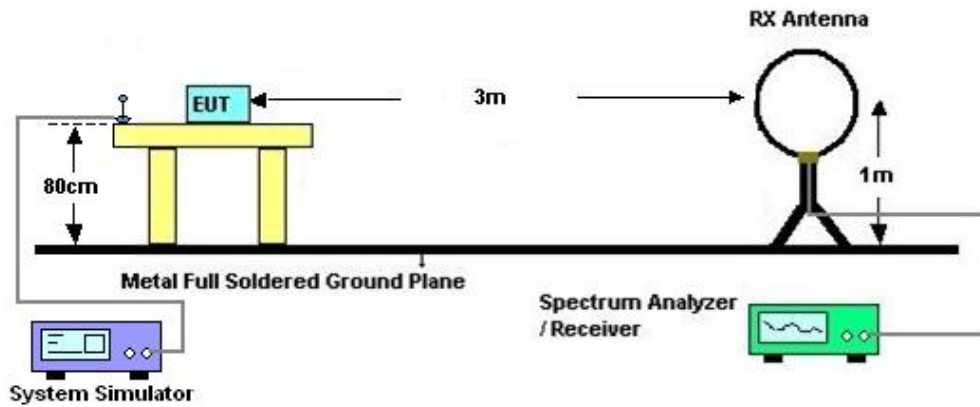
4 Radiated Test Items

4.1 Measuring Instruments

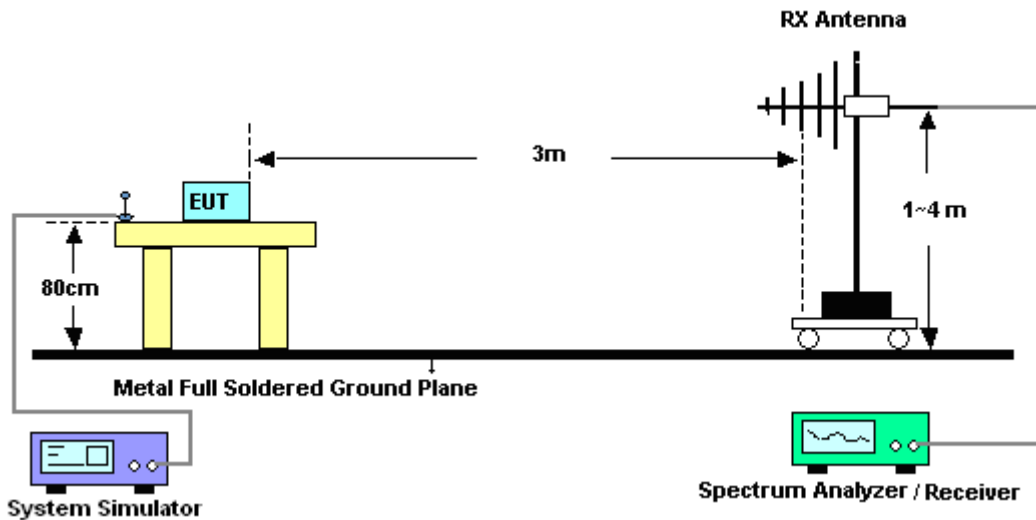
See list of measuring instruments of this test report.

4.2 Test Setup

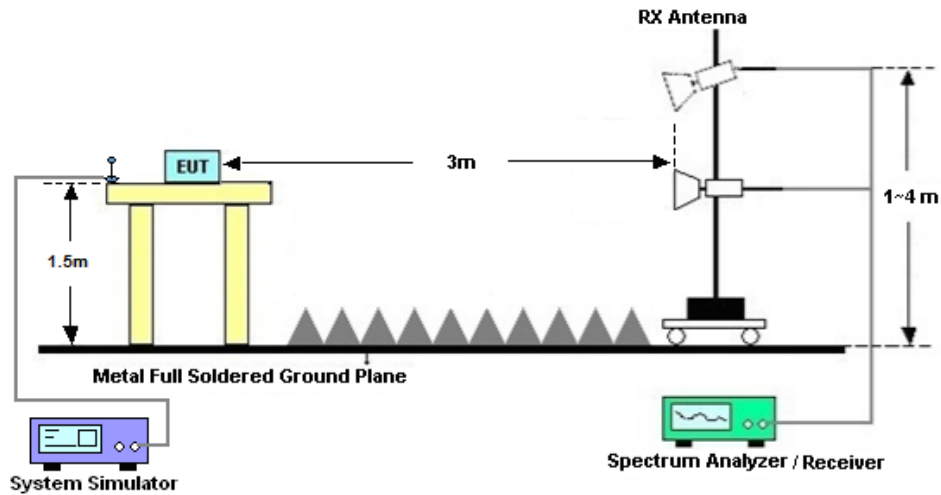
4.2.1 For radiated test below 30MHz



4.2.2 For radiated test from 30MHz to 1GHz



4.2.3 For radiated test above 1GHz



4.3 Test Result of Radiated Test

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

Please refer to Appendix B.



4.4 Radiated Spurious Emission

4.4.1 Description of Radiated Spurious Emission

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

For 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)
= $P(W) - [43 + 10\log(P)]$ (dB)
= $[30 + 10\log(P)]$ (dBm) - $[43 + 10\log(P)]$ (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. 07, 2022	Nov. 30, 2022~ Dec. 28, 2022	Apr. 08, 2023	Conducted (TH01-SZ)
Power divider	STI	STI08-0055	-	0.5~40GHz	Aug. 25, 2022	Nov. 30, 2022~ Dec. 28, 2022	Aug. 24, 2023	Conducted (TH01-KS)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H2014081803	-40~+150°C	Jul. 07, 2022	Nov. 30, 2022~ Dec. 28, 2022	Jul. 06, 2023	Conducted (TH01-SZ)
EMI Test Receiver&SA	KEYSIGHT	N9038A	MY54450083	20Hz~8.4GHz	Apr. 06, 2022	Dec. 27, 2022	Apr. 05, 2023	Radiation (03CH03-SZ)
Loop Antenna	R&S	HFH2-Z2	100354	9kHz~30MHz	Jun. 28, 2022	Dec. 27, 2022	Jun. 27, 2024	Radiation (03CH03-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150246	10Hz~44GHz;	Apr. 06, 2022	Dec. 27, 2022	Apr. 05, 2023	Radiation (03CH03-SZ)
Bilog Antenna	TeseQ	CBL6112D	35408	30MHz~2GHz	Aug. 09, 2021	Dec. 27, 2022	Aug. 08, 2023	Radiation (03CH03-SZ)
Double Ridge Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1355	1GHz~18GHz	Apr. 08, 2022	Dec. 27, 2022	Apr. 07, 2023	Radiation (03CH03-SZ)
Amplifier	Burgeon	BPA-530	102211	0.01Hz ~3000MHz	Oct. 19, 2022	Dec. 27, 2022	Oct. 18, 2023	Radiation (03CH03-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 06, 2022	Dec. 27, 2022	Jul. 05, 2023	Radiation (03CH03-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 10, 2022	Dec. 27, 2022	Apr. 09, 2023	Radiation (03CH03-SZ)
Amplifier	Agilent Technologies	83017A	MY39501302	500MHz~26.5GHz	Dec. 26, 2021	Dec. 27, 2022	Dec. 25, 2023	Radiation (03CH03-SZ)
AC Power Source	Chroma	61601	616010002729	N/A	Nov. 10, 2022	Dec. 27, 2022	Nov. 09, 2023	Radiation (03CH03-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Dec. 27, 2022	NCR	Radiation (03CH03-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Dec. 27, 2022	NCR	Radiation (03CH03-SZ)

NCR: No Calibration Required



6 Uncertainty of Evaluation

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
Conducted Emissions	±1.34 dB
Occupied Channel Bandwidth	±0.13 %

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.0 dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.6 dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.8 dB
---	--------



Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power)

LTE Band 5B:

CA_5B Ant 1								
Combination 10MHz+10MHz (50RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20450	20549	QPSK	50	0	50	0	100	22.71
			1	0	1	49	2	23.54
			1	49	1	0	2	23.63
		16QAM	50	0	50	0	100	21.67
			1	0	1	49	2	22.51
			1	49	1	0	2	22.6
		64QAM	50	0	50	0	100	20.72
			1	0	1	49	2	21.44
			1	49	1	0	2	21.52
20476	20575	QPSK	50	0	50	0	100	22.76
			1	0	1	49	2	23.6
			1	49	1	0	2	23.61
		16QAM	50	0	50	0	100	21.75
			1	0	1	49	2	22.6
			1	49	1	0	2	22.64
		64QAM	50	0	50	0	100	20.81
			1	0	1	49	2	21.55
			1	49	1	0	2	21.58
20501	20600	QPSK	50	0	50	0	100	22.75
			1	0	1	49	2	23.55
			1	49	1	0	2	23.5
		16QAM	50	0	50	0	100	21.64
			1	0	1	49	2	22.49
			1	49	1	0	2	22.58
		64QAM	50	0	50	0	100	20.8
			1	0	1	49	2	21.55
			1	49	1	0	2	21.53

CA_5B								
Combination 10MHz+5MHz (50RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20450	20522	QPSK	50	0	25	0	75	22.66
		QPSK	1	0	1	24	2	23.55
		QPSK	1	49	1	0	2	23.63
		16QAM	50	0	25	0	75	21.65
		16QAM	1	0	1	24	2	22.88
		16QAM	1	49	1	0	2	22.66
		64QAM	50	0	25	0	75	20.68
		64QAM	1	0	1	24	2	21.48
		64QAM	1	49	1	0	2	21.58
20500	20572	QPSK	50	0	25	0	75	22.61
		QPSK	1	0	1	24	2	23.48



		QPSK	1	49	1	0	2	23.51
		16QAM	50	0	25	0	75	21.53
		16QAM	1	0	1	24	2	22.87
		16QAM	1	49	1	0	2	22.54
		64QAM	50	0	25	0	75	20.62
		64QAM	1	0	1	24	2	21.44
		64QAM	1	49	1	0	2	21.51
20550	20622	QPSK	50	0	25	0	75	22.55
		QPSK	1	0	1	24	2	23.52
		QPSK	1	49	1	0	2	23.58
		16QAM	50	0	25	0	75	21.54
		16QAM	1	0	1	24	2	22.78
		16QAM	1	49	1	0	2	22.56
		64QAM	50	0	25	0	75	20.63
		64QAM	1	0	1	24	2	21.44
		64QAM	1	49	1	0	2	21.55
Combination 5MHz+10MHz (25RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20428	20500	QPSK	25	0	50	0	75	22.65
		QPSK	1	0	1	49	2	23.47
		QPSK	1	24	1	0	2	23.58
		16QAM	25	0	50	0	75	21.57
		16QAM	1	0	1	49	2	22.76
		16QAM	1	24	1	0	2	22.59
		64QAM	25	0	50	0	75	20.61
		64QAM	1	0	1	49	2	21.44
		64QAM	1	24	1	0	2	21.52
20478	20550	QPSK	25	0	50	0	75	22.55
		QPSK	1	0	1	49	2	23.52
		QPSK	1	24	1	0	2	23.54
		16QAM	25	0	50	0	75	21.53
		16QAM	1	0	1	49	2	22.85
		16QAM	1	24	1	0	2	22.56
		64QAM	25	0	50	0	75	20.66
		64QAM	1	0	1	49	2	21.36
		64QAM	1	24	1	0	2	21.46
20528	20600	QPSK	25	0	50	0	75	22.65
		QPSK	1	0	1	49	2	23.45
		QPSK	1	24	1	0	2	23.53
		16QAM	25	0	50	0	75	21.63
		16QAM	1	0	1	49	2	22.78
		16QAM	1	24	1	0	2	22.62
		64QAM	25	0	50	0	75	20.58
		64QAM	1	0	1	49	2	21.45
		64QAM	1	24	1	0	2	21.5
Combination 5MHz+3MHz (25RB+156RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20425	20464	QPSK	25	0	15	0	40	22.64
		QPSK	1	0	1	14	2	23.5
		QPSK	1	24	1	0	2	23.54
		16QAM	25	0	15	0	150	21.6
		16QAM	1	0	1	14	2	22.78
		16QAM	1	24	1	0	2	22.61
		64QAM	25	0	15	0	150	20.62



		64QAM	1	0	1	14	2	21.37
		64QAM	1	24	1	0	2	21.55
20510	20549	QPSK	25	0	15	0	40	22.59
		QPSK	1	0	1	14	2	23.44
		QPSK	1	24	1	0	2	23.54
		16QAM	25	0	15	0	150	21.59
		16QAM	1	0	1	14	2	22.84
		16QAM	1	24	1	0	2	22.61
		64QAM	25	0	15	0	150	20.61
		64QAM	1	0	1	14	2	21.43
		64QAM	1	24	1	0	2	21.5
20595	20634	QPSK	25	0	15	0	40	22.55
		QPSK	1	0	1	14	2	23.43
		QPSK	1	24	1	0	2	23.54
		16QAM	25	0	15	0	150	21.62
		16QAM	1	0	1	14	2	22.77
		16QAM	1	24	1	0	2	22.59
		64QAM	25	0	15	0	150	20.6
		64QAM	1	0	1	14	2	21.4
		64QAM	1	24	1	0	2	21.56
Combination 3MHz+5MHz (15RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20416	20455	QPSK	15	0	25	0	40	22.54
		QPSK	1	0	1	24	2	23.45
		QPSK	1	14	1	0	2	23.5
		16QAM	15	0	25	0	150	21.48
		16QAM	1	0	1	24	2	22.69
		16QAM	1	14	1	0	2	22.48
		64QAM	15	0	25	0	150	20.49
		64QAM	1	0	1	24	2	21.33
		64QAM	1	14	1	0	2	21.42
20501	20540	QPSK	15	0	25	0	40	22.53
		QPSK	1	0	1	24	2	23.39
		QPSK	1	14	1	0	2	23.45
		16QAM	15	0	25	0	150	21.41
		16QAM	1	0	1	24	2	22.68
		16QAM	1	14	1	0	2	22.46
		64QAM	15	0	25	0	150	20.4
		64QAM	1	0	1	24	2	21.23
		64QAM	1	14	1	0	2	21.35
20586	20625	QPSK	15	0	25	0	40	22.45
		QPSK	1	0	1	24	2	23.38
		QPSK	1	14	1	0	2	23.48
		16QAM	15	0	25	0	150	21.37
		16QAM	1	0	1	24	2	22.67
		16QAM	1	14	1	0	2	22.37
		64QAM	15	0	25	0	150	20.46
		64QAM	1	0	1	24	2	21.22
		64QAM	1	14	1	0	2	21.3



LTE Band 66B:

CA_66B Ant 0								
Combination 10MHz+10MHz (50RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132022	132121	QPSK	50	0	50	0	100	21.11
			1	0	1	49	2	14.39
			1	49	1	0	2	23.06
		16QAM	50	0	50	0	100	20.14
			1	0	1	49	2	14.52
			1	49	1	0	2	22.15
		64QAM	50	0	50	0	100	20.13
			1	0	1	49	2	14.59
			1	49	1	0	2	20.16
132373	132472	QPSK	50	0	50	0	100	21.47
			1	0	1	49	2	14.68
			1	49	1	0	2	23.34
		16QAM	50	0	50	0	100	20.41
			1	0	1	49	2	14.72
			1	49	1	0	2	22.15
		64QAM	50	0	50	0	100	20.40
			1	0	1	49	2	14.73
			1	49	1	0	2	20.39
132523	132622	QPSK	50	0	50	0	100	21.56
			1	0	1	49	2	14.79
			1	49	1	0	2	23.53
		16QAM	50	0	50	0	100	20.50
			1	0	1	49	2	14.82
			1	49	1	0	2	22.56
		64QAM	50	0	50	0	100	20.45
			1	0	1	49	2	14.84
			1	49	1	0	2	20.51



CA_66B Ant 0								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	75	0	25	0	100	23.12
			1	0	1	24	2	22.92
			1	74	1	0	2	23.12
		16QAM	75	0	25	0	100	23.09
			1	0	1	24	2	23.02
			1	74	1	0	2	23.31
		64QAM	75	0	25	0	100	23.09
			1	0	1	24	2	22.85
			1	74	1	0	2	23.06
132398	132491	QPSK	75	0	25	0	100	23.44
			1	0	1	24	2	23.36
			1	74	1	0	2	23.38
		16QAM	75	0	25	0	100	23.38
			1	0	1	24	2	23.31
			1	74	1	0	2	23.50
		64QAM	75	0	25	0	100	23.38
			1	0	1	24	2	23.02
			1	74	1	0	2	23.23
132549	132642	QPSK	75	0	25	0	100	23.49
			1	0	1	24	2	23.24
			1	74	1	0	2	23.53
		16QAM	75	0	25	0	100	23.44
			1	0	1	24	2	23.42
			1	74	1	0	2	23.68
		64QAM	75	0	25	0	100	23.44
			1	0	1	24	2	23.14
			1	74	1	0	2	23.46
Combination 5MHz+15MHz (25RB+75RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132002	132095	QPSK	25	0	75	0	100	23.13
			1	0	1	74	2	22.94
			1	24	1	0	2	23.06
		16QAM	25	0	75	0	100	23.12
			1	0	1	74	2	23.10
			1	24	1	0	2	23.13
		64QAM	25	0	75	0	100	23.13
			1	0	1	74	2	22.94
			1	24	1	0	2	23.06
132353	132446	QPSK	25	0	75	0	100	23.39
			1	0	1	74	2	23.17
			1	24	1	0	2	23.33
		16QAM	25	0	75	0	100	23.36
			1	0	1	74	2	23.28
			1	24	1	0	2	23.46
		64QAM	25	0	75	0	100	23.35
			1	0	1	74	2	23.07
			1	24	1	0	2	23.27
132504	132597	QPSK	25	0	75	0	100	23.51
			1	0	1	74	2	23.26



PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)			
			RB Size	RB offset	RB Size	RB offset					
Combination 10MHz+5MHz (50RB+25RB)											
132022	132094	16QAM	1	24	1	0	2	23.44			
			25	0	75	0	100	23.48			
			1	0	1	74	2	23.35			
		64QAM	1	24	1	0	2	23.55			
			25	0	75	0	100	23.46			
			1	0	1	74	2	23.14			
			1	24	1	0	2	23.29			
			Combination 5MHz+10MHz (25RB+50RB)								
			132397	132469	QPSK	50	0	25	0	75	23.13
1	0	1				24	2	23.03			
1	49	1				0	2	23.16			
16QAM	50	0			25	0	75	23.17			
	1	0			1	24	2	23.16			
	1	49			1	0	2	23.28			
	64QAM	50			0	25	0	75	23.15		
		1			0	1	24	2	23.00		
		1			49	1	0	2	23.11		
132572	132644	QPSK			50	0	25	0	75	23.49	
					1	0	1	24	2	23.32	
					1	49	1	0	2	23.46	
		16QAM			50	0	25	0	75	23.45	
					1	0	1	24	2	23.39	
					1	49	1	0	2	23.52	
					64QAM	50	0	25	0	75	23.46
						1	0	1	24	2	23.25
						1	49	1	0	2	23.33
132000	132072	QPSK	50	0	25	0	75	23.60			
			1	0	1	24	2	23.44			
			1	49	1	0	2	23.57			
		16QAM	50	0	25	0	75	23.57			
			1	0	1	24	2	23.56			
			1	49	1	0	2	23.67			
			64QAM	50	0	25	0	75	23.56		
				1	0	1	24	2	23.28		
				1	49	1	0	2	23.48		
Combination 5MHz+10MHz (25RB+50RB)											
132375	132447	QPSK	25	0	50	0	75	21.23			
			1	0	1	49	2	14.61			
			1	24	1	0	2	23.12			
		16QAM	25	0	50	0	75	20.20			
			1	0	1	49	2	14.69			
			1	24	1	0	2	22.21			
			64QAM	25	0	50	0	75	20.18		
				1	0	1	49	2	14.60		
				1	24	1	0	2	20.17		
		132375	132447	QPSK	25	0	50	0	75	21.46	
					1	0	1	49	2	14.86	
					1	24	1	0	2	23.36	
				16QAM	25	0	50	0	75	20.45	
					1	0	1	49	2	14.96	
					1	24	1	0	2	22.55	
					64QAM	25	0	50	0	75	20.43



132550	132622	QPSK	1	0	1	49	2	14.88
			1	24	1	0	2	20.42
			25	0	50	0	75	21.67
		16QAM	1	0	1	49	2	15.00
			1	24	1	0	2	23.52
			25	0	50	0	75	20.61
			1	0	1	49	2	15.10
			1	24	1	0	2	22.65
			25	0	50	0	75	20.63
64QAM	1	0	1	49	2	15.11		
	1	24	1	0	2	20.53		
	Combination 5MHz+5MHz (25RB+25RB)							
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
131997	132045	QPSK	25	0	25	0	50	23.16
			1	0	1	24	2	23.00
			1	24	1	0	2	23.17
		16QAM	25	0	25	0	50	23.05
			1	0	1	24	2	22.91
			1	24	1	0	2	23.18
		64QAM	25	0	25	0	50	23.03
			1	0	1	24	2	22.88
			1	24	1	0	2	23.16
132398	132446	QPSK	25	0	25	0	50	23.31
			1	0	1	24	2	23.15
			1	24	1	0	2	23.37
		16QAM	25	0	25	0	50	23.27
			1	0	1	24	2	23.17
			1	24	1	0	2	23.41
		64QAM	25	0	25	0	50	23.24
			1	0	1	24	2	23.09
			1	24	1	0	2	23.34
132599	132647	QPSK	25	0	25	0	50	23.57
			1	0	1	24	2	23.31
			1	24	1	0	2	23.56
		16QAM	25	0	25	0	50	23.46
			1	0	1	24	2	23.23
			1	24	1	0	2	23.54
		64QAM	25	0	25	0	50	23.42
			1	0	1	24	2	23.18
			1	24	1	0	2	23.49



LTE Band 66C:

CA_66C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	100	0	100	0	200	21.12
			1	0	1	99	2	14.59
			1	99	1	0	2	23.19
		16QAM	100	0	100	0	200	20.08
			1	0	1	99	2	14.67
			1	99	1	0	2	22.29
		64QAM	100	0	100	0	200	20.06
			1	0	1	99	2	14.60
			1	99	1	0	2	20.20
132323	132521	QPSK	100	0	100	0	200	21.55
			1	0	1	99	2	14.74
			1	99	1	0	2	23.40
		16QAM	100	0	100	0	200	20.51
			1	0	1	99	2	14.80
			1	99	1	0	2	22.50
		64QAM	100	0	100	0	200	20.48
			1	0	1	99	2	14.82
			1	99	1	0	2	20.40
132374	132572	QPSK	100	0	100	0	200	21.44
			1	0	1	99	2	14.81
			1	99	1	0	2	23.44
		16QAM	100	0	100	0	200	20.39
			1	0	1	99	2	14.90
			1	99	1	0	2	22.54
		64QAM	100	0	100	0	200	20.37
			1	0	1	99	2	14.82
			1	99	1	0	2	20.43

CA_66C Ant 0								
Combination 20MHz+15MHz (100RB+75RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132243	QPSK	100	0	75	0	175	21.24
			1	0	1	74	2	14.66
			1	99	1	0	2	23.48
		16QAM	100	0	75	0	175	20.30
			1	0	1	74	2	14.83
			1	99	1	0	2	22.43
		64QAM	100	0	75	0	175	20.33
			1	0	1	74	2	14.81
			1	99	1	0	2	20.52
132348	132519	QPSK	100	0	75	0	175	21.11
			1	0	1	74	2	14.56
			1	99	1	0	2	23.40
		16QAM	100	0	75	0	175	20.30
			1	0	1	74	2	14.80



		64QAM	1	99	1	0	2	22.32
			100	0	75	0	175	20.16
			1	0	1	74	2	14.76
			1	99	1	0	2	20.45
132423	132594	QPSK	100	0	75	0	175	21.11
			1	0	1	74	2	14.59
			1	99	1	0	2	23.47
		16QAM	100	0	75	0	175	20.29
			1	0	1	74	2	14.70
			1	99	1	0	2	22.36
		64QAM	100	0	75	0	175	20.24
			1	0	1	74	2	14.66
1	99		1	0	2	20.37		
Combination 15MHz+20MHz (75RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132050	132221	QPSK	75	0	100	0	175	21.15
			1	0	1	99	2	14.50
			1	74	1	0	2	23.44
		16QAM	75	0	100	0	175	20.28
			1	0	1	99	2	14.83
			1	74	1	0	2	22.35
		64QAM	75	0	100	0	175	20.26
			1	0	1	99	2	14.72
1	74		1	0	2	20.34		
132325	132496	QPSK	75	0	100	0	175	20.93
			1	0	1	99	2	14.41
			1	74	1	0	2	23.40
		16QAM	75	0	100	0	175	20.20
			1	0	1	99	2	14.71
			1	74	1	0	2	22.30
		64QAM	75	0	100	0	175	20.11
			1	0	1	99	2	14.71
1	74		1	0	2	20.39		
132401	132572	QPSK	75	0	100	0	175	20.96
			1	0	1	99	2	14.42
			1	74	1	0	2	23.32
		16QAM	75	0	100	0	175	20.15
			1	0	1	99	2	14.51
			1	74	1	0	2	22.32
		64QAM	75	0	100	0	175	20.18
			1	0	1	99	2	14.59
1	74		1	0	2	20.35		
Combination 20MHz+10MHz (100RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132216	QPSK	100	0	50	0	175	21.12
			1	0	1	49	2	14.48
			1	99	1	0	2	23.33
		16QAM	100	0	50	0	175	20.20
			1	0	1	49	2	14.76
			1	99	1	0	2	22.42
		64QAM	100	0	50	0	175	20.16
			1	0	1	49	2	14.62
1	99		1	0	2	20.37		
132373	132517	QPSK	100	0	50	0	175	20.97



		16QAM	1	0	1	49	2	14.50		
			1	99	1	0	2	23.31		
			100	0	50	0	175	20.15		
		64QAM	1	0	1	49	2	14.80		
			1	99	1	0	2	22.14		
			100	0	50	0	175	19.97		
132473	132617	QPSK	1	0	1	49	2	14.40		
			1	99	1	0	2	23.41		
			100	0	50	0	175	20.92		
		16QAM	1	0	1	49	2	14.53		
			1	99	1	0	2	22.23		
			100	0	50	0	175	20.20		
		64QAM	1	0	1	49	2	14.50		
			1	99	1	0	2	20.33		
			100	0	50	0	175	20.15		
		Combination 10MHz+20MHz (50RB+100RB)								
		PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
					RB Size	RB offset	RB Size	RB offset		
132027	132171	QPSK	50	0	100	0	150	21.13		
			1	0	1	99	2	14.61		
			1	49	1	0	2	23.42		
		16QAM	50	0	100	0	150	20.19		
			1	0	1	99	2	14.79		
			1	49	1	0	2	22.31		
		64QAM	50	0	100	0	150	20.16		
			1	0	1	99	2	14.75		
			1	49	1	0	2	20.38		
132328	132472	QPSK	50	0	100	0	150	21.00		
			1	0	1	99	2	14.51		
			1	49	1	0	2	23.26		
		16QAM	50	0	100	0	150	20.30		
			1	0	1	99	2	14.80		
			1	49	1	0	2	22.32		
		64QAM	50	0	100	0	150	20.14		
			1	0	1	99	2	14.68		
			1	49	1	0	2	20.30		
132428	132572	QPSK	50	0	100	0	150	20.93		
			1	0	1	99	2	14.40		
			1	49	1	0	2	23.45		
		16QAM	50	0	100	0	150	20.15		
			1	0	1	99	2	14.59		
			1	49	1	0	2	22.26		
		64QAM	50	0	100	0	150	20.06		
			1	0	1	99	2	14.49		
			1	49	1	0	2	20.18		
Combination 20MHz+5MHz (100RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)		
			RB Size	RB offset	RB Size	RB offset				
132072	132189	QPSK	100	0	25	0	125	21.05		
			1	0	1	24	2	14.52		
			1	99	1	0	2	23.32		
		16QAM	100	0	25	0	125	20.17		
			1	0	1	24	2	14.81		
			1	99	1	0	2	22.28		



		64QAM	100	0	25	0	125	20.20
			1	0	1	24	2	14.78
			1	99	1	0	2	20.50
132397	132514	QPSK	100	0	25	0	125	21.11
			1	0	1	24	2	14.42
			1	99	1	0	2	23.25
		16QAM	100	0	25	0	125	20.15
			1	0	1	24	2	14.73
			1	99	1	0	2	22.30
		64QAM	100	0	25	0	125	20.05
			1	0	1	24	2	14.69
			1	99	1	0	2	20.28
132522	132639	QPSK	100	0	25	0	125	21.05
			1	0	1	24	2	14.57
			1	99	1	0	2	23.40
		16QAM	100	0	25	0	125	20.19
			1	0	1	24	2	14.62
			1	99	1	0	2	22.19
		64QAM	100	0	25	0	125	20.23
			1	0	1	24	2	14.61
			1	99	1	0	2	20.23
Combination 5MHz+20MHz (25RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132005	132122	QPSK	25	0	100	0	125	21.13
			1	0	1	99	2	14.49
			1	24	1	0	2	23.33
		16QAM	25	0	100	0	125	20.18
			1	0	1	99	2	14.81
			1	24	1	0	2	22.42
		64QAM	25	0	100	0	125	20.15
			1	0	1	99	2	14.72
			1	24	1	0	2	20.42
132330	132447	QPSK	25	0	100	0	125	20.98
			1	0	1	99	2	14.42
			1	24	1	0	2	23.23
		16QAM	25	0	100	0	125	20.30
			1	0	1	99	2	14.63
			1	24	1	0	2	22.26
		64QAM	25	0	100	0	125	20.09
			1	0	1	99	2	14.64
			1	24	1	0	2	20.41
132455	132572	QPSK	25	0	100	0	125	21.07
			1	0	1	99	2	14.53
			1	24	1	0	2	23.44
		16QAM	25	0	100	0	125	20.20
			1	0	1	99	2	14.51
			1	24	1	0	2	22.24
		64QAM	25	0	100	0	125	20.08
			1	0	1	99	2	14.65
			1	24	1	0	2	20.28
Combination 15MHz+10MHz (75RB+50RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132167	QPSK	75	0	50	0	125	23.28
			1	0	1	49	2	23.13



		16QAM	1	74	1	0	2	23.40		
			75	0	50	0	125	23.25		
			1	0	1	49	2	23.16		
		64QAM	1	74	1	0	2	23.32		
			75	0	50	0	125	23.21		
			1	0	1	49	2	23.11		
132373	132493	QPSK	1	74	1	0	2	23.38		
			75	0	50	0	125	23.19		
			1	0	1	49	2	23.26		
		16QAM	75	0	50	0	125	23.35		
			1	0	1	49	2	23.24		
			1	74	1	0	2	23.33		
		64QAM	75	0	50	0	125	23.24		
			1	0	1	49	2	23.27		
			1	74	1	0	2	23.26		
		132499	132619	QPSK	75	0	50	0	125	23.33
					1	0	1	49	2	23.23
					1	74	1	0	2	23.39
16QAM	75			0	50	0	125	23.32		
	1			0	1	49	2	23.22		
	1			74	1	0	2	23.41		
64QAM	75			0	50	0	125	23.22		
	1			0	1	49	2	23.10		
	1			74	1	0	2	23.32		
Combination 10MHz+15MHz (50RB+75RB)										
PCC Channel	SCC Channel			Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
					RB Size	RB offset	RB Size	RB offset		
132025	132145	QPSK	50	0	75	0	125	23.35		
			1	0	1	74	2	23.27		
			1	49	1	0	2	23.44		
		16QAM	50	0	75	0	125	23.26		
			1	0	1	74	2	23.24		
			1	49	1	0	2	23.26		
		64QAM	50	0	75	0	125	23.15		
			1	0	1	74	2	23.29		
			1	49	1	0	2	23.13		
		132351	132471	QPSK	50	0	75	0	125	23.44
					1	0	1	74	2	23.19
					1	49	1	0	2	23.15
16QAM	50			0	75	0	125	23.20		
	1			0	1	74	2	23.16		
	1			49	1	0	2	23.44		
64QAM	50			0	75	0	125	23.23		
	1			0	1	74	2	23.25		
	1			49	1	0	2	23.42		
132477	132597			QPSK	50	0	75	0	125	23.24
					1	0	1	74	2	23.12
					1	49	1	0	2	23.37
		16QAM	50	0	75	0	125	23.35		
			1	0	1	74	2	23.10		
			1	49	1	0	2	23.32		
		64QAM	50	0	75	0	125	23.35		
			1	0	1	74	2	23.13		
			1	49	1	0	2	23.27		
		Combination 15MHz+15MHz (75RB+75RB)								



PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132197	QPSK	75	0	75	0	150	21.16
			1	0	1	74	2	14.53
			1	74	1	0	2	23.46
		16QAM	75	0	75	0	150	20.26
			1	0	1	74	2	14.81
			1	74	1	0	2	22.35
		64QAM	75	0	75	0	150	20.24
			1	0	1	74	2	14.78
			1	74	1	0	2	20.50
132347	132497	QPSK	75	0	75	0	150	21.01
			1	0	1	74	2	14.37
			1	74	1	0	2	23.30
		16QAM	75	0	75	0	150	20.25
			1	0	1	74	2	14.77
			1	74	1	0	2	22.24
		64QAM	75	0	75	0	150	20.10
			1	0	1	74	2	14.75
			1	74	1	0	2	20.36
132447	132597	QPSK	75	0	75	0	150	20.94
			1	0	1	74	2	14.41
			1	74	1	0	2	23.37
		16QAM	75	0	75	0	150	20.14
			1	0	1	74	2	14.68
			1	74	1	0	2	22.30
		64QAM	75	0	75	0	150	20.21
			1	0	1	74	2	14.51
			1	74	1	0	2	20.21



ERP/EIRP

LTE Band 5B CA (GT - LC = -3.69 dB) QPSK									
Bandwidth	3M + 5M			5M + 3M			5M+10M		
Channel PCC	20416	20501	20586	20425	20510	20595	20428	20478	20528
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	20455	20540	20625	20464	20549	20634	20500	20550	20600
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	23.50	23.45	23.48	23.54	23.54	23.54	23.58	23.54	23.53
Conducted Power (Watts)	0.2239	0.2213	0.2228	0.2259	0.2259	0.2259	0.2280	0.2259	0.2254
ERP(dBm)	17.66	17.61	17.64	17.70	17.70	17.70	17.74	17.70	17.69
ERP(Watts)	0.0583	0.0577	0.0581	0.0589	0.0589	0.0589	0.0594	0.0589	0.0587

LTE Band 5B CA (GT - LC = -3.69 dB) QPSK						
Bandwidth	10M+5M			10M+10M		
Channel PCC	20450	20500	20550	20450	20476	20501
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	20522	20572	20622	20549	20575	20600
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	23.63	23.51	23.58	23.63	23.61	23.55
Conducted Power (Watts)	0.2307	0.2244	0.2280	0.2307	0.2296	0.2265
ERP(dBm)	17.79	17.67	17.74	17.79	17.77	17.71
ERP(Watts)	0.0601	0.0585	0.0594	0.0601	0.0598	0.0590



LTE Band 5B CA (GT - LC = -3.69 dB) 16QAM									
Bandwidth	3M + 5M			5M + 3M			5M+10M		
Channel PCC	20416	20501	20586	20425	20510	20595	20428	20478	20528
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	20455	20540	20625	20464	20549	20634	20500	20550	20600
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.69	22.68	22.67	22.78	22.84	22.77	22.76	22.85	22.78
Conducted Power (Watts)	0.1858	0.1854	0.1849	0.1897	0.1923	0.1892	0.1888	0.1928	0.1897
ERP(dBm)	16.85	16.84	16.83	16.94	17.00	16.93	16.92	17.01	16.94
ERP(Watts)	0.0484	0.0483	0.0482	0.0494	0.0501	0.0493	0.0492	0.0502	0.0494

LTE Band 5B CA (GT - LC = -3.69 dB) 16QAM						
Bandwidth	10M+5M			10M+10M		
Channel PCC	20450	20500	20550	20450	20476	20501
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	20522	20572	20622	20549	20575	20600
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.88	22.87	22.78	22.60	22.64	22.58
Conducted Power (Watts)	0.1941	0.1936	0.1897	0.1820	0.1837	0.1811
ERP(dBm)	17.04	17.03	16.94	16.76	16.80	16.74
ERP(Watts)	0.0506	0.0505	0.0494	0.0474	0.0479	0.0472



LTE Band 5B CA (GT - LC = -3.69dB) 64QAM									
Bandwidth	3M + 5M			5M + 3M			5M+10M		
Channel PCC	20416	20501	20586	20425	20510	20595	20428	20478	20528
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	20455	20540	20625	20464	20549	20634	20500	20550	20600
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	21.42	21.35	21.30	21.55	21.50	21.56	21.52	21.46	21.50
Conducted Power (Watts)	0.1387	0.1365	0.1349	0.1429	0.1413	0.1432	0.1419	0.1400	0.1413
ERP(dBm)	15.58	15.51	15.46	15.71	15.66	15.72	15.68	15.62	15.66
ERP(Watts)	0.0361	0.0356	0.0352	0.0372	0.0368	0.0373	0.0370	0.0365	0.0368

LTE Band 5B CA (GT - LC = -3.69 dB) 64QAM						
Bandwidth	10M+5M			10M+10M		
Channel PCC	20450	20500	20550	20450	20476	20501
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	20522	20572	20622	20549	20575	20600
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	21.58	21.51	21.55	21.52	21.58	21.55
Conducted Power (Watts)	0.1439	0.1416	0.1429	0.1419	0.1439	0.1429
ERP(dBm)	15.74	15.67	15.71	15.68	15.74	15.71
ERP(Watts)	0.0375	0.0369	0.0372	0.0370	0.0375	0.0372



LTE Band 66B CA (GT - LC = 0.32 dB) QPSK									
Bandwidth	5M + 5M			5M + 10M			5M + 15M		
Channel PCC	131997	132398	132599	132000	132375	132550	132022	132353	132504
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132045	132446	132647	132072	132447	132622	132095	132446	132597
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	23.17	23.37	23.57	23.12	23.36	23.52	23.13	23.39	23.51
Conducted Power (Watts)	0.2075	0.2173	0.2275	0.2051	0.2168	0.2249	0.2056	0.2183	0.2244
EIRP(dBm)	23.49	23.69	23.89	23.44	23.68	23.84	23.45	23.71	23.83
EIRP(Watts)	0.2234	0.2339	0.2449	0.2208	0.2333	0.2421	0.2213	0.2350	0.2415

LTE Band 66B CA (GT - LC = 0.32 dB) QPSK									
Bandwidth	10M + 5M			10M + 10M			15M + 5M		
Channel PCC	132022	132397	132572	132022	132373	132523	132047	132398	132549
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132094	132469	132644	132121	132472	132622	132140	132491	132642
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	23.16	23.49	23.60	23.06	23.34	23.53	23.12	23.44	23.53
Conducted Power (Watts)	0.2070	0.2234	0.2291	0.2023	0.2158	0.2254	0.2051	0.2208	0.2254
EIRP(dBm)	23.48	23.81	23.92	23.38	23.66	23.85	23.44	23.76	23.85
EIRP(Watts)	0.2228	0.2404	0.2466	0.2178	0.2323	0.2427	0.2208	0.2377	0.2427



LTE Band 66B CA (GT - LC = 0.32 dB) 16QAM									
Bandwidth	5M + 5M			5M + 10M			5M + 15M		
Channel PCC	131997	132398	132599	132000	132375	132550	132022	132353	132504
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132045	132446	132647	132072	132447	132622	132095	132446	132597
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	23.18	23.41	23.54	22.21	22.55	22.65	23.13	23.46	23.55
Conducted Power (Watts)	0.2080	0.2193	0.2259	0.1663	0.1799	0.1841	0.2056	0.2218	0.2265
EIRP(dBm)	23.50	23.73	23.86	22.53	22.87	22.97	23.45	23.78	23.87
EIRP(Watts)	0.2239	0.2360	0.2432	0.1791	0.1936	0.1982	0.2213	0.2388	0.2438

LTE Band 66B CA (GT - LC = 0.32 dB) 16QAM									
Bandwidth	10M + 5M			10M + 10M			15M + 5M		
Channel PCC	132022	132397	132572	132022	132373	132523	132047	132398	132549
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132094	132469	132644	132121	132472	132622	132140	132491	132642
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	23.28	23.52	23.67	22.15	22.15	22.56	23.31	23.50	23.68
Conducted Power (Watts)	0.2128	0.2249	0.2328	0.1641	0.1641	0.1803	0.2143	0.2239	0.2332
EIRP(dBm)	23.60	23.84	23.99	22.47	22.47	22.88	23.63	23.82	24.00
EIRP(Watts)	0.2291	0.2421	0.2506	0.1766	0.1766	0.1941	0.2307	0.2410	0.2511



LTE Band 66B CA (GT - LC = 0.32 dB) 64QAM									
Bandwidth	5M + 5M			5M + 10M			5M + 15M		
Channel PCC	131997	132398	132599	132000	132375	132550	132022	132353	132504
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132045	132446	132647	132072	132447	132622	132095	132446	132597
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	23.16	23.34	23.49	20.18	20.43	20.63	23.13	23.35	23.46
Conducted Power (Watts)	0.2070	0.2158	0.2234	0.1042	0.1104	0.1156	0.2056	0.2163	0.2218
EIRP(dBm)	23.48	23.66	23.81	20.50	20.75	20.95	23.45	23.67	23.78
EIRP(Watts)	0.2228	0.2323	0.2404	0.1122	0.1189	0.1245	0.2213	0.2328	0.2388

LTE Band 66B CA (GT - LC = 0.32 dB) 64QAM									
Bandwidth	10M + 5M			10M + 10M			15M + 5M		
Channel PCC	132022	132397	132572	132022	132373	132523	132047	132398	132549
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132094	132469	132644	132121	132472	132622	132140	132491	132642
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	23.15	23.46	23.56	20.16	20.40	20.51	23.09	23.38	23.46
Conducted Power (Watts)	0.2065	0.2218	0.2270	0.1038	0.1096	0.1125	0.2037	0.2178	0.2218
EIRP(dBm)	23.47	23.78	23.88	20.48	20.72	20.83	23.41	23.70	23.78
EIRP(Watts)	0.2223	0.2388	0.2443	0.1117	0.1180	0.1211	0.2193	0.2344	0.2388



LTE Band 66C CA (GT - LC = 0.32 dB) QPSK									
Bandwidth	5M + 20M			10M + 15M			10M + 20M		
Channel PCC	132005	132330	132455	132025	132351	132477	132027	132328	132428
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132122	132447	132572	132145	132471	132597	132171	132472	132572
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	23.33	23.23	23.44	23.44	23.44	23.37	23.42	23.26	23.45
Conducted Power (Watts)	0.2153	0.2104	0.2208	0.2208	0.2208	0.2173	0.2198	0.2118	0.2213
EIRP(dBm)	23.65	23.55	23.76	23.76	23.76	23.69	23.74	23.58	23.77
EIRP(Watts)	0.2317	0.2265	0.2377	0.2377	0.2377	0.2339	0.2366	0.2280	0.2382

LTE Band 66C CA (GT - LC =0.32 dB) QPSK									
Bandwidth	15M + 10M			15M + 15M			15M + 20M		
Channel PCC	132047	132373	132499	132047	132347	132447	132050	132325	132401
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132167	132493	132619	132197	132497	132597	132221	132496	132572
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	23.40	23.37	23.39	23.46	23.30	23.37	23.44	23.40	23.32
Conducted Power (Watts)	0.2188	0.2173	0.2183	0.2218	0.2138	0.2173	0.2208	0.2188	0.2148
EIRP(dBm)	23.72	23.69	23.71	23.78	23.62	23.69	23.76	23.72	23.64
EIRP(Watts)	0.2355	0.2339	0.2350	0.2388	0.2301	0.2339	0.2377	0.2355	0.2312



LTE Band 66C CA (GT - LC = 0.32 dB) QPSK						
Bandwidth	20M+5M			20M+10M		
Channel PCC	132072	132397	132522	132072	132373	132473
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132189	132514	132639	132216	132517	132617
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	23.32	23.25	23.40	23.33	23.31	23.41
Conducted Power (Watts)	0.2148	0.2113	0.2188	0.2153	0.2143	0.2193
EIRP(dBm)	23.64	23.57	23.72	23.65	23.63	23.73
EIRP(Watts)	0.2312	0.2275	0.2355	0.2317	0.2307	0.2360

LTE Band 66C CA (GT - LC = 0.32 dB) QPSK						
Bandwidth	20M+15M			20M+20M		
Channel PCC	132072	132348	132423	132072	132323	132374
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132243	132519	132594	132270	132521	132572
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	23.48	23.40	23.47	23.19	23.40	23.44
Conducted Power (Watts)	0.2228	0.2188	0.2223	0.2084	0.2188	0.2208
EIRP(dBm)	23.80	23.72	23.79	23.51	23.72	23.76
EIRP(Watts)	0.2399	0.2355	0.2393	0.2244	0.2355	0.2377



LTE Band 66C CA (GT - LC = 0.32 dB) 16QAM									
Bandwidth	5M + 20M			10M + 15M			10M + 20M		
Channel PCC	132005	132330	132455	132025	132351	132477	132027	132328	132428
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132122	132447	132572	132145	132471	132597	132171	132472	132572
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.42	22.26	22.24	23.26	23.44	23.35	22.31	22.32	22.26
Conducted Power (Watts)	0.1746	0.1683	0.1675	0.2118	0.2208	0.2163	0.1702	0.1706	0.1683
EIRP(dBm)	22.74	22.58	22.56	23.58	23.76	23.67	22.63	22.64	22.58
EIRP(Watts)	0.1879	0.1811	0.1803	0.2280	0.2377	0.2328	0.1832	0.1837	0.1811

LTE Band 66C CA (GT - LC = 0.32 dB) 16QAM									
Bandwidth	15M + 10M			15M + 15M			15M + 20M		
Channel PCC	132047	132373	132499	132047	132347	132447	132050	132325	132401
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132167	132493	132619	132197	132497	132597	132221	132496	132572
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	23.32	23.35	23.41	22.35	22.24	22.30	22.35	22.30	22.32
Conducted Power (Watts)	0.2148	0.2163	0.2193	0.1718	0.1675	0.1698	0.1718	0.1698	0.1706
EIRP(dBm)	23.64	23.67	23.73	22.67	22.56	22.62	22.67	22.62	22.64
EIRP(Watts)	0.2312	0.2328	0.2360	0.1849	0.1803	0.1828	0.1849	0.1828	0.1837



LTE Band 66C CA (GT - LC = 0.32 dB) 16QAM						
Bandwidth	20M+5M			20M+10M		
Channel PCC	132072	132397	132522	132072	132373	132473
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132189	132514	132639	132216	132517	132617
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.28	22.30	22.19	22.42	22.14	22.23
Conducted Power (Watts)	0.1690	0.1698	0.1656	0.1746	0.1637	0.1671
EIRP(dBm)	22.60	22.62	22.51	22.74	22.46	22.55
EIRP(Watts)	0.1820	0.1828	0.1782	0.1879	0.1762	0.1799

LTE Band 66C CA (GT - LC = 0.32 dB) 16QAM						
Bandwidth	20M+15M			20M+20M		
Channel PCC	132072	132348	132423	132072	132323	132374
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132243	132519	132594	132270	132521	132572
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.43	22.32	22.36	22.29	22.50	22.54
Conducted Power (Watts)	0.1750	0.1706	0.1722	0.1694	0.1778	0.1795
EIRP(dBm)	22.75	22.64	22.68	22.61	22.82	22.86
EIRP(Watts)	0.1884	0.1837	0.1854	0.1824	0.1914	0.1932



LTE Band 66C CA (GT - LC = 0.32dB) 64QAM									
Bandwidth	5M + 20M			10M + 15M			10M + 20M		
Channel PCC	132005	132330	132455	132025	132351	132477	132027	132328	132428
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132122	132447	132572	132145	132471	132597	132171	132472	132572
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	20.42	20.41	20.28	23.29	23.42	23.35	20.38	20.30	20.18
Conducted Power (Watts)	0.1102	0.1099	0.1067	0.2133	0.2198	0.2163	0.1091	0.1072	0.1042
EIRP(dBm)	20.74	20.73	20.60	23.61	23.74	23.67	20.70	20.62	20.50
EIRP(Watts)	0.1186	0.1183	0.1148	0.23	0.24	0.23	0.1175	0.1153	0.1122

LTE Band 66C CA (GT - LC = 0.32 dB) 64QAM									
Bandwidth	15M + 10M			15M + 15M			15M + 20M		
Channel PCC	132047	132373	132499	132047	132347	132447	132050	132325	132401
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132167	132493	132619	132197	132497	132597	132221	132496	132572
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	23.38	23.27	23.32	20.50	20.36	20.21	20.34	20.39	20.35
Conducted Power (Watts)	0.2178	0.2123	0.2148	0.1122	0.1086	0.1050	0.1081	0.1094	0.1084
EIRP(dBm)	23.70	23.59	23.64	20.82	20.68	20.53	20.66	20.71	20.67
EIRP(Watts)	0.2344	0.2286	0.2312	0.1208	0.1169	0.1130	0.1164	0.1178	0.1167



LTE Band 66C CA (GT - LC = 0.32 dB) 64QAM						
Bandwidth	20M+5M			20M+10M		
Channel PCC	132072	132397	132522	132072	132373	132473
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132189	132514	132639	132216	132517	132617
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	20.50	20.28	20.23	20.37	20.32	20.33
Conducted Power (Watts)	0.1122	0.1067	0.1054	0.1089	0.1076	0.1079
EIRP(dBm)	20.82	20.60	20.55	20.69	20.64	20.65
EIRP(Watts)	0.1208	0.1148	0.1135	0.1172	0.1159	0.1161

LTE Band 66C CA (GT - LC = 0.32 dB) 64QAM						
Bandwidth	20M+15M			20M+20M		
Channel PCC	132072	132348	132423	132072	132323	132374
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132243	132519	132594	132270	132521	132572
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	20.52	20.45	20.37	20.20	20.48	20.43
Conducted Power (Watts)	0.1127	0.1109	0.1089	0.1047	0.1117	0.1104
EIRP(dBm)	20.84	20.77	20.69	20.52	20.80	20.75
EIRP(Watts)	0.1213	0.1194	0.1172	0.1127	0.1202	0.1189



LTE Band 5B

26dB Bandwidth

Mode	LTE Band 5B : 26dB BW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Lowest CH	8.15	8.18	14.57
Middle CH	8.14	8.14	14.60
Highest CH	8.18	8.17	14.69
BW	10MHz+5MHz	10MHz+10MHz	N/A
Lowest CH	14.63	19.82	-
Middle CH	14.63	19.90	-
Highest CH	14.72	19.74	-

Mode	LTE Band 5B : 26dB BW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Lowest CH	8.25	8.17	14.57
Middle CH	8.14	8.17	14.57
Highest CH	8.22	8.17	14.60
BW	10MHz+5MHz	10MHz+10MHz	N/A
Lowest CH	14.63	19.70	-
Middle CH	14.63	19.74	-
Highest CH	14.63	19.78	-

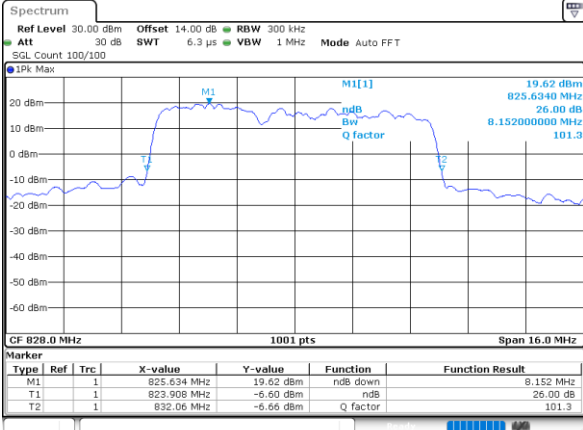
Mode	LTE Band 5B : 26dB BW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Lowest CH	8.50	8.18	14.69
Middle CH	8.15	8.23	14.60
Highest CH	8.17	8.20	14.69
BW	10MHz+5MHz	10MHz+10MHz	N/A
Lowest CH	14.78	19.82	-
Middle CH	14.60	19.78	-
Highest CH	14.78	19.90	-



LTE Band 5B

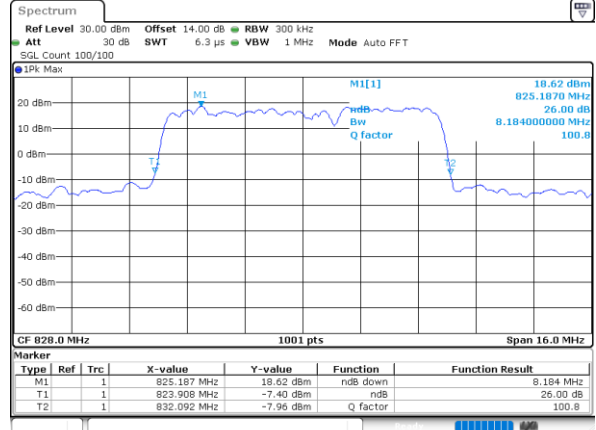
QPSK

Lowest Channel / 3MHz+5MHz



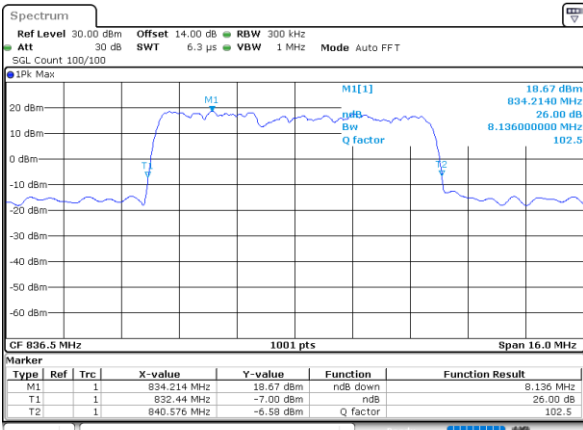
Date: 30.NOV.2022 18:17:21

Lowest Channel / 5MHz+3MHz



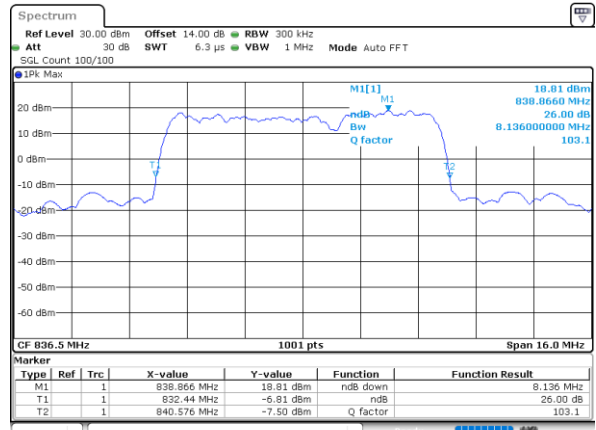
Date: 1.DEC.2022 13:14:26

Middle Channel / 3MHz+5MHz



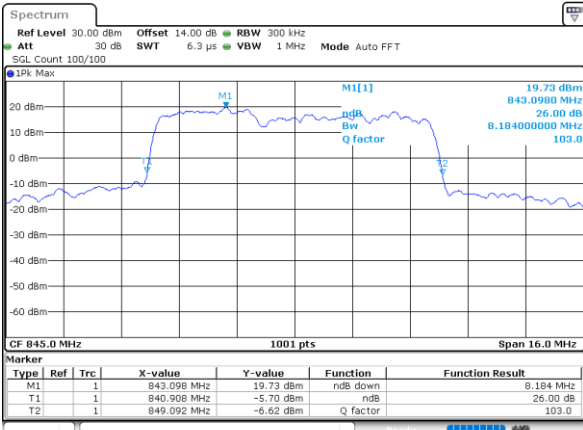
Date: 1.DEC.2022 12:24:19

Middle Channel / 5MHz+3MHz



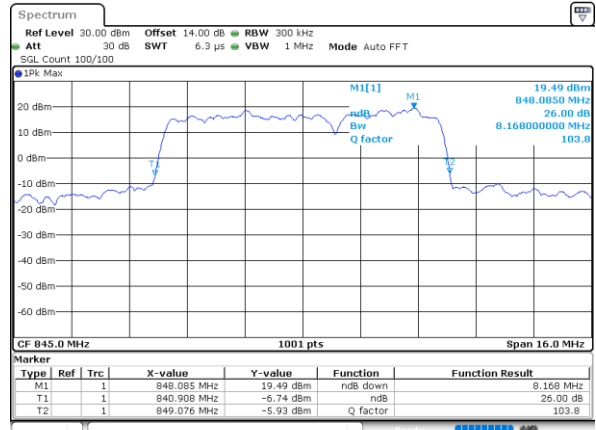
Date: 1.DEC.2022 14:18:14

Highest Channel / 3MHz+5MHz



Date: 1.DEC.2022 12:39:14

Highest Channel / 5MHz+3MHz



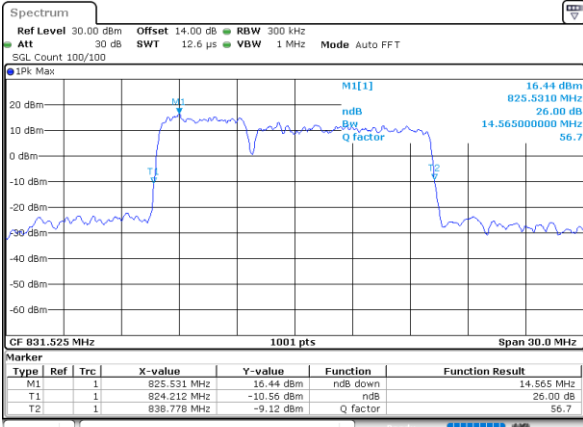
Date: 1.DEC.2022 14:30:31



LTE Band 5B

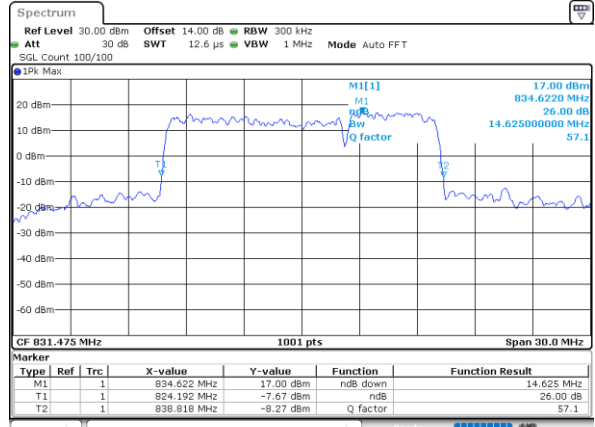
QPSK

Lowest Channel / 5MHz+10MHz



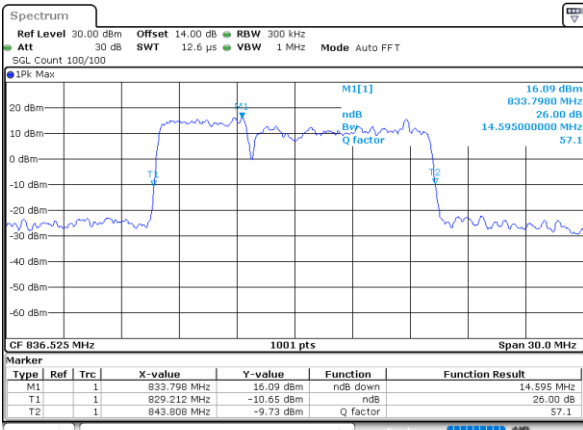
Date: 1.DEC.2022 15:14:39

Lowest Channel / 10MHz+5MHz



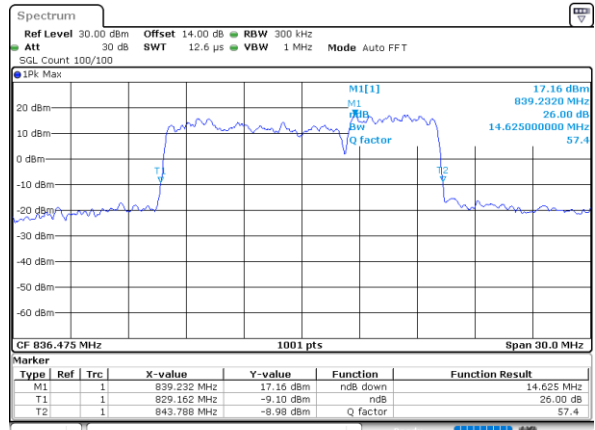
Date: 1.DEC.2022 17:42:20

Middle Channel / 5MHz+10MHz



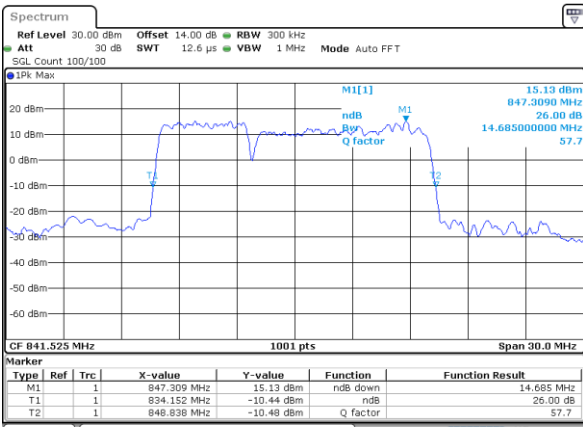
Date: 1.DEC.2022 15:46:01

Middle Channel / 10MHz+5MHz



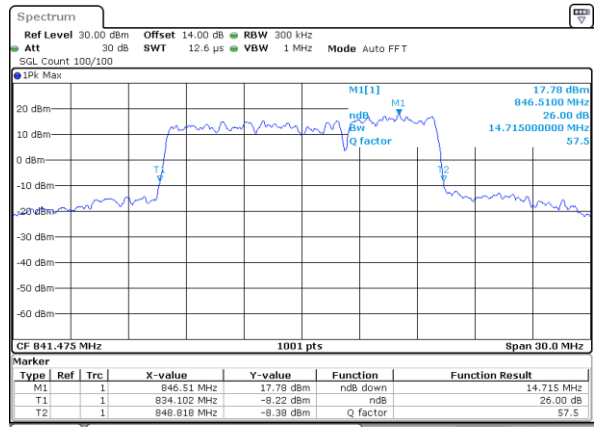
Date: 1.DEC.2022 18:12:59

Highest Channel / 5MHz+10MHz



Date: 1.DEC.2022 15:57:22

Highest Channel / 10MHz+5MHz



Date: 2.DEC.2022 09:13:44

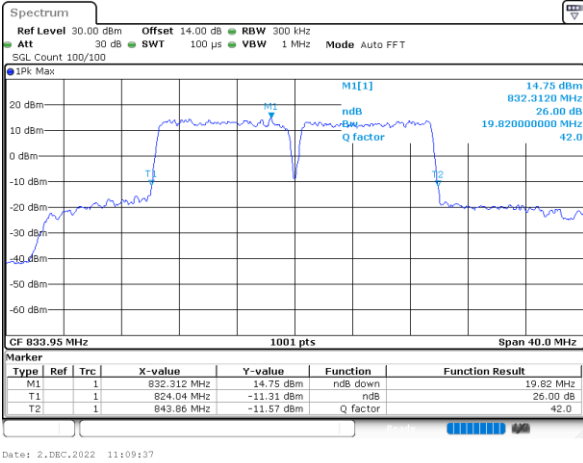


LTE Band 5B

QPSK

Lowest Channel / 10MHz+10MHz

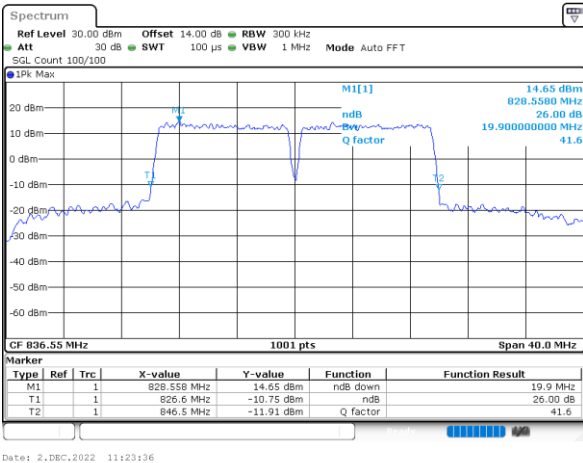
N/A



Date: 2.DEC.2022 11:09:37

Middle Channel / 10MHz+10MHz

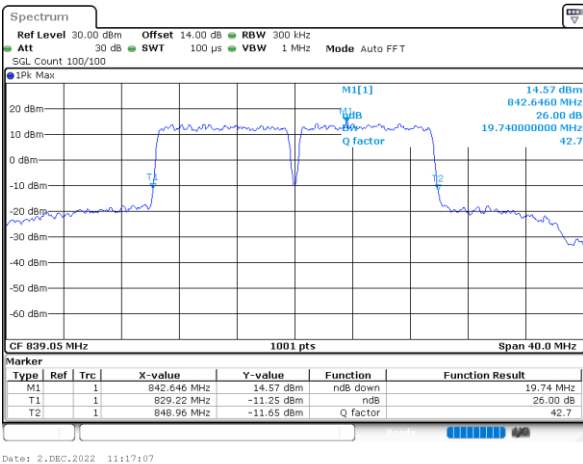
N/A



Date: 2.DEC.2022 11:23:36

Highest Channel / 10MHz+10MHz

N/A



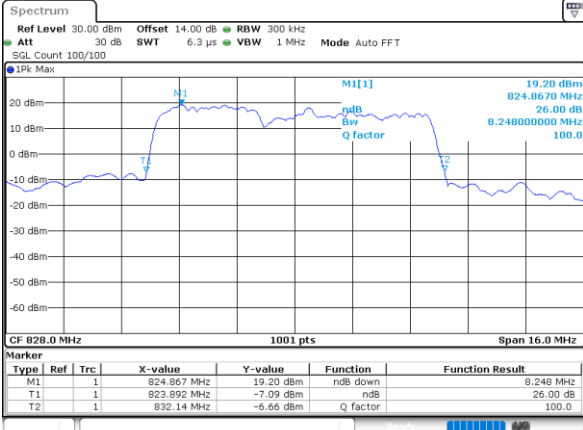
Date: 2.DEC.2022 11:17:07



LTE Band 5B

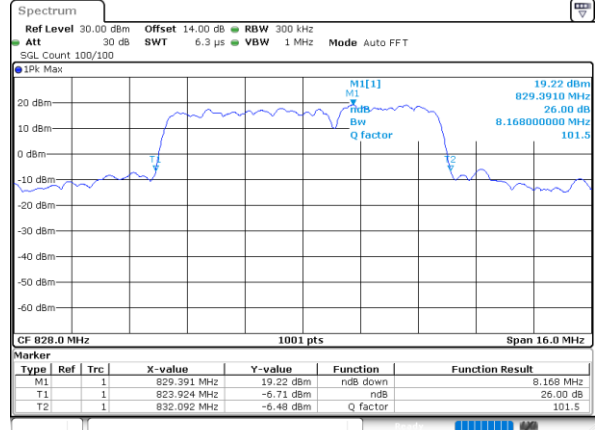
16QAM

Lowest Channel / 3MHz+5MHz



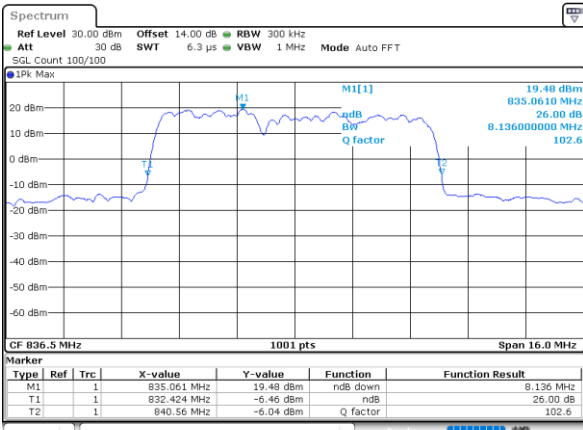
Date: 30.NOV.2022 18:16:49

Lowest Channel / 5MHz+3MHz



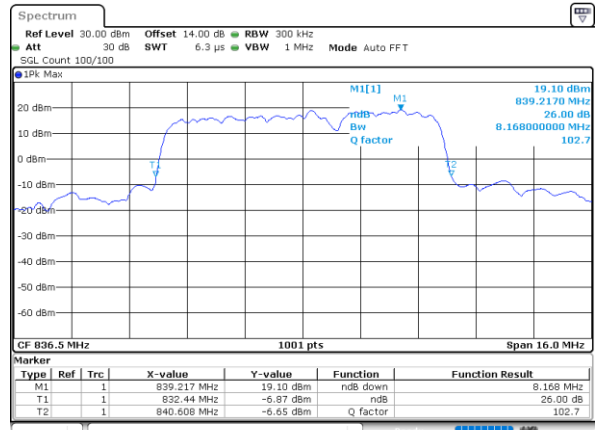
Date: 1.DEC.2022 13:45:53

Middle Channel / 3MHz+5MHz



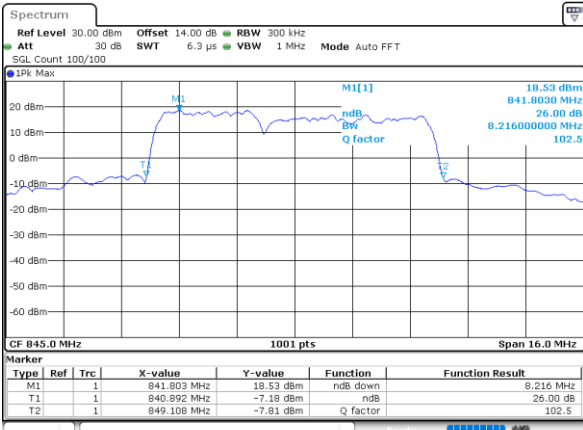
Date: 1.DEC.2022 12:23:44

Middle Channel / 5MHz+3MHz



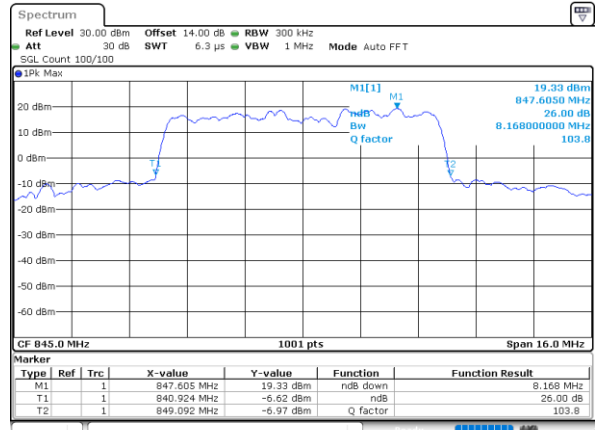
Date: 1.DEC.2022 14:17:41

Highest Channel / 3MHz+5MHz



Date: 1.DEC.2022 12:39:49

Highest Channel / 5MHz+3MHz



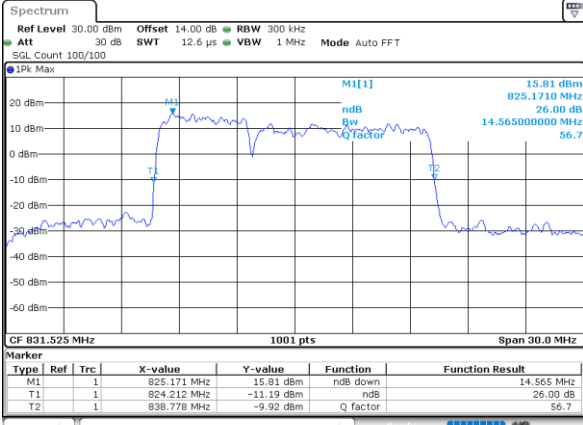
Date: 1.DEC.2022 14:31:04



LTE Band 5B

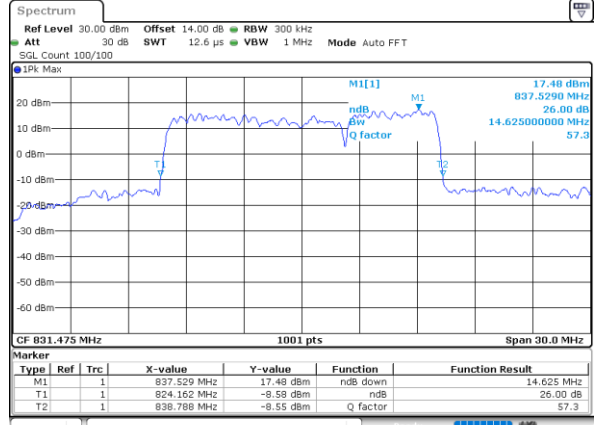
16QAM

Lowest Channel / 5MHz+10MHz



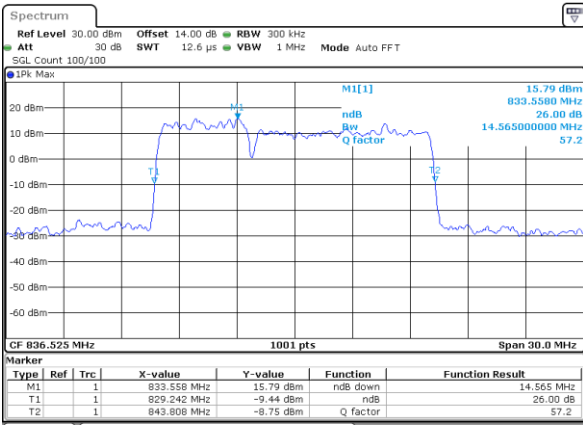
Date: 1.DEC.2022 15:14:06

Lowest Channel / 10MHz+5MHz



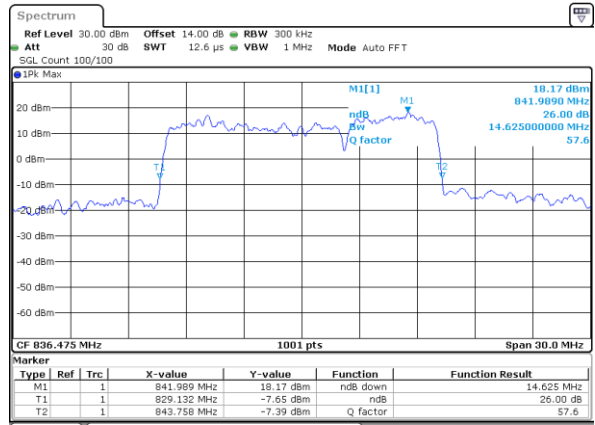
Date: 1.DEC.2022 17:41:48

Middle Channel / 5MHz+10MHz



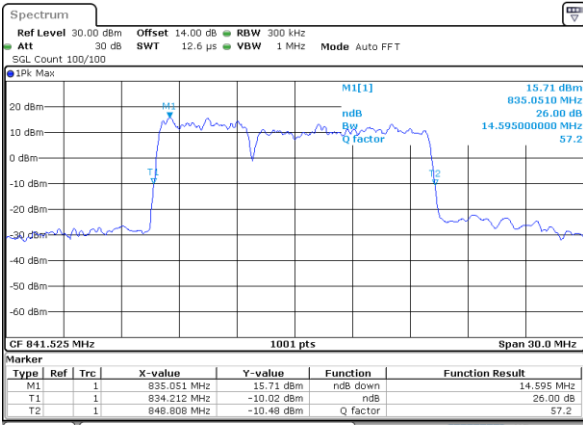
Date: 1.DEC.2022 15:45:29

Middle Channel / 10MHz+5MHz



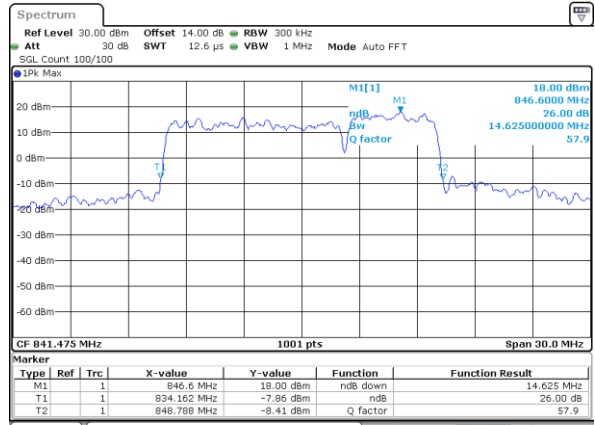
Date: 1.DEC.2022 18:12:27

Highest Channel / 5MHz+10MHz



Date: 1.DEC.2022 15:57:54

Highest Channel / 10MHz+5MHz



Date: 2.DEC.2022 09:17:08

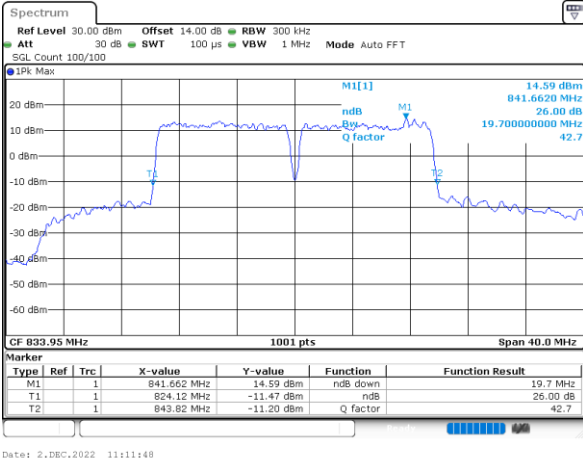


LTE Band 5B

16QAM

Lowest Channel / 10MHz+10MHz

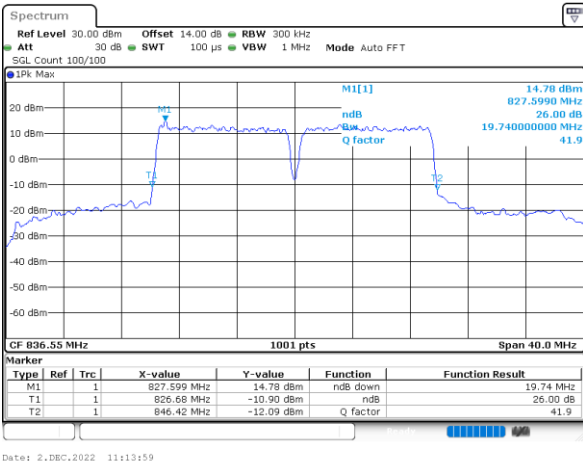
N/A



Date: 2.DEC.2022 11:11:48

Middle Channel / 10MHz+10MHz

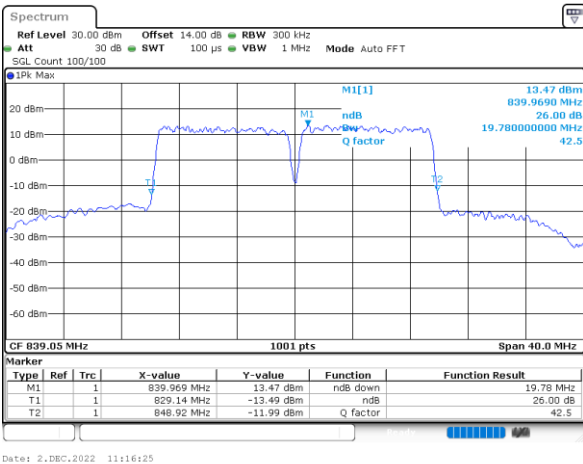
N/A



Date: 2.DEC.2022 11:13:59

Highest Channel / 10MHz+10MHz

N/A



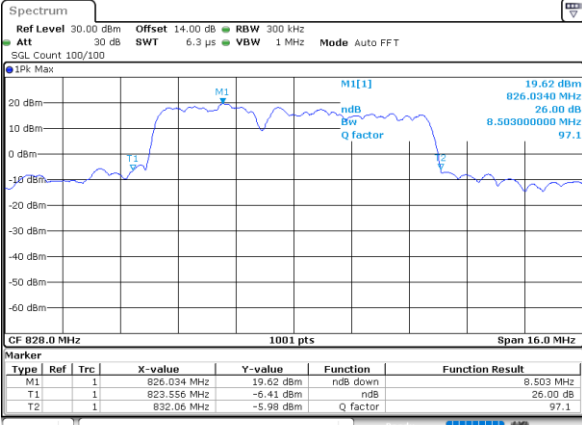
Date: 2.DEC.2022 11:16:25



LTE Band 5B

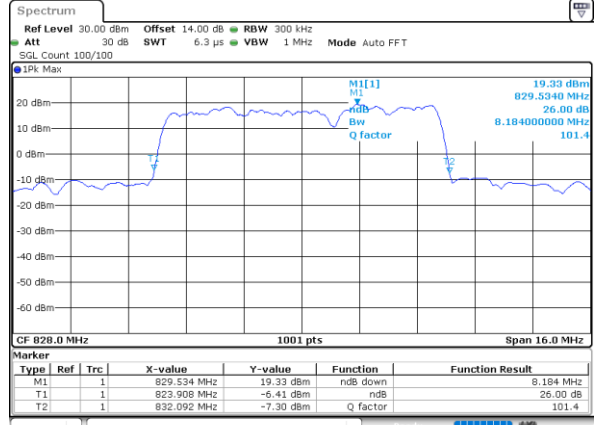
64QAM

Lowest Channel / 3MHz+5MHz



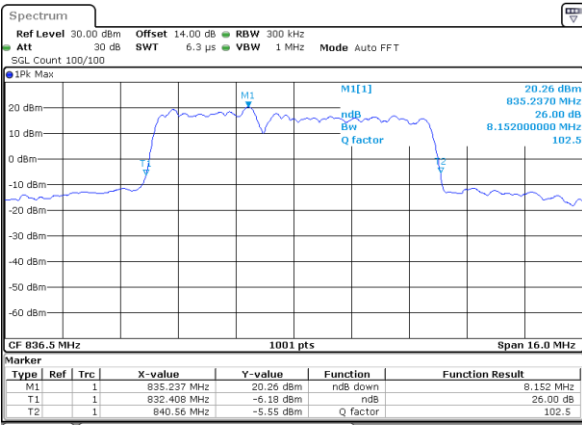
Date: 30.NOV.2022 18:16:15

Lowest Channel / 5MHz+3MHz



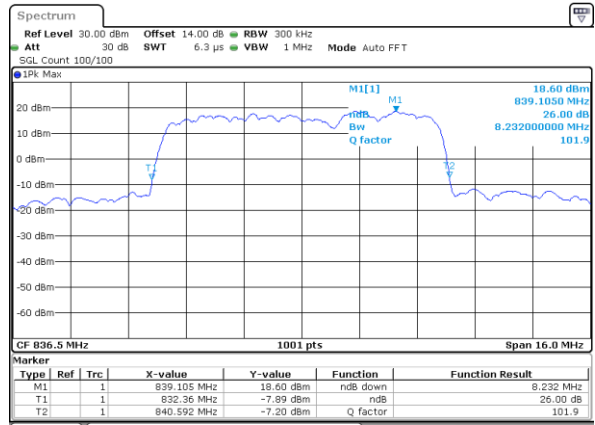
Date: 1.DEC.2022 13:45:20

Middle Channel / 3MHz+5MHz



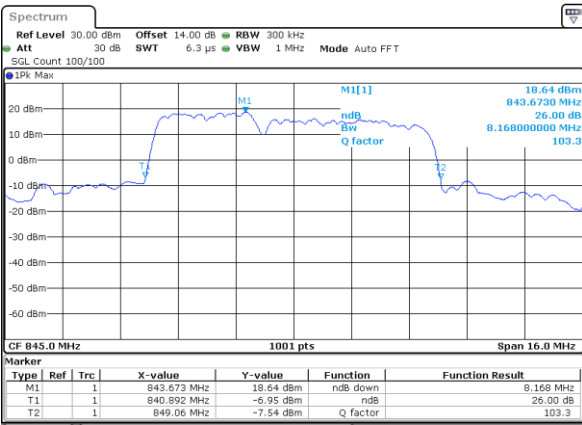
Date: 1.DEC.2022 12:23:09

Middle Channel / 5MHz+3MHz



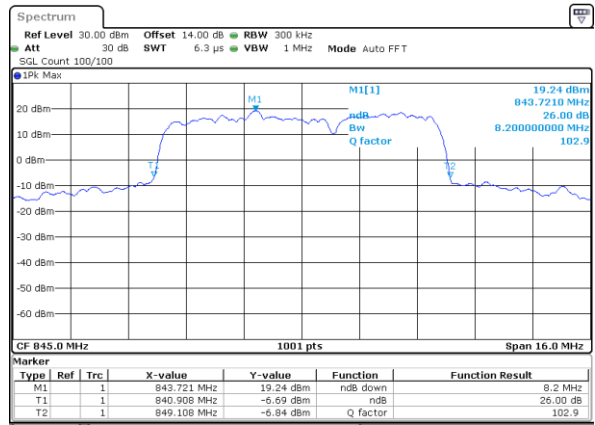
Date: 1.DEC.2022 14:17:08

Highest Channel / 3MHz+5MHz



Date: 6.DEC.2022 09:30:41

Highest Channel / 5MHz+3MHz



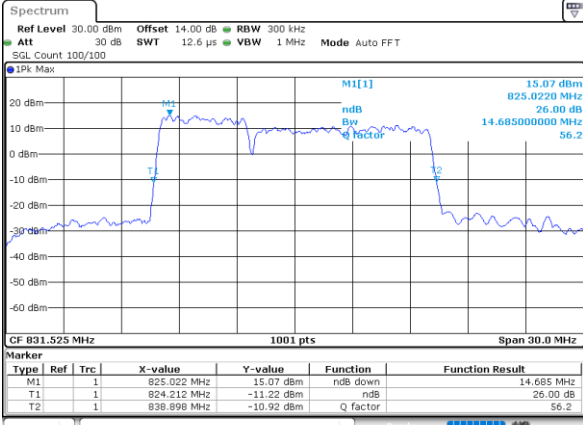
Date: 1.DEC.2022 14:31:37



LTE Band 5B

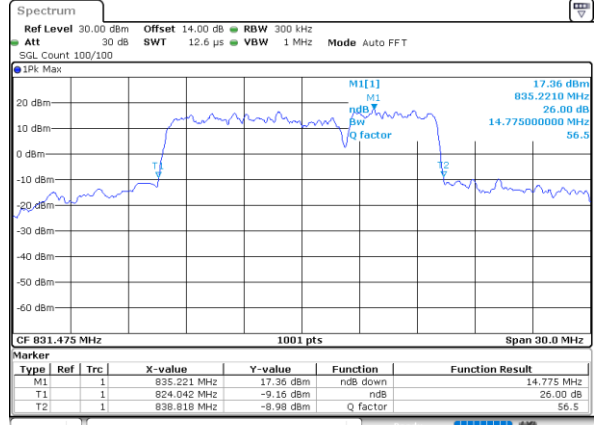
64QAM

Lowest Channel / 5MHz+10MHz



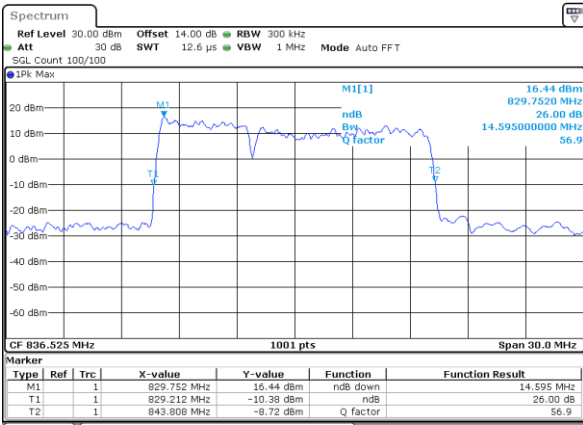
Date: 1.DEC.2022 15:13:33

Lowest Channel / 10MHz+5MHz



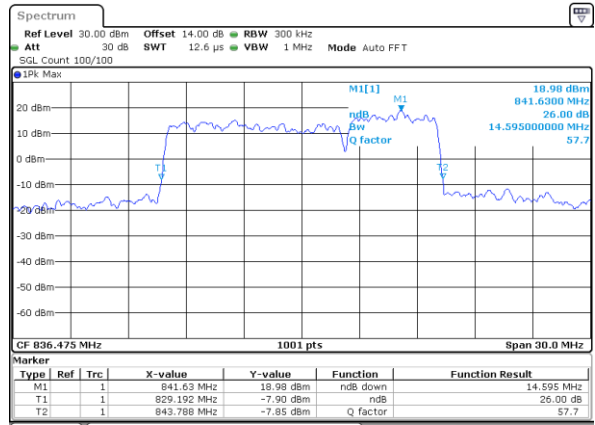
Date: 1.DEC.2022 17:41:16

Middle Channel / 5MHz+10MHz



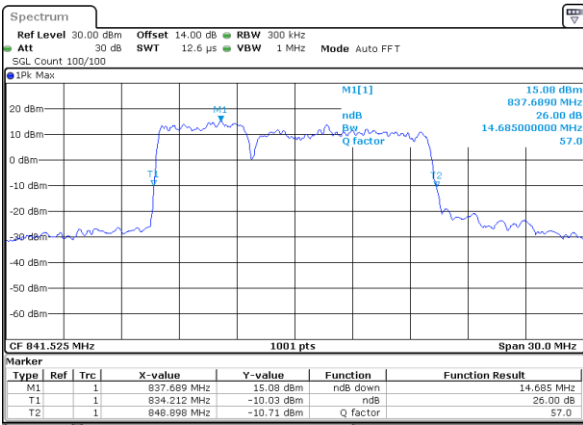
Date: 1.DEC.2022 15:44:57

Middle Channel / 10MHz+5MHz



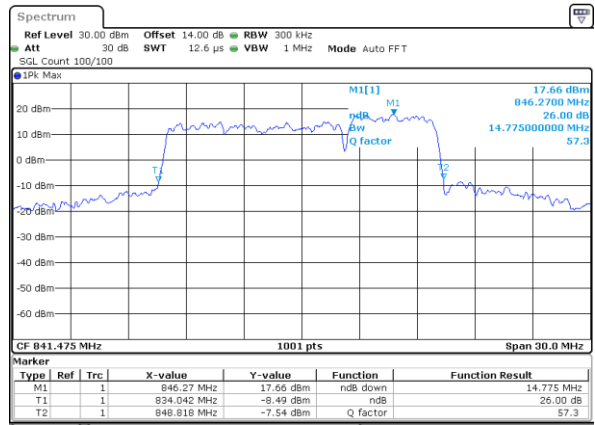
Date: 1.DEC.2022 18:11:55

Highest Channel / 5MHz+10MHz



Date: 1.DEC.2022 15:58:26

Highest Channel / 10MHz+5MHz



Date: 2.DEC.2022 09:20:41

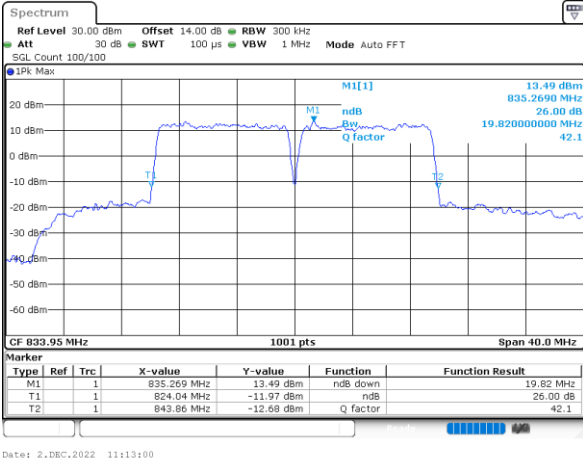


LTE Band 5B

64QAM

Lowest Channel / 10MHz+10MHz

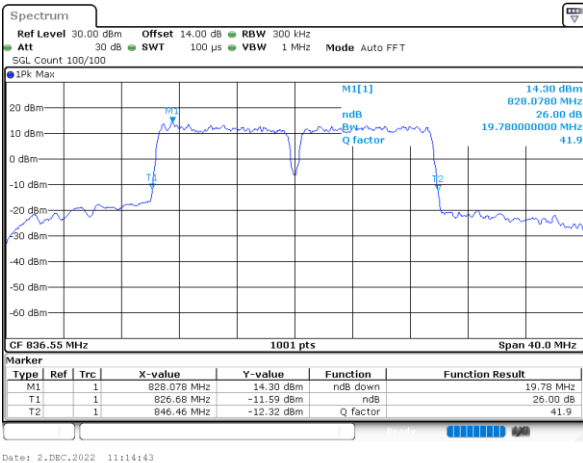
N/A



Date: 2.DEC.2022 11:13:00

Middle Channel / 10MHz+10MHz

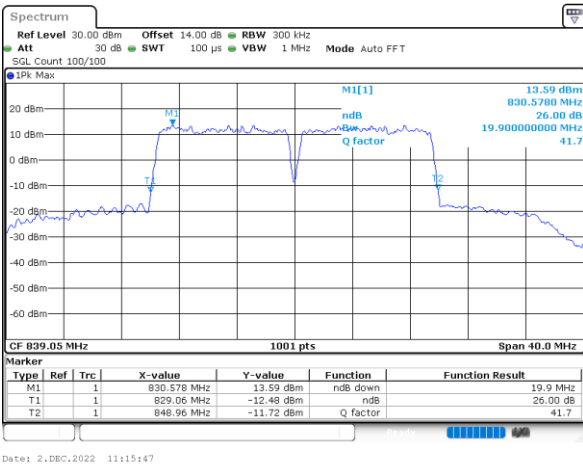
N/A



Date: 2.DEC.2022 11:14:43

Highest Channel / 10MHz+10MHz

N/A



Date: 2.DEC.2022 11:15:47



Occupied Bandwidth

Mode	LTE Band 5B : 99%OBW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Lowest CH	7.59	7.58	13.88
Middle CH	7.58	7.53	13.91
Highest CH	7.58	7.54	13.94
BW	10MHz+5MHz	10MHz+10MHz	N/A
Lowest CH	13.91	18.90	-
Middle CH	13.94	18.90	-
Highest CH	13.97	18.82	-

Mode	LTE Band 5B : 99%OBW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Lowest CH	7.56	7.61	13.94
Middle CH	7.58	7.61	13.94
Highest CH	7.59	7.61	13.94
BW	10MHz+5MHz	10MHz+10MHz	N/A
Lowest CH	13.91	18.78	-
Middle CH	13.97	18.86	-
Highest CH	13.94	18.82	-

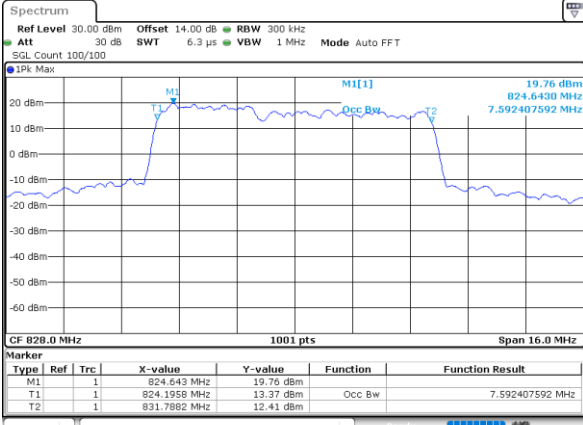
Mode	LTE Band 5B : 99%OBW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Lowest CH	7.59	7.58	13.88
Middle CH	7.58	7.59	13.94
Highest CH	7.58	7.67	13.91
BW	10MHz+5MHz	10MHz+10MHz	N/A
Lowest CH	13.91	18.82	-
Middle CH	13.94	18.82	-
Highest CH	13.94	18.74	-



LTE Band 5B

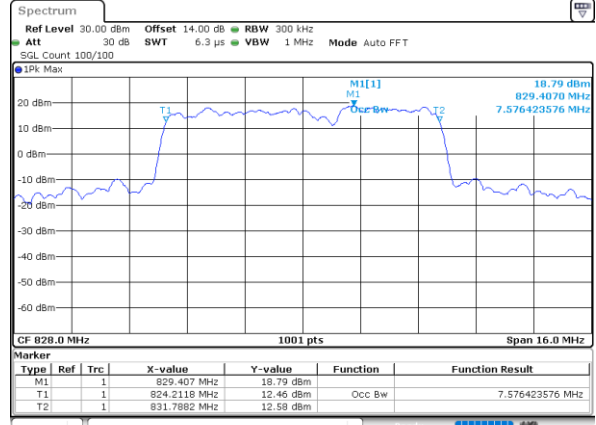
QPSK

Lowest Channel / 3MHz+5MHz



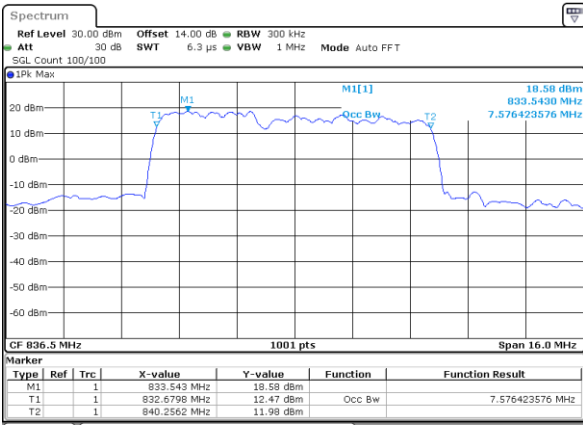
Date: 30.NOV.2022 18:14:36

Lowest Channel / 5MHz+3MHz



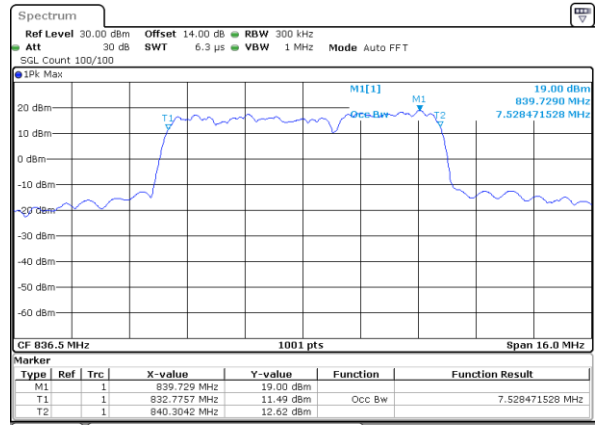
Date: 1.DEC.2022 13:43:37

Middle Channel / 3MHz+5MHz



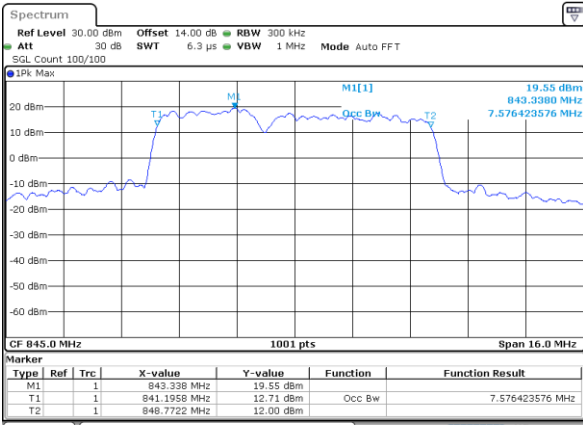
Date: 1.DEC.2022 12:21:24

Middle Channel / 5MHz+3MHz



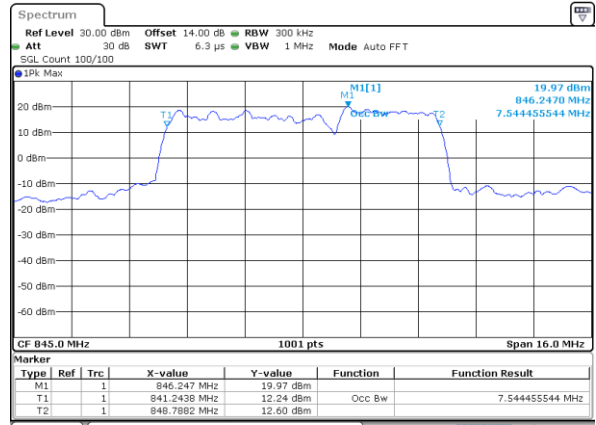
Date: 1.DEC.2022 14:15:29

Highest Channel / 3MHz+5MHz



Date: 1.DEC.2022 12:38:39

Highest Channel / 5MHz+3MHz



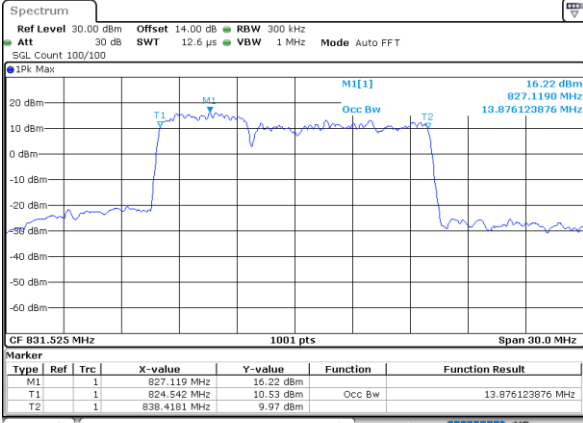
Date: 1.DEC.2022 14:29:58



LTE Band 5B

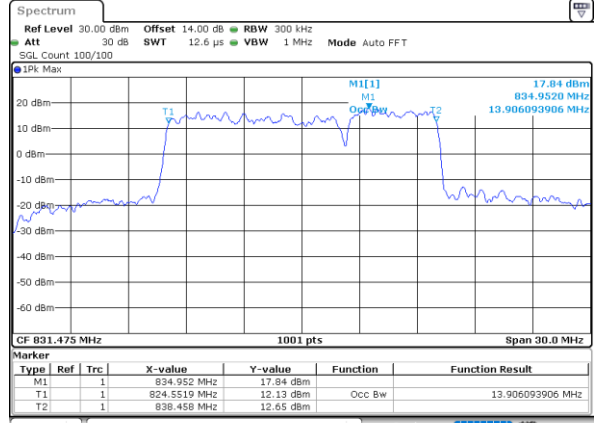
QPSK

Lowest Channel / 5MHz+10MHz



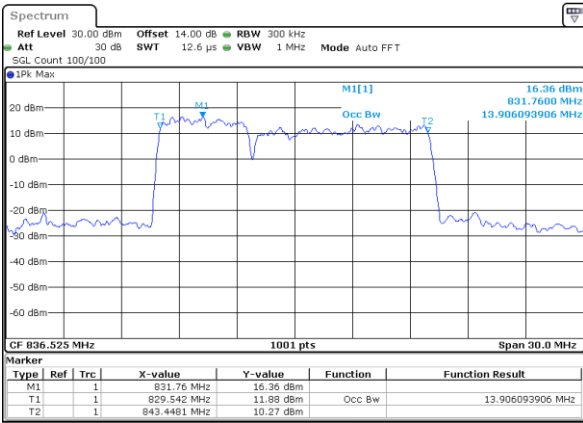
Date: 1.DEC.2022 15:11:54

Lowest Channel / 10MHz+5MHz



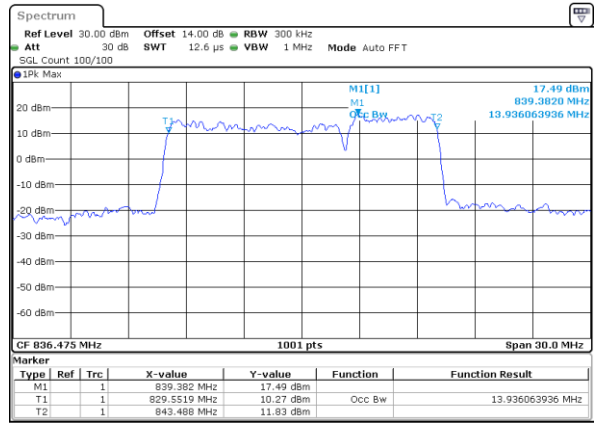
Date: 1.DEC.2022 17:39:41

Middle Channel / 5MHz+10MHz



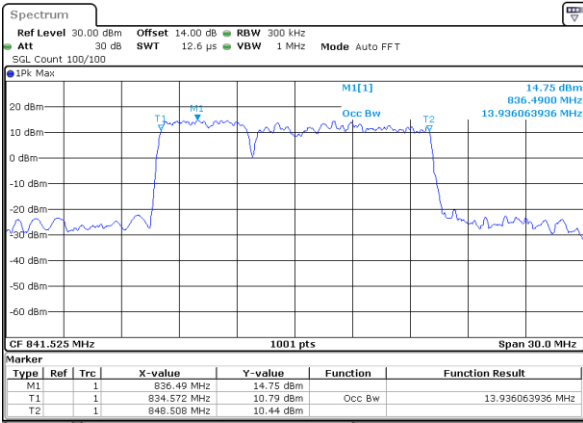
Date: 1.DEC.2022 15:43:21

Middle Channel / 10MHz+5MHz



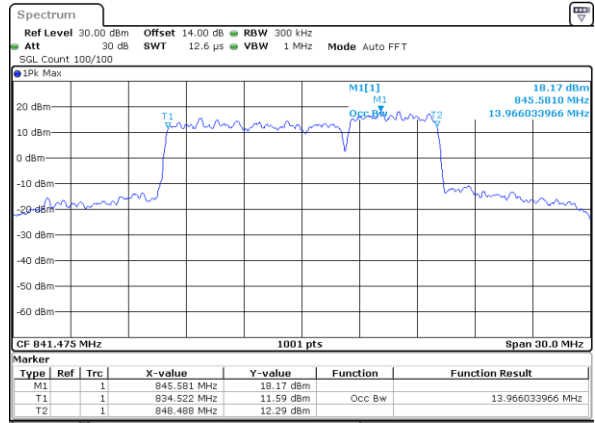
Date: 1.DEC.2022 18:10:19

Highest Channel / 5MHz+10MHz



Date: 1.DEC.2022 15:56:50

Highest Channel / 10MHz+5MHz



Date: 2.DEC.2022 09:11:26

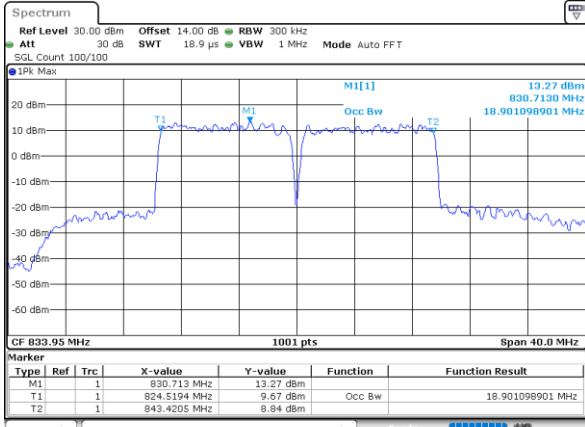


LTE Band 5B

QPSK

Lowest Channel / 10MHz+10MHz

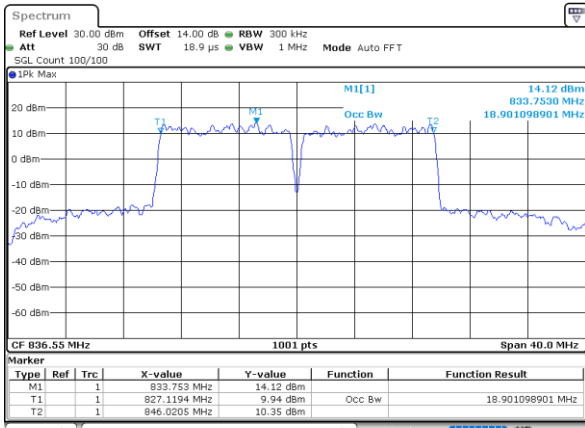
N/A



Date: 2.DEC.2022 09:47:42

Middle Channel / 10MHz+10MHz

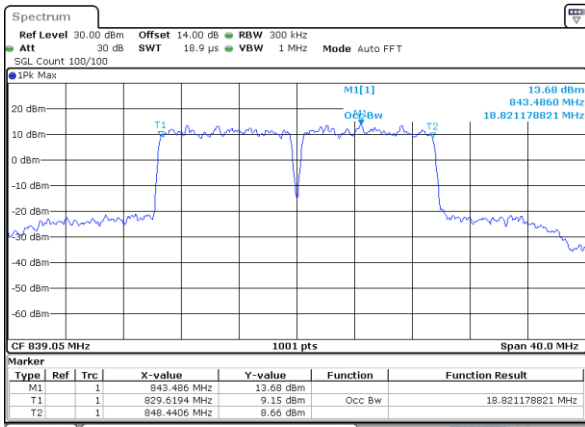
N/A



Date: 2.DEC.2022 10:17:39

Highest Channel / 10MHz+10MHz

N/A



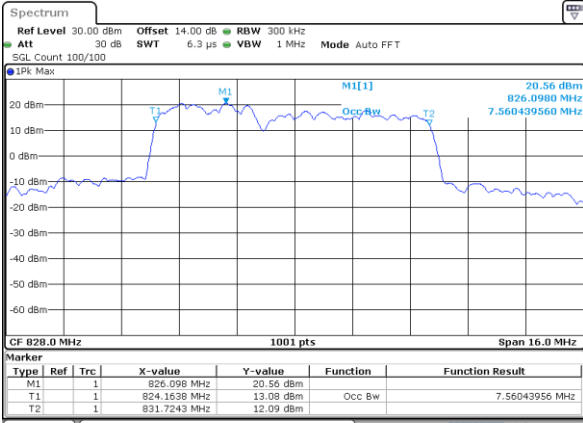
Date: 2.DEC.2022 10:30:21



LTE Band 5B

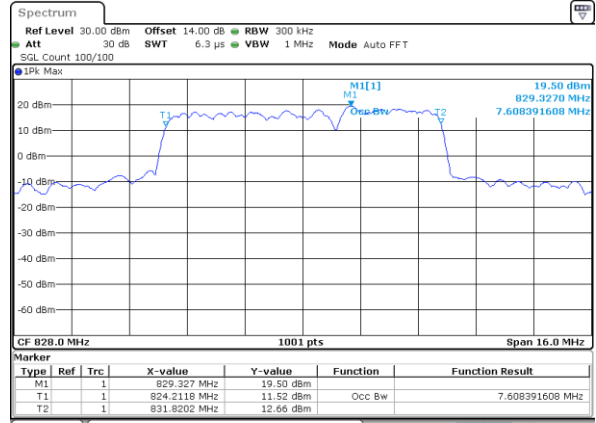
16QAM

Lowest Channel / 3MHz+5MHz



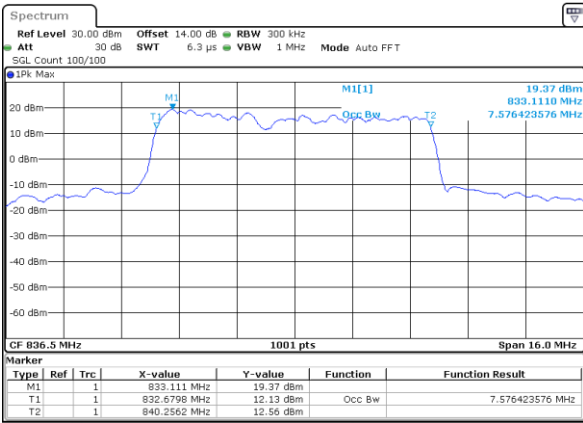
Date: 30.NOV.2022 18:15:09

Lowest Channel / 5MHz+3MHz



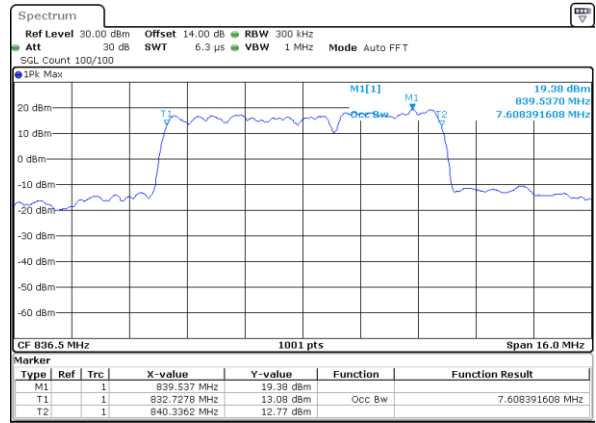
Date: 1.DEC.2022 13:44:14

Middle Channel / 3MHz+5MHz



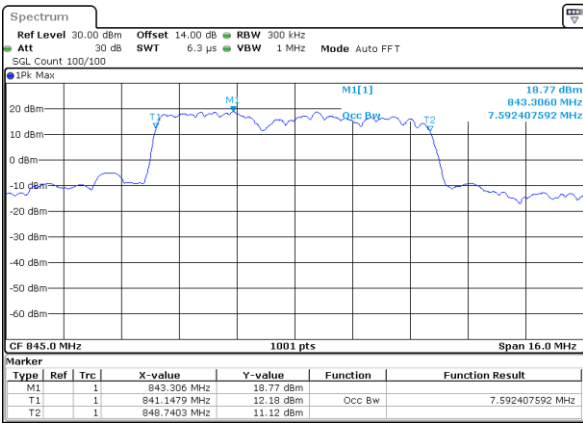
Date: 1.DEC.2022 12:21:59

Middle Channel / 5MHz+3MHz



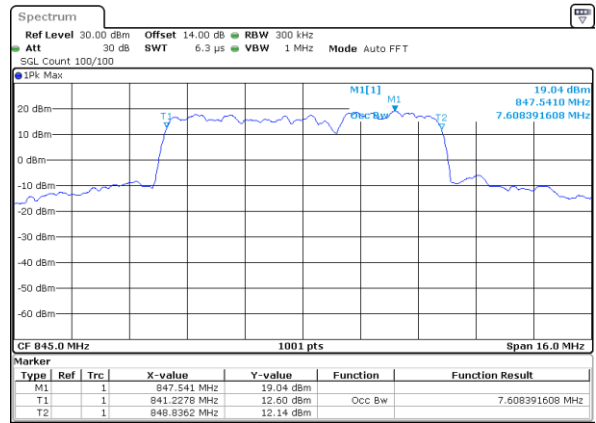
Date: 1.DEC.2022 14:16:02

Highest Channel / 3MHz+5MHz



Date: 1.DEC.2022 12:38:04

Highest Channel / 5MHz+3MHz



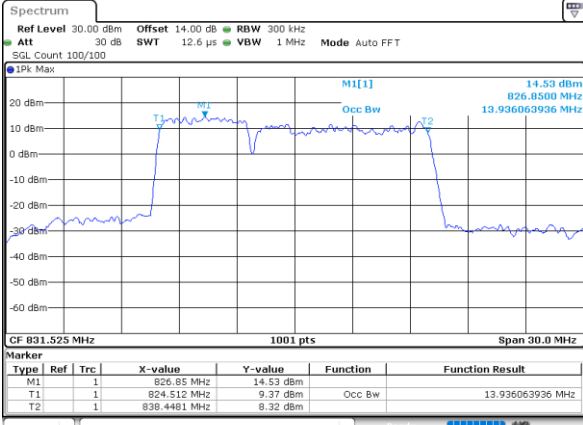
Date: 1.DEC.2022 14:29:25



LTE Band 5B

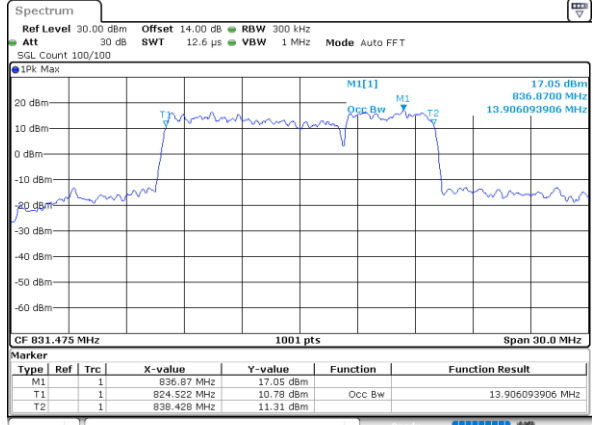
16QAM

Lowest Channel / 5MHz+10MHz



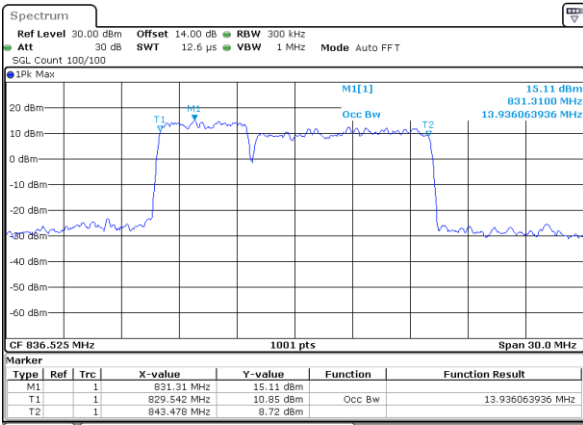
Date: 1.DEC.2022 15:12:27

Lowest Channel / 10MHz+5MHz



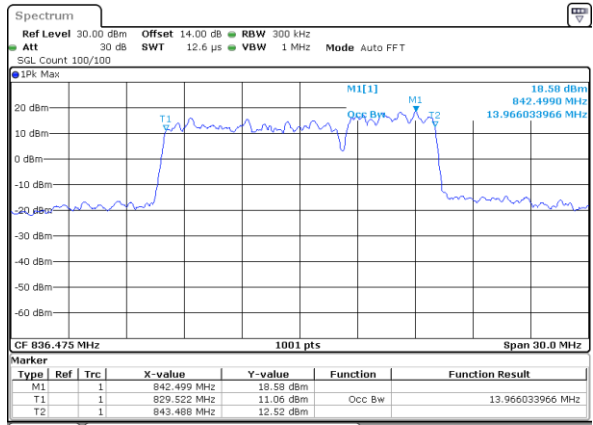
Date: 1.DEC.2022 17:40:13

Middle Channel / 5MHz+10MHz



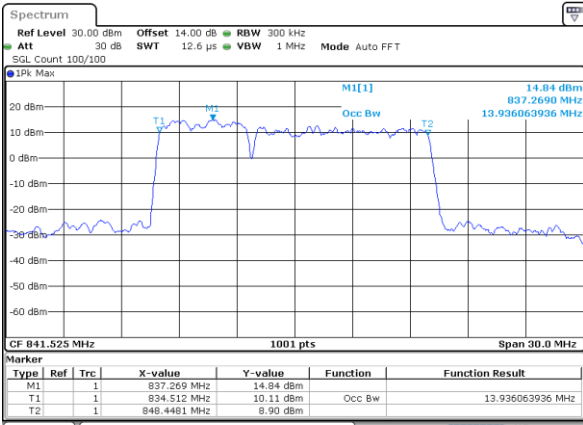
Date: 1.DEC.2022 15:43:53

Middle Channel / 10MHz+5MHz



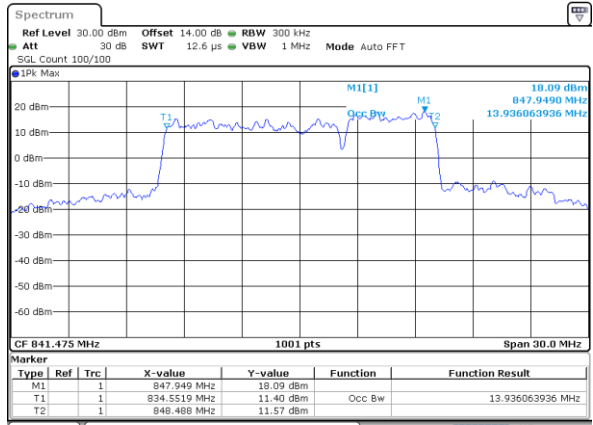
Date: 1.DEC.2022 18:10:52

Highest Channel / 5MHz+10MHz



Date: 1.DEC.2022 15:16:18

Highest Channel / 10MHz+5MHz



Date: 2.DEC.2022 09:16:13

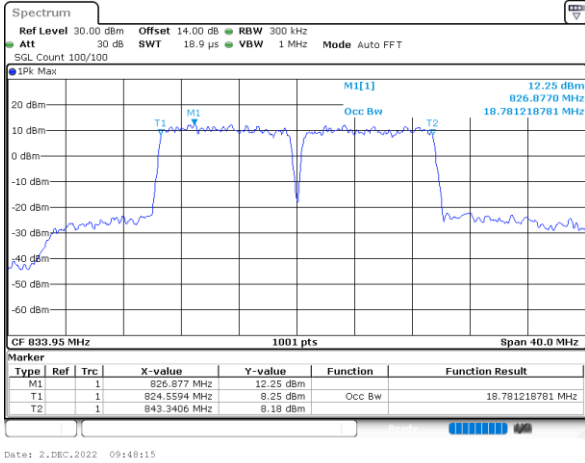


LTE Band 5B

16QAM

Lowest Channel / 10MHz+10MHz

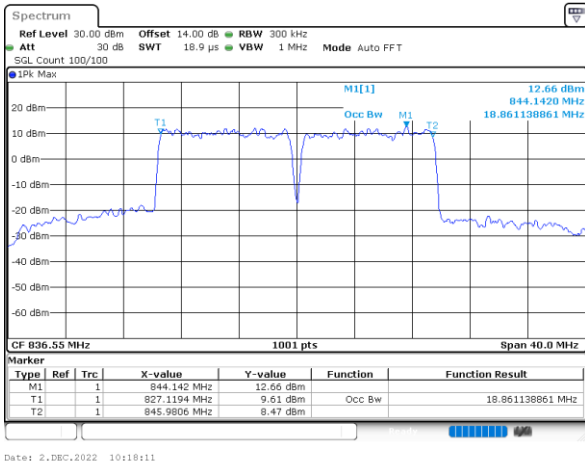
N/A



Date: 2.DEC.2022 09:48:15

Middle Channel / 10MHz+10MHz

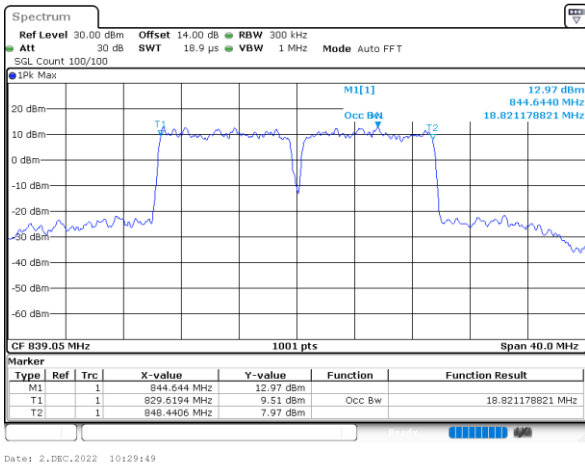
N/A



Date: 2.DEC.2022 10:18:11

Highest Channel / 10MHz+10MHz

N/A



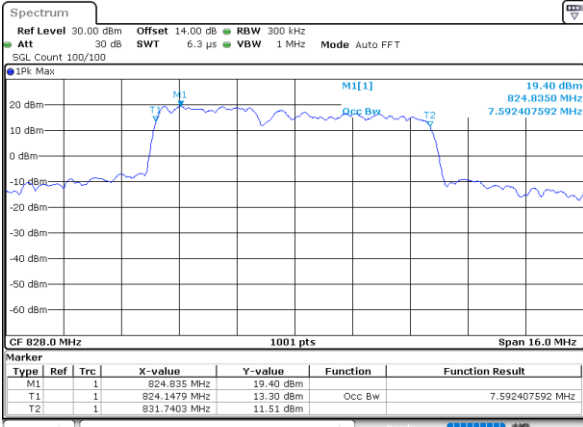
Date: 2.DEC.2022 10:29:49



LTE Band 5B

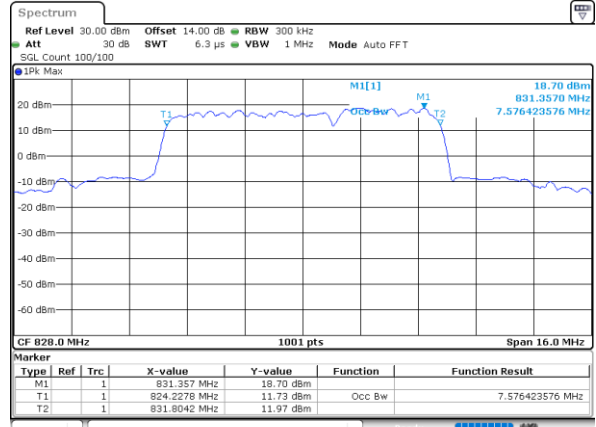
64QAM

Lowest Channel / 3MHz+5MHz



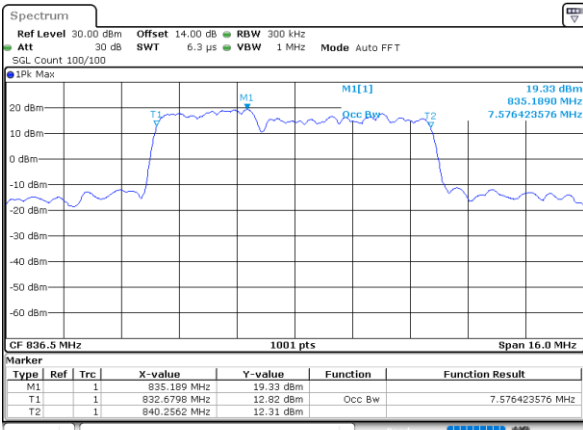
Date: 30.NOV.2022 18:15:42

Lowest Channel / 5MHz+3MHz



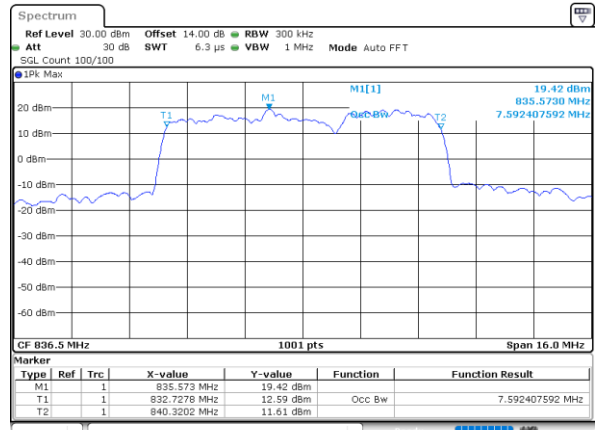
Date: 1.DEC.2022 13:44:48

Middle Channel / 3MHz+5MHz



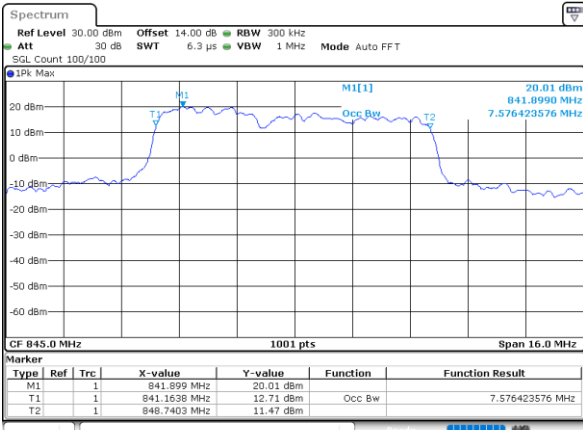
Date: 1.DEC.2022 12:22:34

Middle Channel / 5MHz+3MHz



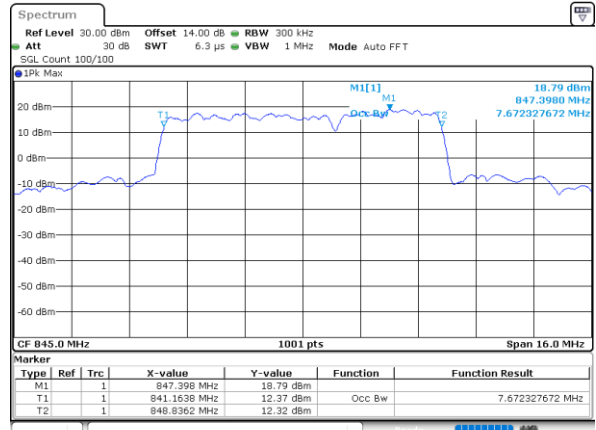
Date: 1.DEC.2022 14:16:35

Highest Channel / 3MHz+5MHz



Date: 1.DEC.2022 12:37:29

Highest Channel / 5MHz+3MHz



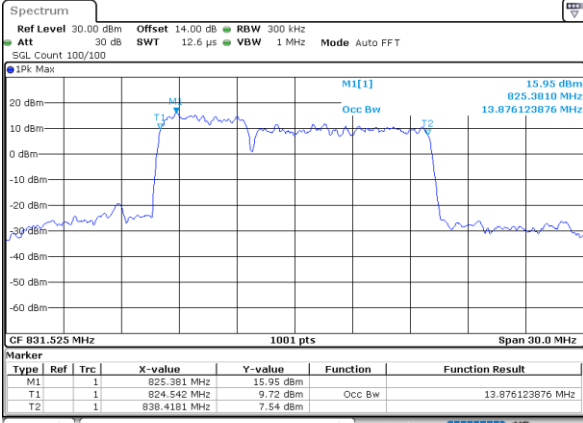
Date: 1.DEC.2022 14:28:52



LTE Band 5B

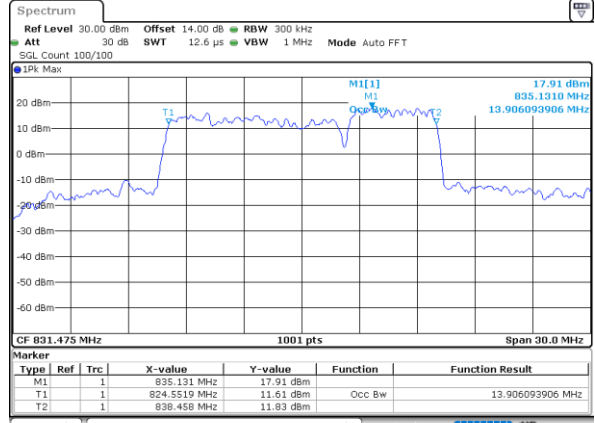
64QAM

Lowest Channel / 5MHz+10MHz



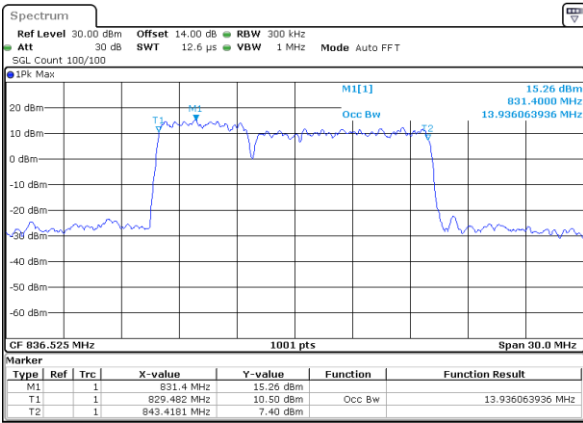
Date: 1.DEC.2022 15:13:00

Lowest Channel / 10MHz+5MHz



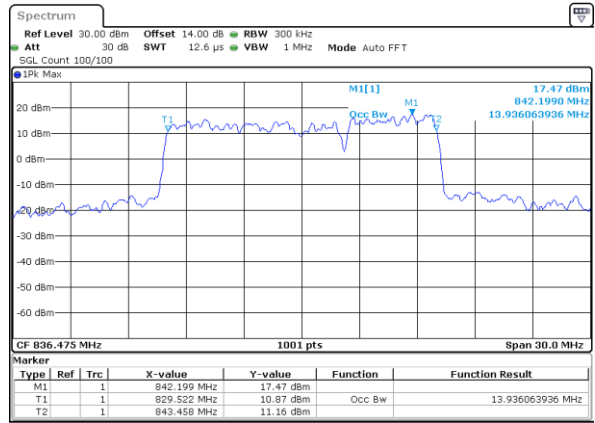
Date: 1.DEC.2022 17:14:45

Middle Channel / 5MHz+10MHz



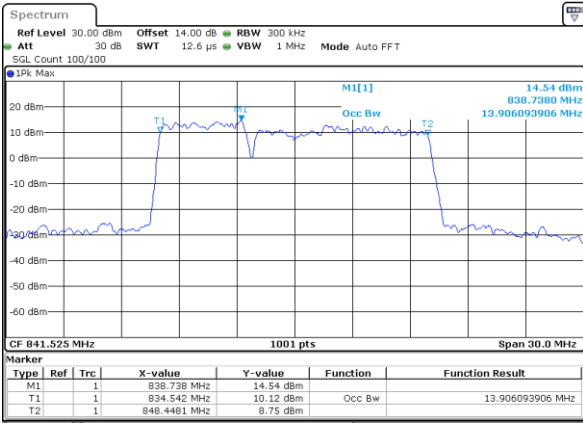
Date: 1.DEC.2022 15:44:25

Middle Channel / 10MHz+5MHz



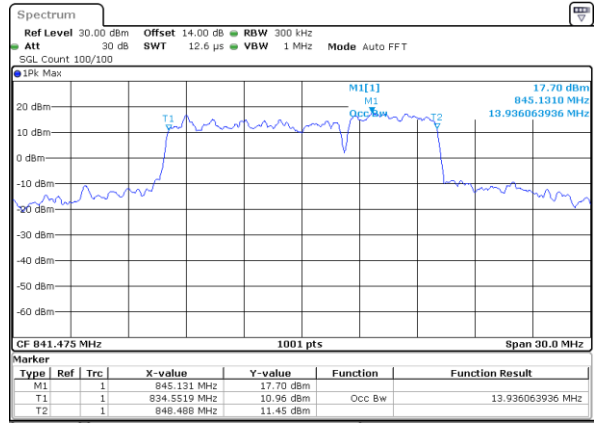
Date: 1.DEC.2022 18:11:24

Highest Channel / 5MHz+10MHz



Date: 1.DEC.2022 15:55:46

Highest Channel / 10MHz+5MHz



Date: 2.DEC.2022 09:19:50

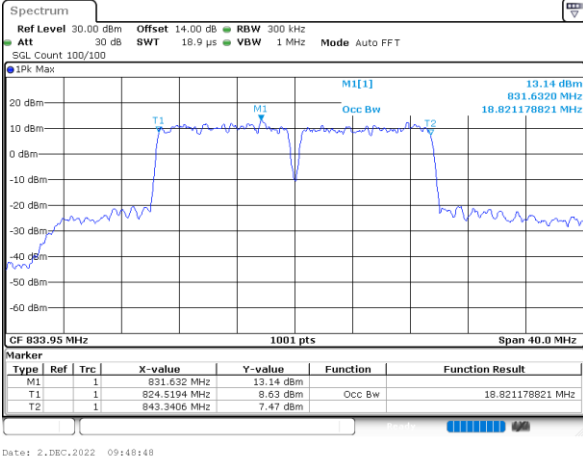


LTE Band 5B

64QAM

Lowest Channel / 10MHz+10MHz

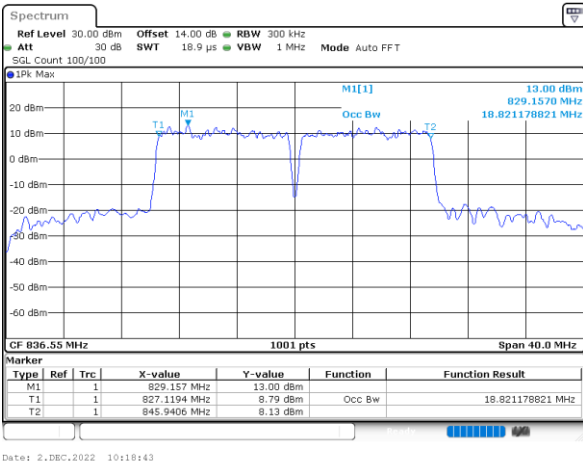
N/A



Date: 2.DEC.2022 09:48:48

Middle Channel / 10MHz+10MHz

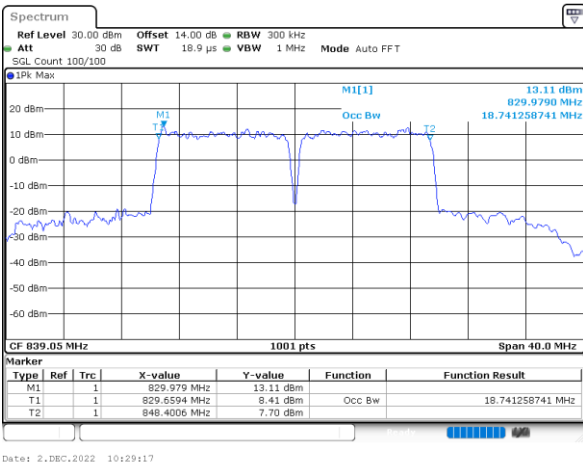
N/A



Date: 2.DEC.2022 10:18:43

Highest Channel / 10MHz+10MHz

N/A



Date: 2.DEC.2022 10:29:17

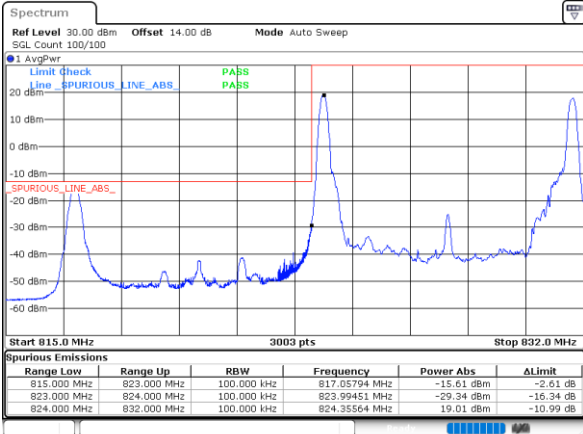


Conducted Band Edge

LTE Band 5B / 3MHz+5MHz

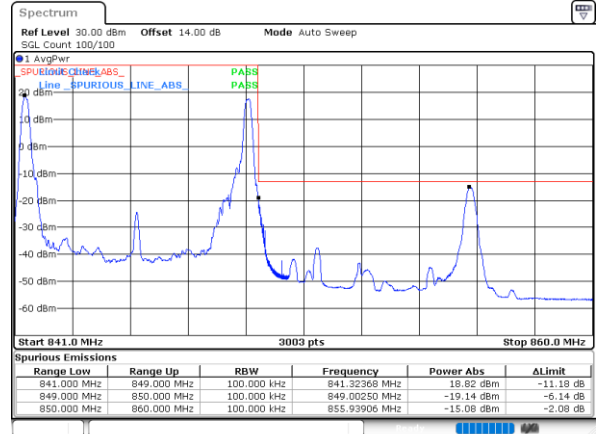
QPSK

Lowest Band Edge / 1RB0 and 1RB24



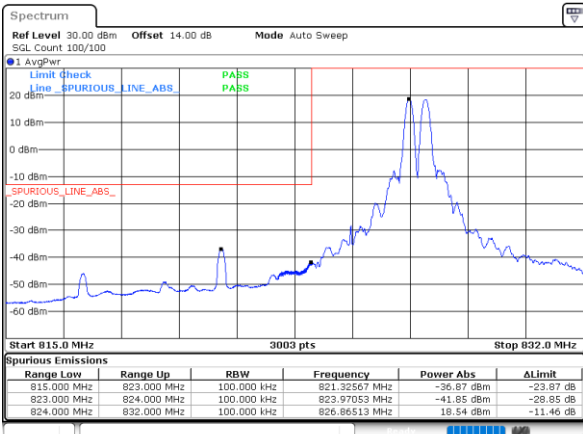
Date: 1.DEC.2022 11:50:10

Highest Band Edge / 1RB0 and 1RB24



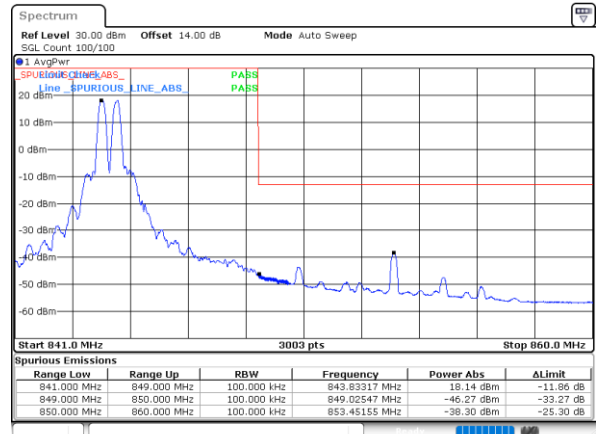
Date: 1.DEC.2022 12:48:41

Lowest Band Edge / 1RB14 and 1RB0



Date: 1.DEC.2022 12:04:04

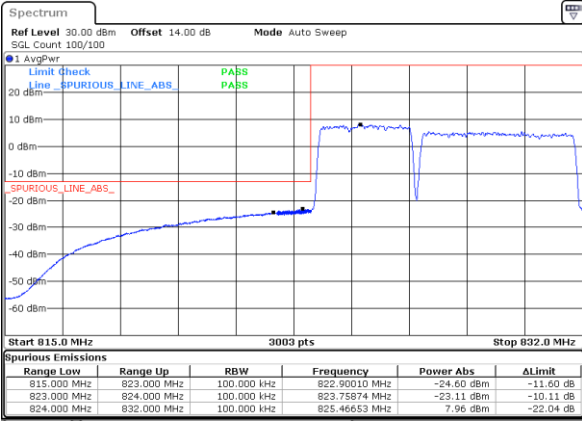
Highest Band Edge / 1RB14 and 1RB0



Date: 1.DEC.2022 12:59:04

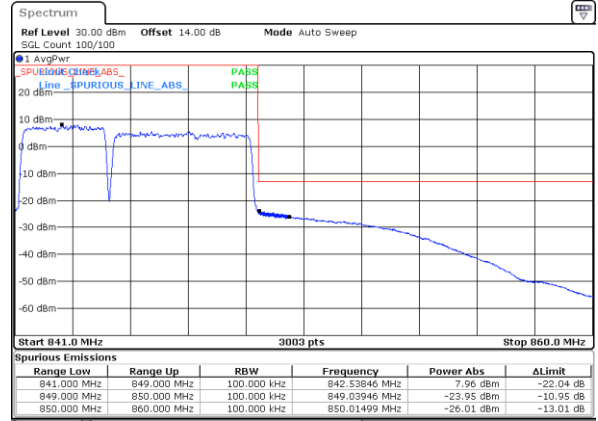


Lowest Band Edge / Full RB



Date: 1, DEC, 2022 11:39:53

Highest Band Edge / Full RB



Date: 1, DEC, 2022 12:46:37

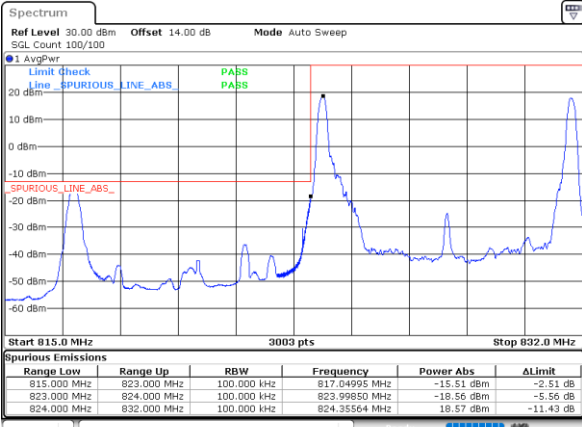


LTE Band 5B / 5MHz+3MHz

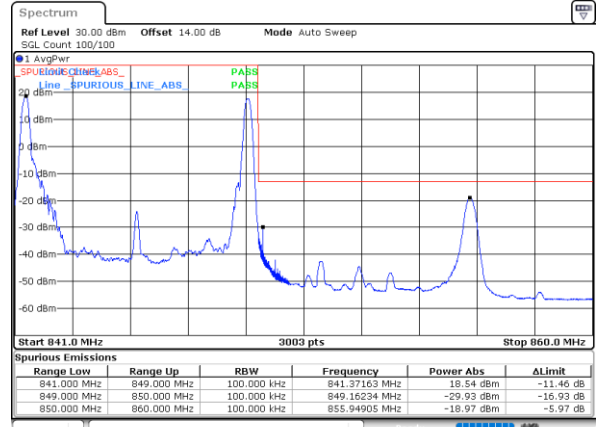
QPSK

Lowest Band Edge / 1RB0 and 1RB14

Highest Band Edge / 1RB0 and 1RB14



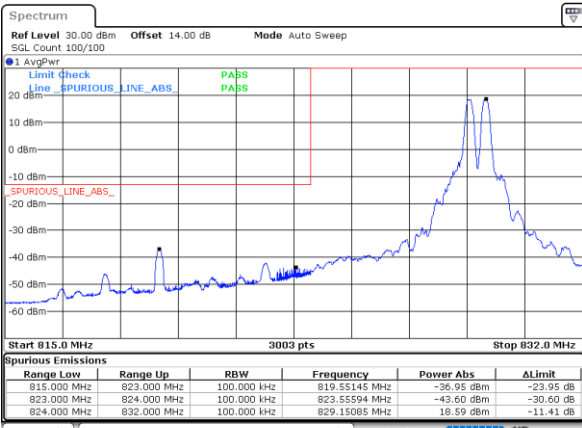
Date: 1.DEC.2022 13:58:43



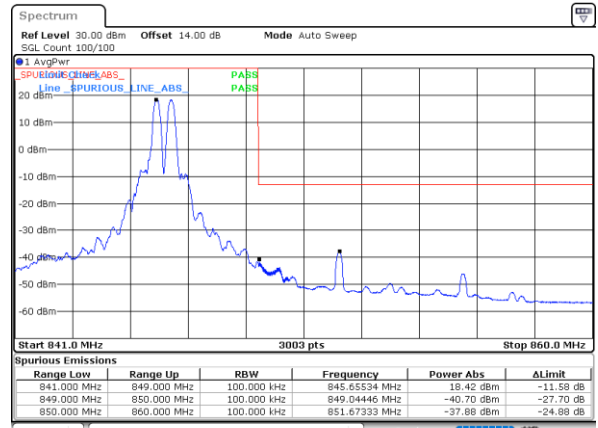
Date: 1.DEC.2022 14:39:47

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0



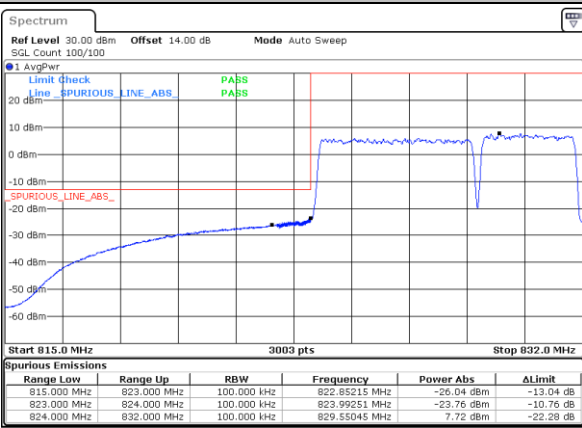
Date: 1.DEC.2022 14:00:45



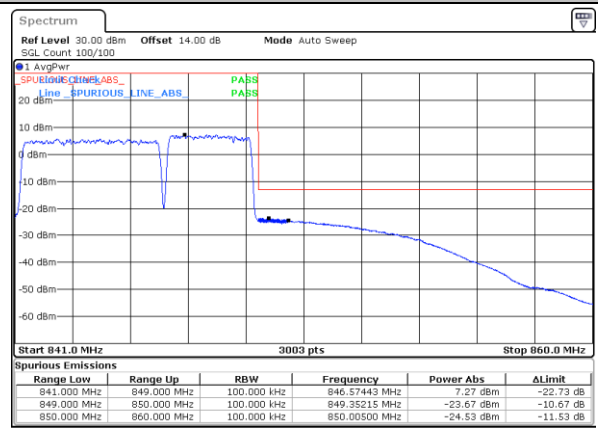
Date: 1.DEC.2022 14:50:00

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.DEC.2022 13:48:28



Date: 1.DEC.2022 14:37:44