



TEST REPORT

REPORT NUMBER: I22W00026-LTE RF-Rev1

ON

Type of Equipment: SIMCom Module
Type of Designation: SIM8260A
Brand Name: SIMCom
Manufacturer: SIMCom Wireless Solutions Limited
FCC ID: 2AJYU-8XN0001

ACCORDING TO

FCC CFR Part 2, FREQUENCY ALLOCATIONS AND RADIO TREATY MATTERS;
GENERAL RULES AND REGULATIONS, e-CFR
PART 22, PUBLIC MOBILE SERVICES, e-CFR
PART 24, PERSONAL COMMUNICATIONS SERVICES, e-CFR
PART 27, MISCELLANEOUS WIRELESS COMMUNICATIONS SERVICES, e-CFR
PART 90, PRIVATE LAND MOBILE RADIO SERVICES, e-CFR
ANSI C63.26-2015 American National Standard for Compliance Testing of Transmitters
Used in Licensed Radio Services
ANSI/TIA-603-E-2016 Land Mobile FM or PM Communications Equipment
Measurement and Performance Standards

Chongqing Academy of Information and Communications Technology

Month date, year

Oct, 28, 2022

Signature



Xiang Luoyong
Director

Note:

The test results in this test report relate only to the devices specified in this report.
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Report No.: I22W00026-LTE RF-Rev1

Revision Version

Report Number	Revision	Date	Memo
I22W00026-LTE-RF	00	2022-09-28	Initial creation of test report
I22W00026-LTE RF-Rev1	01	2022-10-28	First change of test report

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1. Test Laboratory

1.1. Testing Location

Name:	Chongqing Academy of Information and Communications Technology
FCC Registration Number:	CN1239
Address:	No.19 East Road, Xiantao Big-data Valley, Yubei District, Chongqing, People's Republic of China
Postal Code:	401336
Telephone:	0086-23-88069965
Fax:	0086-23-88608777

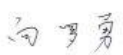
1.2. Testing Environment

Normal Temperature:	15-35°C
Relative Humidity:	30-60%

1.3. Project data

Testing Start Date:	2022-03-28
Testing End Date:	2022-10-28

1.4. Signature

	2022-10-28
LiXu (Prepared this test report)	Date
	2022-10-28
ChenWen (Reviewed this test report)	Date
	2022-10-28
XiangLuoYong Director of the laboratory (Approved this test report)	Date

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2. Client Information

2.1. Applicant Information

Company Name:	SIMCom Wireless Solutions Limited
Address /Post:	SIMCom Headquarters Building, Building 3, No.289 Linhong Road, Changning District, Shanghai, China
City:	Shanghai
Country:	China
Telephone:	86-2131575100
Fax:	--
Email:	YongshengLi@simcom.com
Contact Person:	Yongsheng Li

2.2. Manufacturer Information

Company Name:	SIMCom Wireless Solutions Limited
Address /Post:	SIMCom Headquarters Building, Building 3, No.289 Linhong Road, Changning District, Shanghai, China
City:	Shanghai
Country:	China
Telephone:	86-2131575100
Fax:	--
Email:	YongshengLi@simcom.com
Contact Person:	Yongsheng Li

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3. Equipment under Test (EUT) and Ancillary Equipment (AE)

3.1. About EUT

EUT Description	SIMCom Module
Model name	SIM8260A
Brand name	SIMCom
NR SA Frequency Band	n2,n5,n7,n12,n14,n25,n26,n41,n66,n71,n77,n78
NR NSA Frequency Band	DC_7A_n2A,DC_7A_n5A,DC_66A_n5A,DC_2A_n7A,DC_5A_n7A,DC_66A_n7A,DC_66A_n25A,DC_2A_n41A,DC_66A_n41A,DC_2A_n66A,DC_5A_n66A,DC_7A_n66A,DC_12A_n66A,DC_2A_n71A,DC_66A_n71A,DC_2A_n78A,DC_7A_n78A,DC_66C_n71A,DC_2C_n71A,DC_7C_n66A,DC_7C_n5A,DC_66A-66A_n5A,DC_5A-7A_n7A,DC_66A-66A_n7A,DC_2A-66A_n25A,DC_2A-2A_n41A,DC_2A-66A_n41A,DC_2A-12A_n66A,DC_5A-7A_n66A,DC_5A-66A_n66A,DC_12A-66A_n66A,DC_7A-66A_n66A,DC_2A-66A_n71A,DC_2A-2A_n71A,DC_2A-71A_n71A,DC_66A-71A_n71A,DC_66A-66A_n71A,DC_2A-7A_n78A,DC_7A-66A-66A_n5A,DC_2C-66A_n41A,DC_2A-2A-66A_n41A,DC_5A-7A-66A_n66A,DC_5A-7C_n66A,DC_2C-66A_n71A,DC_2A-66C_n71A,DC_2A-2A-66A_n71A,DC_2A-66A-66A_n71A,DC_2A-66A-71A_n71A,DC_7C-66A-66A_n5A,DC_5A-7C-66A_n66A
MIMO	n41,n77,n78
LTE Frequency Band	2/4/5/7/12/13/14/17/25/26/41/66/71/41C/LTE_2A-4A/LTE_2A-12A/LTE_2A-66A/LTE_12A-66A
WCDMA Frequency Band	2/4/5
Type of modulation	QPSK/16QAM/64QAM/256QAM DFT-s-OFDM-pi/2:BPSK/QPSK/16QAM/64QAM/256QAM CP-OFDM :QPSK/16QAM/64QAM/256QAM
Extreme Temperature	-30/+70°C
Nominal Voltage	3.8
Extreme High Voltage	4.4

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Extreme Low Voltage	3.3
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- Note:**
- 1.NSA frequency band provided by the customer.
 - 2.Photographs of EUT are shown in ANNEX A of this test report.
 - 3.High and low voltage values in extreme condition test are given by manufacturer.

3.2. Internal Identification of EUT used during the test

EUT ID	SN or IMEI	HW Version	SW Version	Date of receipt
S2	864284040438322	V1.02	V1.0.01	2022-03-28
S3	864284040456696	V1.02	V1.0.01	2022-03-28
S4	864284040456399	V1.02	V1.0.01	2022-03-28

*EUT ID: is used to identify the test sample in the lab internally.

3.3. Outline of Equipment under Test

Technology	Band	UL Freq.(MHz)	DL Freq.(MHz)	Note
WCDMA	B2	1852.4-1907.6	1932.4-1987.6	--
	B4	1712.4-1752.6	2112.4-2152.6	--
	B5	826.4-846.6	871.4-891.6	--
LTE	B2	1850 – 1910	1930 – 1990	--
	B4	1710 – 1755	2110 – 2155	--
	B5	824 – 849	869 – 894	--
	B7	2500-2570	2620-2690	--
	B12	699-716	729-746	--
	B13	777-787	746-756	--
	B14	788-798	758-768	--
	B17	704-716	734-746	--
	B25	1850-1915	1930-1995	--
	B26 Part 22	824-849	869-894	--
	B26 Part 90	814-824	859-869	--
	B41	2496-2690	2496-2690	--
	B66	1710-1780	2110-2200	--
	B71	663-698	617-652	--
NR	N2	1850 – 1910	1930 – 1990	--
	N5	824 – 849	869 – 894	--
	N7	2500-2570	2620-2690	--
	N12	699-716	729-746	--
	N14	788-798	758-768	--
	N25	1850-1915	1930-1995	--
	N26 Part22	824-849	869-894	--

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	N26 Part90	814-824	859-869	--
	N41	2496-2690	2496-2690	--
	N66	1710-1780	2110-2200	--
	N71	663-698	617-652	--
	N77L	3450-3550	3450-3550	--
	N77H	3700-3980	3700-3980	--
	N78L	3450-3550	3450-3550	--
	N78H	3700-3800	3700-3800	--

3.4. Internal Identification of AE used during the test

AE ID*	Description	dB*
AE1	--	≤1GHz: 0.4; 1GHz-2GHz: 0.8; ≥2GHz: 1

*AE ID: is used to identify the test sample in the lab internally.

dB*: is provided customer.

4. Reference Documents

4.1. Documents supplied by applicant

PICS/PIXIT, referring to Annex B for detailed information, is supplied by the client or manufacturer, which is the basis of testing.

4.2. Reference Documents for testing

The following documents listed in this section are referred for testing.

Reference	Title	Version
FCC CFR Part 2	FREQUENCY ALLOCATIONS AND RADIO TREATY MATTERS; GENERAL RULES AND REGULATIONS, e-CFR	--
PART 22	PUBLIC MOBILE SERVICES	--
PART 24	PERSONAL COMMUNICATIONS SERVICES, e-CFR	--
PART 27	MISCELLANEOUS WIRELESS COMMUNICATIONS SERVICES, e-CFR	--
PART 90	PRIVATE LAND MOBILE RADIO SERVICES, e-CFR,	--
ANSI 63.26	American National Standard for Complicance Testing of Transmitters Used in Licensed Radio Services	2015
ANSI/TIA-603-E	Land Mobile FM or PM Communications Equipment Measurement and Performance Standards	2016

5. Test Equipments Utilized

5.1. RF Test System

No.	Equipment	Model	SN	HW Version	SW Version	Manufacture	Cal.Due Date
1	spectrum analyzer	FSQ 26	201137/026	--	--	R&S	2023-06-29
2	DC Power Supply	3303D	801128	--	--	Topward	2023-06-29
3	Universal Radio Communication Tester	CMW500	152395	--	--	R&S	2023-06-29
4	spectrum analyzer	N9030B	MY57140708	--	--	KEYSIGHT	2023-06-29
5	Universal Radio Communication Tester	CMW500	157398	--	--	R&S	2023-06-29

5.2. RSE Test System

No.	Equipment	Model	SN	HW Version	SW Version	Manufacture	Cal.Due Date
1	Test Receiver	ESU40	100350	1	4.43 SP3	R&S	2023/6/29
2	Ultra-wideband Log Periodic Antenna	VULB 9163	9163-586	--	--	Schwarzbeck	2022/11/11
3	Double Ridged Guide Antenna	9120D	9120D-1103	--	--	Schwarzbeck	2024/5/5
4	Ultra-wideband Log Periodic Antenna	VULB 9163	995	--	--	R&S	2023/4/3
5	Double Ridged Guide Antenna	9120D	9120D-1083	--	--	Schwarzbeck	2024/5/5
6	Test Receiver	ESW 26	101382	0	1.50 SP1	R&S	2023/6/29
7	Universal Radio Communication Tester	CMW500	128181	--	--	R&S	2023/6/29
8	Generator	SMU 200A	104517	--	--	R&S	2023/6/29

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9	Amplifier1	SCU-08F1	8320027	--	--	R&S	--
10	Amplifier2	SCU-08F1	180093	--	--	R&S	--

5.3. Climate Chamber

No.	Name	Type	SN	Manufacture	Cal.Due Date
1	Climate chamber	SH-241	92010759	ESPEC	2023-06-29
2	Fully anechoic chamber	FAC-5	--	TDK	2024-08-30
3	Semi-anechoic chamber	FAC-10	--	TDK	2024-08-28

5.4. Vibration table

No.	Name	Type	SN	Manufacture	Cal.Due Date
--	--	--	--	--	--

Anechoic chamber

Fully anechoic chamber by ETS-LINDGREN.

5.5. Test software

No.	Name	version	SN	Manufacture
1	EMC32	V 9.26.01	--	R&S
2	EMC32	V10.20.10	--	R&S
3	T-RFS500	V2.0	--	Manufacturer:Beijing Zhiwang Xince Technology Co., Ltd.

6. Test Results

6.1. Summary of Test Results

A brief summary of the tests carried out is shown as following.

FCC Rules	Name of Test	Result
2.1046,22.913(a),24.232(c),27.50, 90.635(b)	Conducted RF Power Output	Pass
2.1046,22.913(a),24.232(c),27.50, 90.635(b)	ERP and EIRP	Pass
2.1049,22.917(b), 24.238(b)	Occupied Bandwidth	*Note 1
2.1051,24.238,2.1053,22.917, 27.53,90.691	Conducted spurious emissions	Pass
2.1051,24.238,2.1053,22.917, 27.53,90.691	Radiated Spurious Emission	Pass
2.1051,24.238, 2.1053, 22.917, 27.53,90.691	Band Edge	Pass
2.1055, 22.355,24.235, 27.54,90.213	Frequency Stability	Pass
24.232, 27.50	Peak to Average Ratio	Pass
Note 1: No applicable performance criteria. Note 2: Explanation of worst-case configuration The worst-case scenario for all measurements is based on the conducted output power. Output power was measured on QPSK,16QAM modulations. It was found that QPSK was the worst case. All testing was performed using QPSK modulations to represent the worst case unless otherwise stated. The test results shown in the following sections represent the worst case emission.		

6.2. Conducted RF Power Output

Specifications:	FCC Part 2.1046,22.913(a),24.232(c),27.50, 90.635(b)
DUT Serial Number:	864284040456399/864284040456696
Test conditions:	Ambient Temperature:15°C-35°C Relative Humidity:30%-60% Air pressure: 86-106kPa
Test Results:	Pass

Limit Level Construction:

According to Part 22.913(a), the ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.

According to Part24.232(c), mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

According to Part 27.50(c), portable stations (hand-held devices) in the 600 MHz uplink Band and the 698-746 MHz Band, and fixed and mobile stations in the 600 MHz uplink Band are limited to 3 watts ERP.

According to Part 27.50(d), fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz Band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz Bands are limited to 1 watt EIRP.

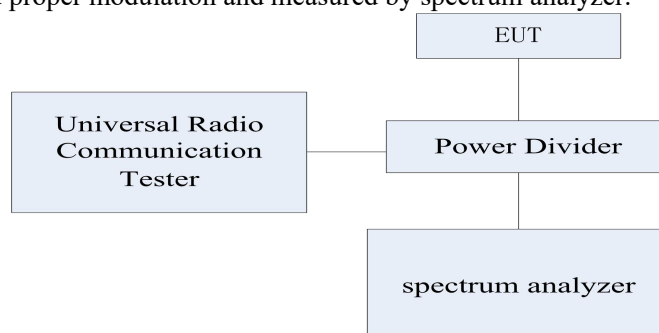
According to Part 90.635(b), The maximum output power of the transmitter for mobile stations is 100 watts (20 dBw).

Measurement Uncertainty:

Item	Uncertainty
Expanded Uncertainty	0.6 dB (k=2)

Test Setup:

During the test, the EUT was controlled via the Wireless Telecommunications Test Set to ensure max power transmission and proper modulation and measured by spectrum analyzer.



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Test Method:

- 1) The EUT was coupled to the spectrum analyzer and the Wireless Telecommunications Test Set through a power divider. The loss of the RF cables of the test system is calibrated to correct the readings.
- 2) For RMS power test, the spectrum analyzer was set to RMS Detector function and Maximum hold mode.
- 3) For Peak power test, the spectrum analyzer was set to Maxpeak Detector function and Maximum hold mode.
- 4) The resolution Bandwidth of the spectrum analyzer was comparable to the emission Bandwidth.

Note: --

6.2.1 Conducted RF Power Output Results

LTE band 2

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Power (dBm)	Peak Power (dBm)
1.4MHz	1 RB low	1850.7	QPSK	23.44	27.52
1.4MHz	1 RB mid	1850.7	QPSK	23.40	27.45
1.4MHz	1 RB high	1850.7	QPSK	23.33	27.44
1.4MHz	100% RB	1850.7	QPSK	22.37	27.96
1.4MHz	1 RB low	1850.7	16QAM	22.49	27.49
1.4MHz	1 RB mid	1850.7	16QAM	22.52	27.43
1.4MHz	1 RB high	1850.7	16QAM	22.43	27.39
1.4MHz	100% RB	1850.7	16QAM	21.46	27.93
1.4MHz	1 RB low	1880	QPSK	23.27	27.41
1.4MHz	1 RB mid	1880	QPSK	23.25	27.34
1.4MHz	1 RB high	1880	QPSK	23.15	27.32
1.4MHz	100% RB	1880	QPSK	22.18	27.85
1.4MHz	1 RB low	1880	16QAM	22.37	27.42
1.4MHz	1 RB mid	1880	16QAM	22.33	27.34
1.4MHz	1 RB high	1880	16QAM	22.22	27.30
1.4MHz	100% RB	1880	16QAM	21.18	27.54
1.4MHz	1 RB low	1909.3	QPSK	23.20	27.48
1.4MHz	1 RB mid	1909.3	QPSK	23.20	27.43
1.4MHz	1 RB high	1909.3	QPSK	23.08	27.37
1.4MHz	100% RB	1909.3	QPSK	22.21	27.94
1.4MHz	1 RB low	1909.3	16QAM	22.19	27.46
1.4MHz	1 RB mid	1909.3	16QAM	22.41	27.44
1.4MHz	1 RB high	1909.3	16QAM	22.29	27.39
1.4MHz	100% RB	1909.3	16QAM	21.18	27.54
3MHz	1 RB low	1851.5	QPSK	23.47	27.44
3MHz	1 RB mid	1851.5	QPSK	23.34	27.39
3MHz	1 RB high	1851.5	QPSK	23.24	27.33
3MHz	100% RB	1851.5	QPSK	22.31	27.78
3MHz	1 RB low	1851.5	16QAM	22.55	27.45
3MHz	1 RB mid	1851.5	16QAM	22.52	27.45
3MHz	1 RB high	1851.5	16QAM	22.31	27.45
3MHz	100% RB	1851.5	16QAM	21.31	27.74
3MHz	1 RB low	1880	QPSK	23.25	27.27
3MHz	1 RB mid	1880	QPSK	23.21	27.25

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3MHz	1 RB high	1880	QPSK	23.02	27.13
3MHz	100% RB	1880	QPSK	22.15	27.66
3MHz	1 RB low	1880	16QAM	22.37	27.37
3MHz	1 RB mid	1880	16QAM	22.31	27.25
3MHz	1 RB high	1880	16QAM	22.14	27.16
3MHz	100% RB	1880	16QAM	21.19	27.75
3MHz	1 RB low	1908.5	QPSK	23.29	27.53
3MHz	1 RB mid	1908.5	QPSK	23.25	27.44
3MHz	1 RB high	1908.5	QPSK	23.10	27.31
3MHz	100% RB	1908.5	QPSK	22.25	27.74
3MHz	1 RB low	1908.5	16QAM	22.43	27.58
3MHz	1 RB mid	1908.5	16QAM	22.44	27.39
3MHz	1 RB high	1908.5	16QAM	22.16	27.40
3MHz	100% RB	1908.5	16QAM	21.32	27.88
5MHz	1 RB low	1852.5	QPSK	23.44	27.46
5MHz	1 RB mid	1852.5	QPSK	23.49	27.49
5MHz	1 RB high	1852.5	QPSK	23.36	27.53
5MHz	100% RB	1852.5	QPSK	22.42	28.05
5MHz	1 RB low	1852.5	16QAM	22.55	27.43
5MHz	1 RB mid	1852.5	16QAM	22.54	27.47
5MHz	1 RB high	1852.5	16QAM	22.54	27.53
5MHz	100% RB	1852.5	16QAM	21.41	28.00
5MHz	1 RB low	1880	QPSK	23.34	27.37
5MHz	1 RB mid	1880	QPSK	23.28	27.29
5MHz	1 RB high	1880	QPSK	23.16	27.28
5MHz	100% RB	1880	QPSK	22.18	27.83
5MHz	1 RB low	1880	16QAM	22.36	27.34
5MHz	1 RB mid	1880	16QAM	22.41	27.31
5MHz	1 RB high	1880	16QAM	22.33	27.27
5MHz	100% RB	1880	16QAM	21.17	27.74
5MHz	1 RB low	1907.5	QPSK	23.34	27.61
5MHz	1 RB mid	1907.5	QPSK	23.37	27.52
5MHz	1 RB high	1907.5	QPSK	23.14	27.41
5MHz	100% RB	1907.5	QPSK	22.29	28.03
5MHz	1 RB low	1907.5	16QAM	22.52	27.60
5MHz	1 RB mid	1907.5	16QAM	22.55	27.51
5MHz	1 RB high	1907.5	16QAM	22.32	27.33
5MHz	100% RB	1907.5	16QAM	21.26	27.99

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10MHz	1 RB low	1855	QPSK	23.45	27.55
10MHz	1 RB mid	1855	QPSK	23.44	27.60
10MHz	1 RB high	1855	QPSK	23.30	27.61
10MHz	100% RB	1855	QPSK	22.50	28.34
10MHz	1 RB low	1855	16QAM	22.65	27.54
10MHz	1 RB mid	1855	16QAM	22.62	27.60
10MHz	1 RB high	1855	16QAM	22.47	27.62
10MHz	100% RB	1855	16QAM	21.53	28.23
10MHz	1 RB low	1880	QPSK	23.30	27.34
10MHz	1 RB mid	1880	QPSK	23.29	27.33
10MHz	1 RB high	1880	QPSK	23.15	27.35
10MHz	100% RB	1880	QPSK	22.18	28.04
10MHz	1 RB low	1880	16QAM	22.48	27.34
10MHz	1 RB mid	1880	16QAM	22.40	27.27
10MHz	1 RB high	1880	16QAM	22.26	27.36
10MHz	100% RB	1880	16QAM	21.27	27.95
10MHz	1 RB low	1905	QPSK	23.35	27.65
10MHz	1 RB mid	1905	QPSK	23.24	27.53
10MHz	1 RB high	1905	QPSK	23.16	27.43
10MHz	100% RB	1905	QPSK	22.33	28.24
10MHz	1 RB low	1905	16QAM	22.48	27.67
10MHz	1 RB mid	1905	16QAM	22.53	27.57
10MHz	1 RB high	1905	16QAM	22.44	27.47
10MHz	100% RB	1905	16QAM	21.36	28.20
15MHz	1 RB low	1857.5	QPSK	23.39	27.53
15MHz	1 RB mid	1857.5	QPSK	23.34	27.61
15MHz	1 RB high	1857.5	QPSK	23.27	27.60
15MHz	100% RB	1857.5	QPSK	22.34	28.29
15MHz	1 RB low	1857.5	16QAM	22.62	27.58
15MHz	1 RB mid	1857.5	16QAM	22.64	27.67
15MHz	1 RB high	1857.5	16QAM	22.57	27.62
15MHz	100% RB	1857.5	16QAM	21.33	28.15
15MHz	1 RB low	1880	QPSK	23.26	27.36
15MHz	1 RB mid	1880	QPSK	23.16	27.25
15MHz	1 RB high	1880	QPSK	23.11	27.33
15MHz	100% RB	1880	QPSK	22.07	27.97
15MHz	1 RB low	1880	16QAM	22.27	27.33
15MHz	1 RB mid	1880	16QAM	22.26	27.24

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15MHz	1 RB high	1880	16QAM	22.21	27.38
15MHz	100% RB	1880	16QAM	21.15	27.97
15MHz	1 RB low	1902.5	QPSK	23.18	27.50
15MHz	1 RB mid	1902.5	QPSK	23.18	27.48
15MHz	1 RB high	1902.5	QPSK	23.01	27.33
15MHz	100% RB	1902.5	QPSK	22.22	28.19
15MHz	1 RB low	1902.5	16QAM	22.23	27.41
15MHz	1 RB mid	1902.5	16QAM	22.25	27.44
15MHz	1 RB high	1902.5	16QAM	22.15	27.28
15MHz	100% RB	1902.5	16QAM	21.19	28.19
20MHz	1 RB low	1860	QPSK	23.50	27.58
20MHz	1 RB mid	1860	QPSK	23.44	27.67
20MHz	1 RB high	1860	QPSK	23.35	27.50
20MHz	100% RB	1860	QPSK	22.36	28.20
20MHz	1 RB low	1860	16QAM	22.70	27.56
20MHz	1 RB mid	1860	16QAM	22.61	27.71
20MHz	1 RB high	1860	16QAM	22.44	27.49
20MHz	100% RB	1860	16QAM	21.34	28.23
20MHz	1 RB low	1880	QPSK	23.25	27.44
20MHz	1 RB mid	1880	QPSK	23.06	27.28
20MHz	1 RB high	1880	QPSK	23.04	27.37
20MHz	100% RB	1880	QPSK	22.14	27.93
20MHz	1 RB low	1880	16QAM	22.22	27.38
20MHz	1 RB mid	1880	16QAM	22.47	27.44
20MHz	1 RB high	1880	16QAM	22.24	27.42
20MHz	100% RB	1880	16QAM	21.16	28.04
20MHz	1 RB low	1900	QPSK	23.07	27.39
20MHz	1 RB mid	1900	QPSK	23.16	27.51
20MHz	1 RB high	1900	QPSK	23.02	27.31
20MHz	100% RB	1900	QPSK	22.20	28.08
20MHz	1 RB low	1900	16QAM	22.47	27.44
20MHz	1 RB mid	1900	16QAM	22.49	27.55
20MHz	1 RB high	1900	16QAM	22.21	27.32
20MHz	100% RB	1900	16QAM	21.16	28.10

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LTE band 4

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Power (dBm)	Peak Power (dBm)
1.4MHz	1 RB low	1710.7	QPSK	23.84	27.85
1.4MHz	1 RB mid	1710.7	QPSK	23.93	27.84
1.4MHz	1 RB high	1710.7	QPSK	23.77	27.77
1.4MHz	100% RB	1710.7	QPSK	22.82	28.27
1.4MHz	1 RB low	1710.7	16QAM	22.95	27.81
1.4MHz	1 RB mid	1710.7	16QAM	23.03	27.81
1.4MHz	1 RB high	1710.7	16QAM	22.87	27.83
1.4MHz	100% RB	1710.7	16QAM	21.92	28.21
1.4MHz	1 RB low	1732.5	QPSK	23.76	27.51
1.4MHz	1 RB mid	1732.5	QPSK	23.74	27.50
1.4MHz	1 RB high	1732.5	QPSK	23.77	27.55
1.4MHz	100% RB	1732.5	QPSK	22.70	27.98
1.4MHz	1 RB low	1732.5	16QAM	22.90	27.51
1.4MHz	1 RB mid	1732.5	16QAM	22.95	27.54
1.4MHz	1 RB high	1732.5	16QAM	22.83	27.56
1.4MHz	100% RB	1732.5	16QAM	21.80	28.07
1.4MHz	1 RB low	1754.3	QPSK	23.57	27.52
1.4MHz	1 RB mid	1754.3	QPSK	23.65	27.50
1.4MHz	1 RB high	1754.3	QPSK	23.60	27.52
1.4MHz	100% RB	1754.3	QPSK	22.63	28.10
1.4MHz	1 RB low	1754.3	16QAM	22.66	27.49
1.4MHz	1 RB mid	1754.3	16QAM	22.71	27.52
1.4MHz	1 RB high	1754.3	16QAM	22.69	27.51
1.4MHz	100% RB	1754.3	16QAM	21.65	27.89
3MHz	1 RB low	1711.5	QPSK	23.74	27.80
3MHz	1 RB mid	1711.5	QPSK	23.84	27.84
3MHz	1 RB high	1711.5	QPSK	23.72	27.79
3MHz	100% RB	1711.5	QPSK	22.85	28.24
3MHz	1 RB low	1711.5	16QAM	22.97	27.84
3MHz	1 RB mid	1711.5	16QAM	23.04	27.79
3MHz	1 RB high	1711.5	16QAM	22.79	27.89
3MHz	100% RB	1711.5	16QAM	21.93	28.34
3MHz	1 RB low	1732.5	QPSK	23.78	27.50
3MHz	1 RB mid	1732.5	QPSK	23.87	27.52
3MHz	1 RB high	1732.5	QPSK	23.76	27.48
3MHz	100% RB	1732.5	QPSK	22.76	28.03

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3MHz	1 RB low	1732.5	16QAM	22.85	27.55
3MHz	1 RB mid	1732.5	16QAM	22.90	27.49
3MHz	1 RB high	1732.5	16QAM	22.77	27.55
3MHz	100% RB	1732.5	16QAM	21.73	28.00
3MHz	1 RB low	1753.5	QPSK	23.58	27.51
3MHz	1 RB mid	1753.5	QPSK	23.64	27.52
3MHz	1 RB high	1753.5	QPSK	23.57	27.47
3MHz	100% RB	1753.5	QPSK	22.69	28.05
3MHz	1 RB low	1753.5	16QAM	22.89	27.62
3MHz	1 RB mid	1753.5	16QAM	22.77	27.52
3MHz	1 RB high	1753.5	16QAM	22.81	27.59
3MHz	100% RB	1753.5	16QAM	21.66	28.14
5MHz	1 RB low	1712.5	QPSK	23.87	27.92
5MHz	1 RB mid	1712.5	QPSK	23.95	27.90
5MHz	1 RB high	1712.5	QPSK	23.92	28.00
5MHz	100% RB	1712.5	QPSK	22.91	28.48
5MHz	1 RB low	1712.5	16QAM	22.98	27.83
5MHz	1 RB mid	1712.5	16QAM	22.93	27.85
5MHz	1 RB high	1712.5	16QAM	23.03	27.95
5MHz	100% RB	1712.5	16QAM	21.93	28.49
5MHz	1 RB low	1732.5	QPSK	23.83	27.61
5MHz	1 RB mid	1732.5	QPSK	23.90	27.56
5MHz	1 RB high	1732.5	QPSK	23.82	27.65
5MHz	100% RB	1732.5	QPSK	22.79	28.19
5MHz	1 RB low	1732.5	16QAM	22.95	27.58
5MHz	1 RB mid	1732.5	16QAM	22.90	27.51
5MHz	1 RB high	1732.5	16QAM	22.96	27.63
5MHz	100% RB	1732.5	16QAM	21.79	28.17
5MHz	1 RB low	1752.5	QPSK	23.77	27.65
5MHz	1 RB mid	1752.5	QPSK	23.79	27.59
5MHz	1 RB high	1752.5	QPSK	23.72	27.63
5MHz	100% RB	1752.5	QPSK	22.70	28.23
5MHz	1 RB low	1752.5	16QAM	22.89	27.60
5MHz	1 RB mid	1752.5	16QAM	22.89	27.49
5MHz	1 RB high	1752.5	16QAM	22.91	27.58
5MHz	100% RB	1752.5	16QAM	21.74	28.23
10MHz	1 RB low	1715	QPSK	23.76	27.91
10MHz	1 RB mid	1715	QPSK	23.82	27.90

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10MHz	1 RB high	1715	QPSK	23.75	27.90
10MHz	100% RB	1715	QPSK	22.90	28.71
10MHz	1 RB low	1715	16QAM	23.01	27.84
10MHz	1 RB mid	1715	16QAM	22.93	27.81
10MHz	1 RB high	1715	16QAM	22.93	27.94
10MHz	100% RB	1715	16QAM	21.91	28.56
10MHz	1 RB low	1732.5	QPSK	23.79	27.64
10MHz	1 RB mid	1732.5	QPSK	23.85	27.58
10MHz	1 RB high	1732.5	QPSK	23.82	27.58
10MHz	100% RB	1732.5	QPSK	22.81	28.28
10MHz	1 RB low	1732.5	16QAM	22.84	27.55
10MHz	1 RB mid	1732.5	16QAM	22.98	27.56
10MHz	1 RB high	1732.5	16QAM	22.92	27.56
10MHz	100% RB	1732.5	16QAM	21.83	28.27
10MHz	1 RB low	1750	QPSK	23.56	27.50
10MHz	1 RB mid	1750	QPSK	23.61	27.53
10MHz	1 RB high	1750	QPSK	23.54	27.51
10MHz	100% RB	1750	QPSK	22.58	28.09
10MHz	1 RB low	1750	16QAM	22.85	27.50
10MHz	1 RB mid	1750	16QAM	22.83	27.49
10MHz	1 RB high	1750	16QAM	22.76	27.55
10MHz	100% RB	1750	16QAM	21.63	28.22
15MHz	1 RB low	1717.5	QPSK	23.69	27.88
15MHz	1 RB mid	1717.5	QPSK	23.71	27.88
15MHz	1 RB high	1717.5	QPSK	23.69	27.78
15MHz	100% RB	1717.5	QPSK	22.77	28.62
15MHz	1 RB low	1717.5	16QAM	22.77	27.83
15MHz	1 RB mid	1717.5	16QAM	22.93	27.85
15MHz	1 RB high	1717.5	16QAM	22.85	27.81
15MHz	100% RB	1717.5	16QAM	21.79	28.60
15MHz	1 RB low	1732.5	QPSK	23.67	27.62
15MHz	1 RB mid	1732.5	QPSK	23.75	27.55
15MHz	1 RB high	1732.5	QPSK	23.68	27.52
15MHz	100% RB	1732.5	QPSK	22.67	28.32
15MHz	1 RB low	1732.5	16QAM	22.83	27.64
15MHz	1 RB mid	1732.5	16QAM	22.82	27.56
15MHz	1 RB high	1732.5	16QAM	22.77	27.48
15MHz	100% RB	1732.5	16QAM	21.69	28.33

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15MHz	1 RB low	1747.5	QPSK	23.53	27.49
15MHz	1 RB mid	1747.5	QPSK	23.51	27.46
15MHz	1 RB high	1747.5	QPSK	23.45	27.53
15MHz	100% RB	1747.5	QPSK	22.50	28.21
15MHz	1 RB low	1747.5	16QAM	22.77	27.49
15MHz	1 RB mid	1747.5	16QAM	22.76	27.55
15MHz	1 RB high	1747.5	16QAM	22.71	27.60
15MHz	100% RB	1747.5	16QAM	21.57	28.29
20MHz	1 RB low	1720	QPSK	23.76	27.87
20MHz	1 RB mid	1720	QPSK	23.79	27.86
20MHz	1 RB high	1720	QPSK	23.90	27.79
20MHz	100% RB	1720	QPSK	22.79	28.48
20MHz	1 RB low	1720	16QAM	22.94	27.78
20MHz	1 RB mid	1720	16QAM	22.90	27.86
20MHz	1 RB high	1720	16QAM	23.08	27.83
20MHz	100% RB	1720	16QAM	21.79	28.52
20MHz	1 RB low	1732.5	QPSK	23.61	27.72
20MHz	1 RB mid	1732.5	QPSK	23.69	27.57
20MHz	1 RB high	1732.5	QPSK	23.62	27.60
20MHz	100% RB	1732.5	QPSK	22.69	28.31
20MHz	1 RB low	1732.5	16QAM	22.74	27.70
20MHz	1 RB mid	1732.5	16QAM	22.86	27.64
20MHz	1 RB high	1732.5	16QAM	22.76	27.65
20MHz	100% RB	1732.5	16QAM	21.69	28.32
20MHz	1 RB low	1745	QPSK	23.63	27.49
20MHz	1 RB mid	1745	QPSK	23.58	27.48
20MHz	1 RB high	1745	QPSK	23.53	27.58
20MHz	100% RB	1745	QPSK	22.66	28.27
20MHz	1 RB low	1745	16QAM	22.93	27.55
20MHz	1 RB mid	1745	16QAM	23.01	27.60
20MHz	1 RB high	1745	16QAM	22.77	27.59
20MHz	100% RB	1745	16QAM	21.61	28.19

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LTE band 5

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Power (dBm)	Peak Power (dBm)
1.4MHz	1 RB low	824.7	QPSK	23.97	27.43
1.4MHz	1 RB mid	824.7	QPSK	23.96	27.35
1.4MHz	1 RB high	824.7	QPSK	23.94	27.37
1.4MHz	100% RB	824.7	QPSK	23.98	28.71
1.4MHz	1 RB low	824.7	16QAM	24.01	27.88
1.4MHz	1 RB mid	824.7	16QAM	23.99	27.79
1.4MHz	1 RB high	824.7	16QAM	24.08	27.82
1.4MHz	100% RB	824.7	16QAM	23.05	28.43
1.4MHz	1 RB low	836.5	QPSK	24.88	28.74
1.4MHz	1 RB mid	836.5	QPSK	23.90	27.98
1.4MHz	1 RB high	836.5	QPSK	23.92	28.01
1.4MHz	100% RB	836.5	QPSK	23.93	29.27
1.4MHz	1 RB low	836.5	16QAM	24.02	28.69
1.4MHz	1 RB mid	836.5	16QAM	24.08	28.67
1.4MHz	1 RB high	836.5	16QAM	23.95	28.62
1.4MHz	100% RB	836.5	16QAM	22.91	29.28
1.4MHz	1 RB low	848.3	QPSK	23.80	27.86
1.4MHz	1 RB mid	848.3	QPSK	23.84	27.80
1.4MHz	1 RB high	848.3	QPSK	23.81	27.78
1.4MHz	100% RB	848.3	QPSK	23.87	29.12
1.4MHz	1 RB low	848.3	16QAM	24.19	28.57
1.4MHz	1 RB mid	848.3	16QAM	24.02	28.44
1.4MHz	1 RB high	848.3	16QAM	24.00	28.38
1.4MHz	100% RB	848.3	16QAM	22.79	28.93
3MHz	1 RB low	825.5	QPSK	23.91	27.42
3MHz	1 RB mid	825.5	QPSK	23.96	27.34
3MHz	1 RB high	825.5	QPSK	23.84	27.32
3MHz	100% RB	825.5	QPSK	23.98	28.66
3MHz	1 RB low	825.5	16QAM	24.24	27.97
3MHz	1 RB mid	825.5	16QAM	24.11	27.77
3MHz	1 RB high	825.5	16QAM	24.04	27.83
3MHz	100% RB	825.5	16QAM	23.02	28.57
3MHz	1 RB low	836.5	QPSK	23.84	28.00
3MHz	1 RB mid	836.5	QPSK	23.99	28.01
3MHz	1 RB high	836.5	QPSK	23.92	27.90
3MHz	100% RB	836.5	QPSK	23.93	29.20

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3MHz	1 RB low	836.5	16QAM	23.98	28.79
3MHz	1 RB mid	836.5	16QAM	24.08	28.67
3MHz	1 RB high	836.5	16QAM	23.92	28.60
3MHz	100% RB	836.5	16QAM	22.97	29.05
3MHz	1 RB low	847.5	QPSK	23.74	27.73
3MHz	1 RB mid	847.5	QPSK	23.87	27.86
3MHz	1 RB high	847.5	QPSK	23.83	27.78
3MHz	100% RB	847.5	QPSK	23.85	29.06
3MHz	1 RB low	847.5	16QAM	23.85	28.45
3MHz	1 RB mid	847.5	16QAM	24.04	28.47
3MHz	1 RB high	847.5	16QAM	23.94	28.42
3MHz	100% RB	847.5	16QAM	22.84	28.84
5MHz	1 RB low	826.5	QPSK	24.12	27.52
5MHz	1 RB mid	826.5	QPSK	24.08	27.42
5MHz	1 RB high	826.5	QPSK	23.96	27.54
5MHz	100% RB	826.5	QPSK	24.03	28.81
5MHz	1 RB low	826.5	16QAM	24.23	27.97
5MHz	1 RB mid	826.5	16QAM	24.03	27.78
5MHz	1 RB high	826.5	16QAM	24.08	27.96
5MHz	100% RB	826.5	16QAM	23.03	28.78
5MHz	1 RB low	836.5	QPSK	24.05	28.19
5MHz	1 RB mid	836.5	QPSK	24.00	28.02
5MHz	1 RB high	836.5	QPSK	24.01	27.90
5MHz	100% RB	836.5	QPSK	23.98	29.40
5MHz	1 RB low	836.5	16QAM	24.13	28.81
5MHz	1 RB mid	836.5	16QAM	24.17	28.69
5MHz	1 RB high	836.5	16QAM	24.08	28.49
5MHz	100% RB	836.5	16QAM	23.00	29.33
5MHz	1 RB low	846.5	QPSK	23.94	27.72
5MHz	1 RB mid	846.5	QPSK	23.97	27.91
5MHz	1 RB high	846.5	QPSK	23.93	27.87
5MHz	100% RB	846.5	QPSK	23.92	29.21
5MHz	1 RB low	846.5	16QAM	24.03	28.18
5MHz	1 RB mid	846.5	16QAM	24.11	28.42
5MHz	1 RB high	846.5	16QAM	24.01	28.35
5MHz	100% RB	846.5	16QAM	22.90	29.10
10MHz	1 RB low	829	QPSK	24.03	27.53
10MHz	1 RB mid	829	QPSK	23.89	27.55

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10MHz	1 RB high	829	QPSK	23.78	27.92
10MHz	100% RB	829	QPSK	24.02	29.04
10MHz	1 RB low	829	16QAM	24.23	27.98
10MHz	1 RB mid	829	16QAM	24.14	28.05
10MHz	1 RB high	829	16QAM	24.04	28.66
10MHz	100% RB	829	16QAM	22.99	28.94
10MHz	1 RB low	836.5	QPSK	23.93	27.98
10MHz	1 RB mid	836.5	QPSK	23.91	28.02
10MHz	1 RB high	836.5	QPSK	23.88	27.60
10MHz	100% RB	836.5	QPSK	24.00	29.25
10MHz	1 RB low	836.5	16QAM	24.06	28.59
10MHz	1 RB mid	836.5	16QAM	24.00	28.68
10MHz	1 RB high	836.5	16QAM	24.05	28.14
10MHz	100% RB	836.5	16QAM	23.01	29.29
10MHz	1 RB low	844	QPSK	23.99	27.82
10MHz	1 RB mid	844	QPSK	23.84	27.60
10MHz	1 RB high	844	QPSK	23.77	27.80
10MHz	100% RB	844	QPSK	23.94	29.19
10MHz	1 RB low	844	16QAM	24.15	28.40
10MHz	1 RB mid	844	16QAM	24.02	28.09
10MHz	1 RB high	844	16QAM	23.99	28.44
10MHz	100% RB	844	16QAM	22.90	29.03

LTE band 7

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Power (dBm)	Peak Power (dBm)
5MHz	1 RB low	2502.5	QPSK	22.51	26.72
5MHz	1 RB mid	2502.5	QPSK	22.68	26.67
5MHz	1 RB high	2502.5	QPSK	22.65	26.60
5MHz	100% RB	2502.5	QPSK	21.60	27.22
5MHz	1 RB low	2502.5	16QAM	21.67	26.65
5MHz	1 RB mid	2502.5	16QAM	21.80	26.71
5MHz	1 RB high	2502.5	16QAM	21.76	26.55
5MHz	100% RB	2502.5	16QAM	20.66	27.27
5MHz	1 RB low	2535	QPSK	22.65	26.97
5MHz	1 RB mid	2535	QPSK	22.79	27.03
5MHz	1 RB high	2535	QPSK	22.78	27.08
5MHz	100% RB	2535	QPSK	21.65	27.36
5MHz	1 RB low	2535	16QAM	21.76	26.94
5MHz	1 RB mid	2535	16QAM	22.03	27.03
5MHz	1 RB high	2535	16QAM	22.03	27.06
5MHz	100% RB	2535	16QAM	20.68	27.36
5MHz	1 RB low	2567.5	QPSK	22.72	26.74
5MHz	1 RB mid	2567.5	QPSK	22.73	26.70
5MHz	1 RB high	2567.5	QPSK	22.73	26.69
5MHz	100% RB	2567.5	QPSK	21.64	27.20
5MHz	1 RB low	2567.5	16QAM	21.79	26.73
5MHz	1 RB mid	2567.5	16QAM	21.87	26.66
5MHz	1 RB high	2567.5	16QAM	21.78	26.59
5MHz	100% RB	2567.5	16QAM	20.66	27.21
10MHz	1 RB low	2505	QPSK	22.52	26.82
10MHz	1 RB mid	2505	QPSK	22.71	26.66
10MHz	1 RB high	2505	QPSK	22.74	26.47
10MHz	100% RB	2505	QPSK	21.68	27.18
10MHz	1 RB low	2505	16QAM	21.75	26.82
10MHz	1 RB mid	2505	16QAM	21.90	26.59
10MHz	1 RB high	2505	16QAM	21.98	26.48
10MHz	100% RB	2505	16QAM	20.72	27.17
10MHz	1 RB low	2535	QPSK	22.73	27.08
10MHz	1 RB mid	2535	QPSK	22.86	27.14
10MHz	1 RB high	2535	QPSK	22.97	27.20
10MHz	100% RB	2535	QPSK	21.77	27.66

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10MHz	1 RB low	2535	16QAM	21.78	27.08
10MHz	1 RB mid	2535	16QAM	21.87	27.09
10MHz	1 RB high	2535	16QAM	22.02	27.20
10MHz	100% RB	2535	16QAM	20.76	27.51
10MHz	1 RB low	2565	QPSK	22.81	26.92
10MHz	1 RB mid	2565	QPSK	22.80	26.83
10MHz	1 RB high	2565	QPSK	22.73	26.76
10MHz	100% RB	2565	QPSK	21.82	27.51
10MHz	1 RB low	2565	16QAM	22.04	26.84
10MHz	1 RB mid	2565	16QAM	22.04	26.86
10MHz	1 RB high	2565	16QAM	21.92	26.74
10MHz	100% RB	2565	16QAM	20.88	27.47
15MHz	1 RB low	2507.5	QPSK	22.38	26.73
15MHz	1 RB mid	2507.5	QPSK	22.56	26.49
15MHz	1 RB high	2507.5	QPSK	22.41	26.28
15MHz	100% RB	2507.5	QPSK	21.60	27.21
15MHz	1 RB low	2507.5	16QAM	21.62	26.74
15MHz	1 RB mid	2507.5	16QAM	21.71	26.44
15MHz	1 RB high	2507.5	16QAM	21.74	26.37
15MHz	100% RB	2507.5	16QAM	20.61	27.22
15MHz	1 RB low	2535	QPSK	22.50	26.91
15MHz	1 RB mid	2535	QPSK	22.62	26.98
15MHz	1 RB high	2535	QPSK	22.70	27.02
15MHz	100% RB	2535	QPSK	21.62	27.57
15MHz	1 RB low	2535	16QAM	21.54	26.88
15MHz	1 RB mid	2535	16QAM	21.66	26.96
15MHz	1 RB high	2535	16QAM	21.71	27.05
15MHz	100% RB	2535	16QAM	20.60	27.50
15MHz	1 RB low	2562.5	QPSK	22.72	26.91
15MHz	1 RB mid	2562.5	QPSK	22.64	26.77
15MHz	1 RB high	2562.5	QPSK	22.52	26.63
15MHz	100% RB	2562.5	QPSK	21.66	27.50
15MHz	1 RB low	2562.5	16QAM	21.86	26.84
15MHz	1 RB mid	2562.5	16QAM	21.84	26.84
15MHz	1 RB high	2562.5	16QAM	21.66	26.64
15MHz	100% RB	2562.5	16QAM	20.65	27.44
20MHz	1 RB low	2510	QPSK	22.45	26.72
20MHz	1 RB mid	2510	QPSK	22.58	26.41

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20MHz	1 RB high	2510	QPSK	22.49	26.47
20MHz	100% RB	2510	QPSK	21.61	27.10
20MHz	1 RB low	2510	16QAM	21.60	26.76
20MHz	1 RB mid	2510	16QAM	21.86	26.42
20MHz	1 RB high	2510	16QAM	21.80	26.57
20MHz	100% RB	2510	16QAM	20.65	27.10
20MHz	1 RB low	2535	QPSK	22.42	26.82
20MHz	1 RB mid	2535	QPSK	22.58	27.01
20MHz	1 RB high	2535	QPSK	22.76	27.12
20MHz	100% RB	2535	QPSK	21.63	27.53
20MHz	1 RB low	2535	16QAM	21.34	26.74
20MHz	1 RB mid	2535	16QAM	21.68	27.03
20MHz	1 RB high	2535	16QAM	21.73	27.07
20MHz	100% RB	2535	16QAM	20.64	27.55
20MHz	1 RB low	2560	QPSK	22.80	27.03
20MHz	1 RB mid	2560	QPSK	22.68	26.80
20MHz	1 RB high	2560	QPSK	22.52	26.66
20MHz	100% RB	2560	QPSK	21.80	27.46
20MHz	1 RB low	2560	16QAM	21.99	26.94
20MHz	1 RB mid	2560	16QAM	22.01	26.88
20MHz	1 RB high	2560	16QAM	21.79	26.69
20MHz	100% RB	2560	16QAM	21.07	27.37

LTE band 12

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Power (dBm)	Peak Power (dBm)
1.4MHz	1 RB low	699.7	QPSK	24.14	27.87
1.4MHz	1 RB mid	699.7	QPSK	23.10	27.06
1.4MHz	1 RB high	699.7	QPSK	23.06	27.09
1.4MHz	100% RB	699.7	QPSK	23.10	28.39
1.4MHz	1 RB low	699.7	16QAM	23.16	27.79
1.4MHz	1 RB mid	699.7	16QAM	23.25	27.68
1.4MHz	1 RB high	699.7	16QAM	23.17	27.65
1.4MHz	100% RB	699.7	16QAM	22.08	27.96
1.4MHz	1 RB low	707.5	QPSK	23.04	27.36
1.4MHz	1 RB mid	707.5	QPSK	23.06	27.37
1.4MHz	1 RB high	707.5	QPSK	23.04	27.41
1.4MHz	100% RB	707.5	QPSK	23.00	28.63
1.4MHz	1 RB low	707.5	16QAM	23.33	28.11
1.4MHz	1 RB mid	707.5	16QAM	23.23	28.10
1.4MHz	1 RB high	707.5	16QAM	23.18	28.14
1.4MHz	100% RB	707.5	16QAM	22.13	28.54
1.4MHz	1 RB low	715.3	QPSK	23.13	27.16
1.4MHz	1 RB mid	715.3	QPSK	23.08	27.04
1.4MHz	1 RB high	715.3	QPSK	22.99	27.01
1.4MHz	100% RB	715.3	QPSK	23.05	28.42
1.4MHz	1 RB low	715.3	16QAM	23.11	27.76
1.4MHz	1 RB mid	715.3	16QAM	23.10	27.66
1.4MHz	1 RB high	715.3	16QAM	23.03	27.55
1.4MHz	100% RB	715.3	16QAM	22.07	27.97
3MHz	1 RB low	700.5	QPSK	23.02	27.11
3MHz	1 RB mid	700.5	QPSK	23.03	27.02
3MHz	1 RB high	700.5	QPSK	22.96	26.93
3MHz	100% RB	700.5	QPSK	23.10	28.29
3MHz	1 RB low	700.5	16QAM	23.17	27.86
3MHz	1 RB mid	700.5	16QAM	23.30	27.67
3MHz	1 RB high	700.5	16QAM	23.20	27.68
3MHz	100% RB	700.5	16QAM	22.10	28.22
3MHz	1 RB low	707.5	QPSK	23.10	27.25
3MHz	1 RB mid	707.5	QPSK	23.13	27.39
3MHz	1 RB high	707.5	QPSK	23.03	27.32
3MHz	100% RB	707.5	QPSK	23.04	28.48

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3MHz	1 RB low	707.5	16QAM	23.13	28.03
3MHz	1 RB mid	707.5	16QAM	23.26	28.16
3MHz	1 RB high	707.5	16QAM	23.10	28.17
3MHz	100% RB	707.5	16QAM	22.02	28.38
3MHz	1 RB low	714.5	QPSK	23.10	27.37
3MHz	1 RB mid	714.5	QPSK	23.15	27.14
3MHz	1 RB high	714.5	QPSK	22.99	26.93
3MHz	100% RB	714.5	QPSK	23.02	28.33
3MHz	1 RB low	714.5	16QAM	23.28	28.16
3MHz	1 RB mid	714.5	16QAM	23.22	27.80
3MHz	1 RB high	714.5	16QAM	23.31	27.66
3MHz	100% RB	714.5	16QAM	22.01	28.30
5MHz	1 RB low	701.5	QPSK	23.09	27.20
5MHz	1 RB mid	701.5	QPSK	23.11	27.05
5MHz	1 RB high	701.5	QPSK	23.09	27.02
5MHz	100% RB	701.5	QPSK	23.13	28.36
5MHz	1 RB low	701.5	16QAM	23.25	27.84
5MHz	1 RB mid	701.5	16QAM	23.14	27.59
5MHz	1 RB high	701.5	16QAM	23.19	27.72
5MHz	100% RB	701.5	16QAM	22.17	28.35
5MHz	1 RB low	707.5	QPSK	23.14	27.26
5MHz	1 RB mid	707.5	QPSK	23.19	27.43
5MHz	1 RB high	707.5	QPSK	23.14	27.53
5MHz	100% RB	707.5	QPSK	23.07	28.58
5MHz	1 RB low	707.5	16QAM	23.18	27.80
5MHz	1 RB mid	707.5	16QAM	23.34	28.18
5MHz	1 RB high	707.5	16QAM	23.17	28.25
5MHz	100% RB	707.5	16QAM	22.05	28.57
5MHz	1 RB low	713.5	QPSK	23.14	27.60
5MHz	1 RB mid	713.5	QPSK	23.16	27.38
5MHz	1 RB high	713.5	QPSK	23.07	27.06
5MHz	100% RB	713.5	QPSK	23.11	28.65
5MHz	1 RB low	713.5	16QAM	23.39	28.23
5MHz	1 RB mid	713.5	16QAM	23.30	28.02
5MHz	1 RB high	713.5	16QAM	23.21	27.61
5MHz	100% RB	713.5	16QAM	22.13	28.65
10MHz	1 RB low	704	QPSK	23.08	27.17
10MHz	1 RB mid	704	QPSK	23.05	26.98

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10MHz	1 RB high	704	QPSK	23.01	27.45
10MHz	100% RB	704	QPSK	23.14	28.53
10MHz	1 RB low	704	16QAM	23.21	27.78
10MHz	1 RB mid	704	16QAM	23.27	27.75
10MHz	1 RB high	704	16QAM	23.25	28.23
10MHz	100% RB	704	16QAM	22.13	28.40
10MHz	1 RB low	707.5	QPSK	23.14	27.02
10MHz	1 RB mid	707.5	QPSK	23.11	27.41
10MHz	1 RB high	707.5	QPSK	23.09	27.54
10MHz	100% RB	707.5	QPSK	23.06	28.76
10MHz	1 RB low	707.5	16QAM	23.22	27.57
10MHz	1 RB mid	707.5	16QAM	23.20	28.13
10MHz	1 RB high	707.5	16QAM	23.14	28.16
10MHz	100% RB	707.5	16QAM	22.08	28.62
10MHz	1 RB low	711	QPSK	23.09	27.40
10MHz	1 RB mid	711	QPSK	23.06	27.49
10MHz	1 RB high	711	QPSK	22.98	27.03
10MHz	100% RB	711	QPSK	23.15	28.87
10MHz	1 RB low	711	16QAM	23.19	28.05
10MHz	1 RB mid	711	16QAM	23.31	28.22
10MHz	1 RB high	711	16QAM	23.21	27.70
10MHz	100% RB	711	16QAM	22.13	28.77

LTE band 13

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Power (dBm)	Peak Power (dBm)
5MHz	1 RB low	779.5	QPSK	24.14	28.46
5MHz	1 RB mid	779.5	QPSK	24.09	28.16
5MHz	1 RB high	779.5	QPSK	24.09	28.66
5MHz	100% RB	779.5	QPSK	23.09	28.77
5MHz	1 RB low	779.5	16QAM	23.23	28.38
5MHz	1 RB mid	779.5	16QAM	23.27	28.16
5MHz	1 RB high	779.5	16QAM	23.14	28.61
5MHz	100% RB	779.5	16QAM	22.09	28.85
5MHz	1 RB low	782	QPSK	24.06	28.21
5MHz	1 RB mid	782	QPSK	24.18	28.63
5MHz	1 RB high	782	QPSK	24.13	28.47
5MHz	100% RB	782	QPSK	23.02	28.97
5MHz	1 RB low	782	16QAM	23.25	28.15
5MHz	1 RB mid	782	16QAM	23.32	28.60
5MHz	1 RB high	782	16QAM	23.34	28.48
5MHz	100% RB	782	16QAM	22.02	29.08
5MHz	1 RB low	784.5	QPSK	24.15	28.68
5MHz	1 RB mid	784.5	QPSK	24.22	28.36
5MHz	1 RB high	784.5	QPSK	24.14	27.93
5MHz	100% RB	784.5	QPSK	23.18	28.91
5MHz	1 RB low	784.5	16QAM	23.40	28.67
5MHz	1 RB mid	784.5	16QAM	23.41	28.32
5MHz	1 RB high	784.5	16QAM	23.31	27.87
5MHz	100% RB	784.5	16QAM	22.13	28.88
10MHz	1 RB low	782	QPSK	24.02	28.25
10MHz	1 RB mid	782	QPSK	24.09	28.62
10MHz	1 RB high	782	QPSK	24.06	27.95
10MHz	100% RB	782	QPSK	23.18	29.29
10MHz	1 RB low	782	16QAM	23.32	28.36
10MHz	1 RB mid	782	16QAM	23.20	28.51
10MHz	1 RB high	782	16QAM	23.27	27.97
10MHz	100% RB	782	16QAM	22.16	29.07
10MHz	1 RB low	782	QPSK	24.03	28.38
10MHz	1 RB mid	782	QPSK	24.09	28.60
10MHz	1 RB high	782	QPSK	24.07	27.94
10MHz	100% RB	782	QPSK	23.13	29.21

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10MHz	1 RB low	782	16QAM	23.20	28.38
10MHz	1 RB mid	782	16QAM	23.29	28.55
10MHz	1 RB high	782	16QAM	23.30	27.94
10MHz	100% RB	782	16QAM	22.21	29.22
10MHz	1 RB low	782	QPSK	24.04	28.40
10MHz	1 RB mid	782	QPSK	24.05	28.59
10MHz	1 RB high	782	QPSK	24.07	27.91
10MHz	100% RB	782	QPSK	23.15	29.25
10MHz	1 RB low	782	16QAM	23.27	28.42
10MHz	1 RB mid	782	16QAM	23.32	28.56
10MHz	1 RB high	782	16QAM	23.30	27.98
10MHz	100% RB	782	16QAM	22.15	29.15

LTE band 14

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Power (dBm)	Peak Power (dBm)
5MHz	1 RB low	790.5	QPSK	24.21	28.04
5MHz	1 RB mid	790.5	QPSK	24.13	28.39
5MHz	1 RB high	790.5	QPSK	24.06	28.58
5MHz	100% RB	790.5	QPSK	23.09	28.83
5MHz	1 RB low	790.5	16QAM	23.39	27.93
5MHz	1 RB mid	790.5	16QAM	23.28	28.40
5MHz	1 RB high	790.5	16QAM	23.23	28.55
5MHz	100% RB	790.5	16QAM	22.15	28.79
5MHz	1 RB low	793	QPSK	24.20	28.57
5MHz	1 RB mid	793	QPSK	24.18	28.53
5MHz	1 RB high	793	QPSK	24.11	28.27
5MHz	100% RB	793	QPSK	23.07	28.88
5MHz	1 RB low	793	16QAM	23.41	28.53
5MHz	1 RB mid	793	16QAM	23.38	28.49
5MHz	1 RB high	793	16QAM	23.35	28.24
5MHz	100% RB	793	16QAM	22.05	28.89
5MHz	1 RB low	795.5	QPSK	24.19	28.59
5MHz	1 RB mid	795.5	QPSK	24.18	28.19
5MHz	1 RB high	795.5	QPSK	24.11	27.97
5MHz	100% RB	795.5	QPSK	23.14	28.87
5MHz	1 RB low	795.5	16QAM	23.28	28.55
5MHz	1 RB mid	795.5	16QAM	23.29	28.12
5MHz	1 RB high	795.5	16QAM	23.24	27.90
5MHz	100% RB	795.5	16QAM	22.13	28.76
10MHz	1 RB low	793	QPSK	24.16	28.05
10MHz	1 RB mid	793	QPSK	24.07	28.53
10MHz	1 RB high	793	QPSK	23.98	27.91
10MHz	100% RB	793	QPSK	23.08	28.93
10MHz	1 RB low	793	16QAM	23.35	28.02
10MHz	1 RB mid	793	16QAM	23.26	28.53
10MHz	1 RB high	793	16QAM	23.20	27.99
10MHz	100% RB	793	16QAM	22.09	28.91
10MHz	1 RB low	793	QPSK	24.16	28.02
10MHz	1 RB mid	793	QPSK	24.08	28.52
10MHz	1 RB high	793	QPSK	24.04	27.91
10MHz	100% RB	793	QPSK	23.07	28.94

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10MHz	1 RB low	793	16QAM	23.18	27.95
10MHz	1 RB mid	793	16QAM	23.38	28.52
10MHz	1 RB high	793	16QAM	23.21	27.99
10MHz	100% RB	793	16QAM	22.08	28.89
10MHz	1 RB low	793	QPSK	24.09	28.00
10MHz	1 RB mid	793	QPSK	24.06	28.52
10MHz	1 RB high	793	QPSK	24.04	28.01
10MHz	100% RB	793	QPSK	23.09	28.92
10MHz	1 RB low	793	16QAM	23.29	27.94
10MHz	1 RB mid	793	16QAM	23.25	28.53
10MHz	1 RB high	793	16QAM	23.14	27.91
10MHz	100% RB	793	16QAM	22.08	28.81

LTE band 17

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Power (dBm)	Peak Power (dBm)
5MHz	1 RB low	706.5	QPSK	23.20	27.28
5MHz	1 RB mid	706.5	QPSK	23.16	27.35
5MHz	1 RB high	706.5	QPSK	23.16	27.45
5MHz	100% RB	706.5	QPSK	23.12	28.59
5MHz	1 RB low	706.5	16QAM	23.16	27.84
5MHz	1 RB mid	706.5	16QAM	23.34	28.09
5MHz	1 RB high	706.5	16QAM	23.30	28.15
5MHz	100% RB	706.5	16QAM	22.22	28.77
5MHz	1 RB low	710	QPSK	23.25	27.54
5MHz	1 RB mid	710	QPSK	23.23	27.55
5MHz	1 RB high	710	QPSK	23.13	27.59
5MHz	100% RB	710	QPSK	23.12	28.72
5MHz	1 RB low	710	16QAM	23.44	28.23
5MHz	1 RB mid	710	16QAM	23.35	28.19
5MHz	1 RB high	710	16QAM	23.32	28.26
5MHz	100% RB	710	16QAM	22.12	28.67
5MHz	1 RB low	713.5	QPSK	23.31	27.67
5MHz	1 RB mid	713.5	QPSK	23.16	27.39
5MHz	1 RB high	713.5	QPSK	23.10	27.05
5MHz	100% RB	713.5	QPSK	23.20	28.72
5MHz	1 RB low	713.5	16QAM	23.48	28.34
5MHz	1 RB mid	713.5	16QAM	23.35	28.06
5MHz	1 RB high	713.5	16QAM	23.21	27.63
5MHz	100% RB	713.5	16QAM	22.24	28.78
10MHz	1 RB low	709	QPSK	23.06	27.23
10MHz	1 RB mid	709	QPSK	23.10	27.41
10MHz	1 RB high	709	QPSK	23.12	27.49
10MHz	100% RB	709	QPSK	23.15	28.87
10MHz	1 RB low	709	16QAM	23.27	27.93
10MHz	1 RB mid	709	16QAM	23.27	28.18
10MHz	1 RB high	709	16QAM	23.21	28.20
10MHz	100% RB	709	16QAM	22.14	28.76
10MHz	1 RB low	710	QPSK	23.06	27.28
10MHz	1 RB mid	710	QPSK	23.14	27.49
10MHz	1 RB high	710	QPSK	23.07	27.29
10MHz	100% RB	710	QPSK	23.10	28.84

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10MHz	1 RB low	710	16QAM	23.21	27.97
10MHz	1 RB mid	710	16QAM	23.26	28.24
10MHz	1 RB high	710	16QAM	23.29	28.03
10MHz	100% RB	710	16QAM	22.11	28.80
10MHz	1 RB low	711	QPSK	23.12	27.41
10MHz	1 RB mid	711	QPSK	23.12	27.54
10MHz	1 RB high	711	QPSK	23.02	27.06
10MHz	100% RB	711	QPSK	23.17	28.91
10MHz	1 RB low	711	16QAM	23.23	28.11
10MHz	1 RB mid	711	16QAM	23.20	28.25
10MHz	1 RB high	711	16QAM	23.16	27.69
10MHz	100% RB	711	16QAM	22.13	28.81

LTE band 25

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Power (dBm)	Peak Power (dBm)
1.4MHz	1 RB low	1850.7	QPSK	23.53	27.46
1.4MHz	1 RB mid	1850.7	QPSK	23.50	27.41
1.4MHz	1 RB high	1850.7	QPSK	23.49	27.45
1.4MHz	100% RB	1850.7	QPSK	22.49	27.91
1.4MHz	1 RB low	1850.7	16QAM	22.60	27.41
1.4MHz	1 RB mid	1850.7	16QAM	22.69	27.41
1.4MHz	1 RB high	1850.7	16QAM	22.59	27.45
1.4MHz	100% RB	1850.7	16QAM	21.49	27.83
1.4MHz	1 RB low	1882.5	QPSK	23.19	27.23
1.4MHz	1 RB mid	1882.5	QPSK	23.17	27.19
1.4MHz	1 RB high	1882.5	QPSK	23.16	27.24
1.4MHz	100% RB	1882.5	QPSK	22.19	27.67
1.4MHz	1 RB low	1882.5	16QAM	22.38	27.30
1.4MHz	1 RB mid	1882.5	16QAM	22.24	27.25
1.4MHz	1 RB high	1882.5	16QAM	22.39	27.29
1.4MHz	100% RB	1882.5	16QAM	21.17	27.77
1.4MHz	1 RB low	1914.3	QPSK	23.44	27.44
1.4MHz	1 RB mid	1914.3	QPSK	23.46	27.38
1.4MHz	1 RB high	1914.3	QPSK	23.33	27.39
1.4MHz	100% RB	1914.3	QPSK	22.38	28.00
1.4MHz	1 RB low	1914.3	16QAM	22.52	27.41
1.4MHz	1 RB mid	1914.3	16QAM	22.47	27.34
1.4MHz	1 RB high	1914.3	16QAM	22.50	27.39
1.4MHz	100% RB	1914.3	16QAM	21.41	27.79
3MHz	1 RB low	1851.5	QPSK	23.53	27.42
3MHz	1 RB mid	1851.5	QPSK	23.57	27.50
3MHz	1 RB high	1851.5	QPSK	23.41	27.42
3MHz	100% RB	1851.5	QPSK	22.47	27.82
3MHz	1 RB low	1851.5	16QAM	22.73	27.51
3MHz	1 RB mid	1851.5	16QAM	22.69	27.45
3MHz	1 RB high	1851.5	16QAM	22.64	27.61
3MHz	100% RB	1851.5	16QAM	21.46	27.93
3MHz	1 RB low	1882.5	QPSK	23.23	27.25
3MHz	1 RB mid	1882.5	QPSK	23.28	27.25
3MHz	1 RB high	1882.5	QPSK	23.19	27.29
3MHz	100% RB	1882.5	QPSK	22.26	27.71

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3MHz	1 RB low	1882.5	16QAM	22.39	27.34
3MHz	1 RB mid	1882.5	16QAM	22.41	27.28
3MHz	1 RB high	1882.5	16QAM	22.33	27.39
3MHz	100% RB	1882.5	16QAM	21.34	27.83
3MHz	1 RB low	1913.5	QPSK	23.51	27.53
3MHz	1 RB mid	1913.5	QPSK	23.50	27.46
3MHz	1 RB high	1913.5	QPSK	23.43	27.41
3MHz	100% RB	1913.5	QPSK	22.47	27.87
3MHz	1 RB low	1913.5	16QAM	22.58	27.62
3MHz	1 RB mid	1913.5	16QAM	22.65	27.46
3MHz	1 RB high	1913.5	16QAM	22.56	27.51
3MHz	100% RB	1913.5	16QAM	21.56	28.01
5MHz	1 RB low	1852.5	QPSK	23.64	27.57
5MHz	1 RB mid	1852.5	QPSK	23.59	27.55
5MHz	1 RB high	1852.5	QPSK	23.58	27.66
5MHz	100% RB	1852.5	QPSK	22.59	28.17
5MHz	1 RB low	1852.5	16QAM	22.68	27.49
5MHz	1 RB mid	1852.5	16QAM	22.71	27.51
5MHz	1 RB high	1852.5	16QAM	22.70	27.64
5MHz	100% RB	1852.5	16QAM	21.59	28.18
5MHz	1 RB low	1882.5	QPSK	23.34	27.37
5MHz	1 RB mid	1882.5	QPSK	23.37	27.33
5MHz	1 RB high	1882.5	QPSK	23.33	27.45
5MHz	100% RB	1882.5	QPSK	22.28	27.88
5MHz	1 RB low	1882.5	16QAM	22.41	27.32
5MHz	1 RB mid	1882.5	16QAM	22.51	27.28
5MHz	1 RB high	1882.5	16QAM	22.46	27.48
5MHz	100% RB	1882.5	16QAM	21.32	27.89
5MHz	1 RB low	1912.5	QPSK	23.57	27.68
5MHz	1 RB mid	1912.5	QPSK	23.60	27.56
5MHz	1 RB high	1912.5	QPSK	23.46	27.52
5MHz	100% RB	1912.5	QPSK	22.53	28.13
5MHz	1 RB low	1912.5	16QAM	22.85	27.69
5MHz	1 RB mid	1912.5	16QAM	22.82	27.59
5MHz	1 RB high	1912.5	16QAM	22.64	27.48
5MHz	100% RB	1912.5	16QAM	21.56	28.06
10MHz	1 RB low	1855	QPSK	23.54	27.59
10MHz	1 RB mid	1855	QPSK	23.59	27.69

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10MHz	1 RB high	1855	QPSK	23.46	27.73
10MHz	100% RB	1855	QPSK	22.66	28.42
10MHz	1 RB low	1855	16QAM	22.87	27.64
10MHz	1 RB mid	1855	16QAM	22.75	27.67
10MHz	1 RB high	1855	16QAM	22.65	27.71
10MHz	100% RB	1855	16QAM	21.72	28.40
10MHz	1 RB low	1882.5	QPSK	23.34	27.35
10MHz	1 RB mid	1882.5	QPSK	23.33	27.34
10MHz	1 RB high	1882.5	QPSK	23.28	27.43
10MHz	100% RB	1882.5	QPSK	22.40	28.19
10MHz	1 RB low	1882.5	16QAM	22.42	27.35
10MHz	1 RB mid	1882.5	16QAM	22.48	27.31
10MHz	1 RB high	1882.5	16QAM	22.42	27.42
10MHz	100% RB	1882.5	16QAM	21.38	28.10
10MHz	1 RB low	1910	QPSK	23.55	27.82
10MHz	1 RB mid	1910	QPSK	23.52	27.64
10MHz	1 RB high	1910	QPSK	23.47	27.50
10MHz	100% RB	1910	QPSK	22.63	28.45
10MHz	1 RB low	1910	16QAM	22.74	27.88
10MHz	1 RB mid	1910	16QAM	22.75	27.68
10MHz	1 RB high	1910	16QAM	22.64	27.48
10MHz	100% RB	1910	16QAM	21.65	28.33
15MHz	1 RB low	1857.5	QPSK	23.47	27.59
15MHz	1 RB mid	1857.5	QPSK	23.45	27.68
15MHz	1 RB high	1857.5	QPSK	23.35	27.65
15MHz	100% RB	1857.5	QPSK	22.47	28.38
15MHz	1 RB low	1857.5	16QAM	22.70	27.56
15MHz	1 RB mid	1857.5	16QAM	22.71	27.72
15MHz	1 RB high	1857.5	16QAM	22.53	27.70
15MHz	100% RB	1857.5	16QAM	21.46	28.29
15MHz	1 RB low	1882.5	QPSK	23.20	27.27
15MHz	1 RB mid	1882.5	QPSK	23.12	27.24
15MHz	1 RB high	1882.5	QPSK	23.11	27.39
15MHz	100% RB	1882.5	QPSK	22.26	28.14
15MHz	1 RB low	1882.5	16QAM	22.36	27.29
15MHz	1 RB mid	1882.5	16QAM	22.38	27.27
15MHz	1 RB high	1882.5	16QAM	22.34	27.47
15MHz	100% RB	1882.5	16QAM	21.26	28.12

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15MHz	1 RB low	1907.5	QPSK	23.45	27.74
15MHz	1 RB mid	1907.5	QPSK	23.36	27.60
15MHz	1 RB high	1907.5	QPSK	23.22	27.35
15MHz	100% RB	1907.5	QPSK	22.50	28.31
15MHz	1 RB low	1907.5	16QAM	22.58	27.74
15MHz	1 RB mid	1907.5	16QAM	22.52	27.64
15MHz	1 RB high	1907.5	16QAM	22.44	27.35
15MHz	100% RB	1907.5	16QAM	21.47	28.35
20MHz	1 RB low	1860	QPSK	23.57	27.63
20MHz	1 RB mid	1860	QPSK	23.53	27.74
20MHz	1 RB high	1860	QPSK	23.44	27.59
20MHz	100% RB	1860	QPSK	22.57	28.33
20MHz	1 RB low	1860	16QAM	22.76	27.60
20MHz	1 RB mid	1860	16QAM	22.75	27.78
20MHz	1 RB high	1860	16QAM	22.60	27.61
20MHz	100% RB	1860	16QAM	21.60	28.38
20MHz	1 RB low	1882.5	QPSK	23.25	27.37
20MHz	1 RB mid	1882.5	QPSK	23.12	27.29
20MHz	1 RB high	1882.5	QPSK	23.12	27.42
20MHz	100% RB	1882.5	QPSK	22.28	28.11
20MHz	1 RB low	1882.5	16QAM	22.32	27.43
20MHz	1 RB mid	1882.5	16QAM	22.30	27.30
20MHz	1 RB high	1882.5	16QAM	22.27	27.46
20MHz	100% RB	1882.5	16QAM	21.27	28.09
20MHz	1 RB low	1905	QPSK	23.40	27.67
20MHz	1 RB mid	1905	QPSK	23.40	27.69
20MHz	1 RB high	1905	QPSK	23.19	27.33
20MHz	100% RB	1905	QPSK	22.49	28.37
20MHz	1 RB low	1905	16QAM	22.64	27.64
20MHz	1 RB mid	1905	16QAM	22.74	27.76
20MHz	1 RB high	1905	16QAM	22.45	27.36
20MHz	100% RB	1905	16QAM	21.53	28.39

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LTE band 26PART22

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Power (dBm)	Peak Power (dBm)
1.4MHz	1 RB low	824.7	QPSK	24.08	28.02
1.4MHz	1 RB mid	824.7	QPSK	24.10	27.90
1.4MHz	1 RB high	824.7	QPSK	24.08	27.88
1.4MHz	100% RB	824.7	QPSK	24.02	28.97
1.4MHz	1 RB low	824.7	16QAM	24.17	28.26
1.4MHz	1 RB mid	824.7	16QAM	24.09	28.18
1.4MHz	1 RB high	824.7	16QAM	24.03	28.12
1.4MHz	100% RB	824.7	16QAM	23.19	28.88
1.4MHz	1 RB low	836.5	QPSK	24.93	29.27
1.4MHz	1 RB mid	836.5	QPSK	23.94	28.66
1.4MHz	1 RB high	836.5	QPSK	23.91	28.61
1.4MHz	100% RB	836.5	QPSK	23.92	29.46
1.4MHz	1 RB low	836.5	16QAM	24.07	29.12
1.4MHz	1 RB mid	836.5	16QAM	24.03	29.13
1.4MHz	1 RB high	836.5	16QAM	24.03	29.15
1.4MHz	100% RB	836.5	16QAM	22.99	29.28
1.4MHz	1 RB low	848.3	QPSK	24.79	28.90
1.4MHz	1 RB mid	848.3	QPSK	23.81	28.37
1.4MHz	1 RB high	848.3	QPSK	23.75	28.23
1.4MHz	100% RB	848.3	QPSK	23.83	29.21
1.4MHz	1 RB low	848.3	16QAM	23.87	28.81
1.4MHz	1 RB mid	848.3	16QAM	24.04	28.69
1.4MHz	1 RB high	848.3	16QAM	24.02	28.62
1.4MHz	100% RB	848.3	16QAM	22.80	28.76
3MHz	1 RB low	825.5	QPSK	24.09	27.49
3MHz	1 RB mid	825.5	QPSK	24.10	27.50
3MHz	1 RB high	825.5	QPSK	23.95	27.41
3MHz	100% RB	825.5	QPSK	24.11	28.91
3MHz	1 RB low	825.5	16QAM	24.15	28.12
3MHz	1 RB mid	825.5	16QAM	24.37	28.02
3MHz	1 RB high	825.5	16QAM	24.03	27.98
3MHz	100% RB	825.5	16QAM	23.10	28.69
3MHz	1 RB low	836.5	QPSK	23.92	27.97
3MHz	1 RB mid	836.5	QPSK	23.96	27.87
3MHz	1 RB high	836.5	QPSK	23.90	27.73
3MHz	100% RB	836.5	QPSK	23.97	29.22

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3MHz	1 RB low	836.5	16QAM	24.04	28.83
3MHz	1 RB mid	836.5	16QAM	24.11	28.72
3MHz	1 RB high	836.5	16QAM	24.00	28.67
3MHz	100% RB	836.5	16QAM	22.92	29.18
3MHz	1 RB low	847.5	QPSK	23.71	27.66
3MHz	1 RB mid	847.5	QPSK	23.78	27.75
3MHz	1 RB high	847.5	QPSK	23.71	27.61
3MHz	100% RB	847.5	QPSK	23.76	28.93
3MHz	1 RB low	847.5	16QAM	23.90	28.43
3MHz	1 RB mid	847.5	16QAM	24.00	28.47
3MHz	1 RB high	847.5	16QAM	23.96	28.40
3MHz	100% RB	847.5	16QAM	22.79	29.03
5MHz	1 RB low	826.5	QPSK	24.15	27.66
5MHz	1 RB mid	826.5	QPSK	24.15	27.54
5MHz	1 RB high	826.5	QPSK	23.95	27.55
5MHz	100% RB	826.5	QPSK	24.10	28.96
5MHz	1 RB low	826.5	16QAM	24.30	28.14
5MHz	1 RB mid	826.5	16QAM	24.26	27.95
5MHz	1 RB high	826.5	16QAM	24.13	27.99
5MHz	100% RB	826.5	16QAM	23.09	28.77
5MHz	1 RB low	836.5	QPSK	23.95	28.08
5MHz	1 RB mid	836.5	QPSK	24.05	27.93
5MHz	1 RB high	836.5	QPSK	23.98	27.73
5MHz	100% RB	836.5	QPSK	23.99	29.34
5MHz	1 RB low	836.5	16QAM	24.15	28.79
5MHz	1 RB mid	836.5	16QAM	24.05	28.71
5MHz	1 RB high	836.5	16QAM	24.09	28.45
5MHz	100% RB	836.5	16QAM	22.97	29.40
5MHz	1 RB low	846.5	QPSK	23.88	27.60
5MHz	1 RB mid	846.5	QPSK	23.91	27.90
5MHz	1 RB high	846.5	QPSK	23.84	27.79
5MHz	100% RB	846.5	QPSK	23.87	29.19
5MHz	1 RB low	846.5	16QAM	24.04	28.16
5MHz	1 RB mid	846.5	16QAM	24.07	28.47
5MHz	1 RB high	846.5	16QAM	24.02	28.37
5MHz	100% RB	846.5	16QAM	22.89	29.15
10MHz	1 RB low	829	QPSK	24.17	27.63
10MHz	1 RB mid	829	QPSK	24.00	27.62

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10MHz	1 RB high	829	QPSK	23.83	27.97
10MHz	100% RB	829	QPSK	24.11	29.13
10MHz	1 RB low	829	16QAM	24.29	28.14
10MHz	1 RB mid	829	16QAM	24.14	28.06
10MHz	1 RB high	829	16QAM	24.04	28.65
10MHz	100% RB	829	16QAM	23.06	28.93
10MHz	1 RB low	836.5	QPSK	23.98	28.01
10MHz	1 RB mid	836.5	QPSK	23.95	28.01
10MHz	1 RB high	836.5	QPSK	23.89	27.53
10MHz	100% RB	836.5	QPSK	24.03	29.41
10MHz	1 RB low	836.5	16QAM	24.21	28.59
10MHz	1 RB mid	836.5	16QAM	24.09	28.72
10MHz	1 RB high	836.5	16QAM	24.09	28.11
10MHz	100% RB	836.5	16QAM	23.00	29.32
10MHz	1 RB low	844	QPSK	23.99	27.74
10MHz	1 RB mid	844	QPSK	23.86	27.51
10MHz	1 RB high	844	QPSK	23.75	27.73
10MHz	100% RB	844	QPSK	23.94	29.24
10MHz	1 RB low	844	16QAM	24.17	28.39
10MHz	1 RB mid	844	16QAM	23.96	28.06
10MHz	1 RB high	844	16QAM	23.82	28.38
10MHz	100% RB	844	16QAM	22.92	29.09
15MHz	1 RB low	831.5	QPSK	24.04	27.66
15MHz	1 RB mid	831.5	QPSK	23.79	27.79
15MHz	1 RB high	831.5	QPSK	23.62	27.60
15MHz	100% RB	831.5	QPSK	23.92	29.38
15MHz	1 RB low	831.5	16QAM	24.23	28.12
15MHz	1 RB mid	831.5	16QAM	23.94	28.39
15MHz	1 RB high	831.5	16QAM	23.89	28.45
15MHz	100% RB	831.5	16QAM	22.93	29.33
15MHz	1 RB low	836.5	QPSK	23.97	27.77
15MHz	1 RB mid	836.5	QPSK	23.82	27.82
15MHz	1 RB high	836.5	QPSK	23.61	27.33
15MHz	100% RB	836.5	QPSK	23.88	29.27
15MHz	1 RB low	836.5	16QAM	24.07	28.26
15MHz	1 RB mid	836.5	16QAM	24.01	28.71
15MHz	1 RB high	836.5	16QAM	23.72	27.88
15MHz	100% RB	836.5	16QAM	22.88	29.22

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15MHz	1 RB low	841.5	QPSK	23.96	28.14
15MHz	1 RB mid	841.5	QPSK	23.76	27.47
15MHz	1 RB high	841.5	QPSK	23.61	27.67
15MHz	100% RB	841.5	QPSK	23.74	29.27
15MHz	1 RB low	841.5	16QAM	24.07	28.81
15MHz	1 RB mid	841.5	16QAM	23.89	28.00
15MHz	1 RB high	841.5	16QAM	23.87	28.38
15MHz	100% RB	841.5	16QAM	22.78	29.23

LTE band 26PART90

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Power (dBm)	Peak Power (dBm)
1.4MHz	1 RB low	814.7	QPSK	24.55	28.30
1.4MHz	1 RB mid	814.7	QPSK	23.98	28.19
1.4MHz	1 RB high	814.7	QPSK	24.00	28.28
1.4MHz	100% RB	814.7	QPSK	23.66	29.01
1.4MHz	1 RB low	814.7	16QAM	23.65	28.25
1.4MHz	1 RB mid	814.7	16QAM	23.76	28.37
1.4MHz	1 RB high	814.7	16QAM	23.81	28.47
1.4MHz	100% RB	814.7	16QAM	22.72	28.87
1.4MHz	1 RB low	819	QPSK	23.95	28.49
1.4MHz	1 RB mid	819	QPSK	23.98	28.42
1.4MHz	1 RB high	819	QPSK	23.97	28.38
1.4MHz	100% RB	819	QPSK	24.03	29.28
1.4MHz	1 RB low	819	16QAM	24.18	28.87
1.4MHz	1 RB mid	819	16QAM	24.22	28.81
1.4MHz	1 RB high	819	16QAM	24.18	28.72
1.4MHz	100% RB	819	16QAM	23.07	28.55
1.4MHz	1 RB low	823.3	QPSK	23.95	27.87
1.4MHz	1 RB mid	823.3	QPSK	24.04	27.79
1.4MHz	1 RB high	823.3	QPSK	23.95	27.79
1.4MHz	100% RB	823.3	QPSK	24.01	28.91
1.4MHz	1 RB low	823.3	16QAM	24.06	28.28
1.4MHz	1 RB mid	823.3	16QAM	24.17	28.13
1.4MHz	1 RB high	823.3	16QAM	24.08	28.13
1.4MHz	100% RB	823.3	16QAM	23.05	28.65
3MHz	1 RB low	815.5	QPSK	23.96	27.69
3MHz	1 RB mid	815.5	QPSK	24.01	27.93
3MHz	1 RB high	815.5	QPSK	23.97	27.94
3MHz	100% RB	815.5	QPSK	24.00	29.13
3MHz	1 RB low	815.5	16QAM	24.17	28.26
3MHz	1 RB mid	815.5	16QAM	24.15	28.49
3MHz	1 RB high	815.5	16QAM	24.14	28.62
3MHz	100% RB	815.5	16QAM	23.02	29.14
3MHz	1 RB low	819	QPSK	24.01	27.97
3MHz	1 RB mid	819	QPSK	24.07	27.89
3MHz	1 RB high	819	QPSK	23.99	27.76
3MHz	100% RB	819	QPSK	24.06	29.17

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3MHz	1 RB low	819	16QAM	24.18	28.70
3MHz	1 RB mid	819	16QAM	24.30	28.52
3MHz	1 RB high	819	16QAM	24.01	28.43
3MHz	100% RB	819	16QAM	23.06	29.17
3MHz	1 RB low	822.5	QPSK	23.96	27.65
3MHz	1 RB mid	822.5	QPSK	24.03	27.49
3MHz	1 RB high	822.5	QPSK	23.91	27.40
3MHz	100% RB	822.5	QPSK	24.09	28.95
3MHz	1 RB low	822.5	16QAM	24.12	28.36
3MHz	1 RB mid	822.5	16QAM	24.18	28.09
3MHz	1 RB high	822.5	16QAM	24.14	28.02
3MHz	100% RB	822.5	16QAM	23.10	28.90
5MHz	1 RB low	816.5	QPSK	24.09	27.87
5MHz	1 RB mid	816.5	QPSK	24.13	28.03
5MHz	1 RB high	816.5	QPSK	24.04	28.01
5MHz	100% RB	816.5	QPSK	24.06	29.30
5MHz	1 RB low	816.5	16QAM	24.21	28.28
5MHz	1 RB mid	816.5	16QAM	24.13	28.62
5MHz	1 RB high	816.5	16QAM	24.12	28.58
5MHz	100% RB	816.5	16QAM	23.05	29.32
5MHz	1 RB low	819	QPSK	24.08	28.11
5MHz	1 RB mid	819	QPSK	24.17	27.97
5MHz	1 RB high	819	QPSK	24.11	27.81
5MHz	100% RB	819	QPSK	24.08	29.24
5MHz	1 RB low	819	16QAM	24.24	28.65
5MHz	1 RB mid	819	16QAM	24.37	28.56
5MHz	1 RB high	819	16QAM	24.26	28.32
5MHz	100% RB	819	16QAM	23.09	29.17
5MHz	1 RB low	821.5	QPSK	24.05	27.94
5MHz	1 RB mid	821.5	QPSK	24.13	27.72
5MHz	1 RB high	821.5	QPSK	24.02	27.43
5MHz	100% RB	821.5	QPSK	24.06	29.04
5MHz	1 RB low	821.5	16QAM	24.24	28.56
5MHz	1 RB mid	821.5	16QAM	24.30	28.24
5MHz	1 RB high	821.5	16QAM	24.17	27.97
5MHz	100% RB	821.5	16QAM	23.09	29.04
10MHz	1 RB low	819	QPSK	24.10	27.91
10MHz	1 RB mid	819	QPSK	24.07	27.95

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10MHz	1 RB high	819	QPSK	24.02	27.46
10MHz	100% RB	819	QPSK	24.08	29.11
10MHz	1 RB low	819	16QAM	24.16	28.40
10MHz	1 RB mid	819	16QAM	24.17	28.55
10MHz	1 RB high	819	16QAM	24.13	28.02
10MHz	100% RB	819	16QAM	23.12	29.14
10MHz	1 RB low	819	QPSK	24.05	27.88
10MHz	1 RB mid	819	QPSK	24.05	27.92
10MHz	1 RB high	819	QPSK	23.98	27.43
10MHz	100% RB	819	QPSK	24.10	29.32
10MHz	1 RB low	819	16QAM	24.18	28.40
10MHz	1 RB mid	819	16QAM	24.15	28.56
10MHz	1 RB high	819	16QAM	24.16	28.03
10MHz	100% RB	819	16QAM	23.10	29.16
10MHz	1 RB low	819	QPSK	24.02	27.87
10MHz	1 RB mid	819	QPSK	24.07	27.95
10MHz	1 RB high	819	QPSK	23.99	27.45
10MHz	100% RB	819	QPSK	24.07	29.24
10MHz	1 RB low	819	16QAM	24.27	28.43
10MHz	1 RB mid	819	16QAM	24.26	28.59
10MHz	1 RB high	819	16QAM	24.18	28.03
10MHz	100% RB	819	16QAM	23.11	29.20

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Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Power (dBm)	Peak Power (dBm)
5MHz	1 RB low	2498.5	QPSK	23.67	27.84
5MHz	1 RB mid	2498.5	QPSK	23.65	27.75
5MHz	1 RB high	2498.5	QPSK	23.58	27.77
5MHz	100% RB	2498.5	QPSK	22.60	28.29
5MHz	1 RB low	2498.5	16QAM	22.71	27.81
5MHz	1 RB mid	2498.5	16QAM	22.77	27.73
5MHz	1 RB high	2498.5	16QAM	22.68	27.73
5MHz	100% RB	2498.5	16QAM	21.65	28.39
5MHz	1 RB low	2593	QPSK	23.68	27.86
5MHz	1 RB mid	2593	QPSK	23.65	27.76
5MHz	1 RB high	2593	QPSK	23.62	27.79
5MHz	100% RB	2593	QPSK	22.62	28.32
5MHz	1 RB low	2593	16QAM	22.73	27.84
5MHz	1 RB mid	2593	16QAM	22.78	27.73
5MHz	1 RB high	2593	16QAM	22.82	27.75
5MHz	100% RB	2593	16QAM	21.63	28.33
5MHz	1 RB low	2687.5	QPSK	23.99	28.13
5MHz	1 RB mid	2687.5	QPSK	23.92	28.03
5MHz	1 RB high	2687.5	QPSK	23.85	28.05
5MHz	100% RB	2687.5	QPSK	22.85	28.57
5MHz	1 RB low	2687.5	16QAM	23.02	28.09
5MHz	1 RB mid	2687.5	16QAM	22.97	28.00
5MHz	1 RB high	2687.5	16QAM	23.00	28.04
5MHz	100% RB	2687.5	16QAM	21.90	28.67
10MHz	1 RB low	2501	QPSK	23.58	27.84
10MHz	1 RB mid	2501	QPSK	23.56	27.78
10MHz	1 RB high	2501	QPSK	23.51	27.70
10MHz	100% RB	2501	QPSK	22.65	28.40
10MHz	1 RB low	2501	16QAM	22.80	27.85
10MHz	1 RB mid	2501	16QAM	22.79	27.78
10MHz	1 RB high	2501	16QAM	22.77	27.70
10MHz	100% RB	2501	16QAM	21.70	28.50
10MHz	1 RB low	2593	QPSK	23.55	27.82
10MHz	1 RB mid	2593	QPSK	23.54	27.76
10MHz	1 RB high	2593	QPSK	23.51	27.67
10MHz	100% RB	2593	QPSK	22.62	28.56

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10MHz	1 RB low	2593	16QAM	22.76	27.87
10MHz	1 RB mid	2593	16QAM	22.78	27.79
10MHz	1 RB high	2593	16QAM	22.68	27.69
10MHz	100% RB	2593	16QAM	21.69	28.44
10MHz	1 RB low	2685	QPSK	23.89	28.13
10MHz	1 RB mid	2685	QPSK	23.88	28.05
10MHz	1 RB high	2685	QPSK	23.75	27.95
10MHz	100% RB	2685	QPSK	22.94	28.76
10MHz	1 RB low	2685	16QAM	23.08	28.16
10MHz	1 RB mid	2685	16QAM	23.07	28.11
10MHz	1 RB high	2685	16QAM	22.94	27.98
10MHz	100% RB	2685	16QAM	21.98	28.73
15MHz	1 RB low	2503.5	QPSK	23.47	27.80
15MHz	1 RB mid	2503.5	QPSK	23.44	27.70
15MHz	1 RB high	2503.5	QPSK	23.32	27.53
15MHz	100% RB	2503.5	QPSK	22.57	28.54
15MHz	1 RB low	2503.5	16QAM	22.70	27.85
15MHz	1 RB mid	2503.5	16QAM	22.66	27.75
15MHz	1 RB high	2503.5	16QAM	22.53	27.56
15MHz	100% RB	2503.5	16QAM	21.58	28.50
15MHz	1 RB low	2593	QPSK	23.49	27.82
15MHz	1 RB mid	2593	QPSK	23.46	27.71
15MHz	1 RB high	2593	QPSK	23.32	27.52
15MHz	100% RB	2593	QPSK	22.51	28.50
15MHz	1 RB low	2593	16QAM	22.73	27.82
15MHz	1 RB mid	2593	16QAM	22.61	27.74
15MHz	1 RB high	2593	16QAM	22.40	27.49
15MHz	100% RB	2593	16QAM	21.58	28.47
15MHz	1 RB low	2682.5	QPSK	23.73	28.05
15MHz	1 RB mid	2682.5	QPSK	23.72	27.97
15MHz	1 RB high	2682.5	QPSK	23.58	27.77
15MHz	100% RB	2682.5	QPSK	22.82	28.76
15MHz	1 RB low	2682.5	16QAM	22.88	28.07
15MHz	1 RB mid	2682.5	16QAM	23.00	28.04
15MHz	1 RB high	2682.5	16QAM	22.79	27.79
15MHz	100% RB	2682.5	16QAM	21.84	28.80
20MHz	1 RB low	2506	QPSK	23.58	27.81
20MHz	1 RB mid	2506	QPSK	23.54	27.76

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20MHz	1 RB high	2506	QPSK	23.32	27.42
20MHz	100% RB	2506	QPSK	22.59	28.46
20MHz	1 RB low	2506	16QAM	22.70	27.79
20MHz	1 RB mid	2506	16QAM	22.68	27.78
20MHz	1 RB high	2506	16QAM	22.58	27.44
20MHz	100% RB	2506	16QAM	21.60	28.55
20MHz	1 RB low	2593	QPSK	23.54	27.76
20MHz	1 RB mid	2593	QPSK	23.49	27.74
20MHz	1 RB high	2593	QPSK	23.32	27.43
20MHz	100% RB	2593	QPSK	22.57	28.43
20MHz	1 RB low	2593	16QAM	22.61	27.73
20MHz	1 RB mid	2593	16QAM	22.76	27.83
20MHz	1 RB high	2593	16QAM	22.51	27.43
20MHz	100% RB	2593	16QAM	21.57	28.48
20MHz	1 RB low	2680	QPSK	23.83	28.01
20MHz	1 RB mid	2680	QPSK	23.77	28.00
20MHz	1 RB high	2680	QPSK	23.65	27.70
20MHz	100% RB	2680	QPSK	22.85	28.72
20MHz	1 RB low	2680	16QAM	23.04	28.08
20MHz	1 RB mid	2680	16QAM	23.01	28.02
20MHz	1 RB high	2680	16QAM	22.75	27.76
20MHz	100% RB	2680	16QAM	21.86	28.83

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Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Power (dBm)	Peak Power (dBm)
1.4MHz	1 RB low	1710.7	QPSK	23.75	27.82
1.4MHz	1 RB mid	1710.7	QPSK	23.76	27.78
1.4MHz	1 RB high	1710.7	QPSK	23.73	27.80
1.4MHz	100% RB	1710.7	QPSK	22.76	28.28
1.4MHz	1 RB low	1710.7	16QAM	22.91	27.81
1.4MHz	1 RB mid	1710.7	16QAM	22.84	27.77
1.4MHz	1 RB high	1710.7	16QAM	22.75	27.76
1.4MHz	100% RB	1710.7	16QAM	21.81	28.18
1.4MHz	1 RB low	1745	QPSK	23.66	27.60
1.4MHz	1 RB mid	1745	QPSK	23.69	27.58
1.4MHz	1 RB high	1745	QPSK	23.62	27.58
1.4MHz	100% RB	1745	QPSK	22.72	28.22
1.4MHz	1 RB low	1745	16QAM	22.92	27.61
1.4MHz	1 RB mid	1745	16QAM	22.75	27.60
1.4MHz	1 RB high	1745	16QAM	22.81	27.67
1.4MHz	100% RB	1745	16QAM	21.78	28.08
1.4MHz	1 RB low	1779.3	QPSK	23.54	27.34
1.4MHz	1 RB mid	1779.3	QPSK	23.59	27.30
1.4MHz	1 RB high	1779.3	QPSK	23.53	27.33
1.4MHz	100% RB	1779.3	QPSK	22.56	27.98
1.4MHz	1 RB low	1779.3	16QAM	22.54	27.33
1.4MHz	1 RB mid	1779.3	16QAM	22.70	27.33
1.4MHz	1 RB high	1779.3	16QAM	22.64	27.33
1.4MHz	100% RB	1779.3	16QAM	21.73	27.90
3MHz	1 RB low	1711.5	QPSK	23.70	27.78
3MHz	1 RB mid	1711.5	QPSK	23.78	27.85
3MHz	1 RB high	1711.5	QPSK	23.66	27.80
3MHz	100% RB	1711.5	QPSK	22.79	28.22
3MHz	1 RB low	1711.5	16QAM	22.88	27.89
3MHz	1 RB mid	1711.5	16QAM	23.01	27.86
3MHz	1 RB high	1711.5	16QAM	22.82	27.92
3MHz	100% RB	1711.5	16QAM	21.81	28.43
3MHz	1 RB low	1745	QPSK	23.66	27.57
3MHz	1 RB mid	1745	QPSK	23.74	27.59
3MHz	1 RB high	1745	QPSK	23.63	27.61
3MHz	100% RB	1745	QPSK	22.64	28.02

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3MHz	1 RB low	1745	16QAM	22.85	27.70
3MHz	1 RB mid	1745	16QAM	22.93	27.64
3MHz	1 RB high	1745	16QAM	22.70	27.73
3MHz	100% RB	1745	16QAM	21.70	28.03
3MHz	1 RB low	1778.5	QPSK	23.55	27.46
3MHz	1 RB mid	1778.5	QPSK	23.62	27.38
3MHz	1 RB high	1778.5	QPSK	23.50	27.28
3MHz	100% RB	1778.5	QPSK	22.65	27.95
3MHz	1 RB low	1778.5	16QAM	22.64	27.49
3MHz	1 RB mid	1778.5	16QAM	22.82	27.39
3MHz	1 RB high	1778.5	16QAM	22.68	27.40
3MHz	100% RB	1778.5	16QAM	21.60	28.06
5MHz	1 RB low	1712.5	QPSK	23.80	27.90
5MHz	1 RB mid	1712.5	QPSK	23.90	27.91
5MHz	1 RB high	1712.5	QPSK	23.80	27.96
5MHz	100% RB	1712.5	QPSK	22.82	28.55
5MHz	1 RB low	1712.5	16QAM	22.85	27.88
5MHz	1 RB mid	1712.5	16QAM	22.98	27.87
5MHz	1 RB high	1712.5	16QAM	23.01	27.99
5MHz	100% RB	1712.5	16QAM	21.85	28.48
5MHz	1 RB low	1745	QPSK	23.82	27.72
5MHz	1 RB mid	1745	QPSK	23.83	27.69
5MHz	1 RB high	1745	QPSK	23.72	27.75
5MHz	100% RB	1745	QPSK	22.71	28.28
5MHz	1 RB low	1745	16QAM	22.86	27.68
5MHz	1 RB mid	1745	16QAM	22.94	27.64
5MHz	1 RB high	1745	16QAM	22.93	27.75
5MHz	100% RB	1745	16QAM	21.72	28.25
5MHz	1 RB low	1777.5	QPSK	23.69	27.65
5MHz	1 RB mid	1777.5	QPSK	23.77	27.54
5MHz	1 RB high	1777.5	QPSK	23.64	27.43
5MHz	100% RB	1777.5	QPSK	22.68	28.17
5MHz	1 RB low	1777.5	16QAM	22.84	27.62
5MHz	1 RB mid	1777.5	16QAM	22.85	27.49
5MHz	1 RB high	1777.5	16QAM	22.84	27.38
5MHz	100% RB	1777.5	16QAM	21.71	28.18
10MHz	1 RB low	1715	QPSK	23.70	27.85
10MHz	1 RB mid	1715	QPSK	23.79	27.92

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10MHz	1 RB high	1715	QPSK	23.76	27.96
10MHz	100% RB	1715	QPSK	22.84	28.64
10MHz	1 RB low	1715	16QAM	22.96	27.91
10MHz	1 RB mid	1715	16QAM	22.85	27.93
10MHz	1 RB high	1715	16QAM	22.97	28.02
10MHz	100% RB	1715	16QAM	21.87	28.58
10MHz	1 RB low	1745	QPSK	23.70	27.66
10MHz	1 RB mid	1745	QPSK	23.78	27.65
10MHz	1 RB high	1745	QPSK	23.65	27.68
10MHz	100% RB	1745	QPSK	22.71	28.42
10MHz	1 RB low	1745	16QAM	22.86	27.65
10MHz	1 RB mid	1745	16QAM	22.84	27.64
10MHz	1 RB high	1745	16QAM	22.78	27.74
10MHz	100% RB	1745	16QAM	21.71	28.28
10MHz	1 RB low	1775	QPSK	23.64	27.74
10MHz	1 RB mid	1775	QPSK	23.68	27.64
10MHz	1 RB high	1775	QPSK	23.57	27.46
10MHz	100% RB	1775	QPSK	22.74	28.39
10MHz	1 RB low	1775	16QAM	22.81	27.78
10MHz	1 RB mid	1775	16QAM	22.91	27.61
10MHz	1 RB high	1775	16QAM	22.79	27.43
10MHz	100% RB	1775	16QAM	21.77	28.35
15MHz	1 RB low	1717.5	QPSK	23.60	27.85
15MHz	1 RB mid	1717.5	QPSK	23.74	27.96
15MHz	1 RB high	1717.5	QPSK	23.70	27.89
15MHz	100% RB	1717.5	QPSK	22.69	28.60
15MHz	1 RB low	1717.5	16QAM	22.83	27.87
15MHz	1 RB mid	1717.5	16QAM	22.83	27.94
15MHz	1 RB high	1717.5	16QAM	22.74	27.82
15MHz	100% RB	1717.5	16QAM	21.75	28.67
15MHz	1 RB low	1745	QPSK	23.61	27.59
15MHz	1 RB mid	1745	QPSK	23.65	27.61
15MHz	1 RB high	1745	QPSK	23.54	27.66
15MHz	100% RB	1745	QPSK	22.55	28.36
15MHz	1 RB low	1745	16QAM	22.65	27.50
15MHz	1 RB mid	1745	16QAM	22.79	27.65
15MHz	1 RB high	1745	16QAM	22.56	27.70
15MHz	100% RB	1745	16QAM	21.56	28.39

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15MHz	1 RB low	1772.5	QPSK	23.61	27.73
15MHz	1 RB mid	1772.5	QPSK	23.56	27.70
15MHz	1 RB high	1772.5	QPSK	23.65	27.49
15MHz	100% RB	1772.5	QPSK	22.61	28.37
15MHz	1 RB low	1772.5	16QAM	22.78	27.72
15MHz	1 RB mid	1772.5	16QAM	22.76	27.75
15MHz	1 RB high	1772.5	16QAM	22.65	27.42
15MHz	100% RB	1772.5	16QAM	21.61	28.43
20MHz	1 RB low	1720	QPSK	23.78	27.91
20MHz	1 RB mid	1720	QPSK	23.78	27.96
20MHz	1 RB high	1720	QPSK	23.81	27.87
20MHz	100% RB	1720	QPSK	22.78	28.61
20MHz	1 RB low	1720	16QAM	22.83	27.87
20MHz	1 RB mid	1720	16QAM	22.92	27.95
20MHz	1 RB high	1720	16QAM	22.81	27.79
20MHz	100% RB	1720	16QAM	21.75	28.52
20MHz	1 RB low	1745	QPSK	23.68	27.67
20MHz	1 RB mid	1745	QPSK	23.60	27.67
20MHz	1 RB high	1745	QPSK	23.49	27.71
20MHz	100% RB	1745	QPSK	22.58	28.24
20MHz	1 RB low	1745	16QAM	22.63	27.60
20MHz	1 RB mid	1745	16QAM	22.73	27.73
20MHz	1 RB high	1745	16QAM	22.62	27.76
20MHz	100% RB	1745	16QAM	21.61	28.34
20MHz	1 RB low	1770	QPSK	23.60	27.76
20MHz	1 RB mid	1770	QPSK	23.53	27.67
20MHz	1 RB high	1770	QPSK	23.54	27.43
20MHz	100% RB	1770	QPSK	22.61	28.33
20MHz	1 RB low	1770	16QAM	22.83	27.79
20MHz	1 RB mid	1770	16QAM	22.82	27.80
20MHz	1 RB high	1770	16QAM	22.75	27.38
20MHz	100% RB	1770	16QAM	21.61	28.33

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Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Power (dBm)	Peak Power (dBm)
5MHz	1 RB low	665.5	QPSK	24.02	28.51
5MHz	1 RB mid	665.5	QPSK	24.07	28.53
5MHz	1 RB high	665.5	QPSK	23.95	28.41
5MHz	100% RB	665.5	QPSK	23.99	29.78
5MHz	1 RB low	665.5	16QAM	24.13	29.32
5MHz	1 RB mid	665.5	16QAM	24.32	29.37
5MHz	1 RB high	665.5	16QAM	24.08	29.25
5MHz	100% RB	665.5	16QAM	22.98	29.78
5MHz	1 RB low	680.5	QPSK	23.50	28.10
5MHz	1 RB mid	680.5	QPSK	23.51	27.92
5MHz	1 RB high	680.5	QPSK	23.38	27.74
5MHz	100% RB	680.5	QPSK	23.46	29.29
5MHz	1 RB low	680.5	16QAM	23.69	29.01
5MHz	1 RB mid	680.5	16QAM	23.74	28.82
5MHz	1 RB high	680.5	16QAM	23.63	28.62
5MHz	100% RB	680.5	16QAM	22.41	29.29
5MHz	1 RB low	695.5	QPSK	23.06	27.46
5MHz	1 RB mid	695.5	QPSK	23.25	27.52
5MHz	1 RB high	695.5	QPSK	23.16	27.45
5MHz	100% RB	695.5	QPSK	23.12	28.89
5MHz	1 RB low	695.5	16QAM	23.19	28.42
5MHz	1 RB mid	695.5	16QAM	23.32	28.39
5MHz	1 RB high	695.5	16QAM	23.26	28.23
5MHz	100% RB	695.5	16QAM	22.14	28.94
10MHz	1 RB low	668	QPSK	23.92	28.44
10MHz	1 RB mid	668	QPSK	23.86	28.24
10MHz	1 RB high	668	QPSK	23.76	28.15
10MHz	100% RB	668	QPSK	23.85	29.67
10MHz	1 RB low	668	16QAM	24.18	29.40
10MHz	1 RB mid	668	16QAM	24.05	29.09
10MHz	1 RB high	668	16QAM	23.87	29.07
10MHz	100% RB	668	16QAM	22.87	29.64
10MHz	1 RB low	680.5	QPSK	23.49	28.12
10MHz	1 RB mid	680.5	QPSK	23.61	28.02
10MHz	1 RB high	680.5	QPSK	23.40	27.67
10MHz	100% RB	680.5	QPSK	23.45	29.37

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10MHz	1 RB low	680.5	16QAM	23.67	29.08
10MHz	1 RB mid	680.5	16QAM	23.66	28.93
10MHz	1 RB high	680.5	16QAM	23.61	28.59
10MHz	100% RB	680.5	16QAM	22.46	29.33
10MHz	1 RB low	693	QPSK	23.11	27.45
10MHz	1 RB mid	693	QPSK	23.16	27.59
10MHz	1 RB high	693	QPSK	23.14	27.44
10MHz	100% RB	693	QPSK	23.08	28.92
10MHz	1 RB low	693	16QAM	23.28	28.35
10MHz	1 RB mid	693	16QAM	23.33	28.50
10MHz	1 RB high	693	16QAM	23.24	28.38
10MHz	100% RB	693	16QAM	22.11	28.97
15MHz	1 RB low	670.5	QPSK	23.79	28.39
15MHz	1 RB mid	670.5	QPSK	23.59	27.92
15MHz	1 RB high	670.5	QPSK	23.57	28.26
15MHz	100% RB	670.5	QPSK	23.68	29.41
15MHz	1 RB low	670.5	16QAM	23.99	29.28
15MHz	1 RB mid	670.5	16QAM	23.88	28.84
15MHz	1 RB high	670.5	16QAM	23.69	29.19
15MHz	100% RB	670.5	16QAM	22.70	29.61
15MHz	1 RB low	680.5	QPSK	23.35	27.88
15MHz	1 RB mid	680.5	QPSK	23.31	27.79
15MHz	1 RB high	680.5	QPSK	23.10	27.48
15MHz	100% RB	680.5	QPSK	23.29	29.26
15MHz	1 RB low	680.5	16QAM	23.35	28.77
15MHz	1 RB mid	680.5	16QAM	23.40	28.74
15MHz	1 RB high	680.5	16QAM	23.23	28.33
15MHz	100% RB	680.5	16QAM	22.29	29.29
15MHz	1 RB low	690.5	QPSK	23.10	27.46
15MHz	1 RB mid	690.5	QPSK	22.93	27.43
15MHz	1 RB high	690.5	QPSK	23.04	27.41
15MHz	100% RB	690.5	QPSK	22.99	28.90
15MHz	1 RB low	690.5	16QAM	23.34	28.34
15MHz	1 RB mid	690.5	16QAM	23.13	28.43
15MHz	1 RB high	690.5	16QAM	23.14	28.23
15MHz	100% RB	690.5	16QAM	21.99	28.89
20MHz	1 RB low	673	QPSK	23.63	28.21
20MHz	1 RB mid	673	QPSK	23.53	28.00

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20MHz	1 RB high	673	QPSK	23.48	27.90
20MHz	100% RB	673	QPSK	23.66	29.46
20MHz	1 RB low	673	16QAM	23.64	29.12
20MHz	1 RB mid	673	16QAM	23.69	28.92
20MHz	1 RB high	673	16QAM	23.69	28.77
20MHz	100% RB	673	16QAM	22.70	29.64
20MHz	1 RB low	683	QPSK	23.28	27.90
20MHz	1 RB mid	683	QPSK	23.23	27.61
20MHz	1 RB high	683	QPSK	22.96	27.50
20MHz	100% RB	683	QPSK	23.22	28.99
20MHz	1 RB low	683	16QAM	23.29	28.77
20MHz	1 RB mid	683	16QAM	23.32	28.46
20MHz	1 RB high	683	16QAM	23.00	28.43
20MHz	100% RB	683	16QAM	22.16	29.02
20MHz	1 RB low	688	QPSK	23.29	27.87
20MHz	1 RB mid	688	QPSK	23.02	27.39
20MHz	1 RB high	688	QPSK	23.10	27.47
20MHz	100% RB	688	QPSK	23.16	28.78
20MHz	1 RB low	688	16QAM	23.64	28.82
20MHz	1 RB mid	688	16QAM	23.26	28.29
20MHz	1 RB high	688	16QAM	23.48	28.39
20MHz	100% RB	688	16QAM	22.18	28.96

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Bandwidth	Frequency(MHz)	Frequency(MHz)	Modulation	PCC RB		SCC RB		AVG Power (dBm)
				Size	Offset	Size	Offset	
5MHz/20MHz	2583.8	2595.5	QPSK	1	24	1	0	24.60
5MHz/20MHz	2583.8	2595.5	QPSK	25	0	100	0	22.73
5MHz/20MHz	2583.8	2595.5	16QAM	1	24	1	0	23.70
5MHz/20MHz	2583.8	2595.5	16QAM	25	0	100	0	21.71
5MHz/20MHz	2583.8	2595.5	Q64	1	24	1	0	22.66
5MHz/20MHz	2583.8	2595.5	Q64	25	0	100	0	21.75
5MHz/20MHz	2583.8	2595.5	Q256	1	24	1	0	19.70
5MHz/20MHz	2583.8	2595.5	Q256	25	0	100	0	19.72
10MHz/15MHz	2585.9	2597.9	QPSK	1	49	1	0	24.63
10MHz/15MHz	2585.9	2597.9	QPSK	50	0	75	0	22.69

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10MHz/15MHz	2585.9	2597.9	16QAM	1	49	1	0	23.54
10MHz/15MHz	2585.9	2597.9	16QAM	50	0	75	0	21.67
10MHz/15MHz	2585.9	2597.9	Q64	1	49	1	0	22.60
10MHz/15MHz	2585.9	2597.9	Q64	50	0	75	0	21.69
10MHz/15MHz	2585.9	2597.9	Q256	1	49	1	0	19.59
10MHz/15MHz	2585.9	2597.9	Q256	50	0	75	0	19.67
10MHz/20MHz	2583.6	2598	QPSK	1	49	1	0	24.57
10MHz/20MHz	2583.6	2598	QPSK	50	0	100	0	22.70
10MHz/20MHz	2583.6	2598	16QAM	1	49	1	0	23.57
10MHz/20MHz	2583.6	2598	16QAM	50	0	100	0	21.71
10MHz/20MHz	2583.6	2598	Q64	1	49	1	0	22.61
10MHz/20MHz	2583.6	2598	Q64	50	0	100	0	21.69
10MHz/20MHz	2583.6	2598	Q256	1	49	1	0	19.61
10MHz/20MHz	2583.6	2598	Q256	50	0	100	0	19.72
15MHz/10MHz	2588.1	2600.1	QPSK	1	74	1	0	24.51
15MHz/10MHz	2588.1	2600.1	QPSK	75	0	50	0	22.62
15MHz/10MHz	2588.1	2600.1	16QAM	1	74	1	0	23.53
15MHz/10MHz	2588.1	2600.1	16QAM	75	0	50	0	21.65
15MHz/10MHz	2588.1	2600.1	Q64	1	74	1	0	22.59
15MHz/10MHz	2588.1	2600.1	Q64	75	0	50	0	21.66
15MHz/10MHz	2588.1	2600.1	Q256	1	74	1	0	19.54
15MHz/10MHz	2588.1	2600.1	Q256	75	0	50	0	19.65
15MHz/15MHz	2585.5	2600.5	QPSK	1	74	1	0	24.41
15MHz/15MHz	2585.5	2600.5	QPSK	75	0	75	0	22.65
15MHz/15MHz	2585.5	2600.5	16QAM	1	74	1	0	23.65
15MHz/15MHz	2585.5	2600.5	16QAM	75	0	75	0	21.65
15MHz/15MHz	2585.5	2600.5	Q64	1	74	1	0	22.66
15MHz/15MHz	2585.5	2600.5	Q64	75	0	75	0	21.67
15MHz/15MHz	2585.5	2600.5	Q256	1	74	1	0	19.47
15MHz/15MHz	2585.5	2600.5	Q256	75	0	75	0	19.90
15MHz/20MHz	2583.3	2600.4	QPSK	1	74	1	0	25.01
15MHz/20MHz	2583.3	2600.4	QPSK	75	0	100	0	22.89
15MHz/20MHz	2583.3	2600.4	16QAM	1	74	1	0	24.05
15MHz/20MHz	2583.3	2600.4	16QAM	75	0	100	0	21.89
15MHz/20MHz	2583.3	2600.4	Q64	1	74	1	0	23.19
15MHz/20MHz	2583.3	2600.4	Q64	75	0	100	0	21.87
15MHz/20MHz	2583.3	2600.4	Q256	1	74	1	0	20.06
15MHz/20MHz	2583.3	2600.4	Q256	75	0	100	0	19.89

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20MHz/5MHz	2590.5	2602.2	QPSK	1	99	1	0	24.74
20MHz/5MHz	2590.5	2602.2	QPSK	100	0	25	0	22.83
20MHz/5MHz	2590.5	2602.2	16QAM	1	99	1	0	23.70
20MHz/5MHz	2590.5	2602.2	16QAM	100	0	25	0	21.83
20MHz/5MHz	2590.5	2602.2	Q64	1	99	1	0	22.71
20MHz/5MHz	2590.5	2602.2	Q64	100	0	25	0	21.84
20MHz/5MHz	2590.5	2602.2	Q256	1	99	1	0	19.70
20MHz/5MHz	2590.5	2602.2	Q256	100	0	25	0	19.83
20MHz/10MHz	2588.1	2602.5	QPSK	1	99	1	0	24.87
20MHz/10MHz	2588.1	2602.5	QPSK	100	0	50	0	22.82
20MHz/10MHz	2588.1	2602.5	16QAM	1	99	1	0	23.84
20MHz/10MHz	2588.1	2602.5	16QAM	100	0	50	0	21.85
20MHz/10MHz	2588.1	2602.5	Q64	1	99	1	0	22.82
20MHz/10MHz	2588.1	2602.5	Q64	100	0	50	0	21.86
20MHz/10MHz	2588.1	2602.5	Q256	1	99	1	0	19.88
20MHz/10MHz	2588.1	2602.5	Q256	100	0	50	0	19.85
20MHz/15MHz	2585.6	2602.7	QPSK	1	99	1	0	25.02
20MHz/15MHz	2585.6	2602.7	QPSK	100	0	75	0	22.83
20MHz/15MHz	2585.6	2602.7	16QAM	1	99	1	0	23.96
20MHz/15MHz	2585.6	2602.7	16QAM	100	0	75	0	21.83
20MHz/15MHz	2585.6	2602.7	Q64	1	99	1	0	22.98
20MHz/15MHz	2585.6	2602.7	Q64	100	0	75	0	21.81
20MHz/15MHz	2585.6	2602.7	Q256	1	99	1	0	19.97
20MHz/15MHz	2585.6	2602.7	Q256	100	0	75	0	19.84
20MHz/20MHz	2583.1	2602.9	QPSK	1	99	1	0	25.05
20MHz/20MHz	2583.1	2602.9	QPSK	100	0	100	0	22.84
20MHz/20MHz	2583.1	2602.9	16QAM	1	99	1	0	24.02
20MHz/20MHz	2583.1	2602.9	16QAM	100	0	100	0	21.81
20MHz/20MHz	2583.1	2602.9	Q64	1	99	1	0	22.57
20MHz/20MHz	2583.1	2602.9	Q64	100	0	100	0	21.69
20MHz/20MHz	2583.1	2602.9	Q256	1	99	1	0	19.57
20MHz/20MHz	2583.1	2602.9	Q256	100	0	100	0	19.70

LTE CA_2A-4A

PCC Power (dBm)							SCC Power (dBm)						
LTE Band	BW (MHz)	Frequency (MHz)	RB No	RB offset	Modulation	AVG Power (dBm)	LTE Band	BW (MHz)	Frequency (MHz)	RB No	RB offset	Modulation	AVG Power (dBm)
2	1.4MHz	1880	1	5	QPSK	20.69	4	5MHz	1732.5	1	0	QPSK	20.78

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2	1.4MHz	1880	1	0	QPSK	20.81	4	5MHz	1732.5	1	24	QPSK	20.68
2	1.4MHz	1880	6	0	QPSK	20.81	4	5MHz	1732.5	25	0	QPSK	20.74
2	1.4MHz	1880	1	5	16QAM	20.72	4	5MHz	1732.5	1	0	16QAM	20.81
2	1.4MHz	1880	1	0	16QAM	20.76	4	5MHz	1732.5	1	24	16QAM	20.65
2	1.4MHz	1880	6	0	16QAM	20.86	4	5MHz	1732.5	25	0	16QAM	20.75
2	1.4MHz	1880	1	5	Q64	20.80	4	5MHz	1732.5	1	0	Q64	20.90
2	1.4MHz	1880	1	0	Q64	21.00	4	5MHz	1732.5	1	24	Q64	20.77
2	1.4MHz	1880	6	0	Q64	20.02	4	5MHz	1732.5	25	0	Q64	19.96
2	1.4MHz	1880	1	5	Q256	18.05	4	5MHz	1732.5	1	0	Q256	17.97
2	1.4MHz	1880	1	0	Q256	18.05	4	5MHz	1732.5	1	24	Q256	17.84
2	1.4MHz	1880	6	0	Q256	17.99	4	5MHz	1732.5	25	0	Q256	18.00
2	1.4MHz	1880	1	5	QPSK	20.88	4	10MHz	1732.5	1	0	QPSK	20.77
2	1.4MHz	1880	1	0	QPSK	20.98	4	10MHz	1732.5	1	49	QPSK	20.63
2	1.4MHz	1880	6	0	QPSK	20.93	4	10MHz	1732.5	50	0	QPSK	20.76
2	1.4MHz	1880	1	5	16QAM	20.82	4	10MHz	1732.5	1	0	16QAM	20.77
2	1.4MHz	1880	1	0	16QAM	20.93	4	10MHz	1732.5	1	49	16QAM	20.56
2	1.4MHz	1880	6	0	16QAM	20.96	4	10MHz	1732.5	50	0	16QAM	20.80
2	1.4MHz	1880	1	5	Q64	20.98	4	10MHz	1732.5	1	0	Q64	20.86
2	1.4MHz	1880	1	0	Q64	21.05	4	10MHz	1732.5	1	49	Q64	20.64
2	1.4MHz	1880	6	0	Q64	20.13	4	10MHz	1732.5	50	0	Q64	19.99
2	1.4MHz	1880	1	5	Q256	18.14	4	10MHz	1732.5	1	0	Q256	18.03
2	1.4MHz	1880	1	0	Q256	18.21	4	10MHz	1732.5	1	49	Q256	17.81
2	1.4MHz	1880	6	0	Q256	18.15	4	10MHz	1732.5	50	0	Q256	18.00
2	1.4MHz	1880	1	5	QPSK	20.97	4	15MHz	1732.5	1	0	QPSK	20.57
2	1.4MHz	1880	1	0	QPSK	21.04	4	15MHz	1732.5	1	74	QPSK	20.20
2	1.4MHz	1880	6	0	QPSK	21.03	4	15MHz	1732.5	75	0	QPSK	20.45
2	1.4MHz	1880	1	5	16QAM	20.92	4	15MHz	1732.5	1	0	16QAM	20.55
2	1.4MHz	1880	1	0	16QAM	21.03	4	15MHz	1732.5	1	74	16QAM	20.22
2	1.4MHz	1880	6	0	16QAM	21.04	4	15MHz	1732.5	75	0	16QAM	20.45
2	1.4MHz	1880	1	5	Q64	21.07	4	15MHz	1732.5	1	0	Q64	20.60
2	1.4MHz	1880	1	0	Q64	21.11	4	15MHz	1732.5	1	74	Q64	20.28
2	1.4MHz	1880	6	0	Q64	20.25	4	15MHz	1732.5	75	0	Q64	19.65
2	1.4MHz	1880	1	5	Q256	18.15	4	15MHz	1732.5	1	0	Q256	17.68
2	1.4MHz	1880	1	0	Q256	18.26	4	15MHz	1732.5	1	74	Q256	17.34
2	1.4MHz	1880	6	0	Q256	18.24	4	15MHz	1732.5	75	0	Q256	17.67
2	1.4MHz	1880	1	5	QPSK	20.90	4	20MHz	1732.5	1	0	QPSK	20.56
2	1.4MHz	1880	1	0	QPSK	20.98	4	20MHz	1732.5	1	99	QPSK	20.21

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2	1.4MHz	1880	6	0	QPSK	20.96	4	20MHz	1732.5	100	0	QPSK	20.44
2	1.4MHz	1880	1	5	16QAM	20.89	4	20MHz	1732.5	1	0	16QAM	20.47
2	1.4MHz	1880	1	0	16QAM	20.87	4	20MHz	1732.5	1	99	16QAM	20.10
2	1.4MHz	1880	6	0	16QAM	20.95	4	20MHz	1732.5	100	0	16QAM	20.45
2	1.4MHz	1880	1	5	Q64	21.05	4	20MHz	1732.5	1	0	Q64	20.72
2	1.4MHz	1880	1	0	Q64	21.05	4	20MHz	1732.5	1	99	Q64	20.21
2	1.4MHz	1880	6	0	Q64	20.17	4	20MHz	1732.5	100	0	Q64	19.64
2	1.4MHz	1880	1	5	Q256	18.12	4	20MHz	1732.5	1	0	Q256	17.67
2	1.4MHz	1880	1	0	Q256	18.12	4	20MHz	1732.5	1	99	Q256	17.25
2	1.4MHz	1880	6	0	Q256	18.15	4	20MHz	1732.5	100	0	Q256	17.66
2	3MHz	1880	1	14	QPSK	20.95	4	5MHz	1732.5	1	0	QPSK	20.89
2	3MHz	1880	1	0	QPSK	21.10	4	5MHz	1732.5	1	24	QPSK	20.78
2	3MHz	1880	15	0	QPSK	21.00	4	5MHz	1732.5	25	0	QPSK	20.76
2	3MHz	1880	1	14	16QAM	20.84	4	5MHz	1732.5	1	0	16QAM	20.75
2	3MHz	1880	1	0	16QAM	21.13	4	5MHz	1732.5	1	24	16QAM	20.72
2	3MHz	1880	15	0	16QAM	21.01	4	5MHz	1732.5	25	0	16QAM	20.81
2	3MHz	1880	1	14	Q64	21.03	4	5MHz	1732.5	1	0	Q64	20.92
2	3MHz	1880	1	0	Q64	21.21	4	5MHz	1732.5	1	24	Q64	20.85
2	3MHz	1880	15	0	Q64	20.20	4	5MHz	1732.5	25	0	Q64	19.99
2	3MHz	1880	1	14	Q256	18.05	4	5MHz	1732.5	1	0	Q256	17.96
2	3MHz	1880	1	0	Q256	18.30	4	5MHz	1732.5	1	24	Q256	17.90
2	3MHz	1880	15	0	Q256	18.25	4	5MHz	1732.5	25	0	Q256	18.05
2	3MHz	1880	1	14	QPSK	20.90	4	10MHz	1732.5	1	0	QPSK	20.82
2	3MHz	1880	1	0	QPSK	21.05	4	10MHz	1732.5	1	49	QPSK	20.64
2	3MHz	1880	15	0	QPSK	20.95	4	10MHz	1732.5	50	0	QPSK	20.79
2	3MHz	1880	1	14	16QAM	20.95	4	10MHz	1732.5	1	0	16QAM	20.71
2	3MHz	1880	1	0	16QAM	21.08	4	10MHz	1732.5	1	49	16QAM	20.52
2	3MHz	1880	15	0	16QAM	20.95	4	10MHz	1732.5	50	0	16QAM	20.79
2	3MHz	1880	1	14	Q64	21.02	4	10MHz	1732.5	1	0	Q64	20.97
2	3MHz	1880	1	0	Q64	21.11	4	10MHz	1732.5	1	49	Q64	20.68
2	3MHz	1880	15	0	Q64	20.18	4	10MHz	1732.5	50	0	Q64	20.01
2	3MHz	1880	1	14	Q256	17.94	4	10MHz	1732.5	1	0	Q256	18.08
2	3MHz	1880	1	0	Q256	18.31	4	10MHz	1732.5	1	49	Q256	17.82
2	3MHz	1880	15	0	Q256	18.18	4	10MHz	1732.5	50	0	Q256	18.05
2	3MHz	1880	1	14	QPSK	20.90	4	15MHz	1732.5	1	0	QPSK	20.57
2	3MHz	1880	1	0	QPSK	21.07	4	15MHz	1732.5	1	74	QPSK	20.22
2	3MHz	1880	15	0	QPSK	20.95	4	15MHz	1732.5	75	0	QPSK	20.44

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2	3MHz	1880	1	14	16QAM	20.98	4	15MHz	1732.5	1	0	16QAM	20.40
2	3MHz	1880	1	0	16QAM	21.10	4	15MHz	1732.5	1	74	16QAM	20.21
2	3MHz	1880	15	0	16QAM	20.91	4	15MHz	1732.5	75	0	16QAM	20.45
2	3MHz	1880	1	14	Q64	20.98	4	15MHz	1732.5	1	0	Q64	20.59
2	3MHz	1880	1	0	Q64	21.16	4	15MHz	1732.5	1	74	Q64	20.35
2	3MHz	1880	15	0	Q64	20.13	4	15MHz	1732.5	75	0	Q64	19.67
2	3MHz	1880	1	14	Q256	18.08	4	15MHz	1732.5	1	0	Q256	17.67
2	3MHz	1880	1	0	Q256	18.20	4	15MHz	1732.5	1	74	Q256	17.39
2	3MHz	1880	15	0	Q256	18.19	4	15MHz	1732.5	75	0	Q256	17.67
2	3MHz	1880	1	14	QPSK	20.99	4	20MHz	1732.5	1	0	QPSK	20.55
2	3MHz	1880	1	0	QPSK	21.09	4	20MHz	1732.5	1	99	QPSK	20.16
2	3MHz	1880	15	0	QPSK	21.00	4	20MHz	1732.5	100	0	QPSK	20.42
2	3MHz	1880	1	14	16QAM	20.96	4	20MHz	1732.5	1	0	16QAM	20.38
2	3MHz	1880	1	0	16QAM	21.10	4	20MHz	1732.5	1	99	16QAM	20.07
2	3MHz	1880	15	0	16QAM	21.00	4	20MHz	1732.5	100	0	16QAM	20.45
2	3MHz	1880	1	14	Q64	21.07	4	20MHz	1732.5	1	0	Q64	20.59
2	3MHz	1880	1	0	Q64	21.20	4	20MHz	1732.5	1	99	Q64	20.22
2	3MHz	1880	15	0	Q64	20.21	4	20MHz	1732.5	100	0	Q64	19.65
2	3MHz	1880	1	14	Q256	18.15	4	20MHz	1732.5	1	0	Q256	17.76
2	3MHz	1880	1	0	Q256	18.41	4	20MHz	1732.5	1	99	Q256	17.24
2	3MHz	1880	15	0	Q256	18.25	4	20MHz	1732.5	100	0	Q256	17.68
2	5MHz	1880	1	24	QPSK	20.96	4	5MHz	1732.5	1	0	QPSK	20.86
2	5MHz	1880	1	0	QPSK	21.22	4	5MHz	1732.5	1	24	QPSK	20.75
2	5MHz	1880	25	0	QPSK	21.03	4	5MHz	1732.5	25	0	QPSK	20.77
2	5MHz	1880	1	24	16QAM	21.01	4	5MHz	1732.5	1	0	16QAM	20.83
2	5MHz	1880	1	0	16QAM	21.20	4	5MHz	1732.5	1	24	16QAM	20.70
2	5MHz	1880	25	0	16QAM	20.54	4	5MHz	1732.5	25	0	16QAM	20.31
2	5MHz	1880	1	24	Q64	20.47	4	5MHz	1732.5	1	0	Q64	20.45
2	5MHz	1880	1	0	Q64	21.14	4	5MHz	1732.5	1	24	Q64	20.76
2	5MHz	1880	25	0	Q64	19.77	4	5MHz	1732.5	25	0	Q64	19.50
2	5MHz	1880	1	24	Q256	17.81	4	5MHz	1732.5	1	0	Q256	17.67
2	5MHz	1880	1	0	Q256	18.33	4	5MHz	1732.5	1	24	Q256	17.93
2	5MHz	1880	25	0	Q256	17.79	4	5MHz	1732.5	25	0	Q256	17.55
2	5MHz	1880	1	24	QPSK	20.97	4	10MHz	1732.5	1	0	QPSK	20.80
2	5MHz	1880	1	0	QPSK	21.17	4	10MHz	1732.5	1	49	QPSK	20.60
2	5MHz	1880	25	0	QPSK	21.02	4	10MHz	1732.5	50	0	QPSK	20.81
2	5MHz	1880	1	24	16QAM	20.93	4	10MHz	1732.5	1	0	16QAM	20.91

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2	5MHz	1880	1	0	16QAM	21.24	4	10MHz	1732.5	1	49	16QAM	20.66
2	5MHz	1880	25	0	16QAM	20.56	4	10MHz	1732.5	50	0	16QAM	20.36
2	5MHz	1880	1	24	Q64	20.62	4	10MHz	1732.5	1	0	Q64	20.57
2	5MHz	1880	1	0	Q64	21.18	4	10MHz	1732.5	1	49	Q64	20.65
2	5MHz	1880	25	0	Q64	19.79	4	10MHz	1732.5	50	0	Q64	19.55
2	5MHz	1880	1	24	Q256	17.85	4	10MHz	1732.5	1	0	Q256	17.74
2	5MHz	1880	1	0	Q256	18.46	4	10MHz	1732.5	1	49	Q256	17.88
2	5MHz	1880	25	0	Q256	18.23	4	10MHz	1732.5	50	0	Q256	18.01
2	5MHz	1880	1	24	QPSK	20.98	4	15MHz	1732.5	1	0	QPSK	20.51
2	5MHz	1880	1	0	QPSK	21.23	4	15MHz	1732.5	1	74	QPSK	20.19
2	5MHz	1880	25	0	QPSK	21.03	4	15MHz	1732.5	75	0	QPSK	20.41
2	5MHz	1880	1	24	16QAM	20.96	4	15MHz	1732.5	1	0	16QAM	20.53
2	5MHz	1880	1	0	16QAM	21.21	4	15MHz	1732.5	1	74	16QAM	20.27
2	5MHz	1880	25	0	16QAM	20.59	4	15MHz	1732.5	75	0	16QAM	20.05
2	5MHz	1880	1	24	Q64	20.93	4	15MHz	1732.5	1	0	Q64	20.51
2	5MHz	1880	1	0	Q64	21.07	4	15MHz	1732.5	1	74	Q64	20.23
2	5MHz	1880	25	0	Q64	20.23	4	15MHz	1732.5	75	0	Q64	19.64
2	5MHz	1880	1	24	Q256	18.09	4	15MHz	1732.5	1	0	Q256	17.77
2	5MHz	1880	1	0	Q256	18.50	4	15MHz	1732.5	1	74	Q256	17.46
2	5MHz	1880	25	0	Q256	18.24	4	15MHz	1732.5	75	0	Q256	17.65
2	5MHz	1880	1	24	QPSK	20.95	4	20MHz	1732.5	1	0	QPSK	20.51
2	5MHz	1880	1	0	QPSK	21.20	4	20MHz	1732.5	1	99	QPSK	20.19
2	5MHz	1880	25	0	QPSK	21.06	4	20MHz	1732.5	100	0	QPSK	20.41
2	5MHz	1880	1	24	16QAM	20.98	4	20MHz	1732.5	1	0	16QAM	20.55
2	5MHz	1880	1	0	16QAM	21.15	4	20MHz	1732.5	1	99	16QAM	20.19
2	5MHz	1880	25	0	16QAM	21.04	4	20MHz	1732.5	100	0	16QAM	20.44
2	5MHz	1880	1	24	Q64	21.00	4	20MHz	1732.5	1	0	Q64	20.60
2	5MHz	1880	1	0	Q64	21.14	4	20MHz	1732.5	1	99	Q64	20.15
2	5MHz	1880	25	0	Q64	20.24	4	20MHz	1732.5	100	0	Q64	19.63
2	5MHz	1880	1	24	Q256	18.20	4	20MHz	1732.5	1	0	Q256	17.81
2	5MHz	1880	1	0	Q256	18.52	4	20MHz	1732.5	1	99	Q256	17.37
2	5MHz	1880	25	0	Q256	18.24	4	20MHz	1732.5	100	0	Q256	17.64
2	10MHz	1880	1	49	QPSK	20.98	4	5MHz	1732.5	1	0	QPSK	20.85
2	10MHz	1880	1	0	QPSK	21.23	4	5MHz	1732.5	1	24	QPSK	20.73
2	10MHz	1880	50	0	QPSK	21.09	4	5MHz	1732.5	25	0	QPSK	20.80
2	10MHz	1880	1	49	16QAM	20.96	4	5MHz	1732.5	1	0	16QAM	20.81
2	10MHz	1880	1	0	16QAM	21.18	4	5MHz	1732.5	1	24	16QAM	20.71

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2	10MHz	1880	50	0	16QAM	20.55	4	5MHz	1732.5	25	0	16QAM	20.32
2	10MHz	1880	1	49	Q64	20.62	4	5MHz	1732.5	1	0	Q64	20.48
2	10MHz	1880	1	0	Q64	21.28	4	5MHz	1732.5	1	24	Q64	20.85
2	10MHz	1880	50	0	Q64	19.80	4	5MHz	1732.5	25	0	Q64	19.54
2	10MHz	1880	1	49	Q256	17.74	4	5MHz	1732.5	1	0	Q256	17.73
2	10MHz	1880	1	0	Q256	18.41	4	5MHz	1732.5	1	24	Q256	17.79
2	10MHz	1880	50	0	Q256	18.26	4	5MHz	1732.5	25	0	Q256	18.04
2	10MHz	1880	1	49	QPSK	20.96	4	10MHz	1732.5	1	0	QPSK	20.84
2	10MHz	1880	1	0	QPSK	21.22	4	10MHz	1732.5	1	49	QPSK	20.64
2	10MHz	1880	50	0	QPSK	20.61	4	10MHz	1732.5	50	0	QPSK	20.33
2	10MHz	1880	1	49	16QAM	20.62	4	10MHz	1732.5	1	0	16QAM	20.44
2	10MHz	1880	1	0	16QAM	20.59	4	10MHz	1732.5	1	49	16QAM	19.89
2	10MHz	1880	50	0	16QAM	21.03	4	10MHz	1732.5	50	0	16QAM	20.75
2	10MHz	1880	1	49	Q64	21.02	4	10MHz	1732.5	1	0	Q64	20.93
2	10MHz	1880	1	0	Q64	21.23	4	10MHz	1732.5	1	49	Q64	20.67
2	10MHz	1880	50	0	Q64	20.23	4	10MHz	1732.5	50	0	Q64	19.78
2	10MHz	1880	1	49	Q256	18.08	4	10MHz	1732.5	1	0	Q256	17.98
2	10MHz	1880	1	0	Q256	18.51	4	10MHz	1732.5	1	49	Q256	17.67
2	10MHz	1880	50	0	Q256	18.27	4	10MHz	1732.5	50	0	Q256	18.01
2	10MHz	1880	1	49	QPSK	20.94	4	15MHz	1732.5	1	0	QPSK	20.49
2	10MHz	1880	1	0	QPSK	21.22	4	15MHz	1732.5	1	74	QPSK	20.19
2	10MHz	1880	50	0	QPSK	21.07	4	15MHz	1732.5	75	0	QPSK	20.43
2	10MHz	1880	1	49	16QAM	20.93	4	15MHz	1732.5	1	0	16QAM	20.37
2	10MHz	1880	1	0	16QAM	21.31	4	15MHz	1732.5	1	74	16QAM	20.14
2	10MHz	1880	50	0	16QAM	21.09	4	15MHz	1732.5	75	0	16QAM	20.56
2	10MHz	1880	1	49	Q64	20.95	4	15MHz	1732.5	1	0	Q64	20.54
2	10MHz	1880	1	0	Q64	21.23	4	15MHz	1732.5	1	74	Q64	20.33
2	10MHz	1880	50	0	Q64	20.26	4	15MHz	1732.5	75	0	Q64	19.67
2	10MHz	1880	1	49	Q256	18.05	4	15MHz	1732.5	1	0	Q256	17.70
2	10MHz	1880	1	0	Q256	18.50	4	15MHz	1732.5	1	74	Q256	17.32
2	10MHz	1880	50	0	Q256	18.29	4	15MHz	1732.5	75	0	Q256	17.67
2	10MHz	1880	1	49	QPSK	20.94	4	20MHz	1732.5	1	0	QPSK	20.50
2	10MHz	1880	1	0	QPSK	21.21	4	20MHz	1732.5	1	99	QPSK	20.10
2	10MHz	1880	50	0	QPSK	21.07	4	20MHz	1732.5	100	0	QPSK	20.43
2	10MHz	1880	1	49	16QAM	21.00	4	20MHz	1732.5	1	0	16QAM	20.43
2	10MHz	1880	1	0	16QAM	21.29	4	20MHz	1732.5	1	99	16QAM	20.06
2	10MHz	1880	50	0	16QAM	21.08	4	20MHz	1732.5	100	0	16QAM	20.47

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2	10MHz	1880	1	49	Q64	20.59	4	20MHz	1732.5	1	0	Q64	20.55
2	10MHz	1880	1	0	Q64	20.57	4	20MHz	1732.5	1	99	Q64	19.78
2	10MHz	1880	50	0	Q64	20.25	4	20MHz	1732.5	100	0	Q64	19.66
2	10MHz	1880	1	49	Q256	18.12	4	20MHz	1732.5	1	0	Q256	17.67
2	10MHz	1880	1	0	Q256	18.40	4	20MHz	1732.5	1	99	Q256	17.24
2	10MHz	1880	50	0	Q256	18.27	4	20MHz	1732.5	100	0	Q256	17.66
2	15MHz	1880	1	74	QPSK	20.74	4	5MHz	1732.5	1	0	QPSK	20.85
2	15MHz	1880	1	0	QPSK	20.95	4	5MHz	1732.5	1	24	QPSK	20.75
2	15MHz	1880	75	0	QPSK	20.79	4	5MHz	1732.5	25	0	QPSK	20.77
2	15MHz	1880	1	74	16QAM	20.79	4	5MHz	1732.5	1	0	16QAM	20.75
2	15MHz	1880	1	0	16QAM	20.96	4	5MHz	1732.5	1	24	16QAM	20.62
2	15MHz	1880	75	0	16QAM	20.28	4	5MHz	1732.5	25	0	16QAM	20.36
2	15MHz	1880	1	74	Q64	20.32	4	5MHz	1732.5	1	0	Q64	20.57
2	15MHz	1880	1	0	Q64	20.98	4	5MHz	1732.5	1	24	Q64	20.77
2	15MHz	1880	75	0	Q64	19.95	4	5MHz	1732.5	25	0	Q64	19.97
2	15MHz	1880	1	74	Q256	17.85	4	5MHz	1732.5	1	0	Q256	18.08
2	15MHz	1880	1	0	Q256	18.28	4	5MHz	1732.5	1	24	Q256	17.99
2	15MHz	1880	75	0	Q256	17.96	4	5MHz	1732.5	25	0	Q256	17.99
2	15MHz	1880	1	74	QPSK	20.76	4	10MHz	1732.5	1	0	QPSK	20.82
2	15MHz	1880	1	0	QPSK	20.97	4	10MHz	1732.5	1	49	QPSK	20.64
2	15MHz	1880	75	0	QPSK	20.80	4	10MHz	1732.5	50	0	QPSK	20.82
2	15MHz	1880	1	74	16QAM	20.83	4	10MHz	1732.5	1	0	16QAM	20.68
2	15MHz	1880	1	0	16QAM	20.93	4	10MHz	1732.5	1	49	16QAM	20.60
2	15MHz	1880	75	0	16QAM	20.26	4	10MHz	1732.5	50	0	16QAM	20.34
2	15MHz	1880	1	74	Q64	20.40	4	10MHz	1732.5	1	0	Q64	20.56
2	15MHz	1880	1	0	Q64	20.88	4	10MHz	1732.5	1	49	Q64	20.64
2	15MHz	1880	75	0	Q64	19.95	4	10MHz	1732.5	50	0	Q64	20.01
2	15MHz	1880	1	74	Q256	17.93	4	10MHz	1732.5	1	0	Q256	18.08
2	15MHz	1880	1	0	Q256	18.15	4	10MHz	1732.5	1	49	Q256	17.75
2	15MHz	1880	75	0	Q256	17.99	4	10MHz	1732.5	50	0	Q256	18.02
2	15MHz	1880	1	74	QPSK	20.78	4	15MHz	1732.5	1	0	QPSK	20.50
2	15MHz	1880	1	0	QPSK	20.97	4	15MHz	1732.5	1	74	QPSK	20.24
2	15MHz	1880	75	0	QPSK	20.83	4	15MHz	1732.5	75	0	QPSK	20.45
2	15MHz	1880	1	74	16QAM	20.77	4	15MHz	1732.5	1	0	16QAM	20.28
2	15MHz	1880	1	0	16QAM	20.98	4	15MHz	1732.5	1	74	16QAM	20.09
2	15MHz	1880	75	0	16QAM	20.26	4	15MHz	1732.5	75	0	16QAM	20.07
2	15MHz	1880	1	74	Q64	20.30	4	15MHz	1732.5	1	0	Q64	20.46

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2	15MHz	1880	1	0	Q64	20.29	4	15MHz	1732.5	1	74	Q64	19.81
2	15MHz	1880	75	0	Q64	19.95	4	15MHz	1732.5	75	0	Q64	19.64
2	15MHz	1880	1	74	Q256	17.83	4	15MHz	1732.5	1	0	Q256	17.69
2	15MHz	1880	1	0	Q256	18.14	4	15MHz	1732.5	1	74	Q256	17.36
2	15MHz	1880	75	0	Q256	17.99	4	15MHz	1732.5	75	0	Q256	17.67
2	15MHz	1880	1	74	QPSK	20.74	4	20MHz	1732.5	1	0	QPSK	20.49
2	15MHz	1880	1	0	QPSK	20.95	4	20MHz	1732.5	1	99	QPSK	20.17
2	15MHz	1880	75	0	QPSK	20.80	4	20MHz	1732.5	100	0	QPSK	20.45
2	15MHz	1880	1	74	16QAM	20.74	4	20MHz	1732.5	1	0	16QAM	20.52
2	15MHz	1880	1	0	16QAM	20.99	4	20MHz	1732.5	1	99	16QAM	20.00
2	15MHz	1880	75	0	16QAM	20.29	4	20MHz	1732.5	100	0	16QAM	20.08
2	15MHz	1880	1	74	Q64	20.39	4	20MHz	1732.5	1	0	Q64	20.44
2	15MHz	1880	1	0	Q64	21.01	4	20MHz	1732.5	1	99	Q64	20.19
2	15MHz	1880	75	0	Q64	19.93	4	20MHz	1732.5	100	0	Q64	19.66
2	15MHz	1880	1	74	Q256	17.90	4	20MHz	1732.5	1	0	Q256	17.77
2	15MHz	1880	1	0	Q256	18.10	4	20MHz	1732.5	1	99	Q256	17.26
2	15MHz	1880	75	0	Q256	17.97	4	20MHz	1732.5	100	0	Q256	17.64
2	20MHz	1880	1	99	QPSK	20.83	4	5MHz	1732.5	1	0	QPSK	20.83
2	20MHz	1880	1	0	QPSK	20.96	4	5MHz	1732.5	1	24	QPSK	20.75
2	20MHz	1880	100	0	QPSK	20.83	4	5MHz	1732.5	25	0	QPSK	20.80
2	20MHz	1880	1	99	16QAM	20.88	4	5MHz	1732.5	1	0	16QAM	20.91
2	20MHz	1880	1	0	16QAM	20.95	4	5MHz	1732.5	1	24	16QAM	20.77
2	20MHz	1880	100	0	16QAM	20.82	4	5MHz	1732.5	25	0	16QAM	20.82
2	20MHz	1880	1	99	Q64	20.98	4	5MHz	1732.5	1	0	Q64	20.91
2	20MHz	1880	1	0	Q64	20.91	4	5MHz	1732.5	1	24	Q64	20.83
2	20MHz	1880	100	0	Q64	20.05	4	5MHz	1732.5	25	0	Q64	20.00
2	20MHz	1880	1	99	Q256	18.06	4	5MHz	1732.5	1	0	Q256	17.87
2	20MHz	1880	1	0	Q256	17.77	4	5MHz	1732.5	1	24	Q256	17.46
2	20MHz	1880	100	0	Q256	17.95	4	5MHz	1732.5	25	0	Q256	17.68
2	20MHz	1880	1	99	QPSK	20.90	4	10MHz	1732.5	1	0	QPSK	20.67
2	20MHz	1880	1	0	QPSK	20.57	4	10MHz	1732.5	1	49	QPSK	20.20
2	20MHz	1880	100	0	QPSK	20.78	4	10MHz	1732.5	50	0	QPSK	20.46
2	20MHz	1880	1	99	16QAM	21.03	4	10MHz	1732.5	1	0	16QAM	20.67
2	20MHz	1880	1	0	16QAM	20.58	4	10MHz	1732.5	1	49	16QAM	20.28
2	20MHz	1880	100	0	16QAM	20.79	4	10MHz	1732.5	50	0	16QAM	20.47
2	20MHz	1880	1	99	Q64	20.99	4	10MHz	1732.5	1	0	Q64	20.75
2	20MHz	1880	1	0	Q64	20.57	4	10MHz	1732.5	1	49	Q64	20.24

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2	20MHz	1880	100	0	Q64	19.95	4	10MHz	1732.5	50	0	Q64	19.65
2	20MHz	1880	1	99	Q256	17.93	4	10MHz	1732.5	1	0	Q256	17.89
2	20MHz	1880	1	0	Q256	17.86	4	10MHz	1732.5	1	49	Q256	17.38
2	20MHz	1880	100	0	Q256	17.99	4	10MHz	1732.5	50	0	Q256	17.74
2	20MHz	1880	1	99	QPSK	20.91	4	15MHz	1732.5	1	0	QPSK	20.43
2	20MHz	1880	1	0	QPSK	20.53	4	15MHz	1732.5	1	74	QPSK	19.93
2	20MHz	1880	100	0	QPSK	20.75	4	15MHz	1732.5	75	0	QPSK	20.15
2	20MHz	1880	1	99	16QAM	20.90	4	15MHz	1732.5	1	0	16QAM	20.36
2	20MHz	1880	1	0	16QAM	20.63	4	15MHz	1732.5	1	74	16QAM	19.84
2	20MHz	1880	100	0	16QAM	20.76	4	15MHz	1732.5	75	0	16QAM	20.16
2	20MHz	1880	1	99	Q64	20.98	4	15MHz	1732.5	1	0	Q64	20.45
2	20MHz	1880	1	0	Q64	20.59	4	15MHz	1732.5	1	74	Q64	19.91
2	20MHz	1880	100	0	Q64	19.93	4	15MHz	1732.5	75	0	Q64	19.37
2	20MHz	1880	1	99	Q256	18.16	4	15MHz	1732.5	1	0	Q256	17.56
2	20MHz	1880	1	0	Q256	17.80	4	15MHz	1732.5	1	74	Q256	16.92
2	20MHz	1880	100	0	Q256	17.97	4	15MHz	1732.5	75	0	Q256	17.38
2	20MHz	1880	1	99	QPSK	20.86	4	20MHz	1732.5	1	0	QPSK	20.39
2	20MHz	1880	1	0	QPSK	20.51	4	20MHz	1732.5	1	99	QPSK	19.98
2	20MHz	1880	100	0	QPSK	20.75	4	20MHz	1732.5	100	0	QPSK	20.15
2	20MHz	1880	1	99	16QAM	20.94	4	20MHz	1732.5	1	0	16QAM	20.37
2	20MHz	1880	1	0	16QAM	20.58	4	20MHz	1732.5	1	99	16QAM	19.99
2	20MHz	1880	100	0	16QAM	20.74	4	20MHz	1732.5	100	0	16QAM	20.17
2	20MHz	1880	1	99	Q64	20.89	4	20MHz	1732.5	1	0	Q64	20.38
2	20MHz	1880	1	0	Q64	20.53	4	20MHz	1732.5	1	99	Q64	19.95
2	20MHz	1880	100	0	Q64	19.94	4	20MHz	1732.5	100	0	Q64	19.39
2	20MHz	1880	1	99	Q256	18.03	4	20MHz	1732.5	1	0	Q256	17.52
2	20MHz	1880	1	0	Q256	17.73	4	20MHz	1732.5	1	99	Q256	17.11
2	20MHz	1880	100	0	Q256	17.95	4	20MHz	1732.5	100	0	Q256	17.39

LTE CA_2A-12A

PCC Power (dBm)							SCC Power (dBm)						
LTE Band	BW (MHz)	Frequency(MHz)	RB No	RB offset	Modulation	AVG Power (dBm)	LTE Band	BW (MHz)	Frequency(MHz)	RB No	RB offset	Modulation	AVG Power (dBm)
2	5MHz	1880	1	24	QPSK	21.34	12	3MHz	707.5	1	0	QPSK	22.35

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2	5MHz	1880	1	0	QPSK	21.36	12	3MHz	707.5	1	14	QPSK	22.48
2	5MHz	1880	25	0	QPSK	21.37	12	3MHz	707.5	15	0	QPSK	22.45
2	5MHz	1880	1	24	16QAM	21.34	12	3MHz	707.5	1	0	16QAM	22.43
2	5MHz	1880	1	0	16QAM	21.35	12	3MHz	707.5	1	14	16QAM	22.58
2	5MHz	1880	25	0	16QAM	21.13	12	3MHz	707.5	15	0	16QAM	22.23
2	5MHz	1880	1	24	Q64	21.11	12	3MHz	707.5	1	0	Q64	22.07
2	5MHz	1880	1	0	Q64	21.00	12	3MHz	707.5	1	14	Q64	22.27
2	5MHz	1880	25	0	Q64	20.17	12	3MHz	707.5	15	0	Q64	21.20
2	5MHz	1880	1	24	Q256	18.53	12	3MHz	707.5	1	0	Q256	19.13
2	5MHz	1880	1	0	Q256	18.09	12	3MHz	707.5	1	14	Q256	19.30
2	5MHz	1880	25	0	Q256	18.12	12	3MHz	707.5	15	0	Q256	19.20
2	5MHz	1880	1	24	QPSK	21.37	12	5MHz	707.5	1	0	QPSK	22.32
2	5MHz	1880	1	0	QPSK	21.39	12	5MHz	707.5	1	24	QPSK	22.62
2	5MHz	1880	25	0	QPSK	21.42	12	5MHz	707.5	25	0	QPSK	22.50
2	5MHz	1880	1	24	16QAM	21.20	12	5MHz	707.5	1	0	16QAM	22.43
2	5MHz	1880	1	0	16QAM	21.39	12	5MHz	707.5	1	24	16QAM	22.67
2	5MHz	1880	25	0	16QAM	20.68	12	5MHz	707.5	25	0	16QAM	21.95
2	5MHz	1880	1	24	Q64	20.63	12	5MHz	707.5	1	0	Q64	21.82
2	5MHz	1880	1	0	Q64	20.95	12	5MHz	707.5	1	24	Q64	22.28
2	5MHz	1880	25	0	Q64	19.71	12	5MHz	707.5	25	0	Q64	20.98
2	5MHz	1880	1	24	Q256	17.59	12	5MHz	707.5	1	0	Q256	18.72
2	5MHz	1880	1	0	Q256	17.68	12	5MHz	707.5	1	24	Q256	19.11
2	5MHz	1880	25	0	Q256	17.70	12	5MHz	707.5	25	0	Q256	18.98
2	5MHz	1880	1	24	QPSK	21.30	12	10MHz	707.5	1	0	QPSK	22.19
2	5MHz	1880	1	0	QPSK	21.35	12	10MHz	707.5	1	49	QPSK	22.64
2	5MHz	1880	25	0	QPSK	21.38	12	10MHz	707.5	50	0	QPSK	22.48
2	5MHz	1880	1	24	16QAM	21.25	12	10MHz	707.5	1	0	16QAM	22.31
2	5MHz	1880	1	0	16QAM	21.37	12	10MHz	707.5	1	49	16QAM	22.77
2	5MHz	1880	25	0	16QAM	20.74	12	10MHz	707.5	50	0	16QAM	21.97
2	5MHz	1880	1	24	Q64	20.68	12	10MHz	707.5	1	0	Q64	21.71
2	5MHz	1880	1	0	Q64	20.99	12	10MHz	707.5	1	49	Q64	22.39
2	5MHz	1880	25	0	Q64	19.52	12	10MHz	707.5	50	0	Q64	20.97
2	5MHz	1880	1	24	Q256	17.60	12	10MHz	707.5	1	0	Q256	18.57
2	5MHz	1880	1	0	Q256	18.07	12	10MHz	707.5	1	49	Q256	19.42
2	5MHz	1880	25	0	Q256	18.05	12	10MHz	707.5	50	0	Q256	19.15
2	10MHz	1880	1	49	QPSK	21.27	12	3MHz	707.5	1	0	QPSK	22.38
2	10MHz	1880	1	0	QPSK	21.22	12	3MHz	707.5	1	14	QPSK	22.48
2	10MHz	1880	50	0	QPSK	21.43	12	3MHz	707.5	15	0	QPSK	22.48

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2	10MHz	1880	1	49	16QAM	20.89	12	3MHz	707.5	1	0	16QAM	22.31
2	10MHz	1880	1	0	16QAM	21.30	12	3MHz	707.5	1	14	16QAM	22.49
2	10MHz	1880	50	0	16QAM	21.18	12	3MHz	707.5	15	0	16QAM	22.19
2	10MHz	1880	1	49	Q64	20.25	12	3MHz	707.5	1	0	Q64	22.22
2	10MHz	1880	1	0	Q64	20.98	12	3MHz	707.5	1	14	Q64	22.30
2	10MHz	1880	50	0	Q64	20.18	12	3MHz	707.5	15	0	Q64	21.20
2	10MHz	1880	1	49	Q256	17.93	12	3MHz	707.5	1	0	Q256	18.92
2	10MHz	1880	1	0	Q256	17.94	12	3MHz	707.5	1	14	Q256	19.15
2	10MHz	1880	50	0	Q256	18.20	12	3MHz	707.5	15	0	Q256	19.19
2	10MHz	1880	1	49	QPSK	21.27	12	5MHz	707.5	1	0	QPSK	22.34
2	10MHz	1880	1	0	QPSK	21.20	12	5MHz	707.5	1	24	QPSK	22.61
2	10MHz	1880	50	0	QPSK	21.40	12	5MHz	707.5	25	0	QPSK	22.47
2	10MHz	1880	1	49	16QAM	20.74	12	5MHz	707.5	1	0	16QAM	22.13
2	10MHz	1880	1	0	16QAM	21.17	12	5MHz	707.5	1	24	16QAM	22.50
2	10MHz	1880	50	0	16QAM	21.11	12	5MHz	707.5	25	0	16QAM	20.56
2	10MHz	1880	1	49	Q64	19.87	12	5MHz	707.5	1	0	Q64	21.75
2	10MHz	1880	1	0	Q64	20.63	12	5MHz	707.5	1	24	Q64	22.11
2	10MHz	1880	50	0	Q64	19.76	12	5MHz	707.5	25	0	Q64	20.92
2	10MHz	1880	1	49	Q256	17.45	12	5MHz	707.5	1	0	Q256	18.73
2	10MHz	1880	1	0	Q256	17.89	12	5MHz	707.5	1	24	Q256	19.23
2	10MHz	1880	50	0	Q256	18.16	12	5MHz	707.5	25	0	Q256	19.13
2	10MHz	1880	1	49	QPSK	21.28	12	10MHz	707.5	1	0	QPSK	22.24
2	10MHz	1880	1	0	QPSK	21.23	12	10MHz	707.5	1	49	QPSK	22.66
2	10MHz	1880	50	0	QPSK	21.02	12	10MHz	707.5	50	0	QPSK	22.28
2	10MHz	1880	1	49	16QAM	20.39	12	10MHz	707.5	1	0	16QAM	21.88
2	10MHz	1880	1	0	16QAM	20.78	12	10MHz	707.5	1	49	16QAM	22.36
2	10MHz	1880	50	0	16QAM	20.79	12	10MHz	707.5	50	0	16QAM	21.96
2	10MHz	1880	1	49	Q64	19.68	12	10MHz	707.5	1	0	Q64	21.83
2	10MHz	1880	1	0	Q64	20.63	12	10MHz	707.5	1	49	Q64	22.17
2	10MHz	1880	50	0	Q64	20.11	12	10MHz	707.5	50	0	Q64	19.87
2	10MHz	1880	1	49	Q256	17.43	12	10MHz	707.5	1	0	Q256	18.56
2	10MHz	1880	1	0	Q256	18.10	12	10MHz	707.5	1	49	Q256	18.54
2	10MHz	1880	50	0	Q256	18.13	12	10MHz	707.5	50	0	Q256	18.72
2	15MHz	1880	1	74	QPSK	21.11	12	3MHz	707.5	1	0	QPSK	22.04
2	15MHz	1880	1	0	QPSK	21.37	12	3MHz	707.5	1	14	QPSK	21.94
2	15MHz	1880	75	0	QPSK	21.42	12	3MHz	707.5	15	0	QPSK	22.01
2	15MHz	1880	1	74	16QAM	21.15	12	3MHz	707.5	1	0	16QAM	21.99
2	15MHz	1880	1	0	16QAM	21.51	12	3MHz	707.5	1	14	16QAM	21.84

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2	15MHz	1880	75	0	16QAM	21.10	12	3MHz	707.5	15	0	16QAM	21.78
2	15MHz	1880	1	74	Q64	20.91	12	3MHz	707.5	1	0	Q64	21.81
2	15MHz	1880	1	0	Q64	21.24	12	3MHz	707.5	1	14	Q64	21.68
2	15MHz	1880	75	0	Q64	20.16	12	3MHz	707.5	15	0	Q64	20.75
2	15MHz	1880	1	74	Q256	17.93	12	3MHz	707.5	1	0	Q256	18.70
2	15MHz	1880	1	0	Q256	18.20	12	3MHz	707.5	1	14	Q256	18.54
2	15MHz	1880	75	0	Q256	18.20	12	3MHz	707.5	15	0	Q256	18.74
2	15MHz	1880	1	74	QPSK	21.16	12	5MHz	707.5	1	0	QPSK	22.08
2	15MHz	1880	1	0	QPSK	21.51	12	5MHz	707.5	1	24	QPSK	21.96
2	15MHz	1880	75	0	QPSK	21.46	12	5MHz	707.5	25	0	QPSK	22.04
2	15MHz	1880	1	74	16QAM	21.35	12	5MHz	707.5	1	0	16QAM	22.02
2	15MHz	1880	1	0	16QAM	21.43	12	5MHz	707.5	1	24	16QAM	21.87
2	15MHz	1880	75	0	16QAM	21.21	12	5MHz	707.5	25	0	16QAM	21.03
2	15MHz	1880	1	74	Q64	20.40	12	5MHz	707.5	1	0	Q64	21.64
2	15MHz	1880	1	0	Q64	20.73	12	5MHz	707.5	1	24	Q64	21.52
2	15MHz	1880	75	0	Q64	20.12	12	5MHz	707.5	25	0	Q64	20.68
2	15MHz	1880	1	74	Q256	17.92	12	5MHz	707.5	1	0	Q256	18.71
2	15MHz	1880	1	0	Q256	18.15	12	5MHz	707.5	1	24	Q256	18.59
2	15MHz	1880	75	0	Q256	18.17	12	5MHz	707.5	25	0	Q256	18.69
2	15MHz	1880	1	74	QPSK	21.17	12	10MHz	707.5	1	0	QPSK	22.28
2	15MHz	1880	1	0	QPSK	21.45	12	10MHz	707.5	1	49	QPSK	21.81
2	15MHz	1880	75	0	QPSK	21.41	12	10MHz	707.5	50	0	QPSK	22.09
2	15MHz	1880	1	74	16QAM	21.30	12	10MHz	707.5	1	0	16QAM	22.16
2	15MHz	1880	1	0	16QAM	21.41	12	10MHz	707.5	1	49	16QAM	21.70
2	15MHz	1880	75	0	16QAM	20.70	12	10MHz	707.5	50	0	16QAM	21.56
2	15MHz	1880	1	74	Q64	20.44	12	10MHz	707.5	1	0	Q64	21.74
2	15MHz	1880	1	0	Q64	21.17	12	10MHz	707.5	1	49	Q64	21.51
2	15MHz	1880	75	0	Q64	20.11	12	10MHz	707.5	50	0	Q64	20.76
2	15MHz	1880	1	74	Q256	17.76	12	10MHz	707.5	1	0	Q256	18.73
2	15MHz	1880	1	0	Q256	18.11	12	10MHz	707.5	1	49	Q256	18.45
2	15MHz	1880	75	0	Q256	18.11	12	10MHz	707.5	50	0	Q256	18.75
2	20MHz	1880	1	99	QPSK	21.25	12	3MHz	707.5	1	0	QPSK	22.07
2	20MHz	1880	1	0	QPSK	21.47	12	3MHz	707.5	1	14	QPSK	21.90
2	20MHz	1880	100	0	QPSK	21.48	12	3MHz	707.5	15	0	QPSK	22.04
2	20MHz	1880	1	99	16QAM	21.33	12	3MHz	707.5	1	0	16QAM	22.12
2	20MHz	1880	1	0	16QAM	21.53	12	3MHz	707.5	1	14	16QAM	21.89
2	20MHz	1880	100	0	16QAM	21.28	12	3MHz	707.5	15	0	16QAM	21.74
2	20MHz	1880	1	99	Q64	21.03	12	3MHz	707.5	1	0	Q64	21.77

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2	20MHz	1880	1	0	Q64	21.19	12	3MHz	707.5	1	14	Q64	21.64
2	20MHz	1880	100	0	Q64	20.21	12	3MHz	707.5	15	0	Q64	20.74
2	20MHz	1880	1	99	Q256	17.92	12	3MHz	707.5	1	0	Q256	18.66
2	20MHz	1880	1	0	Q256	18.20	12	3MHz	707.5	1	14	Q256	18.53
2	20MHz	1880	100	0	Q256	18.21	12	3MHz	707.5	15	0	Q256	18.71
2	20MHz	1880	1	99	QPSK	21.31	12	5MHz	707.5	1	0	QPSK	22.12
2	20MHz	1880	1	0	QPSK	21.46	12	5MHz	707.5	1	24	QPSK	21.96
2	20MHz	1880	100	0	QPSK	21.45	12	5MHz	707.5	25	0	QPSK	22.06
2	20MHz	1880	1	99	16QAM	21.31	12	5MHz	707.5	1	0	16QAM	22.17
2	20MHz	1880	1	0	16QAM	21.54	12	5MHz	707.5	1	24	16QAM	22.01
2	20MHz	1880	100	0	16QAM	21.32	12	5MHz	707.5	25	0	16QAM	21.78
2	20MHz	1880	1	99	Q64	20.92	12	5MHz	707.5	1	0	Q64	21.92
2	20MHz	1880	1	0	Q64	21.12	12	5MHz	707.5	1	24	Q64	21.79
2	20MHz	1880	100	0	Q64	20.24	12	5MHz	707.5	25	0	Q64	20.79
2	20MHz	1880	1	99	Q256	17.87	12	5MHz	707.5	1	0	Q256	18.77
2	20MHz	1880	1	0	Q256	18.18	12	5MHz	707.5	1	24	Q256	18.61
2	20MHz	1880	100	0	Q256	18.22	12	5MHz	707.5	25	0	Q256	18.75
2	20MHz	1880	1	99	QPSK	21.31	12	10MHz	707.5	1	0	QPSK	22.27
2	20MHz	1880	1	0	QPSK	21.45	12	10MHz	707.5	1	49	QPSK	21.81
2	20MHz	1880	100	0	QPSK	21.48	12	10MHz	707.5	50	0	QPSK	22.11
2	20MHz	1880	1	99	16QAM	21.34	12	10MHz	707.5	1	0	16QAM	22.32
2	20MHz	1880	1	0	16QAM	21.46	12	10MHz	707.5	1	49	16QAM	21.81
2	20MHz	1880	100	0	16QAM	21.26	12	10MHz	707.5	50	0	16QAM	21.78
2	20MHz	1880	1	99	Q64	20.96	12	10MHz	707.5	1	0	Q64	22.07
2	20MHz	1880	1	0	Q64	21.16	12	10MHz	707.5	1	49	Q64	21.65
2	20MHz	1880	100	0	Q64	20.20	12	10MHz	707.5	50	0	Q64	20.79
2	20MHz	1880	1	99	Q256	17.93	12	10MHz	707.5	1	0	Q256	18.88
2	20MHz	1880	1	0	Q256	18.14	12	10MHz	707.5	1	49	Q256	18.53
2	20MHz	1880	100	0	Q256	18.25	12	10MHz	707.5	50	0	Q256	18.78

LTE CA_2A-66A

PCC Power (dBm)							SCC Power (dBm)						
LTE Band	BW (MHz)	Frequency(M Hz)	RB No	RB offset	Modulation	AVG Power (dBm)	LTE Band	BW (MHz)	Frequency(M Hz)	RB No	RB offset	Modulation	AVG Power (dBm)
2	1.4MHz	1880	1	5	QPSK	20.72	66	5MHz	1745	1	0	QPSK	20.17
2	1.4MHz	1880	1	0	QPSK	20.85	66	5MHz	1745	1	24	QPSK	20.18
2	1.4MHz	1880	6	0	QPSK	20.83	66	5MHz	1745	25	0	QPSK	20.18
2	1.4MHz	1880	1	5	16QAM	20.71	66	5MHz	1745	1	0	16QAM	20.19

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2	1.4MHz	1880	1	0	16QAM	20.93	66	5MHz	1745	1	24	16QAM	20.20
2	1.4MHz	1880	6	0	16QAM	20.86	66	5MHz	1745	25	0	16QAM	20.20
2	1.4MHz	1880	1	5	Q64	20.72	66	5MHz	1745	1	0	Q64	20.31
2	1.4MHz	1880	1	0	Q64	20.87	66	5MHz	1745	1	24	Q64	20.17
2	1.4MHz	1880	6	0	Q64	20.06	66	5MHz	1745	25	0	Q64	19.43
2	1.4MHz	1880	1	5	Q256	17.92	66	5MHz	1745	1	0	Q256	17.55
2	1.4MHz	1880	1	0	Q256	18.14	66	5MHz	1745	1	24	Q256	17.34
2	1.4MHz	1880	6	0	Q256	18.04	66	5MHz	1745	25	0	Q256	17.41
2	1.4MHz	1880	1	5	QPSK	20.69	66	10MHz	1745	1	0	QPSK	20.20
2	1.4MHz	1880	1	0	QPSK	20.85	66	10MHz	1745	1	49	QPSK	20.21
2	1.4MHz	1880	6	0	QPSK	20.80	66	10MHz	1745	50	0	QPSK	20.26
2	1.4MHz	1880	1	5	16QAM	20.65	66	10MHz	1745	1	0	16QAM	20.21
2	1.4MHz	1880	1	0	16QAM	20.78	66	10MHz	1745	1	49	16QAM	20.27
2	1.4MHz	1880	6	0	16QAM	20.80	66	10MHz	1745	50	0	16QAM	20.26
2	1.4MHz	1880	1	5	Q64	20.77	66	10MHz	1745	1	0	Q64	20.30
2	1.4MHz	1880	1	0	Q64	20.88	66	10MHz	1745	1	49	Q64	20.35
2	1.4MHz	1880	6	0	Q64	19.98	66	10MHz	1745	50	0	Q64	19.49
2	1.4MHz	1880	1	5	Q256	17.92	66	10MHz	1745	1	0	Q256	17.49
2	1.4MHz	1880	1	0	Q256	17.99	66	10MHz	1745	1	49	Q256	17.44
2	1.4MHz	1880	6	0	Q256	17.99	66	10MHz	1745	50	0	Q256	17.46
2	1.4MHz	1880	1	5	QPSK	20.69	66	15MHz	1745	1	0	QPSK	20.11
2	1.4MHz	1880	1	0	QPSK	20.83	66	15MHz	1745	1	74	QPSK	20.14
2	1.4MHz	1880	6	0	QPSK	20.79	66	15MHz	1745	75	0	QPSK	20.13
2	1.4MHz	1880	1	5	16QAM	20.80	66	15MHz	1745	1	0	16QAM	20.17
2	1.4MHz	1880	1	0	16QAM	20.83	66	15MHz	1745	1	74	16QAM	20.11
2	1.4MHz	1880	6	0	16QAM	20.79	66	15MHz	1745	75	0	16QAM	20.15
2	1.4MHz	1880	1	5	Q64	20.77	66	15MHz	1745	1	0	Q64	20.30
2	1.4MHz	1880	1	0	Q64	20.86	66	15MHz	1745	1	74	Q64	20.17
2	1.4MHz	1880	6	0	Q64	20.00	66	15MHz	1745	75	0	Q64	19.34
2	1.4MHz	1880	1	5	Q256	17.82	66	15MHz	1745	1	0	Q256	17.46
2	1.4MHz	1880	1	0	Q256	18.02	66	15MHz	1745	1	74	Q256	17.34
2	1.4MHz	1880	6	0	Q256	17.98	66	15MHz	1745	75	0	Q256	17.37
2	1.4MHz	1880	1	5	QPSK	20.72	66	20MHz	1745	1	0	QPSK	20.34
2	1.4MHz	1880	1	0	QPSK	20.81	66	20MHz	1745	1	99	QPSK	20.22
2	1.4MHz	1880	6	0	QPSK	20.81	66	20MHz	1745	100	0	QPSK	20.21
2	1.4MHz	1880	1	5	16QAM	20.70	66	20MHz	1745	1	0	16QAM	20.27
2	1.4MHz	1880	1	0	16QAM	20.80	66	20MHz	1745	1	99	16QAM	20.22
2	1.4MHz	1880	6	0	16QAM	20.81	66	20MHz	1745	100	0	16QAM	20.22

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2	1.4MHz	1880	1	5	Q64	20.71	66	20MHz	1745	1	0	Q64	20.27
2	1.4MHz	1880	1	0	Q64	20.82	66	20MHz	1745	1	99	Q64	20.35
2	1.4MHz	1880	6	0	Q64	20.01	66	20MHz	1745	100	0	Q64	19.44
2	1.4MHz	1880	1	5	Q256	17.90	66	20MHz	1745	1	0	Q256	17.58
2	1.4MHz	1880	1	0	Q256	18.00	66	20MHz	1745	1	99	Q256	17.42
2	1.4MHz	1880	6	0	Q256	18.03	66	20MHz	1745	100	0	Q256	17.44
2	3MHz	1880	1	14	QPSK	20.69	66	5MHz	1745	1	0	QPSK	20.27
2	3MHz	1880	1	0	QPSK	20.93	66	5MHz	1745	1	24	QPSK	20.26
2	3MHz	1880	15	0	QPSK	20.81	66	5MHz	1745	25	0	QPSK	20.23
2	3MHz	1880	1	14	16QAM	20.72	66	5MHz	1745	1	0	16QAM	20.19
2	3MHz	1880	1	0	16QAM	21.01	66	5MHz	1745	1	24	16QAM	20.18
2	3MHz	1880	15	0	16QAM	20.85	66	5MHz	1745	25	0	16QAM	20.25
2	3MHz	1880	1	14	Q64	20.74	66	5MHz	1745	1	0	Q64	20.39
2	3MHz	1880	1	0	Q64	21.09	66	5MHz	1745	1	24	Q64	20.38
2	3MHz	1880	15	0	Q64	20.06	66	5MHz	1745	25	0	Q64	19.47
2	3MHz	1880	1	14	Q256	17.92	66	5MHz	1745	1	0	Q256	17.46
2	3MHz	1880	1	0	Q256	18.12	66	5MHz	1745	1	24	Q256	17.38
2	3MHz	1880	15	0	Q256	18.03	66	5MHz	1745	25	0	Q256	17.45
2	3MHz	1880	1	14	QPSK	20.66	66	10MHz	1745	1	0	QPSK	20.23
2	3MHz	1880	1	0	QPSK	20.96	66	10MHz	1745	1	49	QPSK	20.24
2	3MHz	1880	15	0	QPSK	20.82	66	10MHz	1745	50	0	QPSK	20.24
2	3MHz	1880	1	14	16QAM	20.73	66	10MHz	1745	1	0	16QAM	20.11
2	3MHz	1880	1	0	16QAM	20.96	66	10MHz	1745	1	49	16QAM	20.12
2	3MHz	1880	15	0	16QAM	20.85	66	10MHz	1745	50	0	16QAM	20.26
2	3MHz	1880	1	14	Q64	20.77	66	10MHz	1745	1	0	Q64	20.31
2	3MHz	1880	1	0	Q64	21.10	66	10MHz	1745	1	49	Q64	20.35
2	3MHz	1880	15	0	Q64	20.06	66	10MHz	1745	50	0	Q64	19.45
2	3MHz	1880	1	14	Q256	17.89	66	10MHz	1745	1	0	Q256	17.49
2	3MHz	1880	1	0	Q256	18.16	66	10MHz	1745	1	49	Q256	17.39
2	3MHz	1880	15	0	Q256	18.04	66	10MHz	1745	50	0	Q256	17.46
2	3MHz	1880	1	14	QPSK	20.67	66	15MHz	1745	1	0	QPSK	20.17
2	3MHz	1880	1	0	QPSK	20.94	66	15MHz	1745	1	74	QPSK	20.20
2	3MHz	1880	15	0	QPSK	20.83	66	15MHz	1745	75	0	QPSK	20.15
2	3MHz	1880	1	14	16QAM	20.70	66	15MHz	1745	1	0	16QAM	20.25
2	3MHz	1880	1	0	16QAM	20.87	66	15MHz	1745	1	74	16QAM	20.19
2	3MHz	1880	15	0	16QAM	20.85	66	15MHz	1745	75	0	16QAM	20.16
2	3MHz	1880	1	14	Q64	20.66	66	15MHz	1745	1	0	Q64	20.21
2	3MHz	1880	1	0	Q64	20.87	66	15MHz	1745	1	74	Q64	20.11

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2	3MHz	1880	15	0	Q64	20.02	66	15MHz	1745	75	0	Q64	19.38
2	3MHz	1880	1	14	Q256	17.77	66	15MHz	1745	1	0	Q256	17.48
2	3MHz	1880	1	0	Q256	18.06	66	15MHz	1745	1	74	Q256	17.35
2	3MHz	1880	15	0	Q256	18.02	66	15MHz	1745	75	0	Q256	17.37
2	3MHz	1880	1	14	QPSK	20.63	66	20MHz	1745	1	0	QPSK	20.28
2	3MHz	1880	1	0	QPSK	20.90	66	20MHz	1745	1	99	QPSK	20.25
2	3MHz	1880	15	0	QPSK	20.75	66	20MHz	1745	100	0	QPSK	20.21
2	3MHz	1880	1	14	16QAM	20.63	66	20MHz	1745	1	0	16QAM	20.19
2	3MHz	1880	1	0	16QAM	20.96	66	20MHz	1745	1	99	16QAM	20.29
2	3MHz	1880	15	0	16QAM	20.78	66	20MHz	1745	100	0	16QAM	20.22
2	3MHz	1880	1	14	Q64	20.71	66	20MHz	1745	1	0	Q64	20.43
2	3MHz	1880	1	0	Q64	20.94	66	20MHz	1745	1	99	Q64	20.29
2	3MHz	1880	15	0	Q64	20.00	66	20MHz	1745	100	0	Q64	19.41
2	3MHz	1880	1	14	Q256	17.81	66	20MHz	1745	1	0	Q256	17.46
2	3MHz	1880	1	0	Q256	18.14	66	20MHz	1745	1	99	Q256	17.32
2	3MHz	1880	15	0	Q256	17.99	66	20MHz	1745	100	0	Q256	17.43
2	5MHz	1880	1	24	QPSK	20.76	66	5MHz	1745	1	0	QPSK	20.24
2	5MHz	1880	1	0	QPSK	20.97	66	5MHz	1745	1	24	QPSK	20.24
2	5MHz	1880	25	0	QPSK	20.85	66	5MHz	1745	25	0	QPSK	20.21
2	5MHz	1880	1	24	16QAM	20.75	66	5MHz	1745	1	0	16QAM	20.32
2	5MHz	1880	1	0	16QAM	20.98	66	5MHz	1745	1	24	16QAM	20.27
2	5MHz	1880	25	0	16QAM	20.45	66	5MHz	1745	25	0	16QAM	20.16
2	5MHz	1880	1	24	Q64	20.28	66	5MHz	1745	1	0	Q64	20.32
2	5MHz	1880	1	0	Q64	20.53	66	5MHz	1745	1	24	Q64	20.15
2	5MHz	1880	25	0	Q64	19.65	66	5MHz	1745	25	0	Q64	19.38
2	5MHz	1880	1	24	Q256	17.61	66	5MHz	1745	1	0	Q256	17.53
2	5MHz	1880	1	0	Q256	17.80	66	5MHz	1745	1	24	Q256	17.30
2	5MHz	1880	25	0	Q256	17.66	66	5MHz	1745	25	0	Q256	17.42
2	5MHz	1880	1	24	QPSK	20.67	66	10MHz	1745	1	0	QPSK	20.21
2	5MHz	1880	1	0	QPSK	20.91	66	10MHz	1745	1	49	QPSK	20.21
2	5MHz	1880	25	0	QPSK	20.81	66	10MHz	1745	50	0	QPSK	20.25
2	5MHz	1880	1	24	16QAM	20.75	66	10MHz	1745	1	0	16QAM	20.35
2	5MHz	1880	1	0	16QAM	20.97	66	10MHz	1745	1	49	16QAM	20.26
2	5MHz	1880	25	0	16QAM	20.47	66	10MHz	1745	50	0	16QAM	20.22
2	5MHz	1880	1	24	Q64	20.38	66	10MHz	1745	1	0	Q64	20.42
2	5MHz	1880	1	0	Q64	20.84	66	10MHz	1745	1	49	Q64	20.31
2	5MHz	1880	25	0	Q64	19.66	66	10MHz	1745	50	0	Q64	19.45
2	5MHz	1880	1	24	Q256	17.64	66	10MHz	1745	1	0	Q256	17.47

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2	5MHz	1880	1	0	Q256	18.18	66	10MHz	1745	1	49	Q256	17.37
2	5MHz	1880	25	0	Q256	18.02	66	10MHz	1745	50	0	Q256	17.42
2	5MHz	1880	1	24	QPSK	20.74	66	15MHz	1745	1	0	QPSK	20.16
2	5MHz	1880	1	0	QPSK	20.96	66	15MHz	1745	1	74	QPSK	20.20
2	5MHz	1880	25	0	QPSK	20.82	66	15MHz	1745	75	0	QPSK	20.13
2	5MHz	1880	1	24	16QAM	20.69	66	15MHz	1745	1	0	16QAM	20.31
2	5MHz	1880	1	0	16QAM	20.96	66	15MHz	1745	1	74	16QAM	20.16
2	5MHz	1880	25	0	16QAM	20.86	66	15MHz	1745	75	0	16QAM	20.15
2	5MHz	1880	1	24	Q64	20.66	66	15MHz	1745	1	0	Q64	20.22
2	5MHz	1880	1	0	Q64	20.93	66	15MHz	1745	1	74	Q64	20.19
2	5MHz	1880	25	0	Q64	20.07	66	15MHz	1745	75	0	Q64	19.38
2	5MHz	1880	1	24	Q256	18.04	66	15MHz	1745	1	0	Q256	17.44
2	5MHz	1880	1	0	Q256	18.11	66	15MHz	1745	1	74	Q256	17.45
2	5MHz	1880	25	0	Q256	18.06	66	15MHz	1745	75	0	Q256	17.39
2	5MHz	1880	1	24	QPSK	20.76	66	20MHz	1745	1	0	QPSK	20.40
2	5MHz	1880	1	0	QPSK	20.97	66	20MHz	1745	1	99	QPSK	20.26
2	5MHz	1880	25	0	QPSK	20.83	66	20MHz	1745	100	0	QPSK	20.20
2	5MHz	1880	1	24	16QAM	20.63	66	20MHz	1745	1	0	16QAM	20.41
2	5MHz	1880	1	0	16QAM	20.95	66	20MHz	1745	1	99	16QAM	20.27
2	5MHz	1880	25	0	16QAM	20.85	66	20MHz	1745	100	0	16QAM	20.21
2	5MHz	1880	1	24	Q64	20.73	66	20MHz	1745	1	0	Q64	20.35
2	5MHz	1880	1	0	Q64	20.96	66	20MHz	1745	1	99	Q64	20.32
2	5MHz	1880	25	0	Q64	20.08	66	20MHz	1745	100	0	Q64	19.41
2	5MHz	1880	1	24	Q256	17.94	66	20MHz	1745	1	0	Q256	17.64
2	5MHz	1880	1	0	Q256	18.19	66	20MHz	1745	1	99	Q256	17.28
2	5MHz	1880	25	0	Q256	18.04	66	20MHz	1745	100	0	Q256	17.43
2	10MHz	1880	1	49	QPSK	20.70	66	5MHz	1745	1	0	QPSK	20.27
2	10MHz	1880	1	0	QPSK	21.04	66	5MHz	1745	1	24	QPSK	20.25
2	10MHz	1880	50	0	QPSK	20.90	66	5MHz	1745	25	0	QPSK	20.24
2	10MHz	1880	1	49	16QAM	20.78	66	5MHz	1745	1	0	16QAM	20.19
2	10MHz	1880	1	0	16QAM	21.07	66	5MHz	1745	1	24	16QAM	20.17
2	10MHz	1880	50	0	16QAM	20.53	66	5MHz	1745	25	0	16QAM	20.24
2	10MHz	1880	1	49	Q64	20.49	66	5MHz	1745	1	0	Q64	20.41
2	10MHz	1880	1	0	Q64	21.10	66	5MHz	1745	1	24	Q64	20.34
2	10MHz	1880	50	0	Q64	20.07	66	5MHz	1745	25	0	Q64	19.78
2	10MHz	1880	1	49	Q256	17.45	66	5MHz	1745	1	0	Q256	17.44
2	10MHz	1880	1	0	Q256	18.21	66	5MHz	1745	1	24	Q256	17.30
2	10MHz	1880	50	0	Q256	18.07	66	5MHz	1745	25	0	Q256	17.38

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2	10MHz	1880	1	49	QPSK	20.94	66	10MHz	1745	1	0	QPSK	20.52
2	10MHz	1880	1	0	QPSK	21.22	66	10MHz	1745	1	49	QPSK	20.50
2	10MHz	1880	50	0	QPSK	20.67	66	10MHz	1745	50	0	QPSK	20.40
2	10MHz	1880	1	49	16QAM	20.65	66	10MHz	1745	1	0	16QAM	20.34
2	10MHz	1880	1	0	16QAM	20.90	66	10MHz	1745	1	49	16QAM	20.18
2	10MHz	1880	50	0	16QAM	20.68	66	10MHz	1745	50	0	16QAM	20.41
2	10MHz	1880	1	49	Q64	20.66	66	10MHz	1745	1	0	Q64	20.48
2	10MHz	1880	1	0	Q64	21.24	66	10MHz	1745	1	49	Q64	20.52
2	10MHz	1880	50	0	Q64	20.26	66	10MHz	1745	50	0	Q64	19.70
2	10MHz	1880	1	49	Q256	18.10	66	10MHz	1745	1	0	Q256	17.74
2	10MHz	1880	1	0	Q256	18.46	66	10MHz	1745	1	49	Q256	17.59
2	10MHz	1880	50	0	Q256	18.30	66	10MHz	1745	50	0	Q256	17.72
2	10MHz	1880	1	49	QPSK	20.99	66	15MHz	1745	1	0	QPSK	20.24
2	10MHz	1880	1	0	QPSK	21.21	66	15MHz	1745	1	74	QPSK	20.14
2	10MHz	1880	50	0	QPSK	21.07	66	15MHz	1745	75	0	QPSK	20.15
2	10MHz	1880	1	49	16QAM	21.00	66	15MHz	1745	1	0	16QAM	20.15
2	10MHz	1880	1	0	16QAM	21.30	66	15MHz	1745	1	74	16QAM	20.06
2	10MHz	1880	50	0	16QAM	21.09	66	15MHz	1745	75	0	16QAM	20.15
2	10MHz	1880	1	49	Q64	21.00	66	15MHz	1745	1	0	Q64	20.24
2	10MHz	1880	1	0	Q64	21.33	66	15MHz	1745	1	74	Q64	20.27
2	10MHz	1880	50	0	Q64	20.31	66	15MHz	1745	75	0	Q64	19.40
2	10MHz	1880	1	49	Q256	18.19	66	15MHz	1745	1	0	Q256	17.38
2	10MHz	1880	1	0	Q256	18.48	66	15MHz	1745	1	74	Q256	17.35
2	10MHz	1880	50	0	Q256	18.30	66	15MHz	1745	75	0	Q256	17.36
2	10MHz	1880	1	49	QPSK	20.97	66	20MHz	1745	1	0	QPSK	20.31
2	10MHz	1880	1	0	QPSK	21.24	66	20MHz	1745	1	99	QPSK	20.23
2	10MHz	1880	50	0	QPSK	21.11	66	20MHz	1745	100	0	QPSK	20.20
2	10MHz	1880	1	49	16QAM	21.04	66	20MHz	1745	1	0	16QAM	20.22
2	10MHz	1880	1	0	16QAM	21.32	66	20MHz	1745	1	99	16QAM	20.03
2	10MHz	1880	50	0	16QAM	20.67	66	20MHz	1745	100	0	16QAM	20.15
2	10MHz	1880	1	49	Q64	20.62	66	20MHz	1745	1	0	Q64	20.39
2	10MHz	1880	1	0	Q64	21.03	66	20MHz	1745	1	99	Q64	20.70
2	10MHz	1880	50	0	Q64	20.27	66	20MHz	1745	100	0	Q64	19.49
2	10MHz	1880	1	49	Q256	18.26	66	20MHz	1745	1	0	Q256	17.08
2	10MHz	1880	1	0	Q256	18.17	66	20MHz	1745	1	99	Q256	17.62
2	10MHz	1880	50	0	Q256	18.31	66	20MHz	1745	100	0	Q256	17.46
2	15MHz	1880	1	74	QPSK	20.75	66	5MHz	1745	1	0	QPSK	20.17
2	15MHz	1880	1	0	QPSK	20.57	66	5MHz	1745	1	24	QPSK	20.57

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2	15MHz	1880	75	0	QPSK	20.75	66	5MHz	1745	25	0	QPSK	20.33
2	15MHz	1880	1	74	16QAM	20.78	66	5MHz	1745	1	0	16QAM	20.13
2	15MHz	1880	1	0	16QAM	20.71	66	5MHz	1745	1	24	16QAM	20.45
2	15MHz	1880	75	0	16QAM	20.40	66	5MHz	1745	25	0	16QAM	20.22
2	15MHz	1880	1	74	Q64	20.39	66	5MHz	1745	1	0	Q64	20.42
2	15MHz	1880	1	0	Q64	20.61	66	5MHz	1745	1	24	Q64	20.64
2	15MHz	1880	75	0	Q64	19.92	66	5MHz	1745	25	0	Q64	19.57
2	15MHz	1880	1	74	Q256	17.87	66	5MHz	1745	1	0	Q256	17.39
2	15MHz	1880	1	0	Q256	17.75	66	5MHz	1745	1	24	Q256	17.64
2	15MHz	1880	75	0	Q256	17.97	66	5MHz	1745	25	0	Q256	17.55
2	15MHz	1880	1	74	QPSK	20.75	66	10MHz	1745	1	0	QPSK	20.28
2	15MHz	1880	1	0	QPSK	20.58	66	10MHz	1745	1	49	QPSK	20.89
2	15MHz	1880	75	0	QPSK	20.75	66	10MHz	1745	50	0	QPSK	20.63
2	15MHz	1880	1	74	16QAM	20.84	66	10MHz	1745	1	0	16QAM	20.21
2	15MHz	1880	1	0	16QAM	20.64	66	10MHz	1745	1	49	16QAM	20.73
2	15MHz	1880	75	0	16QAM	20.40	66	10MHz	1745	50	0	16QAM	20.42
2	15MHz	1880	1	74	Q64	20.52	66	10MHz	1745	1	0	Q64	20.56
2	15MHz	1880	1	0	Q64	20.74	66	10MHz	1745	1	49	Q64	20.99
2	15MHz	1880	75	0	Q64	19.92	66	10MHz	1745	50	0	Q64	19.83
2	15MHz	1880	1	74	Q256	18.04	66	10MHz	1745	1	0	Q256	17.50
2	15MHz	1880	1	0	Q256	17.77	66	10MHz	1745	1	49	Q256	18.03
2	15MHz	1880	75	0	Q256	17.95	66	10MHz	1745	50	0	Q256	17.88
2	15MHz	1880	1	74	QPSK	20.75	66	15MHz	1745	1	0	QPSK	19.83
2	15MHz	1880	1	0	QPSK	20.60	66	15MHz	1745	1	74	QPSK	20.61
2	15MHz	1880	75	0	QPSK	20.76	66	15MHz	1745	75	0	QPSK	20.25
2	15MHz	1880	1	74	16QAM	20.77	66	15MHz	1745	1	0	16QAM	19.79
2	15MHz	1880	1	0	16QAM	20.72	66	15MHz	1745	1	74	16QAM	20.47
2	15MHz	1880	75	0	16QAM	20.39	66	15MHz	1745	75	0	16QAM	20.16
2	15MHz	1880	1	74	Q64	20.45	66	15MHz	1745	1	0	Q64	20.40
2	15MHz	1880	1	0	Q64	20.61	66	15MHz	1745	1	74	Q64	20.18
2	15MHz	1880	75	0	Q64	19.90	66	15MHz	1745	75	0	Q64	19.47
2	15MHz	1880	1	74	Q256	17.85	66	15MHz	1745	1	0	Q256	17.07
2	15MHz	1880	1	0	Q256	17.81	66	15MHz	1745	1	74	Q256	17.69
2	15MHz	1880	75	0	Q256	17.92	66	15MHz	1745	75	0	Q256	17.49
2	15MHz	1880	1	74	QPSK	20.73	66	20MHz	1745	1	0	QPSK	19.85
2	15MHz	1880	1	0	QPSK	20.65	66	20MHz	1745	1	99	QPSK	20.63
2	15MHz	1880	75	0	QPSK	20.79	66	20MHz	1745	100	0	QPSK	20.25
2	15MHz	1880	1	74	16QAM	20.83	66	20MHz	1745	1	0	16QAM	19.87

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2	15MHz	1880	1	0	16QAM	20.65	66	20MHz	1745	1	99	16QAM	20.38
2	15MHz	1880	75	0	16QAM	20.78	66	20MHz	1745	100	0	16QAM	20.56
2	15MHz	1880	1	74	Q64	20.49	66	20MHz	1745	1	0	Q64	20.46
2	15MHz	1880	1	0	Q64	20.68	66	20MHz	1745	1	99	Q64	20.12
2	15MHz	1880	75	0	Q64	19.92	66	20MHz	1745	100	0	Q64	19.45
2	15MHz	1880	1	74	Q256	17.82	66	20MHz	1745	1	0	Q256	17.49
2	15MHz	1880	1	0	Q256	18.21	66	20MHz	1745	1	99	Q256	17.24
2	15MHz	1880	75	0	Q256	17.96	66	20MHz	1745	100	0	Q256	17.39
2	20MHz	1880	1	99	QPSK	20.86	66	5MHz	1745	1	0	QPSK	20.27
2	20MHz	1880	1	0	QPSK	20.99	66	5MHz	1745	1	24	QPSK	20.27
2	20MHz	1880	100	0	QPSK	20.82	66	5MHz	1745	25	0	QPSK	20.23
2	20MHz	1880	1	99	16QAM	20.84	66	5MHz	1745	1	0	16QAM	20.26
2	20MHz	1880	1	0	16QAM	20.97	66	5MHz	1745	1	24	16QAM	20.27
2	20MHz	1880	100	0	16QAM	20.82	66	5MHz	1745	25	0	16QAM	20.23
2	20MHz	1880	1	99	Q64	20.85	66	5MHz	1745	1	0	Q64	20.33
2	20MHz	1880	1	0	Q64	20.89	66	5MHz	1745	1	24	Q64	20.26
2	20MHz	1880	100	0	Q64	19.99	66	5MHz	1745	25	0	Q64	19.45
2	20MHz	1880	1	99	Q256	17.96	66	5MHz	1745	1	0	Q256	17.40
2	20MHz	1880	1	0	Q256	18.19	66	5MHz	1745	1	24	Q256	17.36
2	20MHz	1880	100	0	Q256	18.05	66	5MHz	1745	25	0	Q256	17.46
2	20MHz	1880	1	99	QPSK	20.91	66	10MHz	1745	1	0	QPSK	20.53
2	20MHz	1880	1	0	QPSK	21.05	66	10MHz	1745	1	49	QPSK	20.48
2	20MHz	1880	100	0	QPSK	20.86	66	10MHz	1745	50	0	QPSK	20.53
2	20MHz	1880	1	99	16QAM	20.89	66	10MHz	1745	1	0	16QAM	20.56
2	20MHz	1880	1	0	16QAM	20.98	66	10MHz	1745	1	49	16QAM	20.46
2	20MHz	1880	100	0	16QAM	20.86	66	10MHz	1745	50	0	16QAM	20.51
2	20MHz	1880	1	99	Q64	20.97	66	10MHz	1745	1	0	Q64	20.49
2	20MHz	1880	1	0	Q64	20.94	66	10MHz	1745	1	49	Q64	20.61
2	20MHz	1880	100	0	Q64	19.98	66	10MHz	1745	50	0	Q64	19.71
2	20MHz	1880	1	99	Q256	18.04	66	10MHz	1745	1	0	Q256	17.73
2	20MHz	1880	1	0	Q256	18.12	66	10MHz	1745	1	49	Q256	17.63
2	20MHz	1880	100	0	Q256	18.04	66	10MHz	1745	50	0	Q256	17.74
2	20MHz	1880	1	99	QPSK	20.88	66	15MHz	1745	1	0	QPSK	20.25
2	20MHz	1880	1	0	QPSK	20.98	66	15MHz	1745	1	74	QPSK	20.20
2	20MHz	1880	100	0	QPSK	20.85	66	15MHz	1745	75	0	QPSK	20.15
2	20MHz	1880	1	99	16QAM	20.93	66	15MHz	1745	1	0	16QAM	20.20
2	20MHz	1880	1	0	16QAM	20.93	66	15MHz	1745	1	74	16QAM	20.15
2	20MHz	1880	100	0	16QAM	20.82	66	15MHz	1745	75	0	16QAM	20.20

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2	20MHz	1880	1	99	Q64	20.91	66	15MHz	1745	1	0	Q64	20.24
2	20MHz	1880	1	0	Q64	20.97	66	15MHz	1745	1	74	Q64	20.27
2	20MHz	1880	100	0	Q64	20.03	66	15MHz	1745	75	0	Q64	19.38
2	20MHz	1880	1	99	Q256	17.96	66	15MHz	1745	1	0	Q256	17.39
2	20MHz	1880	1	0	Q256	18.25	66	15MHz	1745	1	74	Q256	17.27
2	20MHz	1880	100	0	Q256	18.06	66	15MHz	1745	75	0	Q256	17.40
2	20MHz	1880	1	99	QPSK	20.89	66	20MHz	1745	1	0	QPSK	20.29
2	20MHz	1880	1	0	QPSK	20.98	66	20MHz	1745	1	99	QPSK	20.28
2	20MHz	1880	100	0	QPSK	20.85	66	20MHz	1745	100	0	QPSK	20.20
2	20MHz	1880	1	99	16QAM	20.98	66	20MHz	1745	1	0	16QAM	20.37
2	20MHz	1880	1	0	16QAM	21.08	66	20MHz	1745	1	99	16QAM	20.17
2	20MHz	1880	100	0	16QAM	20.84	66	20MHz	1745	100	0	16QAM	20.21
2	20MHz	1880	1	99	Q64	20.87	66	20MHz	1745	1	0	Q64	20.37
2	20MHz	1880	1	0	Q64	20.92	66	20MHz	1745	1	99	Q64	20.19
2	20MHz	1880	100	0	Q64	20.01	66	20MHz	1745	100	0	Q64	19.39
2	20MHz	1880	1	99	Q256	17.96	66	20MHz	1745	1	0	Q256	17.47
2	20MHz	1880	1	0	Q256	18.25	66	20MHz	1745	1	99	Q256	17.36
2	20MHz	1880	100	0	Q256	18.05	66	20MHz	1745	100	0	Q256	17.42

LTE CA_12A-66A

PCC Power (dBm)							SCC Power (dBm)						
LTE Band	BW (MHz)	Frequency(MHz)	RB No	RB offset	Modulation	AVG Power (dBm)	LTE Band	BW (MHz)	Frequency(MHz)	RB No	RB offset	Modulation	AVG Power (dBm)
12	3MHz	707.5	1	14	QPSK	21.87	66	5MHz	1745	1	0	QPSK	21.43
12	3MHz	707.5	1	0	QPSK	22.03	66	5MHz	1745	1	24	QPSK	21.59
12	3MHz	707.5	15	0	QPSK	21.98	66	5MHz	1745	25	0	QPSK	21.50
12	3MHz	707.5	1	14	16QAM	21.93	66	5MHz	1745	1	0	16QAM	21.39
12	3MHz	707.5	1	0	16QAM	22.12	66	5MHz	1745	1	24	16QAM	21.58
12	3MHz	707.5	15	0	16QAM	21.70	66	5MHz	1745	25	0	16QAM	21.23
12	3MHz	707.5	1	14	Q64	21.67	66	5MHz	1745	1	0	Q64	21.27
12	3MHz	707.5	1	0	Q64	21.77	66	5MHz	1745	1	24	Q64	21.35
12	3MHz	707.5	15	0	Q64	20.69	66	5MHz	1745	25	0	Q64	20.22
12	3MHz	707.5	1	14	Q256	18.57	66	5MHz	1745	1	0	Q256	18.02
12	3MHz	707.5	1	0	Q256	18.71	66	5MHz	1745	1	24	Q256	18.19
12	3MHz	707.5	15	0	Q256	18.66	66	5MHz	1745	25	0	Q256	18.18

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12	3MHz	707.5	1	14	QPSK	21.88	66	10MHz	1745	1	0	QPSK	21.31
12	3MHz	707.5	1	0	QPSK	22.04	66	10MHz	1745	1	49	QPSK	21.54
12	3MHz	707.5	15	0	QPSK	21.97	66	10MHz	1745	50	0	QPSK	21.52
12	3MHz	707.5	1	14	16QAM	21.96	66	10MHz	1745	1	0	16QAM	21.21
12	3MHz	707.5	1	0	16QAM	22.07	66	10MHz	1745	1	49	16QAM	21.46
12	3MHz	707.5	15	0	16QAM	21.68	66	10MHz	1745	50	0	16QAM	21.25
12	3MHz	707.5	1	14	Q64	21.69	66	10MHz	1745	1	0	Q64	21.08
12	3MHz	707.5	1	0	Q64	21.83	66	10MHz	1745	1	49	Q64	21.32
12	3MHz	707.5	15	0	Q64	20.70	66	10MHz	1745	50	0	Q64	20.24
12	3MHz	707.5	1	14	Q256	18.61	66	10MHz	1745	1	0	Q256	17.94
12	3MHz	707.5	1	0	Q256	18.72	66	10MHz	1745	1	49	Q256	18.11
12	3MHz	707.5	15	0	Q256	18.65	66	10MHz	1745	50	0	Q256	18.21
12	3MHz	707.5	1	14	QPSK	21.90	66	15MHz	1745	1	0	QPSK	21.34
12	3MHz	707.5	1	0	QPSK	22.06	66	15MHz	1745	1	74	QPSK	21.51
12	3MHz	707.5	15	0	QPSK	22.00	66	15MHz	1745	75	0	QPSK	21.47
12	3MHz	707.5	1	14	16QAM	21.97	66	15MHz	1745	1	0	16QAM	21.52
12	3MHz	707.5	1	0	16QAM	22.09	66	15MHz	1745	1	74	16QAM	21.36
12	3MHz	707.5	15	0	16QAM	21.70	66	15MHz	1745	75	0	16QAM	21.23
12	3MHz	707.5	1	14	Q64	21.70	66	15MHz	1745	1	0	Q64	21.00
12	3MHz	707.5	1	0	Q64	21.87	66	15MHz	1745	1	74	Q64	21.35
12	3MHz	707.5	15	0	Q64	20.72	66	15MHz	1745	75	0	Q64	20.20
12	3MHz	707.5	1	14	Q256	18.63	66	15MHz	1745	1	0	Q256	17.88
12	3MHz	707.5	1	0	Q256	18.73	66	15MHz	1745	1	74	Q256	18.12
12	3MHz	707.5	15	0	Q256	18.69	66	15MHz	1745	75	0	Q256	18.15
12	3MHz	707.5	1	14	QPSK	21.90	66	20MHz	1745	1	0	QPSK	21.46
12	3MHz	707.5	1	0	QPSK	22.08	66	20MHz	1745	1	99	QPSK	21.53
12	3MHz	707.5	15	0	QPSK	22.02	66	20MHz	1745	100	0	QPSK	21.55
12	3MHz	707.5	1	14	16QAM	22.01	66	20MHz	1745	1	0	16QAM	21.41
12	3MHz	707.5	1	0	16QAM	22.15	66	20MHz	1745	1	99	16QAM	21.47
12	3MHz	707.5	15	0	16QAM	21.70	66	20MHz	1745	100	0	16QAM	21.27
12	3MHz	707.5	1	14	Q64	21.78	66	20MHz	1745	1	0	Q64	21.19
12	3MHz	707.5	1	0	Q64	21.90	66	20MHz	1745	1	99	Q64	21.35
12	3MHz	707.5	15	0	Q64	20.74	66	20MHz	1745	100	0	Q64	20.23

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12	3MHz	707.5	1	14	Q256	18.72	66	20MHz	1745	1	0	Q256	17.98
12	3MHz	707.5	1	0	Q256	18.76	66	20MHz	1745	1	99	Q256	18.18
12	3MHz	707.5	15	0	Q256	18.69	66	20MHz	1745	100	0	Q256	18.18
12	5MHz	707.5	1	24	QPSK	22.57	66	1.4MHz	1745	1	0	QPSK	21.70
12	5MHz	707.5	1	0	QPSK	22.10	66	1.4MHz	1745	1	5	QPSK	21.44
12	5MHz	707.5	25	0	QPSK	21.97	66	1.4MHz	1745	6	0	QPSK	21.48
12	5MHz	707.5	1	24	16QAM	21.92	66	1.4MHz	1745	1	0	16QAM	21.53
12	5MHz	707.5	1	0	16QAM	22.03	66	1.4MHz	1745	1	5	16QAM	21.44
12	5MHz	707.5	25	0	16QAM	21.69	66	1.4MHz	1745	6	0	16QAM	21.25
12	5MHz	707.5	1	24	Q64	21.77	66	1.4MHz	1745	1	0	Q64	21.13
12	5MHz	707.5	1	0	Q64	21.76	66	1.4MHz	1745	1	5	Q64	21.22
12	5MHz	707.5	25	0	Q64	20.69	66	1.4MHz	1745	6	0	Q64	20.25
12	5MHz	707.5	1	24	Q256	18.67	66	1.4MHz	1745	1	0	Q256	18.19
12	5MHz	707.5	1	0	Q256	18.81	66	1.4MHz	1745	1	5	Q256	18.21
12	5MHz	707.5	25	0	Q256	18.69	66	1.4MHz	1745	6	0	Q256	18.19
12	5MHz	707.5	1	24	QPSK	21.96	66	3MHz	1745	1	0	QPSK	21.41
12	5MHz	707.5	1	0	QPSK	22.05	66	3MHz	1745	1	14	QPSK	21.47
12	5MHz	707.5	25	0	QPSK	21.99	66	3MHz	1745	15	0	QPSK	21.48
12	5MHz	707.5	1	24	16QAM	21.93	66	3MHz	1745	1	0	16QAM	21.45
12	5MHz	707.5	1	0	16QAM	22.06	66	3MHz	1745	1	14	16QAM	21.62
12	5MHz	707.5	25	0	16QAM	21.70	66	3MHz	1745	15	0	16QAM	21.19
12	5MHz	707.5	1	24	Q64	21.59	66	3MHz	1745	1	0	Q64	21.17
12	5MHz	707.5	1	0	Q64	21.79	66	3MHz	1745	1	14	Q64	21.19
12	5MHz	707.5	25	0	Q64	20.73	66	3MHz	1745	15	0	Q64	20.19
12	5MHz	707.5	1	24	Q256	18.68	66	3MHz	1745	1	0	Q256	18.10
12	5MHz	707.5	1	0	Q256	18.76	66	3MHz	1745	1	14	Q256	18.07
12	5MHz	707.5	25	0	Q256	18.69	66	3MHz	1745	15	0	Q256	18.21
12	5MHz	707.5	1	24	QPSK	21.95	66	5MHz	1745	1	0	QPSK	21.53
12	5MHz	707.5	1	0	QPSK	22.11	66	5MHz	1745	1	24	QPSK	21.61
12	5MHz	707.5	25	0	QPSK	22.00	66	5MHz	1745	25	0	QPSK	21.52
12	5MHz	707.5	1	24	16QAM	21.91	66	5MHz	1745	1	0	16QAM	21.50
12	5MHz	707.5	1	0	16QAM	22.22	66	5MHz	1745	1	24	16QAM	21.86
12	5MHz	707.5	25	0	16QAM	21.61	66	5MHz	1745	25	0	16QAM	20.87

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12	5MHz	707.5	1	24	Q64	22.21	66	5MHz	1745	1	0	Q64	21.25
12	5MHz	707.5	1	0	Q64	21.78	66	5MHz	1745	1	24	Q64	21.30
12	5MHz	707.5	25	0	Q64	21.08	66	5MHz	1745	25	0	Q64	20.84
12	5MHz	707.5	1	24	Q256	18.66	66	5MHz	1745	1	0	Q256	18.09
12	5MHz	707.5	1	0	Q256	18.81	66	5MHz	1745	1	24	Q256	18.26
12	5MHz	707.5	25	0	Q256	18.51	66	5MHz	1745	25	0	Q256	16.90
12	5MHz	707.5	1	24	QPSK	21.88	66	10MHz	1745	1	0	QPSK	21.33
12	5MHz	707.5	1	0	QPSK	22.07	66	10MHz	1745	1	49	QPSK	21.54
12	5MHz	707.5	25	0	QPSK	21.98	66	10MHz	1745	50	0	QPSK	21.54
12	5MHz	707.5	1	24	16QAM	21.92	66	10MHz	1745	1	0	16QAM	21.35
12	5MHz	707.5	1	0	16QAM	22.15	66	10MHz	1745	1	49	16QAM	21.59
12	5MHz	707.5	25	0	16QAM	21.56	66	10MHz	1745	50	0	16QAM	20.01
12	5MHz	707.5	1	24	Q64	21.46	66	10MHz	1745	1	0	Q64	19.84
12	5MHz	707.5	1	0	Q64	21.77	66	10MHz	1745	1	49	Q64	21.26
12	5MHz	707.5	25	0	Q64	20.51	66	10MHz	1745	50	0	Q64	19.01
12	5MHz	707.5	1	24	Q256	18.46	66	10MHz	1745	1	0	Q256	16.74
12	5MHz	707.5	1	0	Q256	18.79	66	10MHz	1745	1	49	Q256	18.19
12	5MHz	707.5	25	0	Q256	18.65	66	10MHz	1745	50	0	Q256	18.22
12	5MHz	707.5	1	24	QPSK	21.91	66	15MHz	1745	1	0	QPSK	21.27
12	5MHz	707.5	1	0	QPSK	22.08	66	15MHz	1745	1	74	QPSK	21.38
12	5MHz	707.5	25	0	QPSK	21.98	66	15MHz	1745	75	0	QPSK	21.37
12	5MHz	707.5	1	24	16QAM	21.91	66	15MHz	1745	1	0	16QAM	21.32
12	5MHz	707.5	1	0	16QAM	22.09	66	15MHz	1745	1	74	16QAM	21.50
12	5MHz	707.5	25	0	16QAM	21.54	66	15MHz	1745	75	0	16QAM	19.86
12	5MHz	707.5	1	24	Q64	21.39	66	15MHz	1745	1	0	Q64	19.61
12	5MHz	707.5	1	0	Q64	21.75	66	15MHz	1745	1	74	Q64	21.22
12	5MHz	707.5	25	0	Q64	21.14	66	15MHz	1745	75	0	Q64	20.32
12	5MHz	707.5	1	24	Q256	19.29	66	15MHz	1745	1	0	Q256	17.84
12	5MHz	707.5	1	0	Q256	18.98	66	15MHz	1745	1	74	Q256	18.34
12	5MHz	707.5	25	0	Q256	19.12	66	15MHz	1745	75	0	Q256	18.35
12	5MHz	707.5	1	24	QPSK	22.61	66	20MHz	1745	1	0	QPSK	20.90
12	5MHz	707.5	1	0	QPSK	22.30	66	20MHz	1745	1	99	QPSK	21.63
12	5MHz	707.5	25	0	QPSK	22.43	66	20MHz	1745	100	0	QPSK	21.57

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12	5MHz	707.5	1	24	16QAM	22.68	66	20MHz	1745	1	0	16QAM	20.97
12	5MHz	707.5	1	0	16QAM	22.35	66	20MHz	1745	1	99	16QAM	21.71
12	5MHz	707.5	25	0	16QAM	21.55	66	20MHz	1745	100	0	16QAM	19.95
12	5MHz	707.5	1	24	Q64	21.39	66	20MHz	1745	1	0	Q64	19.52
12	5MHz	707.5	1	0	Q64	21.97	66	20MHz	1745	1	99	Q64	21.38
12	5MHz	707.5	25	0	Q64	21.14	66	20MHz	1745	100	0	Q64	20.31
12	5MHz	707.5	1	24	Q256	19.33	66	20MHz	1745	1	0	Q256	17.56
12	5MHz	707.5	1	0	Q256	19.00	66	20MHz	1745	1	99	Q256	18.32
12	5MHz	707.5	25	0	Q256	19.10	66	20MHz	1745	100	0	Q256	18.27
12	10MHz	707.5	1	49	QPSK	22.64	66	1.4MHz	1745	1	0	QPSK	21.73
12	10MHz	707.5	1	0	QPSK	22.20	66	1.4MHz	1745	1	5	QPSK	21.76
12	10MHz	707.5	50	0	QPSK	22.48	66	1.4MHz	1745	6	0	QPSK	21.78
12	10MHz	707.5	1	49	16QAM	22.79	66	1.4MHz	1745	1	0	16QAM	21.60
12	10MHz	707.5	1	0	16QAM	22.20	66	1.4MHz	1745	1	5	16QAM	21.73
12	10MHz	707.5	50	0	16QAM	21.72	66	1.4MHz	1745	6	0	16QAM	21.25
12	10MHz	707.5	1	49	Q64	21.56	66	1.4MHz	1745	1	0	Q64	21.23
12	10MHz	707.5	1	0	Q64	22.04	66	1.4MHz	1745	1	5	Q64	21.25
12	10MHz	707.5	50	0	Q64	20.74	66	1.4MHz	1745	6	0	Q64	20.26
12	10MHz	707.5	1	49	Q256	18.55	66	1.4MHz	1745	1	0	Q256	18.09
12	10MHz	707.5	1	0	Q256	18.71	66	1.4MHz	1745	1	5	Q256	18.10
12	10MHz	707.5	50	0	Q256	18.71	66	1.4MHz	1745	6	0	Q256	18.22
12	10MHz	707.5	1	49	QPSK	21.80	66	3MHz	1745	1	0	QPSK	21.49
12	10MHz	707.5	1	0	QPSK	22.23	66	3MHz	1745	1	14	QPSK	21.54
12	10MHz	707.5	50	0	QPSK	22.06	66	3MHz	1745	15	0	QPSK	21.52
12	10MHz	707.5	1	49	16QAM	21.87	66	3MHz	1745	1	0	16QAM	21.39
12	10MHz	707.5	1	0	16QAM	22.31	66	3MHz	1745	1	14	16QAM	21.47
12	10MHz	707.5	50	0	16QAM	21.76	66	3MHz	1745	15	0	16QAM	21.24
12	10MHz	707.5	1	49	Q64	21.63	66	3MHz	1745	1	0	Q64	21.23
12	10MHz	707.5	1	0	Q64	21.98	66	3MHz	1745	1	14	Q64	21.31
12	10MHz	707.5	50	0	Q64	20.76	66	3MHz	1745	15	0	Q64	20.23
12	10MHz	707.5	1	49	Q256	18.59	66	3MHz	1745	1	0	Q256	18.02
12	10MHz	707.5	1	0	Q256	18.80	66	3MHz	1745	1	14	Q256	18.10
12	10MHz	707.5	50	0	Q256	18.74	66	3MHz	1745	15	0	Q256	18.21

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12	10MHz	707.5	1	49	QPSK	21.78	66	5MHz	1745	1	0	QPSK	21.40
12	10MHz	707.5	1	0	QPSK	22.20	66	5MHz	1745	1	24	QPSK	21.53
12	10MHz	707.5	50	0	QPSK	22.05	66	5MHz	1745	25	0	QPSK	21.46
12	10MHz	707.5	1	49	16QAM	21.87	66	5MHz	1745	1	0	16QAM	21.29
12	10MHz	707.5	1	0	16QAM	22.30	66	5MHz	1745	1	24	16QAM	21.53
12	10MHz	707.5	50	0	16QAM	21.73	66	5MHz	1745	25	0	16QAM	21.52
12	10MHz	707.5	1	49	Q64	21.43	66	5MHz	1745	1	0	Q64	19.99
12	10MHz	707.5	1	0	Q64	21.85	66	5MHz	1745	1	24	Q64	20.11
12	10MHz	707.5	50	0	Q64	20.71	66	5MHz	1745	25	0	Q64	20.33
12	10MHz	707.5	1	49	Q256	18.44	66	5MHz	1745	1	0	Q256	16.90
12	10MHz	707.5	1	0	Q256	18.64	66	5MHz	1745	1	24	Q256	16.98
12	10MHz	707.5	50	0	Q256	18.69	66	5MHz	1745	25	0	Q256	18.17
12	10MHz	707.5	1	49	QPSK	21.79	66	10MHz	1745	1	0	QPSK	21.35
12	10MHz	707.5	1	0	QPSK	22.18	66	10MHz	1745	1	49	QPSK	21.56
12	10MHz	707.5	50	0	QPSK	21.89	66	10MHz	1745	50	0	QPSK	20.29
12	10MHz	707.5	1	49	16QAM	21.72	66	10MHz	1745	1	0	16QAM	20.00
12	10MHz	707.5	1	0	16QAM	22.10	66	10MHz	1745	1	49	16QAM	20.25
12	10MHz	707.5	50	0	16QAM	21.60	66	10MHz	1745	50	0	16QAM	20.01
12	10MHz	707.5	1	49	Q64	21.48	66	10MHz	1745	1	0	Q64	21.11
12	10MHz	707.5	1	0	Q64	21.88	66	10MHz	1745	1	49	Q64	21.27
12	10MHz	707.5	50	0	Q64	20.60	66	10MHz	1745	50	0	Q64	19.00
12	10MHz	707.5	1	49	Q256	18.43	66	10MHz	1745	1	0	Q256	16.80
12	10MHz	707.5	1	0	Q256	18.72	66	10MHz	1745	1	49	Q256	18.18
12	10MHz	707.5	50	0	Q256	18.68	66	10MHz	1745	50	0	Q256	18.25
12	10MHz	707.5	1	49	QPSK	21.77	66	15MHz	1745	1	0	QPSK	21.20
12	10MHz	707.5	1	0	QPSK	22.20	66	15MHz	1745	1	74	QPSK	21.41
12	10MHz	707.5	50	0	QPSK	22.00	66	15MHz	1745	75	0	QPSK	21.36
12	10MHz	707.5	1	49	16QAM	21.80	66	15MHz	1745	1	0	16QAM	21.20
12	10MHz	707.5	1	0	16QAM	22.29	66	15MHz	1745	1	74	16QAM	21.23
12	10MHz	707.5	50	0	16QAM	21.58	66	15MHz	1745	75	0	16QAM	19.91
12	10MHz	707.5	1	49	Q64	21.53	66	15MHz	1745	1	0	Q64	19.78
12	10MHz	707.5	1	0	Q64	22.06	66	15MHz	1745	1	74	Q64	21.32
12	10MHz	707.5	50	0	Q64	20.70	66	15MHz	1745	75	0	Q64	20.18

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12	10MHz	707.5	1	49	Q256	18.58	66	15MHz	1745	1	0	Q256	17.91
12	10MHz	707.5	1	0	Q256	18.71	66	15MHz	1745	1	74	Q256	18.11
12	10MHz	707.5	50	0	Q256	18.71	66	15MHz	1745	75	0	Q256	18.15
12	10MHz	707.5	1	49	QPSK	21.80	66	20MHz	1745	1	0	QPSK	21.35
12	10MHz	707.5	1	0	QPSK	22.25	66	20MHz	1745	1	99	QPSK	21.53
12	10MHz	707.5	50	0	QPSK	22.08	66	20MHz	1745	100	0	QPSK	21.52
12	10MHz	707.5	1	49	16QAM	21.82	66	20MHz	1745	1	0	16QAM	21.40
12	10MHz	707.5	1	0	16QAM	22.26	66	20MHz	1745	1	99	16QAM	21.45
12	10MHz	707.5	50	0	16QAM	21.58	66	20MHz	1745	100	0	16QAM	19.94
12	10MHz	707.5	1	49	Q64	21.33	66	20MHz	1745	1	0	Q64	19.62
12	10MHz	707.5	1	0	Q64	21.91	66	20MHz	1745	1	99	Q64	21.28
12	10MHz	707.5	50	0	Q64	20.72	66	20MHz	1745	100	0	Q64	20.19
12	10MHz	707.5	1	49	Q256	18.59	66	20MHz	1745	1	0	Q256	17.91
12	10MHz	707.5	1	0	Q256	18.73	66	20MHz	1745	1	99	Q256	18.15
12	10MHz	707.5	50	0	Q256	18.71	66	20MHz	1745	100	0	Q256	18.16

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6.3. ERP and EIRP

This is the test for the maximum radiated power from the EUT.

According to Part 22.913(a), the ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.

According to Part 24.232(c), mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

According to Part 27.50(c), portable stations (hand-held devices) in the 600 MHz uplink Band and the 698-746 MHz Band, and fixed and mobile stations in the 600 MHz uplink Band are limited to 3 watts ERP.

According to Part 27.50(d), fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz Band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz Bands are limited to 1 watt EIRP.

According to 22.913(a), The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.”

Conducted RF Power+Antenna Gain(dBi)=EIRP

Conducted RF Power+Antenna Gain(dBd)=ERP

Antenna Gain(dBd)= Antenna Gain(dBi)-2.15

Frequency Band	AntennaGain (dBi)	AntennaGain (dBd)
LTE Band 2/2A	1.25	N/A
LTE Band 4	1.25	N/A
LTE Band 5	N/A	0.71
LTE Band 7	1.15	N/A
LTE Band 12/12A	N/A	0.71
LTE Band 13	N/A	0.71
LTE Band 14	N/A	0.71
LTE Band 17	2.86	0.71
LTE Band 25	1.25	N/A
LTE Band 26	N/A	0.71
LTE Band 41/41C	1.19	N/A
LTE Band 66	1.25	N/A
LTE Band 71	N/A	0.71

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6.3.1 Measurement result

LTE band 2

Limits 33dBm(2w)

Max EIRP:24.75dBm

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Power (dBm)	Radiated Power(dBm) G _T = 1.25 dBi
1.4MHz	1 RB low	1850.7	QPSK	23.44	24.69
1.4MHz	1 RB mid	1850.7	QPSK	23.40	24.65
1.4MHz	1 RB high	1850.7	QPSK	23.33	24.58
1.4MHz	100% RB	1850.7	QPSK	22.37	23.62
1.4MHz	1 RB low	1850.7	16QAM	22.49	23.74
1.4MHz	1 RB mid	1850.7	16QAM	22.52	23.77
1.4MHz	1 RB high	1850.7	16QAM	22.43	23.68
1.4MHz	100% RB	1850.7	16QAM	21.46	22.71
1.4MHz	1 RB low	1880	QPSK	23.27	24.52
1.4MHz	1 RB mid	1880	QPSK	23.25	24.50
1.4MHz	1 RB high	1880	QPSK	23.15	24.40
1.4MHz	100% RB	1880	QPSK	22.18	23.43
1.4MHz	1 RB low	1880	16QAM	22.37	23.62
1.4MHz	1 RB mid	1880	16QAM	22.33	23.58
1.4MHz	1 RB high	1880	16QAM	22.22	23.47
1.4MHz	100% RB	1880	16QAM	21.18	22.43
1.4MHz	1 RB low	1909.3	QPSK	23.20	24.45
1.4MHz	1 RB mid	1909.3	QPSK	23.20	24.45
1.4MHz	1 RB high	1909.3	QPSK	23.08	24.33
1.4MHz	100% RB	1909.3	QPSK	22.21	23.46
1.4MHz	1 RB low	1909.3	16QAM	22.19	23.44
1.4MHz	1 RB mid	1909.3	16QAM	22.41	23.66
1.4MHz	1 RB high	1909.3	16QAM	22.29	23.54
1.4MHz	100% RB	1909.3	16QAM	21.18	22.43
3MHz	1 RB low	1851.5	QPSK	23.47	24.72
3MHz	1 RB mid	1851.5	QPSK	23.34	24.59
3MHz	1 RB high	1851.5	QPSK	23.24	24.49
3MHz	100% RB	1851.5	QPSK	22.31	23.56
3MHz	1 RB low	1851.5	16QAM	22.55	23.80

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3MHz	1 RB mid	1851.5	16QAM	22.52	23.77
3MHz	1 RB high	1851.5	16QAM	22.31	23.56
3MHz	100% RB	1851.5	16QAM	21.31	22.56
3MHz	1 RB low	1880	QPSK	23.25	24.50
3MHz	1 RB mid	1880	QPSK	23.21	24.46
3MHz	1 RB high	1880	QPSK	23.02	24.27
3MHz	100% RB	1880	QPSK	22.15	23.40
3MHz	1 RB low	1880	16QAM	22.37	23.62
3MHz	1 RB mid	1880	16QAM	22.31	23.56
3MHz	1 RB high	1880	16QAM	22.14	23.39
3MHz	100% RB	1880	16QAM	21.19	22.44
3MHz	1 RB low	1908.5	QPSK	23.29	24.54
3MHz	1 RB mid	1908.5	QPSK	23.25	24.50
3MHz	1 RB high	1908.5	QPSK	23.10	24.35
3MHz	100% RB	1908.5	QPSK	22.25	23.50
3MHz	1 RB low	1908.5	16QAM	22.43	23.68
3MHz	1 RB mid	1908.5	16QAM	22.44	23.69
3MHz	1 RB high	1908.5	16QAM	22.16	23.41
3MHz	100% RB	1908.5	16QAM	21.32	22.57
5MHz	1 RB low	1852.5	QPSK	23.44	24.69
5MHz	1 RB mid	1852.5	QPSK	23.49	24.74
5MHz	1 RB high	1852.5	QPSK	23.36	24.61
5MHz	100% RB	1852.5	QPSK	22.42	23.67
5MHz	1 RB low	1852.5	16QAM	22.55	23.80
5MHz	1 RB mid	1852.5	16QAM	22.54	23.79
5MHz	1 RB high	1852.5	16QAM	22.54	23.79
5MHz	100% RB	1852.5	16QAM	21.41	22.66
5MHz	1 RB low	1880	QPSK	23.34	24.59
5MHz	1 RB mid	1880	QPSK	23.28	24.53
5MHz	1 RB high	1880	QPSK	23.16	24.41
5MHz	100% RB	1880	QPSK	22.18	23.43
5MHz	1 RB low	1880	16QAM	22.36	23.61
5MHz	1 RB mid	1880	16QAM	22.41	23.66
5MHz	1 RB high	1880	16QAM	22.33	23.58
5MHz	100% RB	1880	16QAM	21.17	22.42
5MHz	1 RB low	1907.5	QPSK	23.34	24.59
5MHz	1 RB mid	1907.5	QPSK	23.37	24.62
5MHz	1 RB high	1907.5	QPSK	23.14	24.39

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5MHz	100% RB	1907.5	QPSK	22.29	23.54
5MHz	1 RB low	1907.5	16QAM	22.52	23.77
5MHz	1 RB mid	1907.5	16QAM	22.55	23.80
5MHz	1 RB high	1907.5	16QAM	22.32	23.57
5MHz	100% RB	1907.5	16QAM	21.26	22.51
10MHz	1 RB low	1855	QPSK	23.45	24.70
10MHz	1 RB mid	1855	QPSK	23.44	24.69
10MHz	1 RB high	1855	QPSK	23.30	24.55
10MHz	100% RB	1855	QPSK	22.50	23.75
10MHz	1 RB low	1855	16QAM	22.65	23.90
10MHz	1 RB mid	1855	16QAM	22.62	23.87
10MHz	1 RB high	1855	16QAM	22.47	23.72
10MHz	100% RB	1855	16QAM	21.53	22.78
10MHz	1 RB low	1880	QPSK	23.30	24.55
10MHz	1 RB mid	1880	QPSK	23.29	24.54
10MHz	1 RB high	1880	QPSK	23.15	24.40
10MHz	100% RB	1880	QPSK	22.18	23.43
10MHz	1 RB low	1880	16QAM	22.48	23.73
10MHz	1 RB mid	1880	16QAM	22.40	23.65
10MHz	1 RB high	1880	16QAM	22.26	23.51
10MHz	100% RB	1880	16QAM	21.27	22.52
10MHz	1 RB low	1905	QPSK	23.35	24.60
10MHz	1 RB mid	1905	QPSK	23.24	24.49
10MHz	1 RB high	1905	QPSK	23.16	24.41
10MHz	100% RB	1905	QPSK	22.33	23.58
10MHz	1 RB low	1905	16QAM	22.48	23.73
10MHz	1 RB mid	1905	16QAM	22.53	23.78
10MHz	1 RB high	1905	16QAM	22.44	23.69
10MHz	100% RB	1905	16QAM	21.36	22.61
15MHz	1 RB low	1857.5	QPSK	23.39	24.64
15MHz	1 RB mid	1857.5	QPSK	23.34	24.59
15MHz	1 RB high	1857.5	QPSK	23.27	24.52
15MHz	100% RB	1857.5	QPSK	22.34	23.59
15MHz	1 RB low	1857.5	16QAM	22.62	23.87
15MHz	1 RB mid	1857.5	16QAM	22.64	23.89
15MHz	1 RB high	1857.5	16QAM	22.57	23.82
15MHz	100% RB	1857.5	16QAM	21.33	22.58
15MHz	1 RB low	1880	QPSK	23.26	24.51

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15MHz	1 RB mid	1880	QPSK	23.16	24.41
15MHz	1 RB high	1880	QPSK	23.11	24.36
15MHz	100% RB	1880	QPSK	22.07	23.32
15MHz	1 RB low	1880	16QAM	22.27	23.52
15MHz	1 RB mid	1880	16QAM	22.26	23.51
15MHz	1 RB high	1880	16QAM	22.21	23.46
15MHz	100% RB	1880	16QAM	21.15	22.40
15MHz	1 RB low	1902.5	QPSK	23.18	24.43
15MHz	1 RB mid	1902.5	QPSK	23.18	24.43
15MHz	1 RB high	1902.5	QPSK	23.01	24.26
15MHz	100% RB	1902.5	QPSK	22.22	23.47
15MHz	1 RB low	1902.5	16QAM	22.23	23.48
15MHz	1 RB mid	1902.5	16QAM	22.25	23.50
15MHz	1 RB high	1902.5	16QAM	22.15	23.40
15MHz	100% RB	1902.5	16QAM	21.19	22.44
20MHz	1 RB low	1860	QPSK	23.50	24.75
20MHz	1 RB mid	1860	QPSK	23.44	24.69
20MHz	1 RB high	1860	QPSK	23.35	24.60
20MHz	100% RB	1860	QPSK	22.36	23.61
20MHz	1 RB low	1860	16QAM	22.70	23.95
20MHz	1 RB mid	1860	16QAM	22.61	23.86
20MHz	1 RB high	1860	16QAM	22.44	23.69
20MHz	100% RB	1860	16QAM	21.34	22.59
20MHz	1 RB low	1880	QPSK	23.25	24.50
20MHz	1 RB mid	1880	QPSK	23.06	24.31
20MHz	1 RB high	1880	QPSK	23.04	24.29
20MHz	100% RB	1880	QPSK	22.14	23.39
20MHz	1 RB low	1880	16QAM	22.22	23.47
20MHz	1 RB mid	1880	16QAM	22.47	23.72
20MHz	1 RB high	1880	16QAM	22.24	23.49
20MHz	100% RB	1880	16QAM	21.16	22.41
20MHz	1 RB low	1900	QPSK	23.07	24.32
20MHz	1 RB mid	1900	QPSK	23.16	24.41
20MHz	1 RB high	1900	QPSK	23.02	24.27
20MHz	100% RB	1900	QPSK	22.20	23.45
20MHz	1 RB low	1900	16QAM	22.47	23.72
20MHz	1 RB mid	1900	16QAM	22.49	23.74
20MHz	1 RB high	1900	16QAM	22.21	23.46

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20MHz	100% RB	1900	16QAM	21.16	22.41
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LTE band 4
Limits 30dBm(1w)
Max EIRP:25.00dBm

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Power (dBm)	Radiated Power(dBm) G _T = 1.25 dBi
1.4MHz	1 RB low	1710.7	QPSK	23.84	25.09
1.4MHz	1 RB mid	1710.7	QPSK	23.93	25.18
1.4MHz	1 RB high	1710.7	QPSK	23.77	25.02
1.4MHz	100% RB	1710.7	QPSK	22.82	24.07
1.4MHz	1 RB low	1710.7	16QAM	22.95	24.20
1.4MHz	1 RB mid	1710.7	16QAM	23.03	24.28
1.4MHz	1 RB high	1710.7	16QAM	22.87	24.12
1.4MHz	100% RB	1710.7	16QAM	21.92	23.17
1.4MHz	1 RB low	1732.5	QPSK	23.76	25.01
1.4MHz	1 RB mid	1732.5	QPSK	23.74	24.99
1.4MHz	1 RB high	1732.5	QPSK	23.77	25.02
1.4MHz	100% RB	1732.5	QPSK	22.70	23.95
1.4MHz	1 RB low	1732.5	16QAM	22.90	24.15
1.4MHz	1 RB mid	1732.5	16QAM	22.95	24.20
1.4MHz	1 RB high	1732.5	16QAM	22.83	24.08
1.4MHz	100% RB	1732.5	16QAM	21.80	23.05
1.4MHz	1 RB low	1754.3	QPSK	23.57	24.82
1.4MHz	1 RB mid	1754.3	QPSK	23.65	24.90
1.4MHz	1 RB high	1754.3	QPSK	23.60	24.85
1.4MHz	100% RB	1754.3	QPSK	22.63	23.88
1.4MHz	1 RB low	1754.3	16QAM	22.66	23.91
1.4MHz	1 RB mid	1754.3	16QAM	22.71	23.96
1.4MHz	1 RB high	1754.3	16QAM	22.69	23.94
1.4MHz	100% RB	1754.3	16QAM	21.65	22.90
3MHz	1 RB low	1711.5	QPSK	23.74	24.99
3MHz	1 RB mid	1711.5	QPSK	23.84	25.09
3MHz	1 RB high	1711.5	QPSK	23.72	24.97
3MHz	100% RB	1711.5	QPSK	22.85	24.10
3MHz	1 RB low	1711.5	16QAM	22.97	24.22
3MHz	1 RB mid	1711.5	16QAM	23.04	24.29
3MHz	1 RB high	1711.5	16QAM	22.79	24.04
3MHz	100% RB	1711.5	16QAM	21.93	23.18

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3MHz	1 RB low	1732.5	QPSK	23.78	25.03
3MHz	1 RB mid	1732.5	QPSK	23.87	25.12
3MHz	1 RB high	1732.5	QPSK	23.76	25.01
3MHz	100% RB	1732.5	QPSK	22.76	24.01
3MHz	1 RB low	1732.5	16QAM	22.85	24.10
3MHz	1 RB mid	1732.5	16QAM	22.90	24.15
3MHz	1 RB high	1732.5	16QAM	22.77	24.02
3MHz	100% RB	1732.5	16QAM	21.73	22.98
3MHz	1 RB low	1753.5	QPSK	23.58	24.83
3MHz	1 RB mid	1753.5	QPSK	23.64	24.89
3MHz	1 RB high	1753.5	QPSK	23.57	24.82
3MHz	100% RB	1753.5	QPSK	22.69	23.94
3MHz	1 RB low	1753.5	16QAM	22.89	24.14
3MHz	1 RB mid	1753.5	16QAM	22.77	24.02
3MHz	1 RB high	1753.5	16QAM	22.81	24.06
3MHz	100% RB	1753.5	16QAM	21.66	22.91
5MHz	1 RB low	1712.5	QPSK	23.87	25.12
5MHz	1 RB mid	1712.5	QPSK	23.95	25.20
5MHz	1 RB high	1712.5	QPSK	23.92	25.17
5MHz	100% RB	1712.5	QPSK	22.91	24.16
5MHz	1 RB low	1712.5	16QAM	22.98	24.23
5MHz	1 RB mid	1712.5	16QAM	22.93	24.18
5MHz	1 RB high	1712.5	16QAM	23.03	24.28
5MHz	100% RB	1712.5	16QAM	21.93	23.18
5MHz	1 RB low	1732.5	QPSK	23.83	25.08
5MHz	1 RB mid	1732.5	QPSK	23.90	25.15
5MHz	1 RB high	1732.5	QPSK	23.82	25.07
5MHz	100% RB	1732.5	QPSK	22.79	24.04
5MHz	1 RB low	1732.5	16QAM	22.95	24.20
5MHz	1 RB mid	1732.5	16QAM	22.90	24.15
5MHz	1 RB high	1732.5	16QAM	22.96	24.21
5MHz	100% RB	1732.5	16QAM	21.79	23.04
5MHz	1 RB low	1752.5	QPSK	23.77	25.02
5MHz	1 RB mid	1752.5	QPSK	23.79	25.04
5MHz	1 RB high	1752.5	QPSK	23.72	24.97
5MHz	100% RB	1752.5	QPSK	22.70	23.95
5MHz	1 RB low	1752.5	16QAM	22.89	24.14
5MHz	1 RB mid	1752.5	16QAM	22.89	24.14

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5MHz	1 RB high	1752.5	16QAM	22.91	24.16
5MHz	100% RB	1752.5	16QAM	21.74	22.99
10MHz	1 RB low	1715	QPSK	23.76	25.01
10MHz	1 RB mid	1715	QPSK	23.82	25.07
10MHz	1 RB high	1715	QPSK	23.75	25.00
10MHz	100% RB	1715	QPSK	22.90	24.15
10MHz	1 RB low	1715	16QAM	23.01	24.26
10MHz	1 RB mid	1715	16QAM	22.93	24.18
10MHz	1 RB high	1715	16QAM	22.93	24.18
10MHz	100% RB	1715	16QAM	21.91	23.16
10MHz	1 RB low	1732.5	QPSK	23.79	25.04
10MHz	1 RB mid	1732.5	QPSK	23.85	25.10
10MHz	1 RB high	1732.5	QPSK	23.82	25.07
10MHz	100% RB	1732.5	QPSK	22.81	24.06
10MHz	1 RB low	1732.5	16QAM	22.84	24.09
10MHz	1 RB mid	1732.5	16QAM	22.98	24.23
10MHz	1 RB high	1732.5	16QAM	22.92	24.17
10MHz	100% RB	1732.5	16QAM	21.83	23.08
10MHz	1 RB low	1750	QPSK	23.56	24.81
10MHz	1 RB mid	1750	QPSK	23.61	24.86
10MHz	1 RB high	1750	QPSK	23.54	24.79
10MHz	100% RB	1750	QPSK	22.58	23.83
10MHz	1 RB low	1750	16QAM	22.85	24.10
10MHz	1 RB mid	1750	16QAM	22.83	24.08
10MHz	1 RB high	1750	16QAM	22.76	24.01
10MHz	100% RB	1750	16QAM	21.63	22.88
15MHz	1 RB low	1717.5	QPSK	23.69	24.94
15MHz	1 RB mid	1717.5	QPSK	23.71	24.96
15MHz	1 RB high	1717.5	QPSK	23.69	24.94
15MHz	100% RB	1717.5	QPSK	22.77	24.02
15MHz	1 RB low	1717.5	16QAM	22.77	24.02
15MHz	1 RB mid	1717.5	16QAM	22.93	24.18
15MHz	1 RB high	1717.5	16QAM	22.85	24.10
15MHz	100% RB	1717.5	16QAM	21.79	23.04
15MHz	1 RB low	1732.5	QPSK	23.67	24.92
15MHz	1 RB mid	1732.5	QPSK	23.75	25.00
15MHz	1 RB high	1732.5	QPSK	23.68	24.93
15MHz	100% RB	1732.5	QPSK	22.67	23.92

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15MHz	1 RB low	1732.5	16QAM	22.83	24.08
15MHz	1 RB mid	1732.5	16QAM	22.82	24.07
15MHz	1 RB high	1732.5	16QAM	22.77	24.02
15MHz	100% RB	1732.5	16QAM	21.69	22.94
15MHz	1 RB low	1747.5	QPSK	23.53	24.78
15MHz	1 RB mid	1747.5	QPSK	23.51	24.76
15MHz	1 RB high	1747.5	QPSK	23.45	24.70
15MHz	100% RB	1747.5	QPSK	22.50	23.75
15MHz	1 RB low	1747.5	16QAM	22.77	24.02
15MHz	1 RB mid	1747.5	16QAM	22.76	24.01
15MHz	1 RB high	1747.5	16QAM	22.71	23.96
15MHz	100% RB	1747.5	16QAM	21.57	22.82
20MHz	1 RB low	1720	QPSK	23.76	25.01
20MHz	1 RB mid	1720	QPSK	23.79	25.04
20MHz	1 RB high	1720	QPSK	23.90	25.15
20MHz	100% RB	1720	QPSK	22.79	24.04
20MHz	1 RB low	1720	16QAM	22.94	24.19
20MHz	1 RB mid	1720	16QAM	22.90	24.15
20MHz	1 RB high	1720	16QAM	23.08	24.33
20MHz	100% RB	1720	16QAM	21.79	23.04
20MHz	1 RB low	1732.5	QPSK	23.61	24.86
20MHz	1 RB mid	1732.5	QPSK	23.69	24.94
20MHz	1 RB high	1732.5	QPSK	23.62	24.87
20MHz	100% RB	1732.5	QPSK	22.69	23.94
20MHz	1 RB low	1732.5	16QAM	22.74	23.99
20MHz	1 RB mid	1732.5	16QAM	22.86	24.11
20MHz	1 RB high	1732.5	16QAM	22.76	24.01
20MHz	100% RB	1732.5	16QAM	21.69	22.94
20MHz	1 RB low	1745	QPSK	23.63	24.88
20MHz	1 RB mid	1745	QPSK	23.58	24.83
20MHz	1 RB high	1745	QPSK	23.53	24.78
20MHz	100% RB	1745	QPSK	22.66	23.91
20MHz	1 RB low	1745	16QAM	22.93	24.18
20MHz	1 RB mid	1745	16QAM	23.01	24.26
20MHz	1 RB high	1745	16QAM	22.77	24.02
20MHz	100% RB	1745	16QAM	21.61	22.86

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LTE band 5
Limits 38.5dBm(7w)
Max ERP:25.59dBm

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Power (dBm)	Radiated Power(dBm) G _T = 0.71 dBd
1.4MHz	1 RB low	824.7	QPSK	23.97	24.68
1.4MHz	1 RB mid	824.7	QPSK	23.96	24.67
1.4MHz	1 RB high	824.7	QPSK	23.94	24.65
1.4MHz	100% RB	824.7	QPSK	23.98	24.69
1.4MHz	1 RB low	824.7	16QAM	24.01	24.72
1.4MHz	1 RB mid	824.7	16QAM	23.99	24.70
1.4MHz	1 RB high	824.7	16QAM	24.08	24.79
1.4MHz	100% RB	824.7	16QAM	23.05	23.76
1.4MHz	1 RB low	836.5	QPSK	24.88	25.59
1.4MHz	1 RB mid	836.5	QPSK	23.90	24.61
1.4MHz	1 RB high	836.5	QPSK	23.92	24.63
1.4MHz	100% RB	836.5	QPSK	23.93	24.64
1.4MHz	1 RB low	836.5	16QAM	24.02	24.73
1.4MHz	1 RB mid	836.5	16QAM	24.08	24.79
1.4MHz	1 RB high	836.5	16QAM	23.95	24.66
1.4MHz	100% RB	836.5	16QAM	22.91	23.62
1.4MHz	1 RB low	848.3	QPSK	23.80	24.51
1.4MHz	1 RB mid	848.3	QPSK	23.84	24.55
1.4MHz	1 RB high	848.3	QPSK	23.81	24.52
1.4MHz	100% RB	848.3	QPSK	23.87	24.58
1.4MHz	1 RB low	848.3	16QAM	24.19	24.90
1.4MHz	1 RB mid	848.3	16QAM	24.02	24.73
1.4MHz	1 RB high	848.3	16QAM	24.00	24.71
1.4MHz	100% RB	848.3	16QAM	22.79	23.50
3MHz	1 RB low	825.5	QPSK	23.91	24.62
3MHz	1 RB mid	825.5	QPSK	23.96	24.67
3MHz	1 RB high	825.5	QPSK	23.84	24.55
3MHz	100% RB	825.5	QPSK	23.98	24.69
3MHz	1 RB low	825.5	16QAM	24.24	24.95
3MHz	1 RB mid	825.5	16QAM	24.11	24.82
3MHz	1 RB high	825.5	16QAM	24.04	24.75
3MHz	100% RB	825.5	16QAM	23.02	23.73

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3MHz	1 RB low	836.5	QPSK	23.84	24.55
3MHz	1 RB mid	836.5	QPSK	23.99	24.70
3MHz	1 RB high	836.5	QPSK	23.92	24.63
3MHz	100% RB	836.5	QPSK	23.93	24.64
3MHz	1 RB low	836.5	16QAM	23.98	24.69
3MHz	1 RB mid	836.5	16QAM	24.08	24.79
3MHz	1 RB high	836.5	16QAM	23.92	24.63
3MHz	100% RB	836.5	16QAM	22.97	23.68
3MHz	1 RB low	847.5	QPSK	23.74	24.45
3MHz	1 RB mid	847.5	QPSK	23.87	24.58
3MHz	1 RB high	847.5	QPSK	23.83	24.54
3MHz	100% RB	847.5	QPSK	23.85	24.56
3MHz	1 RB low	847.5	16QAM	23.85	24.56
3MHz	1 RB mid	847.5	16QAM	24.04	24.68
3MHz	1 RB high	847.5	16QAM	23.94	24.67
3MHz	100% RB	847.5	16QAM	22.84	24.65
5MHz	1 RB low	826.5	QPSK	24.12	24.69
5MHz	1 RB mid	826.5	QPSK	24.08	24.72
5MHz	1 RB high	826.5	QPSK	23.96	24.70
5MHz	100% RB	826.5	QPSK	24.03	24.79
5MHz	1 RB low	826.5	16QAM	24.23	23.76
5MHz	1 RB mid	826.5	16QAM	24.03	25.59
5MHz	1 RB high	826.5	16QAM	24.08	24.61
5MHz	100% RB	826.5	16QAM	23.03	24.63
5MHz	1 RB low	836.5	QPSK	24.05	24.64
5MHz	1 RB mid	836.5	QPSK	24.00	24.73
5MHz	1 RB high	836.5	QPSK	24.01	24.79
5MHz	100% RB	836.5	QPSK	23.98	24.66
5MHz	1 RB low	836.5	16QAM	24.13	23.62
5MHz	1 RB mid	836.5	16QAM	24.17	24.51
5MHz	1 RB high	836.5	16QAM	24.08	24.55
5MHz	100% RB	836.5	16QAM	23.00	24.52
5MHz	1 RB low	846.5	QPSK	23.94	24.58
5MHz	1 RB mid	846.5	QPSK	23.97	24.90
5MHz	1 RB high	846.5	QPSK	23.93	24.73
5MHz	100% RB	846.5	QPSK	23.92	24.71
5MHz	1 RB low	846.5	16QAM	24.03	23.50
5MHz	1 RB mid	846.5	16QAM	24.11	24.62

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5MHz	1 RB high	846.5	16QAM	24.01	24.67
5MHz	100% RB	846.5	16QAM	22.90	24.55
10MHz	1 RB low	829	QPSK	24.03	24.69
10MHz	1 RB mid	829	QPSK	23.89	24.95
10MHz	1 RB high	829	QPSK	23.78	24.82
10MHz	100% RB	829	QPSK	24.02	24.75
10MHz	1 RB low	829	16QAM	24.23	23.73
10MHz	1 RB mid	829	16QAM	24.14	24.55
10MHz	1 RB high	829	16QAM	24.04	24.70
10MHz	100% RB	829	16QAM	22.99	24.63
10MHz	1 RB low	836.5	QPSK	23.93	24.64
10MHz	1 RB mid	836.5	QPSK	23.91	24.69
10MHz	1 RB high	836.5	QPSK	23.88	24.79
10MHz	100% RB	836.5	QPSK	24.00	24.63
10MHz	1 RB low	836.5	16QAM	24.06	23.68
10MHz	1 RB mid	836.5	16QAM	24.00	24.45
10MHz	1 RB high	836.5	16QAM	24.05	24.58
10MHz	100% RB	836.5	16QAM	23.01	24.54
10MHz	1 RB low	844	QPSK	23.99	24.56
10MHz	1 RB mid	844	QPSK	23.84	24.56
10MHz	1 RB high	844	QPSK	23.77	24.68
10MHz	100% RB	844	QPSK	23.94	24.67
10MHz	1 RB low	844	16QAM	24.15	24.65
10MHz	1 RB mid	844	16QAM	24.02	24.69
10MHz	1 RB high	844	16QAM	23.99	24.72
10MHz	100% RB	844	16QAM	22.90	24.70

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LTE band 7
Limits 33dBm(2w)
Max EIRP:24.12dBm

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Power (dBm)	Radiated Power(dBm) G _T = 1.15 dBi
5MHz	1 RB low	2502.5	QPSK	22.51	23.66
5MHz	1 RB mid	2502.5	QPSK	22.68	23.83
5MHz	1 RB high	2502.5	QPSK	22.65	23.80
5MHz	100% RB	2502.5	QPSK	21.60	22.75
5MHz	1 RB low	2502.5	16QAM	21.67	22.82
5MHz	1 RB mid	2502.5	16QAM	21.80	22.95
5MHz	1 RB high	2502.5	16QAM	21.76	22.91
5MHz	100% RB	2502.5	16QAM	20.66	21.81
5MHz	1 RB low	2535	QPSK	22.65	23.80
5MHz	1 RB mid	2535	QPSK	22.79	23.94
5MHz	1 RB high	2535	QPSK	22.78	23.93
5MHz	100% RB	2535	QPSK	21.65	22.80
5MHz	1 RB low	2535	16QAM	21.76	22.91
5MHz	1 RB mid	2535	16QAM	22.03	23.18
5MHz	1 RB high	2535	16QAM	22.03	23.18
5MHz	100% RB	2535	16QAM	20.68	21.83
5MHz	1 RB low	2567.5	QPSK	22.72	23.87
5MHz	1 RB mid	2567.5	QPSK	22.73	23.88
5MHz	1 RB high	2567.5	QPSK	22.73	23.88
5MHz	100% RB	2567.5	QPSK	21.64	22.79
5MHz	1 RB low	2567.5	16QAM	21.79	22.94
5MHz	1 RB mid	2567.5	16QAM	21.87	23.02
5MHz	1 RB high	2567.5	16QAM	21.78	22.93
5MHz	100% RB	2567.5	16QAM	20.66	21.81
10MHz	1 RB low	2505	QPSK	22.52	23.67
10MHz	1 RB mid	2505	QPSK	22.71	23.86
10MHz	1 RB high	2505	QPSK	22.74	23.89
10MHz	100% RB	2505	QPSK	21.68	22.83
10MHz	1 RB low	2505	16QAM	21.75	22.90
10MHz	1 RB mid	2505	16QAM	21.90	23.05
10MHz	1 RB high	2505	16QAM	21.98	23.13
10MHz	100% RB	2505	16QAM	20.72	21.87

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10MHz	1 RB low	2535	QPSK	22.73	23.88
10MHz	1 RB mid	2535	QPSK	22.86	24.01
10MHz	1 RB high	2535	QPSK	22.97	24.12
10MHz	100% RB	2535	QPSK	21.77	22.92
10MHz	1 RB low	2535	16QAM	21.78	22.93
10MHz	1 RB mid	2535	16QAM	21.87	23.02
10MHz	1 RB high	2535	16QAM	22.02	23.17
10MHz	100% RB	2535	16QAM	20.76	21.91
10MHz	1 RB low	2565	QPSK	22.81	23.96
10MHz	1 RB mid	2565	QPSK	22.80	23.95
10MHz	1 RB high	2565	QPSK	22.73	23.88
10MHz	100% RB	2565	QPSK	21.82	22.97
10MHz	1 RB low	2565	16QAM	22.04	23.19
10MHz	1 RB mid	2565	16QAM	22.04	23.19
10MHz	1 RB high	2565	16QAM	21.92	23.07
10MHz	100% RB	2565	16QAM	20.88	22.03
15MHz	1 RB low	2507.5	QPSK	22.38	23.53
15MHz	1 RB mid	2507.5	QPSK	22.56	23.71
15MHz	1 RB high	2507.5	QPSK	22.41	23.56
15MHz	100% RB	2507.5	QPSK	21.60	22.75
15MHz	1 RB low	2507.5	16QAM	21.62	22.77
15MHz	1 RB mid	2507.5	16QAM	21.71	22.86
15MHz	1 RB high	2507.5	16QAM	21.74	22.89
15MHz	100% RB	2507.5	16QAM	20.61	21.76
15MHz	1 RB low	2535	QPSK	22.50	23.65
15MHz	1 RB mid	2535	QPSK	22.62	23.77
15MHz	1 RB high	2535	QPSK	22.70	23.85
15MHz	100% RB	2535	QPSK	21.62	22.77
15MHz	1 RB low	2535	16QAM	21.54	22.69
15MHz	1 RB mid	2535	16QAM	21.66	22.81
15MHz	1 RB high	2535	16QAM	21.71	22.86
15MHz	100% RB	2535	16QAM	20.60	21.75
15MHz	1 RB low	2562.5	QPSK	22.72	23.87
15MHz	1 RB mid	2562.5	QPSK	22.64	23.79
15MHz	1 RB high	2562.5	QPSK	22.52	23.67
15MHz	100% RB	2562.5	QPSK	21.66	22.81
15MHz	1 RB low	2562.5	16QAM	21.86	23.01
15MHz	1 RB mid	2562.5	16QAM	21.84	22.99

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15MHz	1 RB high	2562.5	16QAM	21.66	22.81
15MHz	100% RB	2562.5	16QAM	20.65	21.80
20MHz	1 RB low	2510	QPSK	22.45	23.60
20MHz	1 RB mid	2510	QPSK	22.58	23.73
20MHz	1 RB high	2510	QPSK	22.49	23.64
20MHz	100% RB	2510	QPSK	21.61	22.76
20MHz	1 RB low	2510	16QAM	21.60	22.75
20MHz	1 RB mid	2510	16QAM	21.86	23.01
20MHz	1 RB high	2510	16QAM	21.80	22.95
20MHz	100% RB	2510	16QAM	20.65	21.80
20MHz	1 RB low	2535	QPSK	22.42	23.57
20MHz	1 RB mid	2535	QPSK	22.58	23.73
20MHz	1 RB high	2535	QPSK	22.76	23.91
20MHz	100% RB	2535	QPSK	21.63	22.78
20MHz	1 RB low	2535	16QAM	21.34	22.49
20MHz	1 RB mid	2535	16QAM	21.68	22.83
20MHz	1 RB high	2535	16QAM	21.73	22.88
20MHz	100% RB	2535	16QAM	20.64	21.79
20MHz	1 RB low	2560	QPSK	22.80	23.95
20MHz	1 RB mid	2560	QPSK	22.68	23.83
20MHz	1 RB high	2560	QPSK	22.52	23.67
20MHz	100% RB	2560	QPSK	21.80	22.95
20MHz	1 RB low	2560	16QAM	21.99	23.14
20MHz	1 RB mid	2560	16QAM	22.01	23.16
20MHz	1 RB high	2560	16QAM	21.79	22.94
20MHz	100% RB	2560	16QAM	21.07	22.22

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LTE band 12
Limits 34.7dBm(3w)
Max ERP:24.85dBm

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Power (dBm)	Radiated Power(dBm) G _T = 0.71dBd
1.4MHz	1 RB low	699.7	QPSK	24.14	24.85
1.4MHz	1 RB mid	699.7	QPSK	23.10	23.81
1.4MHz	1 RB high	699.7	QPSK	23.06	23.77
1.4MHz	100% RB	699.7	QPSK	23.10	23.81
1.4MHz	1 RB low	699.7	16QAM	23.16	23.87
1.4MHz	1 RB mid	699.7	16QAM	23.25	23.96
1.4MHz	1 RB high	699.7	16QAM	23.17	23.88
1.4MHz	100% RB	699.7	16QAM	22.08	22.79
1.4MHz	1 RB low	707.5	QPSK	23.04	23.75
1.4MHz	1 RB mid	707.5	QPSK	23.06	23.77
1.4MHz	1 RB high	707.5	QPSK	23.04	23.75
1.4MHz	100% RB	707.5	QPSK	23.00	23.71
1.4MHz	1 RB low	707.5	16QAM	23.33	24.04
1.4MHz	1 RB mid	707.5	16QAM	23.23	23.94
1.4MHz	1 RB high	707.5	16QAM	23.18	23.89
1.4MHz	100% RB	707.5	16QAM	22.13	22.84
1.4MHz	1 RB low	715.3	QPSK	23.13	23.84
1.4MHz	1 RB mid	715.3	QPSK	23.08	23.79
1.4MHz	1 RB high	715.3	QPSK	22.99	23.70
1.4MHz	100% RB	715.3	QPSK	23.05	23.76
1.4MHz	1 RB low	715.3	16QAM	23.11	23.82
1.4MHz	1 RB mid	715.3	16QAM	23.10	23.81
1.4MHz	1 RB high	715.3	16QAM	23.03	23.74
1.4MHz	100% RB	715.3	16QAM	22.07	22.78
3MHz	1 RB low	700.5	QPSK	23.02	23.73
3MHz	1 RB mid	700.5	QPSK	23.03	23.74
3MHz	1 RB high	700.5	QPSK	22.96	23.67
3MHz	100% RB	700.5	QPSK	23.10	23.81
3MHz	1 RB low	700.5	16QAM	23.17	23.88
3MHz	1 RB mid	700.5	16QAM	23.30	24.01
3MHz	1 RB high	700.5	16QAM	23.20	23.91
3MHz	100% RB	700.5	16QAM	22.10	22.81

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3MHz	1 RB low	707.5	QPSK	23.10	23.81
3MHz	1 RB mid	707.5	QPSK	23.13	23.84
3MHz	1 RB high	707.5	QPSK	23.03	23.74
3MHz	100% RB	707.5	QPSK	23.04	23.75
3MHz	1 RB low	707.5	16QAM	23.13	23.84
3MHz	1 RB mid	707.5	16QAM	23.26	23.97
3MHz	1 RB high	707.5	16QAM	23.10	23.81
3MHz	100% RB	707.5	16QAM	22.02	22.73
3MHz	1 RB low	714.5	QPSK	23.10	23.81
3MHz	1 RB mid	714.5	QPSK	23.15	23.86
3MHz	1 RB high	714.5	QPSK	22.99	23.70
3MHz	100% RB	714.5	QPSK	23.02	23.73
3MHz	1 RB low	714.5	16QAM	23.28	23.99
3MHz	1 RB mid	714.5	16QAM	23.22	23.93
3MHz	1 RB high	714.5	16QAM	23.31	24.02
3MHz	100% RB	714.5	16QAM	22.01	22.72
5MHz	1 RB low	701.5	QPSK	23.09	23.80
5MHz	1 RB mid	701.5	QPSK	23.11	23.82
5MHz	1 RB high	701.5	QPSK	23.09	23.80
5MHz	100% RB	701.5	QPSK	23.13	23.84
5MHz	1 RB low	701.5	16QAM	23.25	23.96
5MHz	1 RB mid	701.5	16QAM	23.14	23.85
5MHz	1 RB high	701.5	16QAM	23.19	23.90
5MHz	100% RB	701.5	16QAM	22.17	22.88
5MHz	1 RB low	707.5	QPSK	23.14	23.85
5MHz	1 RB mid	707.5	QPSK	23.19	23.90
5MHz	1 RB high	707.5	QPSK	23.14	23.85
5MHz	100% RB	707.5	QPSK	23.07	23.78
5MHz	1 RB low	707.5	16QAM	23.18	23.89
5MHz	1 RB mid	707.5	16QAM	23.34	24.05
5MHz	1 RB high	707.5	16QAM	23.17	23.88
5MHz	100% RB	707.5	16QAM	22.05	22.76
5MHz	1 RB low	713.5	QPSK	23.14	23.85
5MHz	1 RB mid	713.5	QPSK	23.16	23.87
5MHz	1 RB high	713.5	QPSK	23.07	23.78
5MHz	100% RB	713.5	QPSK	23.11	23.82
5MHz	1 RB low	713.5	16QAM	23.39	24.10
5MHz	1 RB mid	713.5	16QAM	23.30	24.01

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5MHz	1 RB high	713.5	16QAM	23.21	23.92
5MHz	100% RB	713.5	16QAM	22.13	22.84
10MHz	1 RB low	704	QPSK	23.08	23.79
10MHz	1 RB mid	704	QPSK	23.05	23.76
10MHz	1 RB high	704	QPSK	23.01	23.72
10MHz	100% RB	704	QPSK	23.14	23.85
10MHz	1 RB low	704	16QAM	23.21	23.92
10MHz	1 RB mid	704	16QAM	23.27	23.98
10MHz	1 RB high	704	16QAM	23.25	23.96
10MHz	100% RB	704	16QAM	22.13	22.84
10MHz	1 RB low	707.5	QPSK	23.14	23.85
10MHz	1 RB mid	707.5	QPSK	23.11	23.82
10MHz	1 RB high	707.5	QPSK	23.09	23.80
10MHz	100% RB	707.5	QPSK	23.06	23.77
10MHz	1 RB low	707.5	16QAM	23.22	23.93
10MHz	1 RB mid	707.5	16QAM	23.20	23.91
10MHz	1 RB high	707.5	16QAM	23.14	23.85
10MHz	100% RB	707.5	16QAM	22.08	22.79
10MHz	1 RB low	711	QPSK	23.09	23.80
10MHz	1 RB mid	711	QPSK	23.06	23.77
10MHz	1 RB high	711	QPSK	22.98	23.69
10MHz	100% RB	711	QPSK	23.15	23.86
10MHz	1 RB low	711	16QAM	23.19	23.90
10MHz	1 RB mid	711	16QAM	23.31	24.02
10MHz	1 RB high	711	16QAM	23.21	23.92
10MHz	100% RB	711	16QAM	22.13	22.84

LTE band 13
Limits 38.5dBm(7w)
Max ERP:24.89dBm

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Power (dBm)	Radiated Power(dBm) G _T = 0.71dBd
5MHz	1 RB low	779.5	QPSK	24.14	24.85
5MHz	1 RB mid	779.5	QPSK	24.09	24.80
5MHz	1 RB high	779.5	QPSK	24.09	24.80
5MHz	100% RB	779.5	QPSK	23.09	23.80
5MHz	1 RB low	779.5	16QAM	23.23	23.94
5MHz	1 RB mid	779.5	16QAM	23.27	23.98
5MHz	1 RB high	779.5	16QAM	23.14	23.85
5MHz	100% RB	779.5	16QAM	22.09	22.80
5MHz	1 RB low	782	QPSK	24.06	24.77
5MHz	1 RB mid	782	QPSK	24.18	24.89
5MHz	1 RB high	782	QPSK	24.13	24.84
5MHz	100% RB	782	QPSK	23.02	23.73
5MHz	1 RB low	782	16QAM	23.25	23.96
5MHz	1 RB mid	782	16QAM	23.32	24.03
5MHz	1 RB high	782	16QAM	23.34	24.05
5MHz	100% RB	782	16QAM	22.02	22.73
5MHz	1 RB low	784.5	QPSK	24.15	24.86
5MHz	1 RB mid	784.5	QPSK	24.22	24.93
5MHz	1 RB high	784.5	QPSK	24.14	24.85
5MHz	100% RB	784.5	QPSK	23.18	23.89
5MHz	1 RB low	784.5	16QAM	23.40	24.11
5MHz	1 RB mid	784.5	16QAM	23.41	24.12
5MHz	1 RB high	784.5	16QAM	23.31	24.02
5MHz	100% RB	784.5	16QAM	22.13	22.84
10MHz	1 RB low	782	QPSK	24.02	24.73
10MHz	1 RB mid	782	QPSK	24.09	24.80
10MHz	1 RB high	782	QPSK	24.06	24.77
10MHz	100% RB	782	QPSK	23.18	23.89
10MHz	1 RB low	782	16QAM	23.32	24.03
10MHz	1 RB mid	782	16QAM	23.20	23.91
10MHz	1 RB high	782	16QAM	23.27	23.98
10MHz	100% RB	782	16QAM	22.16	22.87

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10MHz	1 RB low	782	QPSK	24.03	24.74
10MHz	1 RB mid	782	QPSK	24.09	24.80
10MHz	1 RB high	782	QPSK	24.07	24.78
10MHz	100% RB	782	QPSK	23.13	23.84
10MHz	1 RB low	782	16QAM	23.20	23.91
10MHz	1 RB mid	782	16QAM	23.29	24.00
10MHz	1 RB high	782	16QAM	23.30	24.01
10MHz	100% RB	782	16QAM	22.21	22.92
10MHz	1 RB low	782	QPSK	24.04	24.75
10MHz	1 RB mid	782	QPSK	24.05	24.76
10MHz	1 RB high	782	QPSK	24.07	24.78
10MHz	100% RB	782	QPSK	23.15	23.86
10MHz	1 RB low	782	16QAM	23.27	23.98
10MHz	1 RB mid	782	16QAM	23.32	24.03
10MHz	1 RB high	782	16QAM	23.30	24.01
10MHz	100% RB	782	16QAM	22.15	22.86

LTE band 14
Limits 38.5dBm(7w)
Max ERP:24.92dBm

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Power (dBm)	Radiated Power(dBm) G _T = 0.71dBd
5MHz	1 RB low	790.5	QPSK	24.21	24.92
5MHz	1 RB mid	790.5	QPSK	24.13	24.84
5MHz	1 RB high	790.5	QPSK	24.06	24.77
5MHz	100% RB	790.5	QPSK	23.09	23.80
5MHz	1 RB low	790.5	16QAM	23.39	24.10
5MHz	1 RB mid	790.5	16QAM	23.28	23.99
5MHz	1 RB high	790.5	16QAM	23.23	23.94
5MHz	100% RB	790.5	16QAM	22.15	22.86
5MHz	1 RB low	793	QPSK	24.20	24.91
5MHz	1 RB mid	793	QPSK	24.18	24.89
5MHz	1 RB high	793	QPSK	24.11	24.82
5MHz	100% RB	793	QPSK	23.07	23.78
5MHz	1 RB low	793	16QAM	23.41	24.12
5MHz	1 RB mid	793	16QAM	23.38	24.09
5MHz	1 RB high	793	16QAM	23.35	24.06
5MHz	100% RB	793	16QAM	22.05	22.76
5MHz	1 RB low	795.5	QPSK	24.19	24.90
5MHz	1 RB mid	795.5	QPSK	24.18	24.89
5MHz	1 RB high	795.5	QPSK	24.11	24.82
5MHz	100% RB	795.5	QPSK	23.14	23.85
5MHz	1 RB low	795.5	16QAM	23.28	23.99
5MHz	1 RB mid	795.5	16QAM	23.29	24.00
5MHz	1 RB high	795.5	16QAM	23.24	23.95
5MHz	100% RB	795.5	16QAM	22.13	22.84
10MHz	1 RB low	793	QPSK	24.16	24.87
10MHz	1 RB mid	793	QPSK	24.07	24.78
10MHz	1 RB high	793	QPSK	23.98	24.69
10MHz	100% RB	793	QPSK	23.08	23.79
10MHz	1 RB low	793	16QAM	23.35	24.06
10MHz	1 RB mid	793	16QAM	23.26	23.97
10MHz	1 RB high	793	16QAM	23.20	23.91
10MHz	100% RB	793	16QAM	22.09	22.80

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10MHz	1 RB low	793	QPSK	24.16	24.87
10MHz	1 RB mid	793	QPSK	24.08	24.79
10MHz	1 RB high	793	QPSK	24.04	24.75
10MHz	100% RB	793	QPSK	23.07	23.78
10MHz	1 RB low	793	16QAM	23.18	23.89
10MHz	1 RB mid	793	16QAM	23.38	24.09
10MHz	1 RB high	793	16QAM	23.21	23.92
10MHz	100% RB	793	16QAM	22.08	22.79
10MHz	1 RB low	793	QPSK	24.09	24.80
10MHz	1 RB mid	793	QPSK	24.06	24.77
10MHz	1 RB high	793	QPSK	24.04	24.75
10MHz	100% RB	793	QPSK	23.09	23.80
10MHz	1 RB low	793	16QAM	23.29	24.00
10MHz	1 RB mid	793	16QAM	23.25	23.96
10MHz	1 RB high	793	16QAM	23.14	23.85
10MHz	100% RB	793	16QAM	22.08	22.79

LTE band 17
Limits 34.7dBm(3w)
Max ERP:24.19dBm

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Power (dBm)	Radiated Power(dBm) G _T = 0.71dBi
5MHz	1 RB low	706.5	QPSK	23.20	23.91
5MHz	1 RB mid	706.5	QPSK	23.16	23.87
5MHz	1 RB high	706.5	QPSK	23.16	23.87
5MHz	100% RB	706.5	QPSK	23.12	23.83
5MHz	1 RB low	706.5	16QAM	23.16	23.87
5MHz	1 RB mid	706.5	16QAM	23.34	24.05
5MHz	1 RB high	706.5	16QAM	23.30	24.01
5MHz	100% RB	706.5	16QAM	22.22	22.93
5MHz	1 RB low	710	QPSK	23.25	23.96
5MHz	1 RB mid	710	QPSK	23.23	23.94
5MHz	1 RB high	710	QPSK	23.13	23.84
5MHz	100% RB	710	QPSK	23.12	23.83
5MHz	1 RB low	710	16QAM	23.44	24.15
5MHz	1 RB mid	710	16QAM	23.35	24.06
5MHz	1 RB high	710	16QAM	23.32	24.03
5MHz	100% RB	710	16QAM	22.12	22.83
5MHz	1 RB low	713.5	QPSK	23.31	24.02
5MHz	1 RB mid	713.5	QPSK	23.16	23.87
5MHz	1 RB high	713.5	QPSK	23.10	23.81
5MHz	100% RB	713.5	QPSK	23.20	23.91
5MHz	1 RB low	713.5	16QAM	23.48	24.19
5MHz	1 RB mid	713.5	16QAM	23.35	24.06
5MHz	1 RB high	713.5	16QAM	23.21	23.92
5MHz	100% RB	713.5	16QAM	22.24	22.95
10MHz	1 RB low	709	QPSK	23.06	23.77
10MHz	1 RB mid	709	QPSK	23.10	23.81
10MHz	1 RB high	709	QPSK	23.12	23.83
10MHz	100% RB	709	QPSK	23.15	23.86
10MHz	1 RB low	709	16QAM	23.27	23.98
10MHz	1 RB mid	709	16QAM	23.27	23.98
10MHz	1 RB high	709	16QAM	23.21	23.92
10MHz	100% RB	709	16QAM	22.14	22.85

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10MHz	1 RB low	710	QPSK	23.06	23.77
10MHz	1 RB mid	710	QPSK	23.14	23.85
10MHz	1 RB high	710	QPSK	23.07	23.78
10MHz	100% RB	710	QPSK	23.10	23.81
10MHz	1 RB low	710	16QAM	23.21	23.92
10MHz	1 RB mid	710	16QAM	23.26	23.97
10MHz	1 RB high	710	16QAM	23.29	24.00
10MHz	100% RB	710	16QAM	22.11	22.82
10MHz	1 RB low	711	QPSK	23.12	23.83
10MHz	1 RB mid	711	QPSK	23.12	23.83
10MHz	1 RB high	711	QPSK	23.02	23.73
10MHz	100% RB	711	QPSK	23.17	23.88
10MHz	1 RB low	711	16QAM	23.23	23.94
10MHz	1 RB mid	711	16QAM	23.20	23.91
10MHz	1 RB high	711	16QAM	23.16	23.87
10MHz	100% RB	711	16QAM	22.13	22.84

LTE band 25
Limits 33dBm(2w)
Max EIRP:24.89dBm

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Power (dBm)	Radiated Power(dBm) G _T = 1.25dBi
1.4MHz	1 RB low	1850.7	QPSK	23.53	24.78
1.4MHz	1 RB mid	1850.7	QPSK	23.50	24.75
1.4MHz	1 RB high	1850.7	QPSK	23.49	24.74
1.4MHz	100% RB	1850.7	QPSK	22.49	23.74
1.4MHz	1 RB low	1850.7	16QAM	22.60	23.85
1.4MHz	1 RB mid	1850.7	16QAM	22.69	23.94
1.4MHz	1 RB high	1850.7	16QAM	22.59	23.84
1.4MHz	100% RB	1850.7	16QAM	21.49	22.74
1.4MHz	1 RB low	1882.5	QPSK	23.19	24.44
1.4MHz	1 RB mid	1882.5	QPSK	23.17	24.42
1.4MHz	1 RB high	1882.5	QPSK	23.16	24.41
1.4MHz	100% RB	1882.5	QPSK	22.19	23.44
1.4MHz	1 RB low	1882.5	16QAM	22.38	23.63
1.4MHz	1 RB mid	1882.5	16QAM	22.24	23.49
1.4MHz	1 RB high	1882.5	16QAM	22.39	23.64
1.4MHz	100% RB	1882.5	16QAM	21.17	22.42
1.4MHz	1 RB low	1914.3	QPSK	23.44	24.69
1.4MHz	1 RB mid	1914.3	QPSK	23.46	24.71
1.4MHz	1 RB high	1914.3	QPSK	23.33	24.58
1.4MHz	100% RB	1914.3	QPSK	22.38	23.63
1.4MHz	1 RB low	1914.3	16QAM	22.52	23.77
1.4MHz	1 RB mid	1914.3	16QAM	22.47	23.72
1.4MHz	1 RB high	1914.3	16QAM	22.50	23.75
1.4MHz	100% RB	1914.3	16QAM	21.41	22.66
3MHz	1 RB low	1851.5	QPSK	23.53	24.78
3MHz	1 RB mid	1851.5	QPSK	23.57	24.82
3MHz	1 RB high	1851.5	QPSK	23.41	24.66
3MHz	100% RB	1851.5	QPSK	22.47	23.72
3MHz	1 RB low	1851.5	16QAM	22.73	23.98
3MHz	1 RB mid	1851.5	16QAM	22.69	23.94
3MHz	1 RB high	1851.5	16QAM	22.64	23.89
3MHz	100% RB	1851.5	16QAM	21.46	22.71

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3MHz	1 RB low	1882.5	QPSK	23.23	24.48
3MHz	1 RB mid	1882.5	QPSK	23.28	24.53
3MHz	1 RB high	1882.5	QPSK	23.19	24.44
3MHz	100% RB	1882.5	QPSK	22.26	23.51
3MHz	1 RB low	1882.5	16QAM	22.39	23.64
3MHz	1 RB mid	1882.5	16QAM	22.41	23.66
3MHz	1 RB high	1882.5	16QAM	22.33	23.58
3MHz	100% RB	1882.5	16QAM	21.34	22.59
3MHz	1 RB low	1913.5	QPSK	23.51	24.76
3MHz	1 RB mid	1913.5	QPSK	23.50	24.75
3MHz	1 RB high	1913.5	QPSK	23.43	24.68
3MHz	100% RB	1913.5	QPSK	22.47	23.72
3MHz	1 RB low	1913.5	16QAM	22.58	23.83
3MHz	1 RB mid	1913.5	16QAM	22.65	23.90
3MHz	1 RB high	1913.5	16QAM	22.56	23.81
3MHz	100% RB	1913.5	16QAM	21.56	22.81
5MHz	1 RB low	1852.5	QPSK	23.64	24.89
5MHz	1 RB mid	1852.5	QPSK	23.59	24.84
5MHz	1 RB high	1852.5	QPSK	23.58	24.83
5MHz	100% RB	1852.5	QPSK	22.59	23.84
5MHz	1 RB low	1852.5	16QAM	22.68	23.93
5MHz	1 RB mid	1852.5	16QAM	22.71	23.96
5MHz	1 RB high	1852.5	16QAM	22.70	23.95
5MHz	100% RB	1852.5	16QAM	21.59	22.84
5MHz	1 RB low	1882.5	QPSK	23.34	24.59
5MHz	1 RB mid	1882.5	QPSK	23.37	24.62
5MHz	1 RB high	1882.5	QPSK	23.33	24.58
5MHz	100% RB	1882.5	QPSK	22.28	23.53
5MHz	1 RB low	1882.5	16QAM	22.41	23.66
5MHz	1 RB mid	1882.5	16QAM	22.51	23.76
5MHz	1 RB high	1882.5	16QAM	22.46	23.71
5MHz	100% RB	1882.5	16QAM	21.32	22.57
5MHz	1 RB low	1912.5	QPSK	23.57	24.82
5MHz	1 RB mid	1912.5	QPSK	23.60	24.85
5MHz	1 RB high	1912.5	QPSK	23.46	24.71
5MHz	100% RB	1912.5	QPSK	22.53	23.78
5MHz	1 RB low	1912.5	16QAM	22.85	24.10
5MHz	1 RB mid	1912.5	16QAM	22.82	24.07

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5MHz	1 RB high	1912.5	16QAM	22.64	23.89
5MHz	100% RB	1912.5	16QAM	21.56	22.81
10MHz	1 RB low	1855	QPSK	23.54	24.79
10MHz	1 RB mid	1855	QPSK	23.59	24.84
10MHz	1 RB high	1855	QPSK	23.46	24.71
10MHz	100% RB	1855	QPSK	22.66	23.91
10MHz	1 RB low	1855	16QAM	22.87	24.12
10MHz	1 RB mid	1855	16QAM	22.75	24.00
10MHz	1 RB high	1855	16QAM	22.65	23.90
10MHz	100% RB	1855	16QAM	21.72	22.97
10MHz	1 RB low	1882.5	QPSK	23.34	24.59
10MHz	1 RB mid	1882.5	QPSK	23.33	24.58
10MHz	1 RB high	1882.5	QPSK	23.28	24.53
10MHz	100% RB	1882.5	QPSK	22.40	23.65
10MHz	1 RB low	1882.5	16QAM	22.42	23.67
10MHz	1 RB mid	1882.5	16QAM	22.48	23.73
10MHz	1 RB high	1882.5	16QAM	22.42	23.67
10MHz	100% RB	1882.5	16QAM	21.38	22.63
10MHz	1 RB low	1910	QPSK	23.55	24.80
10MHz	1 RB mid	1910	QPSK	23.52	24.77
10MHz	1 RB high	1910	QPSK	23.47	24.72
10MHz	100% RB	1910	QPSK	22.63	23.88
10MHz	1 RB low	1910	16QAM	22.74	23.99
10MHz	1 RB mid	1910	16QAM	22.75	24.00
10MHz	1 RB high	1910	16QAM	22.64	23.89
10MHz	100% RB	1910	16QAM	21.65	22.90
15MHz	1 RB low	1857.5	QPSK	23.47	24.72
15MHz	1 RB mid	1857.5	QPSK	23.45	24.70
15MHz	1 RB high	1857.5	QPSK	23.35	24.60
15MHz	100% RB	1857.5	QPSK	22.47	23.72
15MHz	1 RB low	1857.5	16QAM	22.70	23.95
15MHz	1 RB mid	1857.5	16QAM	22.71	23.96
15MHz	1 RB high	1857.5	16QAM	22.53	23.78
15MHz	100% RB	1857.5	16QAM	21.46	22.71
15MHz	1 RB low	1882.5	QPSK	23.20	24.45
15MHz	1 RB mid	1882.5	QPSK	23.12	24.37
15MHz	1 RB high	1882.5	QPSK	23.11	24.36
15MHz	100% RB	1882.5	QPSK	22.26	23.51

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15MHz	1 RB low	1882.5	16QAM	22.36	23.61
15MHz	1 RB mid	1882.5	16QAM	22.38	23.63
15MHz	1 RB high	1882.5	16QAM	22.34	23.59
15MHz	100% RB	1882.5	16QAM	21.26	22.51
15MHz	1 RB low	1907.5	QPSK	23.45	24.70
15MHz	1 RB mid	1907.5	QPSK	23.36	24.61
15MHz	1 RB high	1907.5	QPSK	23.22	24.47
15MHz	100% RB	1907.5	QPSK	22.50	23.75
15MHz	1 RB low	1907.5	16QAM	22.58	23.83
15MHz	1 RB mid	1907.5	16QAM	22.52	23.77
15MHz	1 RB high	1907.5	16QAM	22.44	23.69
15MHz	100% RB	1907.5	16QAM	21.47	22.72
20MHz	1 RB low	1860	QPSK	23.57	24.82
20MHz	1 RB mid	1860	QPSK	23.53	24.78
20MHz	1 RB high	1860	QPSK	23.44	24.69
20MHz	100% RB	1860	QPSK	22.57	23.82
20MHz	1 RB low	1860	16QAM	22.76	24.01
20MHz	1 RB mid	1860	16QAM	22.75	24.00
20MHz	1 RB high	1860	16QAM	22.60	23.85
20MHz	100% RB	1860	16QAM	21.60	22.85
20MHz	1 RB low	1882.5	QPSK	23.25	24.50
20MHz	1 RB mid	1882.5	QPSK	23.12	24.37
20MHz	1 RB high	1882.5	QPSK	23.12	24.37
20MHz	100% RB	1882.5	QPSK	22.28	23.53
20MHz	1 RB low	1882.5	16QAM	22.32	23.57
20MHz	1 RB mid	1882.5	16QAM	22.30	23.55
20MHz	1 RB high	1882.5	16QAM	22.27	23.52
20MHz	100% RB	1882.5	16QAM	21.27	22.52
20MHz	1 RB low	1905	QPSK	23.40	24.65
20MHz	1 RB mid	1905	QPSK	23.40	24.65
20MHz	1 RB high	1905	QPSK	23.19	24.44
20MHz	100% RB	1905	QPSK	22.49	23.74
20MHz	1 RB low	1905	16QAM	22.64	23.89
20MHz	1 RB mid	1905	16QAM	22.74	23.99
20MHz	1 RB high	1905	16QAM	22.45	23.70
20MHz	100% RB	1905	16QAM	21.53	22.78

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LTE band 26PART22
Limits 38.5dBm(7w)
Max ERP:25.64dBm

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Power (dBm)	Radiated Power(dBm) G _T = 0.71dBd
1.4MHz	1 RB low	824.7	QPSK	24.08	24.79
1.4MHz	1 RB mid	824.7	QPSK	24.10	24.81
1.4MHz	1 RB high	824.7	QPSK	24.08	24.79
1.4MHz	100% RB	824.7	QPSK	24.02	24.73
1.4MHz	1 RB low	824.7	16QAM	24.17	24.88
1.4MHz	1 RB mid	824.7	16QAM	24.09	24.80
1.4MHz	1 RB high	824.7	16QAM	24.03	24.74
1.4MHz	100% RB	824.7	16QAM	23.19	23.90
1.4MHz	1 RB low	836.5	QPSK	24.93	25.64
1.4MHz	1 RB mid	836.5	QPSK	23.94	24.65
1.4MHz	1 RB high	836.5	QPSK	23.91	24.62
1.4MHz	100% RB	836.5	QPSK	23.92	24.63
1.4MHz	1 RB low	836.5	16QAM	24.07	24.78
1.4MHz	1 RB mid	836.5	16QAM	24.03	24.74
1.4MHz	1 RB high	836.5	16QAM	24.03	24.74
1.4MHz	100% RB	836.5	16QAM	22.99	23.70
1.4MHz	1 RB low	848.3	QPSK	24.79	25.50
1.4MHz	1 RB mid	848.3	QPSK	23.81	24.52
1.4MHz	1 RB high	848.3	QPSK	23.75	24.46
1.4MHz	100% RB	848.3	QPSK	23.83	24.54
1.4MHz	1 RB low	848.3	16QAM	23.87	24.58
1.4MHz	1 RB mid	848.3	16QAM	24.04	24.75
1.4MHz	1 RB high	848.3	16QAM	24.02	24.73
1.4MHz	100% RB	848.3	16QAM	22.80	23.51
3MHz	1 RB low	825.5	QPSK	24.09	24.80
3MHz	1 RB mid	825.5	QPSK	24.10	24.81
3MHz	1 RB high	825.5	QPSK	23.95	24.66
3MHz	100% RB	825.5	QPSK	24.11	24.82
3MHz	1 RB low	825.5	16QAM	24.15	24.86
3MHz	1 RB mid	825.5	16QAM	24.37	25.08
3MHz	1 RB high	825.5	16QAM	24.03	24.74
3MHz	100% RB	825.5	16QAM	23.10	23.81

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3MHz	1 RB low	836.5	QPSK	23.92	24.63
3MHz	1 RB mid	836.5	QPSK	23.96	24.67
3MHz	1 RB high	836.5	QPSK	23.90	24.61
3MHz	100% RB	836.5	QPSK	23.97	24.68
3MHz	1 RB low	836.5	16QAM	24.04	24.75
3MHz	1 RB mid	836.5	16QAM	24.11	24.82
3MHz	1 RB high	836.5	16QAM	24.00	24.71
3MHz	100% RB	836.5	16QAM	22.92	23.63
3MHz	1 RB low	847.5	QPSK	23.71	24.42
3MHz	1 RB mid	847.5	QPSK	23.78	24.49
3MHz	1 RB high	847.5	QPSK	23.71	24.42
3MHz	100% RB	847.5	QPSK	23.76	24.47
3MHz	1 RB low	847.5	16QAM	23.90	24.61
3MHz	1 RB mid	847.5	16QAM	24.00	24.71
3MHz	1 RB high	847.5	16QAM	23.96	24.67
3MHz	100% RB	847.5	16QAM	22.79	23.50
5MHz	1 RB low	826.5	QPSK	24.15	24.86
5MHz	1 RB mid	826.5	QPSK	24.15	24.86
5MHz	1 RB high	826.5	QPSK	23.95	24.66
5MHz	100% RB	826.5	QPSK	24.10	24.81
5MHz	1 RB low	826.5	16QAM	24.30	25.01
5MHz	1 RB mid	826.5	16QAM	24.26	24.97
5MHz	1 RB high	826.5	16QAM	24.13	24.84
5MHz	100% RB	826.5	16QAM	23.09	23.80
5MHz	1 RB low	836.5	QPSK	23.95	24.66
5MHz	1 RB mid	836.5	QPSK	24.05	24.76
5MHz	1 RB high	836.5	QPSK	23.98	24.69
5MHz	100% RB	836.5	QPSK	23.99	24.70
5MHz	1 RB low	836.5	16QAM	24.15	24.86
5MHz	1 RB mid	836.5	16QAM	24.05	24.76
5MHz	1 RB high	836.5	16QAM	24.09	24.80
5MHz	100% RB	836.5	16QAM	22.97	23.68
5MHz	1 RB low	846.5	QPSK	23.88	24.59
5MHz	1 RB mid	846.5	QPSK	23.91	24.62
5MHz	1 RB high	846.5	QPSK	23.84	24.55
5MHz	100% RB	846.5	QPSK	23.87	24.58
5MHz	1 RB low	846.5	16QAM	24.04	24.75
5MHz	1 RB mid	846.5	16QAM	24.07	24.78

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5MHz	1 RB high	846.5	16QAM	24.02	24.73
5MHz	100% RB	846.5	16QAM	22.89	23.60
10MHz	1 RB low	829	QPSK	24.17	24.88
10MHz	1 RB mid	829	QPSK	24.00	24.71
10MHz	1 RB high	829	QPSK	23.83	24.54
10MHz	100% RB	829	QPSK	24.11	24.82
10MHz	1 RB low	829	16QAM	24.29	25.00
10MHz	1 RB mid	829	16QAM	24.14	24.85
10MHz	1 RB high	829	16QAM	24.04	24.75
10MHz	100% RB	829	16QAM	23.06	23.77
10MHz	1 RB low	836.5	QPSK	23.98	24.69
10MHz	1 RB mid	836.5	QPSK	23.95	24.66
10MHz	1 RB high	836.5	QPSK	23.89	24.60
10MHz	100% RB	836.5	QPSK	24.03	24.74
10MHz	1 RB low	836.5	16QAM	24.21	24.92
10MHz	1 RB mid	836.5	16QAM	24.09	24.80
10MHz	1 RB high	836.5	16QAM	24.09	24.80
10MHz	100% RB	836.5	16QAM	23.00	23.71
10MHz	1 RB low	844	QPSK	23.99	24.70
10MHz	1 RB mid	844	QPSK	23.86	24.57
10MHz	1 RB high	844	QPSK	23.75	24.46
10MHz	100% RB	844	QPSK	23.94	24.65
10MHz	1 RB low	844	16QAM	24.17	24.88
10MHz	1 RB mid	844	16QAM	23.96	24.67
10MHz	1 RB high	844	16QAM	23.82	24.53
10MHz	100% RB	844	16QAM	22.92	23.63
15MHz	1 RB low	831.5	QPSK	24.04	24.75
15MHz	1 RB mid	831.5	QPSK	23.79	24.50
15MHz	1 RB high	831.5	QPSK	23.62	24.33
15MHz	100% RB	831.5	QPSK	23.92	24.63
15MHz	1 RB low	831.5	16QAM	24.23	24.94
15MHz	1 RB mid	831.5	16QAM	23.94	24.65
15MHz	1 RB high	831.5	16QAM	23.89	24.60
15MHz	100% RB	831.5	16QAM	22.93	23.64
15MHz	1 RB low	836.5	QPSK	23.97	24.68
15MHz	1 RB mid	836.5	QPSK	23.82	24.53
15MHz	1 RB high	836.5	QPSK	23.61	24.32
15MHz	100% RB	836.5	QPSK	23.88	24.59

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15MHz	1 RB low	836.5	16QAM	24.07	24.78
15MHz	1 RB mid	836.5	16QAM	24.01	24.72
15MHz	1 RB high	836.5	16QAM	23.72	24.43
15MHz	100% RB	836.5	16QAM	22.88	23.59
15MHz	1 RB low	841.5	QPSK	23.96	24.67
15MHz	1 RB mid	841.5	QPSK	23.76	24.47
15MHz	1 RB high	841.5	QPSK	23.61	24.32
15MHz	100% RB	841.5	QPSK	23.74	24.45
15MHz	1 RB low	841.5	16QAM	24.07	24.78
15MHz	1 RB mid	841.5	16QAM	23.89	24.60
15MHz	1 RB high	841.5	16QAM	23.87	24.58
15MHz	100% RB	841.5	16QAM	22.78	23.49

LTE band 26PART90
Limits 50dBm(100w)
Max ERP:25.26dBm

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Power (dBm)	Radiated Power(dBm) $G_T=0.71\text{dBi}$
1.4MHz	1 RB low	814.7	QPSK	24.55	25.26
1.4MHz	1 RB mid	814.7	QPSK	23.98	24.69
1.4MHz	1 RB high	814.7	QPSK	24.00	24.71
1.4MHz	100% RB	814.7	QPSK	23.66	24.37
1.4MHz	1 RB low	814.7	16QAM	23.65	24.36
1.4MHz	1 RB mid	814.7	16QAM	23.76	24.47
1.4MHz	1 RB high	814.7	16QAM	23.81	24.52
1.4MHz	100% RB	814.7	16QAM	22.72	23.43
1.4MHz	1 RB low	819	QPSK	23.95	24.66
1.4MHz	1 RB mid	819	QPSK	23.98	24.69
1.4MHz	1 RB high	819	QPSK	23.97	24.68
1.4MHz	100% RB	819	QPSK	24.03	24.74
1.4MHz	1 RB low	819	16QAM	24.18	24.89
1.4MHz	1 RB mid	819	16QAM	24.22	24.93
1.4MHz	1 RB high	819	16QAM	24.18	24.89
1.4MHz	100% RB	819	16QAM	23.07	23.78
1.4MHz	1 RB low	823.3	QPSK	23.95	24.66
1.4MHz	1 RB mid	823.3	QPSK	24.04	24.75
1.4MHz	1 RB high	823.3	QPSK	23.95	24.66
1.4MHz	100% RB	823.3	QPSK	24.01	24.72
1.4MHz	1 RB low	823.3	16QAM	24.06	24.77
1.4MHz	1 RB mid	823.3	16QAM	24.17	24.88
1.4MHz	1 RB high	823.3	16QAM	24.08	24.79
1.4MHz	100% RB	823.3	16QAM	23.05	23.76
3MHz	1 RB low	815.5	QPSK	23.96	24.67
3MHz	1 RB mid	815.5	QPSK	24.01	24.72
3MHz	1 RB high	815.5	QPSK	23.97	24.68
3MHz	100% RB	815.5	QPSK	24.00	24.71
3MHz	1 RB low	815.5	16QAM	24.17	24.88
3MHz	1 RB mid	815.5	16QAM	24.15	24.86
3MHz	1 RB high	815.5	16QAM	24.14	24.85
3MHz	100% RB	815.5	16QAM	23.02	23.73

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3MHz	1 RB low	819	QPSK	24.01	24.72
3MHz	1 RB mid	819	QPSK	24.07	24.78
3MHz	1 RB high	819	QPSK	23.99	24.70
3MHz	100% RB	819	QPSK	24.06	24.77
3MHz	1 RB low	819	16QAM	24.18	24.89
3MHz	1 RB mid	819	16QAM	24.30	25.01
3MHz	1 RB high	819	16QAM	24.01	24.72
3MHz	100% RB	819	16QAM	23.06	23.77
3MHz	1 RB low	822.5	QPSK	23.96	24.67
3MHz	1 RB mid	822.5	QPSK	24.03	24.74
3MHz	1 RB high	822.5	QPSK	23.91	24.62
3MHz	100% RB	822.5	QPSK	24.09	24.80
3MHz	1 RB low	822.5	16QAM	24.12	24.83
3MHz	1 RB mid	822.5	16QAM	24.18	24.89
3MHz	1 RB high	822.5	16QAM	24.14	24.85
3MHz	100% RB	822.5	16QAM	23.10	23.81
5MHz	1 RB low	816.5	QPSK	24.09	24.80
5MHz	1 RB mid	816.5	QPSK	24.13	24.84
5MHz	1 RB high	816.5	QPSK	24.04	24.75
5MHz	100% RB	816.5	QPSK	24.06	24.77
5MHz	1 RB low	816.5	16QAM	24.21	24.92
5MHz	1 RB mid	816.5	16QAM	24.13	24.84
5MHz	1 RB high	816.5	16QAM	24.12	24.83
5MHz	100% RB	816.5	16QAM	23.05	23.76
5MHz	1 RB low	819	QPSK	24.08	24.79
5MHz	1 RB mid	819	QPSK	24.17	24.88
5MHz	1 RB high	819	QPSK	24.11	24.82
5MHz	100% RB	819	QPSK	24.08	24.79
5MHz	1 RB low	819	16QAM	24.24	24.95
5MHz	1 RB mid	819	16QAM	24.37	25.08
5MHz	1 RB high	819	16QAM	24.26	24.97
5MHz	100% RB	819	16QAM	23.09	23.80
5MHz	1 RB low	821.5	QPSK	24.05	24.76
5MHz	1 RB mid	821.5	QPSK	24.13	24.84
5MHz	1 RB high	821.5	QPSK	24.02	24.73
5MHz	100% RB	821.5	QPSK	24.06	24.77
5MHz	1 RB low	821.5	16QAM	24.24	24.95
5MHz	1 RB mid	821.5	16QAM	24.30	25.01

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5MHz	1 RB high	821.5	16QAM	24.17	24.88
5MHz	100% RB	821.5	16QAM	23.09	23.80
10MHz	1 RB low	819	QPSK	24.10	24.81
10MHz	1 RB mid	819	QPSK	24.07	24.78
10MHz	1 RB high	819	QPSK	24.02	24.73
10MHz	100% RB	819	QPSK	24.08	24.79
10MHz	1 RB low	819	16QAM	24.16	24.87
10MHz	1 RB mid	819	16QAM	24.17	24.88
10MHz	1 RB high	819	16QAM	24.13	24.84
10MHz	100% RB	819	16QAM	23.12	23.83
10MHz	1 RB low	819	QPSK	24.05	24.76
10MHz	1 RB mid	819	QPSK	24.05	24.76
10MHz	1 RB high	819	QPSK	23.98	24.69
10MHz	100% RB	819	QPSK	24.10	24.81
10MHz	1 RB low	819	16QAM	24.18	24.89
10MHz	1 RB mid	819	16QAM	24.15	24.86
10MHz	1 RB high	819	16QAM	24.16	24.87
10MHz	100% RB	819	16QAM	23.10	23.81
10MHz	1 RB low	819	QPSK	24.02	24.73
10MHz	1 RB mid	819	QPSK	24.07	24.78
10MHz	1 RB high	819	QPSK	23.99	24.70
10MHz	100% RB	819	QPSK	24.07	24.78
10MHz	1 RB low	819	16QAM	24.27	24.98
10MHz	1 RB mid	819	16QAM	24.26	24.97
10MHz	1 RB high	819	16QAM	24.18	24.89
10MHz	100% RB	819	16QAM	23.11	23.82

LTE band 41
Limits 33dBm(2w)
Max EIRP:25.18dBm

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Power (dBm)	Radiated Power(dBm) $G_T=1.19\text{dBi}$
5MHz	1 RB low	2498.5	QPSK	23.67	24.86
5MHz	1 RB mid	2498.5	QPSK	23.65	24.84
5MHz	1 RB high	2498.5	QPSK	23.58	24.77
5MHz	100% RB	2498.5	QPSK	22.60	23.79
5MHz	1 RB low	2498.5	16QAM	22.71	23.90
5MHz	1 RB mid	2498.5	16QAM	22.77	23.96
5MHz	1 RB high	2498.5	16QAM	22.68	23.87
5MHz	100% RB	2498.5	16QAM	21.65	22.84
5MHz	1 RB low	2593	QPSK	23.68	24.87
5MHz	1 RB mid	2593	QPSK	23.65	24.84
5MHz	1 RB high	2593	QPSK	23.62	24.81
5MHz	100% RB	2593	QPSK	22.62	23.81
5MHz	1 RB low	2593	16QAM	22.73	23.92
5MHz	1 RB mid	2593	16QAM	22.78	23.97
5MHz	1 RB high	2593	16QAM	22.82	24.01
5MHz	100% RB	2593	16QAM	21.63	22.82
5MHz	1 RB low	2687.5	QPSK	23.99	25.18
5MHz	1 RB mid	2687.5	QPSK	23.92	25.11
5MHz	1 RB high	2687.5	QPSK	23.85	25.04
5MHz	100% RB	2687.5	QPSK	22.85	24.04
5MHz	1 RB low	2687.5	16QAM	23.02	24.21
5MHz	1 RB mid	2687.5	16QAM	22.97	24.16
5MHz	1 RB high	2687.5	16QAM	23.00	24.19
5MHz	100% RB	2687.5	16QAM	21.90	23.09
10MHz	1 RB low	2501	QPSK	23.58	24.77
10MHz	1 RB mid	2501	QPSK	23.56	24.75
10MHz	1 RB high	2501	QPSK	23.51	24.70
10MHz	100% RB	2501	QPSK	22.65	23.84
10MHz	1 RB low	2501	16QAM	22.80	23.99
10MHz	1 RB mid	2501	16QAM	22.79	23.98
10MHz	1 RB high	2501	16QAM	22.77	23.96
10MHz	100% RB	2501	16QAM	21.70	22.89

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10MHz	1 RB low	2593	QPSK	23.55	24.74
10MHz	1 RB mid	2593	QPSK	23.54	24.73
10MHz	1 RB high	2593	QPSK	23.51	24.70
10MHz	100% RB	2593	QPSK	22.62	23.81
10MHz	1 RB low	2593	16QAM	22.76	23.95
10MHz	1 RB mid	2593	16QAM	22.78	23.97
10MHz	1 RB high	2593	16QAM	22.68	23.87
10MHz	100% RB	2593	16QAM	21.69	22.88
10MHz	1 RB low	2685	QPSK	23.89	25.08
10MHz	1 RB mid	2685	QPSK	23.88	25.07
10MHz	1 RB high	2685	QPSK	23.75	24.94
10MHz	100% RB	2685	QPSK	22.94	24.13
10MHz	1 RB low	2685	16QAM	23.08	24.27
10MHz	1 RB mid	2685	16QAM	23.07	24.26
10MHz	1 RB high	2685	16QAM	22.94	24.13
10MHz	100% RB	2685	16QAM	21.98	23.17
15MHz	1 RB low	2503.5	QPSK	23.47	24.66
15MHz	1 RB mid	2503.5	QPSK	23.44	24.63
15MHz	1 RB high	2503.5	QPSK	23.32	24.51
15MHz	100% RB	2503.5	QPSK	22.57	23.76
15MHz	1 RB low	2503.5	16QAM	22.70	23.89
15MHz	1 RB mid	2503.5	16QAM	22.66	23.85
15MHz	1 RB high	2503.5	16QAM	22.53	23.72
15MHz	100% RB	2503.5	16QAM	21.58	22.77
15MHz	1 RB low	2593	QPSK	23.49	24.68
15MHz	1 RB mid	2593	QPSK	23.46	24.65
15MHz	1 RB high	2593	QPSK	23.32	24.51
15MHz	100% RB	2593	QPSK	22.51	23.70
15MHz	1 RB low	2593	16QAM	22.73	23.92
15MHz	1 RB mid	2593	16QAM	22.61	23.80
15MHz	1 RB high	2593	16QAM	22.40	23.59
15MHz	100% RB	2593	16QAM	21.58	22.77
15MHz	1 RB low	2682.5	QPSK	23.73	24.92
15MHz	1 RB mid	2682.5	QPSK	23.72	24.91
15MHz	1 RB high	2682.5	QPSK	23.58	24.77
15MHz	100% RB	2682.5	QPSK	22.82	24.01
15MHz	1 RB low	2682.5	16QAM	22.88	24.07
15MHz	1 RB mid	2682.5	16QAM	23.00	24.19

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15MHz	1 RB high	2682.5	16QAM	22.79	23.98
15MHz	100% RB	2682.5	16QAM	21.84	23.03
20MHz	1 RB low	2506	QPSK	23.58	24.77
20MHz	1 RB mid	2506	QPSK	23.54	24.73
20MHz	1 RB high	2506	QPSK	23.32	24.51
20MHz	100% RB	2506	QPSK	22.59	23.78
20MHz	1 RB low	2506	16QAM	22.70	23.89
20MHz	1 RB mid	2506	16QAM	22.68	23.87
20MHz	1 RB high	2506	16QAM	22.58	23.77
20MHz	100% RB	2506	16QAM	21.60	22.79
20MHz	1 RB low	2593	QPSK	23.54	24.73
20MHz	1 RB mid	2593	QPSK	23.49	24.68
20MHz	1 RB high	2593	QPSK	23.32	24.51
20MHz	100% RB	2593	QPSK	22.57	23.76
20MHz	1 RB low	2593	16QAM	22.61	23.80
20MHz	1 RB mid	2593	16QAM	22.76	23.95
20MHz	1 RB high	2593	16QAM	22.51	23.70
20MHz	100% RB	2593	16QAM	21.57	22.76
20MHz	1 RB low	2680	QPSK	23.83	25.02
20MHz	1 RB mid	2680	QPSK	23.77	24.96
20MHz	1 RB high	2680	QPSK	23.65	24.84
20MHz	100% RB	2680	QPSK	22.85	24.04
20MHz	1 RB low	2680	16QAM	23.04	24.23
20MHz	1 RB mid	2680	16QAM	23.01	24.20
20MHz	1 RB high	2680	16QAM	22.75	23.94
20MHz	100% RB	2680	16QAM	21.86	23.05

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LTE band 66
Limits 30dBm(1w)
Max EIRP:25.15dBm

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Power (dBm)	Radiated Power(dBm) G _T = 1.25dBi
1.4MHz	1 RB low	1710.7	QPSK	23.75	25.00
1.4MHz	1 RB mid	1710.7	QPSK	23.76	25.01
1.4MHz	1 RB high	1710.7	QPSK	23.73	24.98
1.4MHz	100% RB	1710.7	QPSK	22.76	24.01
1.4MHz	1 RB low	1710.7	16QAM	22.91	24.16
1.4MHz	1 RB mid	1710.7	16QAM	22.84	24.09
1.4MHz	1 RB high	1710.7	16QAM	22.75	24.00
1.4MHz	100% RB	1710.7	16QAM	21.81	23.06
1.4MHz	1 RB low	1745	QPSK	23.66	24.91
1.4MHz	1 RB mid	1745	QPSK	23.69	24.94
1.4MHz	1 RB high	1745	QPSK	23.62	24.87
1.4MHz	100% RB	1745	QPSK	22.72	23.97
1.4MHz	1 RB low	1745	16QAM	22.92	24.17
1.4MHz	1 RB mid	1745	16QAM	22.75	24.00
1.4MHz	1 RB high	1745	16QAM	22.81	24.06
1.4MHz	100% RB	1745	16QAM	21.78	23.03
1.4MHz	1 RB low	1779.3	QPSK	23.54	24.79
1.4MHz	1 RB mid	1779.3	QPSK	23.59	24.84
1.4MHz	1 RB high	1779.3	QPSK	23.53	24.78
1.4MHz	100% RB	1779.3	QPSK	22.56	23.81
1.4MHz	1 RB low	1779.3	16QAM	22.54	23.79
1.4MHz	1 RB mid	1779.3	16QAM	22.70	23.95
1.4MHz	1 RB high	1779.3	16QAM	22.64	23.89
1.4MHz	100% RB	1779.3	16QAM	21.73	22.98
3MHz	1 RB low	1711.5	QPSK	23.70	24.95
3MHz	1 RB mid	1711.5	QPSK	23.78	25.03
3MHz	1 RB high	1711.5	QPSK	23.66	24.91
3MHz	100% RB	1711.5	QPSK	22.79	24.04
3MHz	1 RB low	1711.5	16QAM	22.88	24.13
3MHz	1 RB mid	1711.5	16QAM	23.01	24.26
3MHz	1 RB high	1711.5	16QAM	22.82	24.07
3MHz	100% RB	1711.5	16QAM	21.81	23.06

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3MHz	1 RB low	1745	QPSK	23.66	24.91
3MHz	1 RB mid	1745	QPSK	23.74	24.99
3MHz	1 RB high	1745	QPSK	23.63	24.88
3MHz	100% RB	1745	QPSK	22.64	23.89
3MHz	1 RB low	1745	16QAM	22.85	24.10
3MHz	1 RB mid	1745	16QAM	22.93	24.18
3MHz	1 RB high	1745	16QAM	22.70	23.95
3MHz	100% RB	1745	16QAM	21.70	22.95
3MHz	1 RB low	1778.5	QPSK	23.55	24.80
3MHz	1 RB mid	1778.5	QPSK	23.62	24.87
3MHz	1 RB high	1778.5	QPSK	23.50	24.75
3MHz	100% RB	1778.5	QPSK	22.65	23.90
3MHz	1 RB low	1778.5	16QAM	22.64	23.89
3MHz	1 RB mid	1778.5	16QAM	22.82	24.07
3MHz	1 RB high	1778.5	16QAM	22.68	23.93
3MHz	100% RB	1778.5	16QAM	21.60	22.85
5MHz	1 RB low	1712.5	QPSK	23.80	25.05
5MHz	1 RB mid	1712.5	QPSK	23.90	25.15
5MHz	1 RB high	1712.5	QPSK	23.80	25.05
5MHz	100% RB	1712.5	QPSK	22.82	24.07
5MHz	1 RB low	1712.5	16QAM	22.85	24.10
5MHz	1 RB mid	1712.5	16QAM	22.98	24.23
5MHz	1 RB high	1712.5	16QAM	23.01	24.26
5MHz	100% RB	1712.5	16QAM	21.85	23.10
5MHz	1 RB low	1745	QPSK	23.82	25.07
5MHz	1 RB mid	1745	QPSK	23.83	25.08
5MHz	1 RB high	1745	QPSK	23.72	24.97
5MHz	100% RB	1745	QPSK	22.71	23.96
5MHz	1 RB low	1745	16QAM	22.86	24.11
5MHz	1 RB mid	1745	16QAM	22.94	24.19
5MHz	1 RB high	1745	16QAM	22.93	24.18
5MHz	100% RB	1745	16QAM	21.72	22.97
5MHz	1 RB low	1777.5	QPSK	23.69	24.94
5MHz	1 RB mid	1777.5	QPSK	23.77	25.02
5MHz	1 RB high	1777.5	QPSK	23.64	24.89
5MHz	100% RB	1777.5	QPSK	22.68	23.93
5MHz	1 RB low	1777.5	16QAM	22.84	24.09
5MHz	1 RB mid	1777.5	16QAM	22.85	24.10

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5MHz	1 RB high	1777.5	16QAM	22.84	24.09
5MHz	100% RB	1777.5	16QAM	21.71	22.96
10MHz	1 RB low	1715	QPSK	23.70	24.95
10MHz	1 RB mid	1715	QPSK	23.79	25.04
10MHz	1 RB high	1715	QPSK	23.76	25.01
10MHz	100% RB	1715	QPSK	22.84	24.09
10MHz	1 RB low	1715	16QAM	22.96	24.21
10MHz	1 RB mid	1715	16QAM	22.85	24.10
10MHz	1 RB high	1715	16QAM	22.97	24.22
10MHz	100% RB	1715	16QAM	21.87	23.12
10MHz	1 RB low	1745	QPSK	23.70	24.95
10MHz	1 RB mid	1745	QPSK	23.78	25.03
10MHz	1 RB high	1745	QPSK	23.65	24.90
10MHz	100% RB	1745	QPSK	22.71	23.96
10MHz	1 RB low	1745	16QAM	22.86	24.11
10MHz	1 RB mid	1745	16QAM	22.84	24.09
10MHz	1 RB high	1745	16QAM	22.78	24.03
10MHz	100% RB	1745	16QAM	21.71	22.96
10MHz	1 RB low	1775	QPSK	23.64	24.89
10MHz	1 RB mid	1775	QPSK	23.68	24.93
10MHz	1 RB high	1775	QPSK	23.57	24.82
10MHz	100% RB	1775	QPSK	22.74	23.99
10MHz	1 RB low	1775	16QAM	22.81	24.06
10MHz	1 RB mid	1775	16QAM	22.91	24.16
10MHz	1 RB high	1775	16QAM	22.79	24.04
10MHz	100% RB	1775	16QAM	21.77	23.02
15MHz	1 RB low	1717.5	QPSK	23.60	24.85
15MHz	1 RB mid	1717.5	QPSK	23.74	24.99
15MHz	1 RB high	1717.5	QPSK	23.70	24.95
15MHz	100% RB	1717.5	QPSK	22.69	23.94
15MHz	1 RB low	1717.5	16QAM	22.83	24.08
15MHz	1 RB mid	1717.5	16QAM	22.83	24.08
15MHz	1 RB high	1717.5	16QAM	22.74	23.99
15MHz	100% RB	1717.5	16QAM	21.75	23.00
15MHz	1 RB low	1745	QPSK	23.61	24.86
15MHz	1 RB mid	1745	QPSK	23.65	24.90
15MHz	1 RB high	1745	QPSK	23.54	24.79
15MHz	100% RB	1745	QPSK	22.55	23.80

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15MHz	1 RB low	1745	16QAM	22.65	23.90
15MHz	1 RB mid	1745	16QAM	22.79	24.04
15MHz	1 RB high	1745	16QAM	22.56	23.81
15MHz	100% RB	1745	16QAM	21.56	22.81
15MHz	1 RB low	1772.5	QPSK	23.61	24.86
15MHz	1 RB mid	1772.5	QPSK	23.56	24.81
15MHz	1 RB high	1772.5	QPSK	23.65	24.90
15MHz	100% RB	1772.5	QPSK	22.61	23.86
15MHz	1 RB low	1772.5	16QAM	22.78	24.03
15MHz	1 RB mid	1772.5	16QAM	22.76	24.01
15MHz	1 RB high	1772.5	16QAM	22.65	23.90
15MHz	100% RB	1772.5	16QAM	21.61	22.86
20MHz	1 RB low	1720	QPSK	23.78	25.03
20MHz	1 RB mid	1720	QPSK	23.78	25.03
20MHz	1 RB high	1720	QPSK	23.81	25.06
20MHz	100% RB	1720	QPSK	22.78	24.03
20MHz	1 RB low	1720	16QAM	22.83	24.08
20MHz	1 RB mid	1720	16QAM	22.92	24.17
20MHz	1 RB high	1720	16QAM	22.81	24.06
20MHz	100% RB	1720	16QAM	21.75	23.00
20MHz	1 RB low	1745	QPSK	23.68	24.93
20MHz	1 RB mid	1745	QPSK	23.60	24.85
20MHz	1 RB high	1745	QPSK	23.49	24.74
20MHz	100% RB	1745	QPSK	22.58	23.83
20MHz	1 RB low	1745	16QAM	22.63	23.88
20MHz	1 RB mid	1745	16QAM	22.73	23.98
20MHz	1 RB high	1745	16QAM	22.62	23.87
20MHz	100% RB	1745	16QAM	21.61	22.86
20MHz	1 RB low	1770	QPSK	23.60	24.85
20MHz	1 RB mid	1770	QPSK	23.53	24.78
20MHz	1 RB high	1770	QPSK	23.54	24.79
20MHz	100% RB	1770	QPSK	22.61	23.86
20MHz	1 RB low	1770	16QAM	22.83	24.08
20MHz	1 RB mid	1770	16QAM	22.82	24.07
20MHz	1 RB high	1770	16QAM	22.75	24.00
20MHz	100% RB	1770	16QAM	21.61	22.86

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LTE band 71
Limits 34.7dBm(3w)
Max ERP:25.03dBm

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Power (dBm)	Radiated Power(dBm) G _T = 0.71dBi
5MHz	1 RB low	665.5	QPSK	24.02	24.73
5MHz	1 RB mid	665.5	QPSK	24.07	24.78
5MHz	1 RB high	665.5	QPSK	23.95	24.66
5MHz	100% RB	665.5	QPSK	23.99	24.70
5MHz	1 RB low	665.5	16QAM	24.13	24.84
5MHz	1 RB mid	665.5	16QAM	24.32	25.03
5MHz	1 RB high	665.5	16QAM	24.08	24.79
5MHz	100% RB	665.5	16QAM	22.98	23.69
5MHz	1 RB low	680.5	QPSK	23.50	24.21
5MHz	1 RB mid	680.5	QPSK	23.51	24.22
5MHz	1 RB high	680.5	QPSK	23.38	24.09
5MHz	100% RB	680.5	QPSK	23.46	24.17
5MHz	1 RB low	680.5	16QAM	23.69	24.40
5MHz	1 RB mid	680.5	16QAM	23.74	24.45
5MHz	1 RB high	680.5	16QAM	23.63	24.34
5MHz	100% RB	680.5	16QAM	22.41	23.12
5MHz	1 RB low	695.5	QPSK	23.06	23.77
5MHz	1 RB mid	695.5	QPSK	23.25	23.96
5MHz	1 RB high	695.5	QPSK	23.16	23.87
5MHz	100% RB	695.5	QPSK	23.12	23.83
5MHz	1 RB low	695.5	16QAM	23.19	23.90
5MHz	1 RB mid	695.5	16QAM	23.32	24.03
5MHz	1 RB high	695.5	16QAM	23.26	23.97
5MHz	100% RB	695.5	16QAM	22.14	22.85
10MHz	1 RB low	668	QPSK	23.92	24.63
10MHz	1 RB mid	668	QPSK	23.86	24.57
10MHz	1 RB high	668	QPSK	23.76	24.47
10MHz	100% RB	668	QPSK	23.85	24.56
10MHz	1 RB low	668	16QAM	24.18	24.89
10MHz	1 RB mid	668	16QAM	24.05	24.76
10MHz	1 RB high	668	16QAM	23.87	24.58
10MHz	100% RB	668	16QAM	22.87	23.58

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10MHz	1 RB low	680.5	QPSK	23.49	24.20
10MHz	1 RB mid	680.5	QPSK	23.61	24.32
10MHz	1 RB high	680.5	QPSK	23.40	24.11
10MHz	100% RB	680.5	QPSK	23.45	24.16
10MHz	1 RB low	680.5	16QAM	23.67	24.38
10MHz	1 RB mid	680.5	16QAM	23.66	24.37
10MHz	1 RB high	680.5	16QAM	23.61	24.32
10MHz	100% RB	680.5	16QAM	22.46	23.17
10MHz	1 RB low	693	QPSK	23.11	23.82
10MHz	1 RB mid	693	QPSK	23.16	23.87
10MHz	1 RB high	693	QPSK	23.14	23.85
10MHz	100% RB	693	QPSK	23.08	23.79
10MHz	1 RB low	693	16QAM	23.28	23.99
10MHz	1 RB mid	693	16QAM	23.33	24.04
10MHz	1 RB high	693	16QAM	23.24	23.95
10MHz	100% RB	693	16QAM	22.11	22.82
15MHz	1 RB low	670.5	QPSK	23.79	24.50
15MHz	1 RB mid	670.5	QPSK	23.59	24.30
15MHz	1 RB high	670.5	QPSK	23.57	24.28
15MHz	100% RB	670.5	QPSK	23.68	24.39
15MHz	1 RB low	670.5	16QAM	23.99	24.70
15MHz	1 RB mid	670.5	16QAM	23.88	24.59
15MHz	1 RB high	670.5	16QAM	23.69	24.40
15MHz	100% RB	670.5	16QAM	22.70	23.41
15MHz	1 RB low	680.5	QPSK	23.35	24.06
15MHz	1 RB mid	680.5	QPSK	23.31	24.02
15MHz	1 RB high	680.5	QPSK	23.10	23.81
15MHz	100% RB	680.5	QPSK	23.29	24.00
15MHz	1 RB low	680.5	16QAM	23.35	24.06
15MHz	1 RB mid	680.5	16QAM	23.40	24.11
15MHz	1 RB high	680.5	16QAM	23.23	23.94
15MHz	100% RB	680.5	16QAM	22.29	23.00
15MHz	1 RB low	690.5	QPSK	23.10	23.81
15MHz	1 RB mid	690.5	QPSK	22.93	23.64
15MHz	1 RB high	690.5	QPSK	23.04	23.75
15MHz	100% RB	690.5	QPSK	22.99	23.70
15MHz	1 RB low	690.5	16QAM	23.34	24.05
15MHz	1 RB mid	690.5	16QAM	23.13	23.84

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15MHz	1 RB high	690.5	16QAM	23.14	23.85
15MHz	100% RB	690.5	16QAM	21.99	22.70
20MHz	1 RB low	673	QPSK	23.63	24.34
20MHz	1 RB mid	673	QPSK	23.53	24.24
20MHz	1 RB high	673	QPSK	23.48	24.19
20MHz	100% RB	673	QPSK	23.66	24.37
20MHz	1 RB low	673	16QAM	23.64	24.35
20MHz	1 RB mid	673	16QAM	23.69	24.73
20MHz	1 RB high	673	16QAM	23.69	24.78
20MHz	100% RB	673	16QAM	22.70	24.66
20MHz	1 RB low	683	QPSK	23.28	24.70
20MHz	1 RB mid	683	QPSK	23.23	24.84
20MHz	1 RB high	683	QPSK	22.96	25.03
20MHz	100% RB	683	QPSK	23.22	24.79
20MHz	1 RB low	683	16QAM	23.29	23.69
20MHz	1 RB mid	683	16QAM	23.32	24.21
20MHz	1 RB high	683	16QAM	23.00	24.22
20MHz	100% RB	683	16QAM	22.16	24.09
20MHz	1 RB low	688	QPSK	23.29	24.17
20MHz	1 RB mid	688	QPSK	23.02	24.40
20MHz	1 RB high	688	QPSK	23.10	24.45
20MHz	100% RB	688	QPSK	23.16	24.34
20MHz	1 RB low	688	16QAM	23.64	23.12
20MHz	1 RB mid	688	16QAM	23.26	23.77
20MHz	1 RB high	688	16QAM	23.48	23.96
20MHz	100% RB	688	16QAM	22.18	23.87

LTE CA_band 41
Limits 33dBm(2w)
Max EIRP:26.24dBm

Bandwidth	Frequency(MHz)	Frequency(MHz)	Modulation	PCC RB		SCC RB		AVG Power (dBm)	EIRP (dBm)=AVG Power+Gain(1.9dBi)
				Size	Offset	Size	Offset		
5MHz/20MHz	2583.8	2595.5	QPSK	1	24	1	0	24.60	25.79
5MHz/20MHz	2583.8	2595.5	QPSK	25	0	100	0	22.73	23.92
5MHz/20MHz	2583.8	2595.5	16QAM	1	24	1	0	23.70	24.89
5MHz/20MHz	2583.8	2595.5	16QAM	25	0	100	0	21.71	22.90

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5MHz/20MHz	2583.8	2595.5	Q64	1	24	1	0	22.66	23.85
5MHz/20MHz	2583.8	2595.5	Q64	25	0	100	0	21.75	22.94
5MHz/20MHz	2583.8	2595.5	Q256	1	24	1	0	19.70	20.89
5MHz/20MHz	2583.8	2595.5	Q256	25	0	100	0	19.72	20.91
10MHz/15MHz	2585.9	2597.9	QPSK	1	49	1	0	24.63	25.82
10MHz/15MHz	2585.9	2597.9	QPSK	50	0	75	0	22.69	23.88
10MHz/15MHz	2585.9	2597.9	16QAM	1	49	1	0	23.54	24.73
10MHz/15MHz	2585.9	2597.9	16QAM	50	0	75	0	21.67	22.86
10MHz/15MHz	2585.9	2597.9	Q64	1	49	1	0	22.60	23.79
10MHz/15MHz	2585.9	2597.9	Q64	50	0	75	0	21.69	22.88
10MHz/15MHz	2585.9	2597.9	Q256	1	49	1	0	19.59	20.78
10MHz/15MHz	2585.9	2597.9	Q256	50	0	75	0	19.67	20.86
10MHz/20MHz	2583.6	2598	QPSK	1	49	1	0	24.57	25.76
10MHz/20MHz	2583.6	2598	QPSK	50	0	100	0	22.70	23.89
10MHz/20MHz	2583.6	2598	16QAM	1	49	1	0	23.57	24.76
10MHz/20MHz	2583.6	2598	16QAM	50	0	100	0	21.71	22.90
10MHz/20MHz	2583.6	2598	Q64	1	49	1	0	22.61	23.80
10MHz/20MHz	2583.6	2598	Q64	50	0	100	0	21.69	22.88
10MHz/20MHz	2583.6	2598	Q256	1	49	1	0	19.61	20.80
10MHz/20MHz	2583.6	2598	Q256	50	0	100	0	19.72	20.91
15MHz/10MHz	2588.1	2600.1	QPSK	1	74	1	0	24.51	25.70
15MHz/10MHz	2588.1	2600.1	QPSK	75	0	50	0	22.62	23.81
15MHz/10MHz	2588.1	2600.1	16QAM	1	74	1	0	23.53	24.72
15MHz/10MHz	2588.1	2600.1	16QAM	75	0	50	0	21.65	22.84
15MHz/10MHz	2588.1	2600.1	Q64	1	74	1	0	22.59	23.78
15MHz/10MHz	2588.1	2600.1	Q64	75	0	50	0	21.66	22.85
15MHz/10MHz	2588.1	2600.1	Q256	1	74	1	0	19.54	20.73
15MHz/10MHz	2588.1	2600.1	Q256	75	0	50	0	19.65	20.84
15MHz/15MHz	2585.5	2600.5	QPSK	1	74	1	0	24.41	25.60
15MHz/15MHz	2585.5	2600.5	QPSK	75	0	75	0	22.65	23.84
15MHz/15MHz	2585.5	2600.5	16QAM	1	74	1	0	23.65	24.84
15MHz/15MHz	2585.5	2600.5	16QAM	75	0	75	0	21.65	22.84
15MHz/15MHz	2585.5	2600.5	Q64	1	74	1	0	22.66	23.85
15MHz/15MHz	2585.5	2600.5	Q64	75	0	75	0	21.67	22.86
15MHz/15MHz	2585.5	2600.5	Q256	1	74	1	0	19.47	20.66
15MHz/15MHz	2585.5	2600.5	Q256	75	0	75	0	19.90	21.09
15MHz/20MHz	2583.3	2600.4	QPSK	1	74	1	0	25.01	26.20

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15MHz/20MHz	2583.3	2600.4	QPSK	75	0	100	0	22.89	24.08
15MHz/20MHz	2583.3	2600.4	16QAM	1	74	1	0	24.05	25.24
15MHz/20MHz	2583.3	2600.4	16QAM	75	0	100	0	21.89	23.08
15MHz/20MHz	2583.3	2600.4	Q64	1	74	1	0	23.19	24.38
15MHz/20MHz	2583.3	2600.4	Q64	75	0	100	0	21.87	23.06
15MHz/20MHz	2583.3	2600.4	Q256	1	74	1	0	20.06	21.25
15MHz/20MHz	2583.3	2600.4	Q256	75	0	100	0	19.89	21.08
20MHz/5MHz	2590.5	2602.2	QPSK	1	99	1	0	24.74	25.93
20MHz/5MHz	2590.5	2602.2	QPSK	100	0	25	0	22.83	24.02
20MHz/5MHz	2590.5	2602.2	16QAM	1	99	1	0	23.70	24.89
20MHz/5MHz	2590.5	2602.2	16QAM	100	0	25	0	21.83	23.02
20MHz/5MHz	2590.5	2602.2	Q64	1	99	1	0	22.71	23.90
20MHz/5MHz	2590.5	2602.2	Q64	100	0	25	0	21.84	23.03
20MHz/5MHz	2590.5	2602.2	Q256	1	99	1	0	19.70	20.89
20MHz/5MHz	2590.5	2602.2	Q256	100	0	25	0	19.83	21.02
20MHz/10MHz	2588.1	2602.5	QPSK	1	99	1	0	24.87	26.06
20MHz/10MHz	2588.1	2602.5	QPSK	100	0	50	0	22.82	24.01
20MHz/10MHz	2588.1	2602.5	16QAM	1	99	1	0	23.84	25.03
20MHz/10MHz	2588.1	2602.5	16QAM	100	0	50	0	21.85	23.04
20MHz/10MHz	2588.1	2602.5	Q64	1	99	1	0	22.82	24.01
20MHz/10MHz	2588.1	2602.5	Q64	100	0	50	0	21.86	23.05
20MHz/10MHz	2588.1	2602.5	Q256	1	99	1	0	19.88	21.07
20MHz/10MHz	2588.1	2602.5	Q256	100	0	50	0	19.85	21.04
20MHz/15MHz	2585.6	2602.7	QPSK	1	99	1	0	25.02	26.21
20MHz/15MHz	2585.6	2602.7	QPSK	100	0	75	0	22.83	24.02
20MHz/15MHz	2585.6	2602.7	16QAM	1	99	1	0	23.96	25.15
20MHz/15MHz	2585.6	2602.7	16QAM	100	0	75	0	21.83	23.02
20MHz/15MHz	2585.6	2602.7	Q64	1	99	1	0	22.98	24.17
20MHz/15MHz	2585.6	2602.7	Q64	100	0	75	0	21.81	23.00
20MHz/15MHz	2585.6	2602.7	Q256	1	99	1	0	19.97	21.16
20MHz/15MHz	2585.6	2602.7	Q256	100	0	75	0	19.84	21.03
20MHz/20MHz	2583.1	2602.9	QPSK	1	99	1	0	25.05	26.24
20MHz/20MHz	2583.1	2602.9	QPSK	100	0	100	0	22.84	24.03
20MHz/20MHz	2583.1	2602.9	16QAM	1	99	1	0	24.02	25.21
20MHz/20MHz	2583.1	2602.9	16QAM	100	0	100	0	21.81	23.00
20MHz/20MHz	2583.1	2602.9	Q64	1	99	1	0	22.57	23.76
20MHz/20MHz	2583.1	2602.9	Q64	100	0	100	0	21.69	22.88

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20MHz/20MHz	2583.1	2602.9	Q256	1	99	1	0	19.57	20.76
20MHz/20MHz	2583.1	2602.9	Q256	100	0	100	0	19.70	20.89

LTE CA_2A-4A

PCC Power (dBm)								SCC Power (dBm)							
EIRP Limits 33dBm								EIRP Limits 30dBm							
Max EIRP:22.56dBm								Max EIRP:22.22dBm							
LTE Band	BW (MHz)	Frequency(MHz)	RB No	RB offset	Modulation	AVG Power (dBm)	EIRP (dBm)=AVG Power+Gain(1.25 dBi)	LTE Band	BW (MHz)	Frequency(MHz)	RB No	RB offset	Modulation	AVG Power (dBm)	EIRP (dBm)=AVG Power+Gain(1.25 dBi)
2	1.4MHz	1880	1	5	QPSK	20.69	21.94	4	5MHz	1732.5	1	0	QPSK	20.78	22.03
2	1.4MHz	1880	1	0	QPSK	20.81	22.06	4	5MHz	1732.5	1	24	QPSK	20.68	21.93
2	1.4MHz	1880	6	0	QPSK	20.81	22.06	4	5MHz	1732.5	25	0	QPSK	20.74	21.99
2	1.4MHz	1880	1	5	16QAM	20.72	21.97	4	5MHz	1732.5	1	0	16QAM	20.81	22.06
2	1.4MHz	1880	1	0	16QAM	20.76	22.01	4	5MHz	1732.5	1	24	16QAM	20.65	21.90
2	1.4MHz	1880	6	0	16QAM	20.86	22.11	4	5MHz	1732.5	25	0	16QAM	20.75	22.00
2	1.4MHz	1880	1	5	Q64	20.80	22.05	4	5MHz	1732.5	1	0	Q64	20.90	22.15
2	1.4MHz	1880	1	0	Q64	21.00	22.25	4	5MHz	1732.5	1	24	Q64	20.77	22.02
2	1.4MHz	1880	6	0	Q64	20.02	21.27	4	5MHz	1732.5	25	0	Q64	19.96	21.21
2	1.4MHz	1880	1	5	Q256	18.05	19.30	4	5MHz	1732.5	1	0	Q256	17.97	19.22
2	1.4MHz	1880	1	0	Q256	18.05	19.30	4	5MHz	1732.5	1	24	Q256	17.84	19.09
2	1.4MHz	1880	6	0	Q256	17.99	19.24	4	5MHz	1732.5	25	0	Q256	18.00	19.25
2	1.4MHz	1880	1	5	QPSK	20.88	22.13	4	10MHz	1732.5	1	0	QPSK	20.77	22.02
2	1.4MHz	1880	1	0	QPSK	20.98	22.23	4	10MHz	1732.5	1	49	QPSK	20.63	21.88
2	1.4MHz	1880	6	0	QPSK	20.93	22.18	4	10MHz	1732.5	50	0	QPSK	20.76	22.01
2	1.4MHz	1880	1	5	16QAM	20.82	22.07	4	10MHz	1732.5	1	0	16QAM	20.77	22.02
2	1.4MHz	1880	1	0	16QAM	20.93	22.18	4	10MHz	1732.5	1	49	16QAM	20.56	21.81
2	1.4MHz	1880	6	0	16QAM	20.96	22.21	4	10MHz	1732.5	50	0	16QAM	20.80	22.05
2	1.4MHz	1880	1	5	Q64	20.98	22.23	4	10MHz	1732.5	1	0	Q64	20.86	22.11
2	1.4MHz	1880	1	0	Q64	21.05	22.30	4	10MHz	1732.5	1	49	Q64	20.64	21.89
2	1.4MHz	1880	6	0	Q64	20.13	21.38	4	10MHz	1732.5	50	0	Q64	19.99	21.24
2	1.4MHz	1880	1	5	Q256	18.14	19.39	4	10MHz	1732.5	1	0	Q256	18.03	19.28
2	1.4MHz	1880	1	0	Q256	18.21	19.46	4	10MHz	1732.5	1	49	Q256	17.81	19.06
2	1.4MHz	1880	6	0	Q256	18.15	19.40	4	10MHz	1732.5	50	0	Q256	18.00	19.25
2	1.4MHz	1880	1	5	QPSK	20.97	22.22	4	15MHz	1732.5	1	0	QPSK	20.57	21.82
2	1.4MHz	1880	1	0	QPSK	21.04	22.29	4	15MHz	1732.5	1	74	QPSK	20.20	21.45
2	1.4MHz	1880	6	0	QPSK	21.03	22.28	4	15MHz	1732.5	75	0	QPSK	20.45	21.70

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2	1.4MHz	1880	1	5	16QAM	20.92	22.17	4	15MHz	1732.5	1	0	16QAM	20.55	21.80
2	1.4MHz	1880	1	0	16QAM	21.03	22.28	4	15MHz	1732.5	1	74	16QAM	20.22	21.47
2	1.4MHz	1880	6	0	16QAM	21.04	22.29	4	15MHz	1732.5	75	0	16QAM	20.45	21.70
2	1.4MHz	1880	1	5	Q64	21.07	22.32	4	15MHz	1732.5	1	0	Q64	20.60	21.85
2	1.4MHz	1880	1	0	Q64	21.11	22.36	4	15MHz	1732.5	1	74	Q64	20.28	21.53
2	1.4MHz	1880	6	0	Q64	20.25	21.50	4	15MHz	1732.5	75	0	Q64	19.65	20.90
2	1.4MHz	1880	1	5	Q256	18.15	19.40	4	15MHz	1732.5	1	0	Q256	17.68	18.93
2	1.4MHz	1880	1	0	Q256	18.26	19.51	4	15MHz	1732.5	1	74	Q256	17.34	18.59
2	1.4MHz	1880	6	0	Q256	18.24	19.49	4	15MHz	1732.5	75	0	Q256	17.67	18.92
2	1.4MHz	1880	1	5	QPSK	20.90	22.15	4	20MHz	1732.5	1	0	QPSK	20.56	21.81
2	1.4MHz	1880	1	0	QPSK	20.98	22.23	4	20MHz	1732.5	1	99	QPSK	20.21	21.46
2	1.4MHz	1880	6	0	QPSK	20.96	22.21	4	20MHz	1732.5	100	0	QPSK	20.44	21.69
2	1.4MHz	1880	1	5	16QAM	20.89	22.14	4	20MHz	1732.5	1	0	16QAM	20.47	21.72
2	1.4MHz	1880	1	0	16QAM	20.87	22.12	4	20MHz	1732.5	1	99	16QAM	20.10	21.35
2	1.4MHz	1880	6	0	16QAM	20.95	22.20	4	20MHz	1732.5	100	0	16QAM	20.45	21.70
2	1.4MHz	1880	1	5	Q64	21.05	22.30	4	20MHz	1732.5	1	0	Q64	20.72	21.97
2	1.4MHz	1880	1	0	Q64	21.05	22.30	4	20MHz	1732.5	1	99	Q64	20.21	21.46
2	1.4MHz	1880	6	0	Q64	20.17	21.42	4	20MHz	1732.5	100	0	Q64	19.64	20.89
2	1.4MHz	1880	1	5	Q256	18.12	19.37	4	20MHz	1732.5	1	0	Q256	17.67	18.92
2	1.4MHz	1880	1	0	Q256	18.12	19.37	4	20MHz	1732.5	1	99	Q256	17.25	18.50
2	1.4MHz	1880	6	0	Q256	18.15	19.40	4	20MHz	1732.5	100	0	Q256	17.66	18.91
2	3MHz	1880	1	14	QPSK	20.95	22.20	4	5MHz	1732.5	1	0	QPSK	20.89	22.14
2	3MHz	1880	1	0	QPSK	21.10	22.35	4	5MHz	1732.5	1	24	QPSK	20.78	22.03
2	3MHz	1880	15	0	QPSK	21.00	22.25	4	5MHz	1732.5	25	0	QPSK	20.76	22.01
2	3MHz	1880	1	14	16QAM	20.84	22.09	4	5MHz	1732.5	1	0	16QAM	20.75	22.00
2	3MHz	1880	1	0	16QAM	21.13	22.38	4	5MHz	1732.5	1	24	16QAM	20.72	21.97
2	3MHz	1880	15	0	16QAM	21.01	22.26	4	5MHz	1732.5	25	0	16QAM	20.81	22.06
2	3MHz	1880	1	14	Q64	21.03	22.28	4	5MHz	1732.5	1	0	Q64	20.92	22.17
2	3MHz	1880	1	0	Q64	21.21	22.46	4	5MHz	1732.5	1	24	Q64	20.85	22.10
2	3MHz	1880	15	0	Q64	20.20	21.45	4	5MHz	1732.5	25	0	Q64	19.99	21.24
2	3MHz	1880	1	14	Q256	18.05	19.30	4	5MHz	1732.5	1	0	Q256	17.96	19.21
2	3MHz	1880	1	0	Q256	18.30	19.55	4	5MHz	1732.5	1	24	Q256	17.90	19.15
2	3MHz	1880	15	0	Q256	18.25	19.50	4	5MHz	1732.5	25	0	Q256	18.05	19.30
2	3MHz	1880	1	14	QPSK	20.90	22.15	4	10MHz	1732.5	1	0	QPSK	20.82	22.07
2	3MHz	1880	1	0	QPSK	21.05	22.30	4	10MHz	1732.5	1	49	QPSK	20.64	21.89
2	3MHz	1880	15	0	QPSK	20.95	22.20	4	10MHz	1732.5	50	0	QPSK	20.79	22.04
2	3MHz	1880	1	14	16QAM	20.95	22.20	4	10MHz	1732.5	1	0	16QAM	20.71	21.96

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2	3MHz	1880	1	0	16QAM	21.08	22.33	4	10MHz	1732.5	1	49	16QAM	20.52	21.77
2	3MHz	1880	15	0	16QAM	20.95	22.20	4	10MHz	1732.5	50	0	16QAM	20.79	22.04
2	3MHz	1880	1	14	Q64	21.02	22.27	4	10MHz	1732.5	1	0	Q64	20.97	22.22
2	3MHz	1880	1	0	Q64	21.11	22.36	4	10MHz	1732.5	1	49	Q64	20.68	21.93
2	3MHz	1880	15	0	Q64	20.18	21.43	4	10MHz	1732.5	50	0	Q64	20.01	21.26
2	3MHz	1880	1	14	Q256	17.94	19.19	4	10MHz	1732.5	1	0	Q256	18.08	19.33
2	3MHz	1880	1	0	Q256	18.31	19.56	4	10MHz	1732.5	1	49	Q256	17.82	19.07
2	3MHz	1880	15	0	Q256	18.18	19.43	4	10MHz	1732.5	50	0	Q256	18.05	19.30
2	3MHz	1880	1	14	QPSK	20.90	22.15	4	15MHz	1732.5	1	0	QPSK	20.57	21.82
2	3MHz	1880	1	0	QPSK	21.07	22.32	4	15MHz	1732.5	1	74	QPSK	20.22	21.47
2	3MHz	1880	15	0	QPSK	20.95	22.20	4	15MHz	1732.5	75	0	QPSK	20.44	21.69
2	3MHz	1880	1	14	16QAM	20.98	22.23	4	15MHz	1732.5	1	0	16QAM	20.40	21.65
2	3MHz	1880	1	0	16QAM	21.10	22.35	4	15MHz	1732.5	1	74	16QAM	20.21	21.46
2	3MHz	1880	15	0	16QAM	20.91	22.16	4	15MHz	1732.5	75	0	16QAM	20.45	21.70
2	3MHz	1880	1	14	Q64	20.98	22.23	4	15MHz	1732.5	1	0	Q64	20.59	21.84
2	3MHz	1880	1	0	Q64	21.16	22.41	4	15MHz	1732.5	1	74	Q64	20.35	21.60
2	3MHz	1880	15	0	Q64	20.13	21.38	4	15MHz	1732.5	75	0	Q64	19.67	20.92
2	3MHz	1880	1	14	Q256	18.08	19.33	4	15MHz	1732.5	1	0	Q256	17.67	18.92
2	3MHz	1880	1	0	Q256	18.20	19.45	4	15MHz	1732.5	1	74	Q256	17.39	18.64
2	3MHz	1880	15	0	Q256	18.19	19.44	4	15MHz	1732.5	75	0	Q256	17.67	18.92
2	3MHz	1880	1	14	QPSK	20.99	22.24	4	20MHz	1732.5	1	0	QPSK	20.55	21.80
2	3MHz	1880	1	0	QPSK	21.09	22.34	4	20MHz	1732.5	1	99	QPSK	20.16	21.41
2	3MHz	1880	15	0	QPSK	21.00	22.25	4	20MHz	1732.5	100	0	QPSK	20.42	21.67
2	3MHz	1880	1	14	16QAM	20.96	22.21	4	20MHz	1732.5	1	0	16QAM	20.38	21.63
2	3MHz	1880	1	0	16QAM	21.10	22.35	4	20MHz	1732.5	1	99	16QAM	20.07	21.32
2	3MHz	1880	15	0	16QAM	21.00	22.25	4	20MHz	1732.5	100	0	16QAM	20.45	21.70
2	3MHz	1880	1	14	Q64	21.07	22.32	4	20MHz	1732.5	1	0	Q64	20.59	21.84
2	3MHz	1880	1	0	Q64	21.20	22.45	4	20MHz	1732.5	1	99	Q64	20.22	21.47
2	3MHz	1880	15	0	Q64	20.21	21.46	4	20MHz	1732.5	100	0	Q64	19.65	20.90
2	3MHz	1880	1	14	Q256	18.15	19.40	4	20MHz	1732.5	1	0	Q256	17.76	19.01
2	3MHz	1880	1	0	Q256	18.41	19.66	4	20MHz	1732.5	1	99	Q256	17.24	18.49
2	3MHz	1880	15	0	Q256	18.25	19.50	4	20MHz	1732.5	100	0	Q256	17.68	18.93
2	5MHz	1880	1	24	QPSK	20.96	22.21	4	5MHz	1732.5	1	0	QPSK	20.86	22.11
2	5MHz	1880	1	0	QPSK	21.22	22.47	4	5MHz	1732.5	1	24	QPSK	20.75	22.00
2	5MHz	1880	25	0	QPSK	21.03	22.28	4	5MHz	1732.5	25	0	QPSK	20.77	22.02
2	5MHz	1880	1	24	16QAM	21.01	22.26	4	5MHz	1732.5	1	0	16QAM	20.83	22.08
2	5MHz	1880	1	0	16QAM	21.20	22.45	4	5MHz	1732.5	1	24	16QAM	20.70	21.95

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2	5MHz	1880	25	0	16QAM	20.54	21.79	4	5MHz	1732.5	25	0	16QAM	20.31	21.56
2	5MHz	1880	1	24	Q64	20.47	21.72	4	5MHz	1732.5	1	0	Q64	20.45	21.70
2	5MHz	1880	1	0	Q64	21.14	22.39	4	5MHz	1732.5	1	24	Q64	20.76	22.01
2	5MHz	1880	25	0	Q64	19.77	21.02	4	5MHz	1732.5	25	0	Q64	19.50	20.75
2	5MHz	1880	1	24	Q256	17.81	19.06	4	5MHz	1732.5	1	0	Q256	17.67	18.92
2	5MHz	1880	1	0	Q256	18.33	19.58	4	5MHz	1732.5	1	24	Q256	17.93	19.18
2	5MHz	1880	25	0	Q256	17.79	19.04	4	5MHz	1732.5	25	0	Q256	17.55	18.80
2	5MHz	1880	1	24	QPSK	20.97	22.22	4	10MHz	1732.5	1	0	QPSK	20.80	22.05
2	5MHz	1880	1	0	QPSK	21.17	22.42	4	10MHz	1732.5	1	49	QPSK	20.60	21.85
2	5MHz	1880	25	0	QPSK	21.02	22.27	4	10MHz	1732.5	50	0	QPSK	20.81	22.06
2	5MHz	1880	1	24	16QAM	20.93	22.18	4	10MHz	1732.5	1	0	16QAM	20.91	22.16
2	5MHz	1880	1	0	16QAM	21.24	22.49	4	10MHz	1732.5	1	49	16QAM	20.66	21.91
2	5MHz	1880	25	0	16QAM	20.56	21.81	4	10MHz	1732.5	50	0	16QAM	20.36	21.61
2	5MHz	1880	1	24	Q64	20.62	21.87	4	10MHz	1732.5	1	0	Q64	20.57	21.82
2	5MHz	1880	1	0	Q64	21.18	22.43	4	10MHz	1732.5	1	49	Q64	20.65	21.90
2	5MHz	1880	25	0	Q64	19.79	21.04	4	10MHz	1732.5	50	0	Q64	19.55	20.80
2	5MHz	1880	1	24	Q256	17.85	19.10	4	10MHz	1732.5	1	0	Q256	17.74	18.99
2	5MHz	1880	1	0	Q256	18.46	19.71	4	10MHz	1732.5	1	49	Q256	17.88	19.13
2	5MHz	1880	25	0	Q256	18.23	19.48	4	10MHz	1732.5	50	0	Q256	18.01	19.26
2	5MHz	1880	1	24	QPSK	20.98	22.23	4	15MHz	1732.5	1	0	QPSK	20.51	21.76
2	5MHz	1880	1	0	QPSK	21.23	22.48	4	15MHz	1732.5	1	74	QPSK	20.19	21.44
2	5MHz	1880	25	0	QPSK	21.03	22.28	4	15MHz	1732.5	75	0	QPSK	20.41	21.66
2	5MHz	1880	1	24	16QAM	20.96	22.21	4	15MHz	1732.5	1	0	16QAM	20.53	21.78
2	5MHz	1880	1	0	16QAM	21.21	22.46	4	15MHz	1732.5	1	74	16QAM	20.27	21.52
2	5MHz	1880	25	0	16QAM	20.59	21.84	4	15MHz	1732.5	75	0	16QAM	20.05	21.30
2	5MHz	1880	1	24	Q64	20.93	22.18	4	15MHz	1732.5	1	0	Q64	20.51	21.76
2	5MHz	1880	1	0	Q64	21.07	22.32	4	15MHz	1732.5	1	74	Q64	20.23	21.48
2	5MHz	1880	25	0	Q64	20.23	21.48	4	15MHz	1732.5	75	0	Q64	19.64	20.89
2	5MHz	1880	1	24	Q256	18.09	19.34	4	15MHz	1732.5	1	0	Q256	17.77	19.02
2	5MHz	1880	1	0	Q256	18.50	19.75	4	15MHz	1732.5	1	74	Q256	17.46	18.71
2	5MHz	1880	25	0	Q256	18.24	19.49	4	15MHz	1732.5	75	0	Q256	17.65	18.90
2	5MHz	1880	1	24	QPSK	20.95	22.20	4	20MHz	1732.5	1	0	QPSK	20.51	21.76
2	5MHz	1880	1	0	QPSK	21.20	22.45	4	20MHz	1732.5	1	99	QPSK	20.19	21.44
2	5MHz	1880	25	0	QPSK	21.06	22.31	4	20MHz	1732.5	100	0	QPSK	20.41	21.66
2	5MHz	1880	1	24	16QAM	20.98	22.23	4	20MHz	1732.5	1	0	16QAM	20.55	21.80
2	5MHz	1880	1	0	16QAM	21.15	22.40	4	20MHz	1732.5	1	99	16QAM	20.19	21.44
2	5MHz	1880	25	0	16QAM	21.04	22.29	4	20MHz	1732.5	100	0	16QAM	20.44	21.69

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2	5MHz	1880	1	24	Q64	21.00	22.25	4	20MHz	1732.5	1	0	Q64	20.60	21.85
2	5MHz	1880	1	0	Q64	21.14	22.39	4	20MHz	1732.5	1	99	Q64	20.15	21.40
2	5MHz	1880	25	0	Q64	20.24	21.49	4	20MHz	1732.5	100	0	Q64	19.63	20.88
2	5MHz	1880	1	24	Q256	18.20	19.45	4	20MHz	1732.5	1	0	Q256	17.81	19.06
2	5MHz	1880	1	0	Q256	18.52	19.77	4	20MHz	1732.5	1	99	Q256	17.37	18.62
2	5MHz	1880	25	0	Q256	18.24	19.49	4	20MHz	1732.5	100	0	Q256	17.64	18.89
2	10MHz	1880	1	49	QPSK	20.98	22.23	4	5MHz	1732.5	1	0	QPSK	20.85	22.10
2	10MHz	1880	1	0	QPSK	21.23	22.48	4	5MHz	1732.5	1	24	QPSK	20.73	21.98
2	10MHz	1880	50	0	QPSK	21.09	22.34	4	5MHz	1732.5	25	0	QPSK	20.80	22.05
2	10MHz	1880	1	49	16QAM	20.96	22.21	4	5MHz	1732.5	1	0	16QAM	20.81	22.06
2	10MHz	1880	1	0	16QAM	21.18	22.43	4	5MHz	1732.5	1	24	16QAM	20.71	21.96
2	10MHz	1880	50	0	16QAM	20.55	21.80	4	5MHz	1732.5	25	0	16QAM	20.32	21.57
2	10MHz	1880	1	49	Q64	20.62	21.87	4	5MHz	1732.5	1	0	Q64	20.48	21.73
2	10MHz	1880	1	0	Q64	21.28	22.53	4	5MHz	1732.5	1	24	Q64	20.85	22.10
2	10MHz	1880	50	0	Q64	19.80	21.05	4	5MHz	1732.5	25	0	Q64	19.54	20.79
2	10MHz	1880	1	49	Q256	17.74	18.99	4	5MHz	1732.5	1	0	Q256	17.73	18.98
2	10MHz	1880	1	0	Q256	18.41	19.66	4	5MHz	1732.5	1	24	Q256	17.79	19.04
2	10MHz	1880	50	0	Q256	18.26	19.51	4	5MHz	1732.5	25	0	Q256	18.04	19.29
2	10MHz	1880	1	49	QPSK	20.96	22.21	4	10MHz	1732.5	1	0	QPSK	20.84	22.09
2	10MHz	1880	1	0	QPSK	21.22	22.47	4	10MHz	1732.5	1	49	QPSK	20.64	21.89
2	10MHz	1880	50	0	QPSK	20.61	21.86	4	10MHz	1732.5	50	0	QPSK	20.33	21.58
2	10MHz	1880	1	49	16QAM	20.62	21.87	4	10MHz	1732.5	1	0	16QAM	20.44	21.69
2	10MHz	1880	1	0	16QAM	20.59	21.84	4	10MHz	1732.5	1	49	16QAM	19.89	21.14
2	10MHz	1880	50	0	16QAM	21.03	22.28	4	10MHz	1732.5	50	0	16QAM	20.75	22.00
2	10MHz	1880	1	49	Q64	21.02	22.27	4	10MHz	1732.5	1	0	Q64	20.93	22.18
2	10MHz	1880	1	0	Q64	21.23	22.48	4	10MHz	1732.5	1	49	Q64	20.67	21.92
2	10MHz	1880	50	0	Q64	20.23	21.48	4	10MHz	1732.5	50	0	Q64	19.78	21.03
2	10MHz	1880	1	49	Q256	18.08	19.33	4	10MHz	1732.5	1	0	Q256	17.98	19.23
2	10MHz	1880	1	0	Q256	18.51	19.76	4	10MHz	1732.5	1	49	Q256	17.67	18.92
2	10MHz	1880	50	0	Q256	18.27	19.52	4	10MHz	1732.5	50	0	Q256	18.01	19.26
2	10MHz	1880	1	49	QPSK	20.94	22.19	4	15MHz	1732.5	1	0	QPSK	20.49	21.74
2	10MHz	1880	1	0	QPSK	21.22	22.47	4	15MHz	1732.5	1	74	QPSK	20.19	21.44
2	10MHz	1880	50	0	QPSK	21.07	22.32	4	15MHz	1732.5	75	0	QPSK	20.43	21.68
2	10MHz	1880	1	49	16QAM	20.93	22.18	4	15MHz	1732.5	1	0	16QAM	20.37	21.62
2	10MHz	1880	1	0	16QAM	21.31	22.56	4	15MHz	1732.5	1	74	16QAM	20.14	21.39
2	10MHz	1880	50	0	16QAM	21.09	22.34	4	15MHz	1732.5	75	0	16QAM	20.56	21.81
2	10MHz	1880	1	49	Q64	20.95	22.20	4	15MHz	1732.5	1	0	Q64	20.54	21.79

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2	10MHz	1880	1	0	Q64	21.23	22.48	4	15MHz	1732.5	1	74	Q64	20.33	21.58
2	10MHz	1880	50	0	Q64	20.26	21.51	4	15MHz	1732.5	75	0	Q64	19.67	20.92
2	10MHz	1880	1	49	Q256	18.05	19.30	4	15MHz	1732.5	1	0	Q256	17.70	18.95
2	10MHz	1880	1	0	Q256	18.50	19.75	4	15MHz	1732.5	1	74	Q256	17.32	18.57
2	10MHz	1880	50	0	Q256	18.29	19.54	4	15MHz	1732.5	75	0	Q256	17.67	18.92
2	10MHz	1880	1	49	QPSK	20.94	22.19	4	20MHz	1732.5	1	0	QPSK	20.50	21.75
2	10MHz	1880	1	0	QPSK	21.21	22.46	4	20MHz	1732.5	1	99	QPSK	20.10	21.35
2	10MHz	1880	50	0	QPSK	21.07	22.32	4	20MHz	1732.5	100	0	QPSK	20.43	21.68
2	10MHz	1880	1	49	16QAM	21.00	22.25	4	20MHz	1732.5	1	0	16QAM	20.43	21.68
2	10MHz	1880	1	0	16QAM	21.29	22.54	4	20MHz	1732.5	1	99	16QAM	20.06	21.31
2	10MHz	1880	50	0	16QAM	21.08	22.33	4	20MHz	1732.5	100	0	16QAM	20.47	21.72
2	10MHz	1880	1	49	Q64	20.59	21.84	4	20MHz	1732.5	1	0	Q64	20.55	21.80
2	10MHz	1880	1	0	Q64	20.57	21.82	4	20MHz	1732.5	1	99	Q64	19.78	21.03
2	10MHz	1880	50	0	Q64	20.25	21.50	4	20MHz	1732.5	100	0	Q64	19.66	20.91
2	10MHz	1880	1	49	Q256	18.12	19.37	4	20MHz	1732.5	1	0	Q256	17.67	18.92
2	10MHz	1880	1	0	Q256	18.40	19.65	4	20MHz	1732.5	1	99	Q256	17.24	18.49
2	10MHz	1880	50	0	Q256	18.27	19.52	4	20MHz	1732.5	100	0	Q256	17.66	18.91
2	15MHz	1880	1	74	QPSK	20.74	21.99	4	5MHz	1732.5	1	0	QPSK	20.85	22.10
2	15MHz	1880	1	0	QPSK	20.95	22.20	4	5MHz	1732.5	1	24	QPSK	20.75	22.00
2	15MHz	1880	75	0	QPSK	20.79	22.04	4	5MHz	1732.5	25	0	QPSK	20.77	22.02
2	15MHz	1880	1	74	16QAM	20.79	22.04	4	5MHz	1732.5	1	0	16QAM	20.75	22.00
2	15MHz	1880	1	0	16QAM	20.96	22.21	4	5MHz	1732.5	1	24	16QAM	20.62	21.87
2	15MHz	1880	75	0	16QAM	20.28	21.53	4	5MHz	1732.5	25	0	16QAM	20.36	21.61
2	15MHz	1880	1	74	Q64	20.32	21.57	4	5MHz	1732.5	1	0	Q64	20.57	21.82
2	15MHz	1880	1	0	Q64	20.98	22.23	4	5MHz	1732.5	1	24	Q64	20.77	22.02
2	15MHz	1880	75	0	Q64	19.95	21.20	4	5MHz	1732.5	25	0	Q64	19.97	21.22
2	15MHz	1880	1	74	Q256	17.85	19.10	4	5MHz	1732.5	1	0	Q256	18.08	19.33
2	15MHz	1880	1	0	Q256	18.28	19.53	4	5MHz	1732.5	1	24	Q256	17.99	19.24
2	15MHz	1880	75	0	Q256	17.96	19.21	4	5MHz	1732.5	25	0	Q256	17.99	19.24
2	15MHz	1880	1	74	QPSK	20.76	22.01	4	10MHz	1732.5	1	0	QPSK	20.82	22.07
2	15MHz	1880	1	0	QPSK	20.97	22.22	4	10MHz	1732.5	1	49	QPSK	20.64	21.89
2	15MHz	1880	75	0	QPSK	20.80	22.05	4	10MHz	1732.5	50	0	QPSK	20.82	22.07
2	15MHz	1880	1	74	16QAM	20.83	22.08	4	10MHz	1732.5	1	0	16QAM	20.68	21.93
2	15MHz	1880	1	0	16QAM	20.93	22.18	4	10MHz	1732.5	1	49	16QAM	20.60	21.85
2	15MHz	1880	75	0	16QAM	20.26	21.51	4	10MHz	1732.5	50	0	16QAM	20.34	21.59
2	15MHz	1880	1	74	Q64	20.40	21.65	4	10MHz	1732.5	1	0	Q64	20.56	21.81
2	15MHz	1880	1	0	Q64	20.88	22.13	4	10MHz	1732.5	1	49	Q64	20.64	21.89

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2	15MHz	1880	75	0	Q64	19.95	21.20	4	10MHz	1732.5	50	0	Q64	20.01	21.26
2	15MHz	1880	1	74	Q256	17.93	19.18	4	10MHz	1732.5	1	0	Q256	18.08	19.33
2	15MHz	1880	1	0	Q256	18.15	19.40	4	10MHz	1732.5	1	49	Q256	17.75	19.00
2	15MHz	1880	75	0	Q256	17.99	19.24	4	10MHz	1732.5	50	0	Q256	18.02	19.27
2	15MHz	1880	1	74	QPSK	20.78	22.03	4	15MHz	1732.5	1	0	QPSK	20.50	21.75
2	15MHz	1880	1	0	QPSK	20.97	22.22	4	15MHz	1732.5	1	74	QPSK	20.24	21.49
2	15MHz	1880	75	0	QPSK	20.83	22.08	4	15MHz	1732.5	75	0	QPSK	20.45	21.70
2	15MHz	1880	1	74	16QAM	20.77	22.02	4	15MHz	1732.5	1	0	16QAM	20.28	21.53
2	15MHz	1880	1	0	16QAM	20.98	22.23	4	15MHz	1732.5	1	74	16QAM	20.09	21.34
2	15MHz	1880	75	0	16QAM	20.26	21.51	4	15MHz	1732.5	75	0	16QAM	20.07	21.32
2	15MHz	1880	1	74	Q64	20.30	21.55	4	15MHz	1732.5	1	0	Q64	20.46	21.71
2	15MHz	1880	1	0	Q64	20.29	21.54	4	15MHz	1732.5	1	74	Q64	19.81	21.06
2	15MHz	1880	75	0	Q64	19.95	21.20	4	15MHz	1732.5	75	0	Q64	19.64	20.89
2	15MHz	1880	1	74	Q256	17.83	19.08	4	15MHz	1732.5	1	0	Q256	17.69	18.94
2	15MHz	1880	1	0	Q256	18.14	19.39	4	15MHz	1732.5	1	74	Q256	17.36	18.61
2	15MHz	1880	75	0	Q256	17.99	19.24	4	15MHz	1732.5	75	0	Q256	17.67	18.92
2	15MHz	1880	1	74	QPSK	20.74	21.99	4	20MHz	1732.5	1	0	QPSK	20.49	21.74
2	15MHz	1880	1	0	QPSK	20.95	22.20	4	20MHz	1732.5	1	99	QPSK	20.17	21.42
2	15MHz	1880	75	0	QPSK	20.80	22.05	4	20MHz	1732.5	100	0	QPSK	20.45	21.70
2	15MHz	1880	1	74	16QAM	20.74	21.99	4	20MHz	1732.5	1	0	16QAM	20.52	21.77
2	15MHz	1880	1	0	16QAM	20.99	22.24	4	20MHz	1732.5	1	99	16QAM	20.00	21.25
2	15MHz	1880	75	0	16QAM	20.29	21.54	4	20MHz	1732.5	100	0	16QAM	20.08	21.33
2	15MHz	1880	1	74	Q64	20.39	21.64	4	20MHz	1732.5	1	0	Q64	20.44	21.69
2	15MHz	1880	1	0	Q64	21.01	22.26	4	20MHz	1732.5	1	99	Q64	20.19	21.44
2	15MHz	1880	75	0	Q64	19.93	21.18	4	20MHz	1732.5	100	0	Q64	19.66	20.91
2	15MHz	1880	1	74	Q256	17.90	19.15	4	20MHz	1732.5	1	0	Q256	17.77	19.02
2	15MHz	1880	1	0	Q256	18.10	19.35	4	20MHz	1732.5	1	99	Q256	17.26	18.51
2	15MHz	1880	75	0	Q256	17.97	19.22	4	20MHz	1732.5	100	0	Q256	17.64	18.89
2	20MHz	1880	1	99	QPSK	20.83	22.08	4	5MHz	1732.5	1	0	QPSK	20.83	22.08
2	20MHz	1880	1	0	QPSK	20.96	22.21	4	5MHz	1732.5	1	24	QPSK	20.75	22.00
2	20MHz	1880	100	0	QPSK	20.83	22.08	4	5MHz	1732.5	25	0	QPSK	20.80	22.05
2	20MHz	1880	1	99	16QAM	20.88	22.13	4	5MHz	1732.5	1	0	16QAM	20.91	22.16
2	20MHz	1880	1	0	16QAM	20.95	22.20	4	5MHz	1732.5	1	24	16QAM	20.77	22.02
2	20MHz	1880	100	0	16QAM	20.82	22.07	4	5MHz	1732.5	25	0	16QAM	20.82	22.07
2	20MHz	1880	1	99	Q64	20.98	22.23	4	5MHz	1732.5	1	0	Q64	20.91	22.16
2	20MHz	1880	1	0	Q64	20.91	22.16	4	5MHz	1732.5	1	24	Q64	20.83	22.08
2	20MHz	1880	100	0	Q64	20.05	21.30	4	5MHz	1732.5	25	0	Q64	20.00	21.25

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2	20MHz	1880	1	99	Q256	18.06	19.31	4	5MHz	1732.5	1	0	Q256	17.87	19.12
2	20MHz	1880	1	0	Q256	17.77	19.02	4	5MHz	1732.5	1	24	Q256	17.46	18.71
2	20MHz	1880	100	0	Q256	17.95	19.20	4	5MHz	1732.5	25	0	Q256	17.68	18.93
2	20MHz	1880	1	99	QPSK	20.90	22.15	4	10MHz	1732.5	1	0	QPSK	20.67	21.92
2	20MHz	1880	1	0	QPSK	20.57	21.82	4	10MHz	1732.5	1	49	QPSK	20.20	21.45
2	20MHz	1880	100	0	QPSK	20.78	22.03	4	10MHz	1732.5	50	0	QPSK	20.46	21.71
2	20MHz	1880	1	99	16QAM	21.03	22.28	4	10MHz	1732.5	1	0	16QAM	20.67	21.92
2	20MHz	1880	1	0	16QAM	20.58	21.83	4	10MHz	1732.5	1	49	16QAM	20.28	21.53
2	20MHz	1880	100	0	16QAM	20.79	22.04	4	10MHz	1732.5	50	0	16QAM	20.47	21.72
2	20MHz	1880	1	99	Q64	20.99	22.24	4	10MHz	1732.5	1	0	Q64	20.75	22.00
2	20MHz	1880	1	0	Q64	20.57	21.82	4	10MHz	1732.5	1	49	Q64	20.24	21.49
2	20MHz	1880	100	0	Q64	19.95	21.20	4	10MHz	1732.5	50	0	Q64	19.65	20.90
2	20MHz	1880	1	99	Q256	17.93	19.18	4	10MHz	1732.5	1	0	Q256	17.89	19.14
2	20MHz	1880	1	0	Q256	17.86	19.11	4	10MHz	1732.5	1	49	Q256	17.38	18.63
2	20MHz	1880	100	0	Q256	17.99	19.24	4	10MHz	1732.5	50	0	Q256	17.74	18.99
2	20MHz	1880	1	99	QPSK	20.91	22.16	4	15MHz	1732.5	1	0	QPSK	20.43	21.68
2	20MHz	1880	1	0	QPSK	20.53	21.78	4	15MHz	1732.5	1	74	QPSK	19.93	21.18
2	20MHz	1880	100	0	QPSK	20.75	22.00	4	15MHz	1732.5	75	0	QPSK	20.15	21.40
2	20MHz	1880	1	99	16QAM	20.90	22.15	4	15MHz	1732.5	1	0	16QAM	20.36	21.61
2	20MHz	1880	1	0	16QAM	20.63	21.88	4	15MHz	1732.5	1	74	16QAM	19.84	21.09
2	20MHz	1880	100	0	16QAM	20.76	22.01	4	15MHz	1732.5	75	0	16QAM	20.16	21.41
2	20MHz	1880	1	99	Q64	20.98	22.23	4	15MHz	1732.5	1	0	Q64	20.45	21.70
2	20MHz	1880	1	0	Q64	20.59	21.84	4	15MHz	1732.5	1	74	Q64	19.91	21.16
2	20MHz	1880	100	0	Q64	19.93	21.18	4	15MHz	1732.5	75	0	Q64	19.37	20.62
2	20MHz	1880	1	99	Q256	18.16	19.41	4	15MHz	1732.5	1	0	Q256	17.56	18.81
2	20MHz	1880	1	0	Q256	17.80	19.05	4	15MHz	1732.5	1	74	Q256	16.92	18.17
2	20MHz	1880	100	0	Q256	17.97	19.22	4	15MHz	1732.5	75	0	Q256	17.38	18.63
2	20MHz	1880	1	99	QPSK	20.86	22.11	4	20MHz	1732.5	1	0	QPSK	20.39	21.64
2	20MHz	1880	1	0	QPSK	20.51	21.76	4	20MHz	1732.5	1	99	QPSK	19.98	21.23
2	20MHz	1880	100	0	QPSK	20.75	22.00	4	20MHz	1732.5	100	0	QPSK	20.15	21.40
2	20MHz	1880	1	99	16QAM	20.94	22.19	4	20MHz	1732.5	1	0	16QAM	20.37	21.62
2	20MHz	1880	1	0	16QAM	20.58	21.83	4	20MHz	1732.5	1	99	16QAM	19.99	21.24
2	20MHz	1880	100	0	16QAM	20.74	21.99	4	20MHz	1732.5	100	0	16QAM	20.17	21.42
2	20MHz	1880	1	99	Q64	20.89	22.14	4	20MHz	1732.5	1	0	Q64	20.38	21.63
2	20MHz	1880	1	0	Q64	20.53	21.78	4	20MHz	1732.5	1	99	Q64	19.95	21.20
2	20MHz	1880	100	0	Q64	19.94	21.19	4	20MHz	1732.5	100	0	Q64	19.39	20.64
2	20MHz	1880	1	99	Q256	18.03	19.28	4	20MHz	1732.5	1	0	Q256	17.52	18.77

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2	20MHz	1880	1	0	Q256	17.73	18.98	4	20MHz	1732.5	1	99	Q256	17.11	18.36
2	20MHz	1880	100	0	Q256	17.95	19.20	4	20MHz	1732.5	100	0	Q256	17.39	18.64

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LTE CA_2A-12A

PCC Power (dBm)								SCC Power (dBm)							
EIRP Limits: 33dBm								ERP Limits: 34.7dBm							
Max EIRP:25.63dBm								Max ERP :23.48dBm							
LTE Band	BW (MHz)	Frequency(MHz)	RB No	RB offset	Modulation	AVG Power (dBm)	EIRP (dBm)=AVG Power+Gain(1.25dBi)	LTE Band	BW (MHz)	Frequency(MHz)	RB No	RB offset	Modulation	AVG Power (dBm)	EIRP (dBm)=AVG Power+Gain(2.86dBi)
2	5MHz	1880	1	24	QPSK	21.34	22.59	12	3MHz	707.5	1	0	QPSK	22.35	23.06
2	5MHz	1880	1	0	QPSK	21.36	22.61	12	3MHz	707.5	1	14	QPSK	22.48	23.19
2	5MHz	1880	25	0	QPSK	21.37	22.62	12	3MHz	707.5	15	0	QPSK	22.45	23.16
2	5MHz	1880	1	24	16QAM	21.34	22.59	12	3MHz	707.5	1	0	16QAM	22.43	23.14
2	5MHz	1880	1	0	16QAM	21.35	22.6	12	3MHz	707.5	1	14	16QAM	22.58	23.29
2	5MHz	1880	25	0	16QAM	21.13	22.38	12	3MHz	707.5	15	0	16QAM	22.23	22.94
2	5MHz	1880	1	24	Q64	21.11	22.36	12	3MHz	707.5	1	0	Q64	22.07	22.78
2	5MHz	1880	1	0	Q64	21	22.25	12	3MHz	707.5	1	14	Q64	22.27	22.98
2	5MHz	1880	25	0	Q64	20.17	21.42	12	3MHz	707.5	15	0	Q64	21.2	21.91
2	5MHz	1880	1	24	Q256	18.53	19.78	12	3MHz	707.5	1	0	Q256	19.13	19.84
2	5MHz	1880	1	0	Q256	18.09	19.34	12	3MHz	707.5	1	14	Q256	19.3	20.01
2	5MHz	1880	25	0	Q256	18.12	19.37	12	3MHz	707.5	15	0	Q256	19.2	19.91
2	5MHz	1880	1	24	QPSK	21.37	22.62	12	5MHz	707.5	1	0	QPSK	22.32	23.03
2	5MHz	1880	1	0	QPSK	21.39	22.64	12	5MHz	707.5	1	24	QPSK	22.62	23.33
2	5MHz	1880	25	0	QPSK	21.42	22.67	12	5MHz	707.5	25	0	QPSK	22.5	23.21
2	5MHz	1880	1	24	16QAM	21.2	22.45	12	5MHz	707.5	1	0	16QAM	22.43	23.14
2	5MHz	1880	1	0	16QAM	21.39	22.64	12	5MHz	707.5	1	24	16QAM	22.67	23.38
2	5MHz	1880	25	0	16QAM	20.68	21.93	12	5MHz	707.5	25	0	16QAM	21.95	22.66
2	5MHz	1880	1	24	Q64	20.63	21.88	12	5MHz	707.5	1	0	Q64	21.82	22.53
2	5MHz	1880	1	0	Q64	20.95	22.2	12	5MHz	707.5	1	24	Q64	22.28	22.99
2	5MHz	1880	25	0	Q64	19.71	20.96	12	5MHz	707.5	25	0	Q64	20.98	21.69
2	5MHz	1880	1	24	Q256	17.59	18.84	12	5MHz	707.5	1	0	Q256	18.72	19.43
2	5MHz	1880	1	0	Q256	17.68	18.93	12	5MHz	707.5	1	24	Q256	19.11	19.82

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2	5MHz	1880	25	0	Q256	17.7	18.95	12	5MHz	707.5	25	0	Q256	18.98	19.69
2	5MHz	1880	1	24	QPSK	21.3	22.55	12	10MHz	707.5	1	0	QPSK	22.19	22.90
2	5MHz	1880	1	0	QPSK	21.35	22.6	12	10MHz	707.5	1	49	QPSK	22.64	23.35
2	5MHz	1880	25	0	QPSK	21.38	22.63	12	10MHz	707.5	50	0	QPSK	22.48	23.19
2	5MHz	1880	1	24	16QAM	21.25	22.5	12	10MHz	707.5	1	0	16QAM	22.31	23.02
2	5MHz	1880	1	0	16QAM	21.37	22.62	12	10MHz	707.5	1	49	16QAM	22.77	23.48
2	5MHz	1880	25	0	16QAM	20.74	21.99	12	10MHz	707.5	50	0	16QAM	21.97	22.68
2	5MHz	1880	1	24	Q64	20.68	21.93	12	10MHz	707.5	1	0	Q64	21.71	22.42
2	5MHz	1880	1	0	Q64	20.99	22.24	12	10MHz	707.5	1	49	Q64	22.39	23.10
2	5MHz	1880	25	0	Q64	19.52	20.77	12	10MHz	707.5	50	0	Q64	20.97	21.68
2	5MHz	1880	1	24	Q256	17.6	18.85	12	10MHz	707.5	1	0	Q256	18.57	19.28
2	5MHz	1880	1	0	Q256	18.07	19.32	12	10MHz	707.5	1	49	Q256	19.42	20.13
2	5MHz	1880	25	0	Q256	18.05	19.3	12	10MHz	707.5	50	0	Q256	19.15	19.86
2	10MHz	1880	1	49	QPSK	21.27	22.52	12	3MHz	707.5	1	0	QPSK	22.38	23.09
2	10MHz	1880	1	0	QPSK	21.22	22.47	12	3MHz	707.5	1	14	QPSK	22.48	23.19
2	10MHz	1880	50	0	QPSK	21.43	22.68	12	3MHz	707.5	15	0	QPSK	22.48	23.19
2	10MHz	1880	1	49	16QAM	20.89	22.14	12	3MHz	707.5	1	0	16QAM	22.31	23.02
2	10MHz	1880	1	0	16QAM	21.3	22.55	12	3MHz	707.5	1	14	16QAM	22.49	23.20
2	10MHz	1880	50	0	16QAM	21.18	22.43	12	3MHz	707.5	15	0	16QAM	22.19	22.90
2	10MHz	1880	1	49	Q64	20.25	21.5	12	3MHz	707.5	1	0	Q64	22.22	22.93
2	10MHz	1880	1	0	Q64	20.98	22.23	12	3MHz	707.5	1	14	Q64	22.3	23.01
2	10MHz	1880	50	0	Q64	20.18	21.43	12	3MHz	707.5	15	0	Q64	21.2	21.91
2	10MHz	1880	1	49	Q256	17.93	19.18	12	3MHz	707.5	1	0	Q256	18.92	19.63
2	10MHz	1880	1	0	Q256	17.94	19.19	12	3MHz	707.5	1	14	Q256	19.15	19.86
2	10MHz	1880	50	0	Q256	18.2	19.45	12	3MHz	707.5	15	0	Q256	19.19	19.90
2	10MHz	1880	1	49	QPSK	21.27	22.52	12	5MHz	707.5	1	0	QPSK	22.34	23.05
2	10MHz	1880	1	0	QPSK	21.2	22.45	12	5MHz	707.5	1	24	QPSK	22.61	23.32
2	10MHz	1880	50	0	QPSK	21.4	22.65	12	5MHz	707.5	25	0	QPSK	22.47	23.18
2	10MHz	1880	1	49	16QAM	20.74	21.99	12	5MHz	707.5	1	0	16QAM	22.13	22.84
2	10MHz	1880	1	0	16QAM	21.17	22.42	12	5MHz	707.5	1	24	16QAM	22.5	23.21
2	10MHz	1880	50	0	16QAM	21.11	22.36	12	5MHz	707.5	25	0	16QAM	20.56	21.27

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2	10MHz	1880	1	49	Q64	19.87	21.12	12	5MHz	707.5	1	0	Q64	21.75	22.46
2	10MHz	1880	1	0	Q64	20.63	21.88	12	5MHz	707.5	1	24	Q64	22.11	22.82
2	10MHz	1880	50	0	Q64	19.76	21.01	12	5MHz	707.5	25	0	Q64	20.92	21.63
2	10MHz	1880	1	49	Q256	17.45	18.7	12	5MHz	707.5	1	0	Q256	18.73	19.44
2	10MHz	1880	1	0	Q256	17.89	19.14	12	5MHz	707.5	1	24	Q256	19.23	19.94
2	10MHz	1880	50	0	Q256	18.16	19.41	12	5MHz	707.5	25	0	Q256	19.13	19.84
2	10MHz	1880	1	49	QPSK	21.28	22.53	12	10MHz	707.5	1	0	QPSK	22.24	22.95
2	10MHz	1880	1	0	QPSK	21.23	22.48	12	10MHz	707.5	1	49	QPSK	22.66	23.37
2	10MHz	1880	50	0	QPSK	21.02	22.27	12	10MHz	707.5	50	0	QPSK	22.28	22.99
2	10MHz	1880	1	49	16QAM	20.39	21.64	12	10MHz	707.5	1	0	16QAM	21.88	22.59
2	10MHz	1880	1	0	16QAM	20.78	22.03	12	10MHz	707.5	1	49	16QAM	22.36	23.07
2	10MHz	1880	50	0	16QAM	20.79	22.04	12	10MHz	707.5	50	0	16QAM	21.96	22.67
2	10MHz	1880	1	49	Q64	19.68	20.93	12	10MHz	707.5	1	0	Q64	21.83	22.54
2	10MHz	1880	1	0	Q64	20.63	21.88	12	10MHz	707.5	1	49	Q64	22.17	22.88
2	10MHz	1880	50	0	Q64	20.11	21.36	12	10MHz	707.5	50	0	Q64	19.87	20.58
2	10MHz	1880	1	49	Q256	17.43	18.68	12	10MHz	707.5	1	0	Q256	18.56	19.27
2	10MHz	1880	1	0	Q256	18.1	19.35	12	10MHz	707.5	1	49	Q256	18.54	19.25
2	10MHz	1880	50	0	Q256	18.13	19.38	12	10MHz	707.5	50	0	Q256	18.72	19.43
2	15MHz	1880	1	74	QPSK	21.11	22.36	12	3MHz	707.5	1	0	QPSK	22.04	22.75
2	15MHz	1880	1	0	QPSK	21.37	22.62	12	3MHz	707.5	1	14	QPSK	21.94	22.65
2	15MHz	1880	75	0	QPSK	21.42	22.67	12	3MHz	707.5	15	0	QPSK	22.01	22.72
2	15MHz	1880	1	74	16QAM	21.15	22.4	12	3MHz	707.5	1	0	16QAM	21.99	22.70
2	15MHz	1880	1	0	16QAM	21.51	22.76	12	3MHz	707.5	1	14	16QAM	21.84	22.55
2	15MHz	1880	75	0	16QAM	21.1	22.35	12	3MHz	707.5	15	0	16QAM	21.78	22.49
2	15MHz	1880	1	74	Q64	20.91	22.16	12	3MHz	707.5	1	0	Q64	21.81	22.52
2	15MHz	1880	1	0	Q64	21.24	22.49	12	3MHz	707.5	1	14	Q64	21.68	22.39
2	15MHz	1880	75	0	Q64	20.16	21.41	12	3MHz	707.5	15	0	Q64	20.75	21.46
2	15MHz	1880	1	74	Q256	17.93	19.18	12	3MHz	707.5	1	0	Q256	18.7	19.41
2	15MHz	1880	1	0	Q256	18.2	19.45	12	3MHz	707.5	1	14	Q256	18.54	19.25
2	15MHz	1880	75	0	Q256	18.2	19.45	12	3MHz	707.5	15	0	Q256	18.74	19.45
2	15MHz	1880	1	74	QPSK	21.16	22.41	12	5MHz	707.5	1	0	QPSK	22.08	22.79

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2	15MHz	1880	1	0	QPSK	21.51	22.76	12	5MHz	707.5	1	24	QPSK	21.96	22.67
2	15MHz	1880	75	0	QPSK	21.46	22.71	12	5MHz	707.5	25	0	QPSK	22.04	22.75
2	15MHz	1880	1	74	16QAM	21.35	22.6	12	5MHz	707.5	1	0	16QAM	22.02	22.73
2	15MHz	1880	1	0	16QAM	21.43	22.68	12	5MHz	707.5	1	24	16QAM	21.87	22.58
2	15MHz	1880	75	0	16QAM	21.21	22.46	12	5MHz	707.5	25	0	16QAM	21.03	21.74
2	15MHz	1880	1	74	Q64	20.4	21.65	12	5MHz	707.5	1	0	Q64	21.64	22.35
2	15MHz	1880	1	0	Q64	20.73	21.98	12	5MHz	707.5	1	24	Q64	21.52	22.23
2	15MHz	1880	75	0	Q64	20.12	21.37	12	5MHz	707.5	25	0	Q64	20.68	21.39
2	15MHz	1880	1	74	Q256	17.92	19.17	12	5MHz	707.5	1	0	Q256	18.71	19.42
2	15MHz	1880	1	0	Q256	18.15	19.4	12	5MHz	707.5	1	24	Q256	18.59	19.30
2	15MHz	1880	75	0	Q256	18.17	19.42	12	5MHz	707.5	25	0	Q256	18.69	19.40
2	15MHz	1880	1	74	QPSK	21.17	22.42	12	10MHz	707.5	1	0	QPSK	22.28	22.99
2	15MHz	1880	1	0	QPSK	21.45	22.7	12	10MHz	707.5	1	49	QPSK	21.81	22.52
2	15MHz	1880	75	0	QPSK	21.41	22.66	12	10MHz	707.5	50	0	QPSK	22.09	22.80
2	15MHz	1880	1	74	16QAM	21.3	22.55	12	10MHz	707.5	1	0	16QAM	22.16	22.87
2	15MHz	1880	1	0	16QAM	21.41	22.66	12	10MHz	707.5	1	49	16QAM	21.7	22.41
2	15MHz	1880	75	0	16QAM	20.7	21.95	12	10MHz	707.5	50	0	16QAM	21.56	22.27
2	15MHz	1880	1	74	Q64	20.44	21.69	12	10MHz	707.5	1	0	Q64	21.74	22.45
2	15MHz	1880	1	0	Q64	21.17	22.42	12	10MHz	707.5	1	49	Q64	21.51	22.22
2	15MHz	1880	75	0	Q64	20.11	21.36	12	10MHz	707.5	50	0	Q64	20.76	21.47
2	15MHz	1880	1	74	Q256	17.76	19.01	12	10MHz	707.5	1	0	Q256	18.73	19.44
2	15MHz	1880	1	0	Q256	18.11	19.36	12	10MHz	707.5	1	49	Q256	18.45	19.16
2	15MHz	1880	75	0	Q256	18.11	19.36	12	10MHz	707.5	50	0	Q256	18.75	19.46
2	20MHz	1880	1	99	QPSK	21.25	22.5	12	3MHz	707.5	1	0	QPSK	22.07	22.78
2	20MHz	1880	1	0	QPSK	21.47	22.72	12	3MHz	707.5	1	14	QPSK	21.9	22.61
2	20MHz	1880	100	0	QPSK	21.48	22.73	12	3MHz	707.5	15	0	QPSK	22.04	22.75
2	20MHz	1880	1	99	16QAM	21.33	22.58	12	3MHz	707.5	1	0	16QAM	22.12	22.83
2	20MHz	1880	1	0	16QAM	21.53	22.78	12	3MHz	707.5	1	14	16QAM	21.89	22.60
2	20MHz	1880	100	0	16QAM	21.28	22.53	12	3MHz	707.5	15	0	16QAM	21.74	22.45
2	20MHz	1880	1	99	Q64	21.03	22.28	12	3MHz	707.5	1	0	Q64	21.77	22.48
2	20MHz	1880	1	0	Q64	21.19	22.44	12	3MHz	707.5	1	14	Q64	21.64	22.35

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2	20MHz	1880	100	0	Q64	20.21	21.46	12	3MHz	707.5	15	0	Q64	20.74	21.45
2	20MHz	1880	1	99	Q256	17.92	19.17	12	3MHz	707.5	1	0	Q256	18.66	19.37
2	20MHz	1880	1	0	Q256	18.2	19.45	12	3MHz	707.5	1	14	Q256	18.53	19.24
2	20MHz	1880	100	0	Q256	18.21	19.46	12	3MHz	707.5	15	0	Q256	18.71	19.42
2	20MHz	1880	1	99	QPSK	21.31	22.56	12	5MHz	707.5	1	0	QPSK	22.12	22.83
2	20MHz	1880	1	0	QPSK	21.46	22.71	12	5MHz	707.5	1	24	QPSK	21.96	22.67
2	20MHz	1880	100	0	QPSK	21.45	22.7	12	5MHz	707.5	25	0	QPSK	22.06	22.77
2	20MHz	1880	1	99	16QAM	21.31	22.56	12	5MHz	707.5	1	0	16QAM	22.17	22.88
2	20MHz	1880	1	0	16QAM	21.54	22.79	12	5MHz	707.5	1	24	16QAM	22.01	22.72
2	20MHz	1880	100	0	16QAM	21.32	22.57	12	5MHz	707.5	25	0	16QAM	21.78	22.49
2	20MHz	1880	1	99	Q64	20.92	22.17	12	5MHz	707.5	1	0	Q64	21.92	22.63
2	20MHz	1880	1	0	Q64	21.12	22.37	12	5MHz	707.5	1	24	Q64	21.79	22.50
2	20MHz	1880	100	0	Q64	20.24	21.49	12	5MHz	707.5	25	0	Q64	20.79	21.50
2	20MHz	1880	1	99	Q256	17.87	19.12	12	5MHz	707.5	1	0	Q256	18.77	19.48
2	20MHz	1880	1	0	Q256	18.18	19.43	12	5MHz	707.5	1	24	Q256	18.61	19.32
2	20MHz	1880	100	0	Q256	18.22	19.47	12	5MHz	707.5	25	0	Q256	18.75	19.46
2	20MHz	1880	1	99	QPSK	21.31	22.56	12	10MHz	707.5	1	0	QPSK	22.27	22.98
2	20MHz	1880	1	0	QPSK	21.45	22.7	12	10MHz	707.5	1	49	QPSK	21.81	22.52
2	20MHz	1880	100	0	QPSK	21.48	22.73	12	10MHz	707.5	50	0	QPSK	22.11	22.82
2	20MHz	1880	1	99	16QAM	21.34	22.59	12	10MHz	707.5	1	0	16QAM	22.32	23.03
2	20MHz	1880	1	0	16QAM	21.46	22.71	12	10MHz	707.5	1	49	16QAM	21.81	22.52
2	20MHz	1880	100	0	16QAM	21.26	22.51	12	10MHz	707.5	50	0	16QAM	21.78	22.49
2	20MHz	1880	1	99	Q64	20.96	22.21	12	10MHz	707.5	1	0	Q64	22.07	22.78
2	20MHz	1880	1	0	Q64	21.16	22.41	12	10MHz	707.5	1	49	Q64	21.65	22.36
2	20MHz	1880	100	0	Q64	20.2	21.45	12	10MHz	707.5	50	0	Q64	20.79	21.50
2	20MHz	1880	1	99	Q256	17.93	19.18	12	10MHz	707.5	1	0	Q256	18.88	19.59
2	20MHz	1880	1	0	Q256	18.14	19.39	12	10MHz	707.5	1	49	Q256	18.53	19.24
2	20MHz	1880	100	0	Q256	18.25	19.5	12	10MHz	707.5	50	0	Q256	18.78	19.49

LTE CA_2A-66A

Limits 30dBm(1w)

Max EIRP:22.58dBm

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PCC Power (dBm)								SCC Power (dBm)							
EIRP Limits: 33dBm								EIRP Limits: 30dBm							
Max EIRP:25.63dBm								Max EIRP :23.48dBm							
LTE Band	BW (MHz)	Frequency(MHz)	RB No	RB offset	Modulation	AVG Power (dBm)	EIRP (dBm)=AVG Power+Gain(1.25dBi)	LTE Band	BW (MHz)	Frequency(MHz)	RB No	RB offset	Modulation	AVG Power (dBm)	EIRP (dBm)=AVG Power+Gain(1.25dBi)
2	1.4MHz	1880	1	5	QPSK	20.72	21.97	66	5MHz	1745	1	0	QPSK	20.17	21.42
2	1.4MHz	1880	1	0	QPSK	20.85	22.10	66	5MHz	1745	1	24	QPSK	20.18	21.43
2	1.4MHz	1880	6	0	QPSK	20.83	22.08	66	5MHz	1745	25	0	QPSK	20.18	21.43
2	1.4MHz	1880	1	5	16QAM	20.71	21.96	66	5MHz	1745	1	0	16QAM	20.19	21.44
2	1.4MHz	1880	1	0	16QAM	20.93	22.18	66	5MHz	1745	1	24	16QAM	20.20	21.45
2	1.4MHz	1880	6	0	16QAM	20.86	22.11	66	5MHz	1745	25	0	16QAM	20.20	21.45
2	1.4MHz	1880	1	5	Q64	20.72	21.97	66	5MHz	1745	1	0	Q64	20.31	21.56
2	1.4MHz	1880	1	0	Q64	20.87	22.12	66	5MHz	1745	1	24	Q64	20.17	21.42
2	1.4MHz	1880	6	0	Q64	20.06	21.31	66	5MHz	1745	25	0	Q64	19.43	20.68
2	1.4MHz	1880	1	5	Q256	17.92	19.17	66	5MHz	1745	1	0	Q256	17.55	18.80
2	1.4MHz	1880	1	0	Q256	18.14	19.39	66	5MHz	1745	1	24	Q256	17.34	18.59
2	1.4MHz	1880	6	0	Q256	18.04	19.29	66	5MHz	1745	25	0	Q256	17.41	18.66
2	1.4MHz	1880	1	5	QPSK	20.69	21.94	66	10MHz	1745	1	0	QPSK	20.20	21.45
2	1.4MHz	1880	1	0	QPSK	20.85	22.10	66	10MHz	1745	1	49	QPSK	20.21	21.46
2	1.4MHz	1880	6	0	QPSK	20.80	22.05	66	10MHz	1745	50	0	QPSK	20.26	21.51
2	1.4MHz	1880	1	5	16QAM	20.65	21.90	66	10MHz	1745	1	0	16QAM	20.21	21.46
2	1.4MHz	1880	1	0	16QAM	20.78	22.03	66	10MHz	1745	1	49	16QAM	20.27	21.52
2	1.4MHz	1880	6	0	16QAM	20.80	22.05	66	10MHz	1745	50	0	16QAM	20.26	21.51
2	1.4MHz	1880	1	5	Q64	20.77	22.02	66	10MHz	1745	1	0	Q64	20.30	21.55
2	1.4MHz	1880	1	0	Q64	20.88	22.13	66	10MHz	1745	1	49	Q64	20.35	21.60
2	1.4MHz	1880	6	0	Q64	19.98	21.23	66	10MHz	1745	50	0	Q64	19.49	20.74
2	1.4MHz	1880	1	5	Q256	17.92	19.17	66	10MHz	1745	1	0	Q256	17.49	18.74
2	1.4MHz	1880	1	0	Q256	17.99	19.24	66	10MHz	1745	1	49	Q256	17.44	18.69
2	1.4MHz	1880	6	0	Q256	17.99	19.24	66	10MHz	1745	50	0	Q256	17.46	18.71
2	1.4MHz	1880	1	5	QPSK	20.69	21.94	66	15MHz	1745	1	0	QPSK	20.11	21.36
2	1.4MHz	1880	1	0	QPSK	20.83	22.08	66	15MHz	1745	1	74	QPSK	20.14	21.39
2	1.4MHz	1880	6	0	QPSK	20.79	22.04	66	15MHz	1745	75	0	QPSK	20.13	21.38
2	1.4MHz	1880	1	5	16QAM	20.80	22.05	66	15MHz	1745	1	0	16QAM	20.17	21.42
2	1.4MHz	1880	1	0	16QAM	20.83	22.08	66	15MHz	1745	1	74	16QAM	20.11	21.36
2	1.4MHz	1880	6	0	16QAM	20.79	22.04	66	15MHz	1745	75	0	16QAM	20.15	21.40
2	1.4MHz	1880	1	5	Q64	20.77	22.02	66	15MHz	1745	1	0	Q64	20.30	21.55

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2	1.4MHz	1880	1	0	Q64	20.86	22.11	66	15MHz	1745	1	74	Q64	20.17	21.42
2	1.4MHz	1880	6	0	Q64	20.00	21.25	66	15MHz	1745	75	0	Q64	19.34	20.59
2	1.4MHz	1880	1	5	Q256	17.82	19.07	66	15MHz	1745	1	0	Q256	17.46	18.71
2	1.4MHz	1880	1	0	Q256	18.02	19.27	66	15MHz	1745	1	74	Q256	17.34	18.59
2	1.4MHz	1880	6	0	Q256	17.98	19.23	66	15MHz	1745	75	0	Q256	17.37	18.62
2	1.4MHz	1880	1	5	QPSK	20.72	21.97	66	20MHz	1745	1	0	QPSK	20.34	21.59
2	1.4MHz	1880	1	0	QPSK	20.81	22.06	66	20MHz	1745	1	99	QPSK	20.22	21.47
2	1.4MHz	1880	6	0	QPSK	20.81	22.06	66	20MHz	1745	100	0	QPSK	20.21	21.46
2	1.4MHz	1880	1	5	16QAM	20.70	21.95	66	20MHz	1745	1	0	16QAM	20.27	21.52
2	1.4MHz	1880	1	0	16QAM	20.80	22.05	66	20MHz	1745	1	99	16QAM	20.22	21.47
2	1.4MHz	1880	6	0	16QAM	20.81	22.06	66	20MHz	1745	100	0	16QAM	20.22	21.47
2	1.4MHz	1880	1	5	Q64	20.71	21.96	66	20MHz	1745	1	0	Q64	20.27	21.52
2	1.4MHz	1880	1	0	Q64	20.82	22.07	66	20MHz	1745	1	99	Q64	20.35	21.60
2	1.4MHz	1880	6	0	Q64	20.01	21.26	66	20MHz	1745	100	0	Q64	19.44	20.69
2	1.4MHz	1880	1	5	Q256	17.90	19.15	66	20MHz	1745	1	0	Q256	17.58	18.83
2	1.4MHz	1880	1	0	Q256	18.00	19.25	66	20MHz	1745	1	99	Q256	17.42	18.67
2	1.4MHz	1880	6	0	Q256	18.03	19.28	66	20MHz	1745	100	0	Q256	17.44	18.69
2	3MHz	1880	1	14	QPSK	20.69	21.94	66	5MHz	1745	1	0	QPSK	20.27	21.52
2	3MHz	1880	1	0	QPSK	20.93	22.18	66	5MHz	1745	1	24	QPSK	20.26	21.51
2	3MHz	1880	15	0	QPSK	20.81	22.06	66	5MHz	1745	25	0	QPSK	20.23	21.48
2	3MHz	1880	1	14	16QAM	20.72	21.97	66	5MHz	1745	1	0	16QAM	20.19	21.44
2	3MHz	1880	1	0	16QAM	21.01	22.26	66	5MHz	1745	1	24	16QAM	20.18	21.43
2	3MHz	1880	15	0	16QAM	20.85	22.10	66	5MHz	1745	25	0	16QAM	20.25	21.50
2	3MHz	1880	1	14	Q64	20.74	21.99	66	5MHz	1745	1	0	Q64	20.39	21.64
2	3MHz	1880	1	0	Q64	21.09	22.34	66	5MHz	1745	1	24	Q64	20.38	21.63
2	3MHz	1880	15	0	Q64	20.06	21.31	66	5MHz	1745	25	0	Q64	19.47	20.72
2	3MHz	1880	1	14	Q256	17.92	19.17	66	5MHz	1745	1	0	Q256	17.46	18.71
2	3MHz	1880	1	0	Q256	18.12	19.37	66	5MHz	1745	1	24	Q256	17.38	18.63
2	3MHz	1880	15	0	Q256	18.03	19.28	66	5MHz	1745	25	0	Q256	17.45	18.70
2	3MHz	1880	1	14	QPSK	20.66	21.91	66	10MHz	1745	1	0	QPSK	20.23	21.48
2	3MHz	1880	1	0	QPSK	20.96	22.21	66	10MHz	1745	1	49	QPSK	20.24	21.49
2	3MHz	1880	15	0	QPSK	20.82	22.07	66	10MHz	1745	50	0	QPSK	20.24	21.49
2	3MHz	1880	1	14	16QAM	20.73	21.98	66	10MHz	1745	1	0	16QAM	20.11	21.36
2	3MHz	1880	1	0	16QAM	20.96	22.21	66	10MHz	1745	1	49	16QAM	20.12	21.37
2	3MHz	1880	15	0	16QAM	20.85	22.10	66	10MHz	1745	50	0	16QAM	20.26	21.51
2	3MHz	1880	1	14	Q64	20.77	22.02	66	10MHz	1745	1	0	Q64	20.31	21.56
2	3MHz	1880	1	0	Q64	21.10	22.35	66	10MHz	1745	1	49	Q64	20.35	21.60

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2	3MHz	1880	15	0	Q64	20.06	21.31	66	10MHz	1745	50	0	Q64	19.45	20.70
2	3MHz	1880	1	14	Q256	17.89	19.14	66	10MHz	1745	1	0	Q256	17.49	18.74
2	3MHz	1880	1	0	Q256	18.16	19.41	66	10MHz	1745	1	49	Q256	17.39	18.64
2	3MHz	1880	15	0	Q256	18.04	19.29	66	10MHz	1745	50	0	Q256	17.46	18.71
2	3MHz	1880	1	14	QPSK	20.67	21.92	66	15MHz	1745	1	0	QPSK	20.17	21.42
2	3MHz	1880	1	0	QPSK	20.94	22.19	66	15MHz	1745	1	74	QPSK	20.20	21.45
2	3MHz	1880	15	0	QPSK	20.83	22.08	66	15MHz	1745	75	0	QPSK	20.15	21.40
2	3MHz	1880	1	14	16QAM	20.70	21.95	66	15MHz	1745	1	0	16QAM	20.25	21.50
2	3MHz	1880	1	0	16QAM	20.87	22.12	66	15MHz	1745	1	74	16QAM	20.19	21.44
2	3MHz	1880	15	0	16QAM	20.85	22.10	66	15MHz	1745	75	0	16QAM	20.16	21.41
2	3MHz	1880	1	14	Q64	20.66	21.91	66	15MHz	1745	1	0	Q64	20.21	21.46
2	3MHz	1880	1	0	Q64	20.87	22.12	66	15MHz	1745	1	74	Q64	20.11	21.36
2	3MHz	1880	15	0	Q64	20.02	21.27	66	15MHz	1745	75	0	Q64	19.38	20.63
2	3MHz	1880	1	14	Q256	17.77	19.02	66	15MHz	1745	1	0	Q256	17.48	18.73
2	3MHz	1880	1	0	Q256	18.06	19.31	66	15MHz	1745	1	74	Q256	17.35	18.60
2	3MHz	1880	15	0	Q256	18.02	19.27	66	15MHz	1745	75	0	Q256	17.37	18.62
2	3MHz	1880	1	14	QPSK	20.63	21.88	66	20MHz	1745	1	0	QPSK	20.28	21.53
2	3MHz	1880	1	0	QPSK	20.90	22.15	66	20MHz	1745	1	99	QPSK	20.25	21.50
2	3MHz	1880	15	0	QPSK	20.75	22.00	66	20MHz	1745	100	0	QPSK	20.21	21.46
2	3MHz	1880	1	14	16QAM	20.63	21.88	66	20MHz	1745	1	0	16QAM	20.19	21.44
2	3MHz	1880	1	0	16QAM	20.96	22.21	66	20MHz	1745	1	99	16QAM	20.29	21.54
2	3MHz	1880	15	0	16QAM	20.78	22.03	66	20MHz	1745	100	0	16QAM	20.22	21.47
2	3MHz	1880	1	14	Q64	20.71	21.96	66	20MHz	1745	1	0	Q64	20.43	21.68
2	3MHz	1880	1	0	Q64	20.94	22.19	66	20MHz	1745	1	99	Q64	20.29	21.54
2	3MHz	1880	15	0	Q64	20.00	21.25	66	20MHz	1745	100	0	Q64	19.41	20.66
2	3MHz	1880	1	14	Q256	17.81	19.06	66	20MHz	1745	1	0	Q256	17.46	18.71
2	3MHz	1880	1	0	Q256	18.14	19.39	66	20MHz	1745	1	99	Q256	17.32	18.57
2	3MHz	1880	15	0	Q256	17.99	19.24	66	20MHz	1745	100	0	Q256	17.43	18.68
2	5MHz	1880	1	24	QPSK	20.76	22.01	66	5MHz	1745	1	0	QPSK	20.24	21.49
2	5MHz	1880	1	0	QPSK	20.97	22.22	66	5MHz	1745	1	24	QPSK	20.24	21.49
2	5MHz	1880	25	0	QPSK	20.85	22.10	66	5MHz	1745	25	0	QPSK	20.21	21.46
2	5MHz	1880	1	24	16QAM	20.75	22.00	66	5MHz	1745	1	0	16QAM	20.32	21.57
2	5MHz	1880	1	0	16QAM	20.98	22.23	66	5MHz	1745	1	24	16QAM	20.27	21.52
2	5MHz	1880	25	0	16QAM	20.45	21.70	66	5MHz	1745	25	0	16QAM	20.16	21.41
2	5MHz	1880	1	24	Q64	20.28	21.53	66	5MHz	1745	1	0	Q64	20.32	21.57
2	5MHz	1880	1	0	Q64	20.53	21.78	66	5MHz	1745	1	24	Q64	20.15	21.40
2	5MHz	1880	25	0	Q64	19.65	20.90	66	5MHz	1745	25	0	Q64	19.38	20.63

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2	5MHz	1880	1	24	Q256	17.61	18.86	66	5MHz	1745	1	0	Q256	17.53	18.78
2	5MHz	1880	1	0	Q256	17.80	19.05	66	5MHz	1745	1	24	Q256	17.30	18.55
2	5MHz	1880	25	0	Q256	17.66	18.91	66	5MHz	1745	25	0	Q256	17.42	18.67
2	5MHz	1880	1	24	QPSK	20.67	21.92	66	10MHz	1745	1	0	QPSK	20.21	21.46
2	5MHz	1880	1	0	QPSK	20.91	22.16	66	10MHz	1745	1	49	QPSK	20.21	21.46
2	5MHz	1880	25	0	QPSK	20.81	22.06	66	10MHz	1745	50	0	QPSK	20.25	21.50
2	5MHz	1880	1	24	16QAM	20.75	22.00	66	10MHz	1745	1	0	16QAM	20.35	21.60
2	5MHz	1880	1	0	16QAM	20.97	22.22	66	10MHz	1745	1	49	16QAM	20.26	21.51
2	5MHz	1880	25	0	16QAM	20.47	21.72	66	10MHz	1745	50	0	16QAM	20.22	21.47
2	5MHz	1880	1	24	Q64	20.38	21.63	66	10MHz	1745	1	0	Q64	20.42	21.67
2	5MHz	1880	1	0	Q64	20.84	22.09	66	10MHz	1745	1	49	Q64	20.31	21.56
2	5MHz	1880	25	0	Q64	19.66	20.91	66	10MHz	1745	50	0	Q64	19.45	20.70
2	5MHz	1880	1	24	Q256	17.64	18.89	66	10MHz	1745	1	0	Q256	17.47	18.72
2	5MHz	1880	1	0	Q256	18.18	19.43	66	10MHz	1745	1	49	Q256	17.37	18.62
2	5MHz	1880	25	0	Q256	18.02	19.27	66	10MHz	1745	50	0	Q256	17.42	18.67
2	5MHz	1880	1	24	QPSK	20.74	21.99	66	15MHz	1745	1	0	QPSK	20.16	21.41
2	5MHz	1880	1	0	QPSK	20.96	22.21	66	15MHz	1745	1	74	QPSK	20.20	21.45
2	5MHz	1880	25	0	QPSK	20.82	22.07	66	15MHz	1745	75	0	QPSK	20.13	21.38
2	5MHz	1880	1	24	16QAM	20.69	21.94	66	15MHz	1745	1	0	16QAM	20.31	21.56
2	5MHz	1880	1	0	16QAM	20.96	22.21	66	15MHz	1745	1	74	16QAM	20.16	21.41
2	5MHz	1880	25	0	16QAM	20.86	22.11	66	15MHz	1745	75	0	16QAM	20.15	21.40
2	5MHz	1880	1	24	Q64	20.66	21.91	66	15MHz	1745	1	0	Q64	20.22	21.47
2	5MHz	1880	1	0	Q64	20.93	22.18	66	15MHz	1745	1	74	Q64	20.19	21.44
2	5MHz	1880	25	0	Q64	20.07	21.32	66	15MHz	1745	75	0	Q64	19.38	20.63
2	5MHz	1880	1	24	Q256	18.04	19.29	66	15MHz	1745	1	0	Q256	17.44	18.69
2	5MHz	1880	1	0	Q256	18.11	19.36	66	15MHz	1745	1	74	Q256	17.45	18.70
2	5MHz	1880	25	0	Q256	18.06	19.31	66	15MHz	1745	75	0	Q256	17.39	18.64
2	5MHz	1880	1	24	QPSK	20.76	22.01	66	20MHz	1745	1	0	QPSK	20.40	21.65
2	5MHz	1880	1	0	QPSK	20.97	22.22	66	20MHz	1745	1	99	QPSK	20.26	21.51
2	5MHz	1880	25	0	QPSK	20.83	22.08	66	20MHz	1745	100	0	QPSK	20.20	21.45
2	5MHz	1880	1	24	16QAM	20.63	21.88	66	20MHz	1745	1	0	16QAM	20.41	21.66
2	5MHz	1880	1	0	16QAM	20.95	22.20	66	20MHz	1745	1	99	16QAM	20.27	21.52
2	5MHz	1880	25	0	16QAM	20.85	22.10	66	20MHz	1745	100	0	16QAM	20.21	21.46
2	5MHz	1880	1	24	Q64	20.73	21.98	66	20MHz	1745	1	0	Q64	20.35	21.60
2	5MHz	1880	1	0	Q64	20.96	22.21	66	20MHz	1745	1	99	Q64	20.32	21.57
2	5MHz	1880	25	0	Q64	20.08	21.33	66	20MHz	1745	100	0	Q64	19.41	20.66
2	5MHz	1880	1	24	Q256	17.94	19.19	66	20MHz	1745	1	0	Q256	17.64	18.89

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2	5MHz	1880	1	0	Q256	18.19	19.44	66	20MHz	1745	1	99	Q256	17.28	18.53
2	5MHz	1880	25	0	Q256	18.04	19.29	66	20MHz	1745	100	0	Q256	17.43	18.68
2	10MHz	1880	1	49	QPSK	20.70	21.95	66	5MHz	1745	1	0	QPSK	20.27	21.52
2	10MHz	1880	1	0	QPSK	21.04	22.29	66	5MHz	1745	1	24	QPSK	20.25	21.50
2	10MHz	1880	50	0	QPSK	20.90	22.15	66	5MHz	1745	25	0	QPSK	20.24	21.49
2	10MHz	1880	1	49	16QAM	20.78	22.03	66	5MHz	1745	1	0	16QAM	20.19	21.44
2	10MHz	1880	1	0	16QAM	21.07	22.32	66	5MHz	1745	1	24	16QAM	20.17	21.42
2	10MHz	1880	50	0	16QAM	20.53	21.78	66	5MHz	1745	25	0	16QAM	20.24	21.49
2	10MHz	1880	1	49	Q64	20.49	21.74	66	5MHz	1745	1	0	Q64	20.41	21.66
2	10MHz	1880	1	0	Q64	21.10	22.35	66	5MHz	1745	1	24	Q64	20.34	21.59
2	10MHz	1880	50	0	Q64	20.07	21.32	66	5MHz	1745	25	0	Q64	19.78	21.03
2	10MHz	1880	1	49	Q256	17.45	18.70	66	5MHz	1745	1	0	Q256	17.44	18.69
2	10MHz	1880	1	0	Q256	18.21	19.46	66	5MHz	1745	1	24	Q256	17.30	18.55
2	10MHz	1880	50	0	Q256	18.07	19.32	66	5MHz	1745	25	0	Q256	17.38	18.63
2	10MHz	1880	1	49	QPSK	20.94	22.19	66	10MHz	1745	1	0	QPSK	20.52	21.77
2	10MHz	1880	1	0	QPSK	21.22	22.47	66	10MHz	1745	1	49	QPSK	20.50	21.75
2	10MHz	1880	50	0	QPSK	20.67	21.92	66	10MHz	1745	50	0	QPSK	20.40	21.65
2	10MHz	1880	1	49	16QAM	20.65	21.90	66	10MHz	1745	1	0	16QAM	20.34	21.59
2	10MHz	1880	1	0	16QAM	20.90	22.15	66	10MHz	1745	1	49	16QAM	20.18	21.43
2	10MHz	1880	50	0	16QAM	20.68	21.93	66	10MHz	1745	50	0	16QAM	20.41	21.66
2	10MHz	1880	1	49	Q64	20.66	21.91	66	10MHz	1745	1	0	Q64	20.48	21.73
2	10MHz	1880	1	0	Q64	21.24	22.49	66	10MHz	1745	1	49	Q64	20.52	21.77
2	10MHz	1880	50	0	Q64	20.26	21.51	66	10MHz	1745	50	0	Q64	19.70	20.95
2	10MHz	1880	1	49	Q256	18.10	19.35	66	10MHz	1745	1	0	Q256	17.74	18.99
2	10MHz	1880	1	0	Q256	18.46	19.71	66	10MHz	1745	1	49	Q256	17.59	18.84
2	10MHz	1880	50	0	Q256	18.30	19.55	66	10MHz	1745	50	0	Q256	17.72	18.97
2	10MHz	1880	1	49	QPSK	20.99	22.24	66	15MHz	1745	1	0	QPSK	20.24	21.49
2	10MHz	1880	1	0	QPSK	21.21	22.46	66	15MHz	1745	1	74	QPSK	20.14	21.39
2	10MHz	1880	50	0	QPSK	21.07	22.32	66	15MHz	1745	75	0	QPSK	20.15	21.40
2	10MHz	1880	1	49	16QAM	21.00	22.25	66	15MHz	1745	1	0	16QAM	20.15	21.40
2	10MHz	1880	1	0	16QAM	21.30	22.55	66	15MHz	1745	1	74	16QAM	20.06	21.31
2	10MHz	1880	50	0	16QAM	21.09	22.34	66	15MHz	1745	75	0	16QAM	20.15	21.40
2	10MHz	1880	1	49	Q64	21.00	22.25	66	15MHz	1745	1	0	Q64	20.24	21.49
2	10MHz	1880	1	0	Q64	21.33	22.58	66	15MHz	1745	1	74	Q64	20.27	21.52
2	10MHz	1880	50	0	Q64	20.31	21.56	66	15MHz	1745	75	0	Q64	19.40	20.65
2	10MHz	1880	1	49	Q256	18.19	19.44	66	15MHz	1745	1	0	Q256	17.38	18.63
2	10MHz	1880	1	0	Q256	18.48	19.73	66	15MHz	1745	1	74	Q256	17.35	18.60

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2	10MHz	1880	50	0	Q256	18.30	19.55	66	15MHz	1745	75	0	Q256	17.36	18.61
2	10MHz	1880	1	49	QPSK	20.97	22.22	66	20MHz	1745	1	0	QPSK	20.31	21.56
2	10MHz	1880	1	0	QPSK	21.24	22.49	66	20MHz	1745	1	99	QPSK	20.23	21.48
2	10MHz	1880	50	0	QPSK	21.11	22.36	66	20MHz	1745	100	0	QPSK	20.20	21.45
2	10MHz	1880	1	49	16QAM	21.04	22.29	66	20MHz	1745	1	0	16QAM	20.22	21.47
2	10MHz	1880	1	0	16QAM	21.32	22.57	66	20MHz	1745	1	99	16QAM	20.03	21.28
2	10MHz	1880	50	0	16QAM	20.67	21.92	66	20MHz	1745	100	0	16QAM	20.15	21.40
2	10MHz	1880	1	49	Q64	20.62	21.87	66	20MHz	1745	1	0	Q64	20.39	21.64
2	10MHz	1880	1	0	Q64	21.03	22.28	66	20MHz	1745	1	99	Q64	20.70	21.95
2	10MHz	1880	50	0	Q64	20.27	21.52	66	20MHz	1745	100	0	Q64	19.49	20.74
2	10MHz	1880	1	49	Q256	18.26	19.51	66	20MHz	1745	1	0	Q256	17.08	18.33
2	10MHz	1880	1	0	Q256	18.17	19.42	66	20MHz	1745	1	99	Q256	17.62	18.87
2	10MHz	1880	50	0	Q256	18.31	19.56	66	20MHz	1745	100	0	Q256	17.46	18.71
2	15MHz	1880	1	74	QPSK	20.75	22.00	66	5MHz	1745	1	0	QPSK	20.17	21.42
2	15MHz	1880	1	0	QPSK	20.57	21.82	66	5MHz	1745	1	24	QPSK	20.57	21.82
2	15MHz	1880	75	0	QPSK	20.75	22.00	66	5MHz	1745	25	0	QPSK	20.33	21.58
2	15MHz	1880	1	74	16QAM	20.78	22.03	66	5MHz	1745	1	0	16QAM	20.13	21.38
2	15MHz	1880	1	0	16QAM	20.71	21.96	66	5MHz	1745	1	24	16QAM	20.45	21.70
2	15MHz	1880	75	0	16QAM	20.40	21.65	66	5MHz	1745	25	0	16QAM	20.22	21.47
2	15MHz	1880	1	74	Q64	20.39	21.64	66	5MHz	1745	1	0	Q64	20.42	21.67
2	15MHz	1880	1	0	Q64	20.61	21.86	66	5MHz	1745	1	24	Q64	20.64	21.89
2	15MHz	1880	75	0	Q64	19.92	21.17	66	5MHz	1745	25	0	Q64	19.57	20.82
2	15MHz	1880	1	74	Q256	17.87	19.12	66	5MHz	1745	1	0	Q256	17.39	18.64
2	15MHz	1880	1	0	Q256	17.75	19.00	66	5MHz	1745	1	24	Q256	17.64	18.89
2	15MHz	1880	75	0	Q256	17.97	19.22	66	5MHz	1745	25	0	Q256	17.55	18.80
2	15MHz	1880	1	74	QPSK	20.75	22.00	66	10MHz	1745	1	0	QPSK	20.28	21.53
2	15MHz	1880	1	0	QPSK	20.58	21.83	66	10MHz	1745	1	49	QPSK	20.89	22.14
2	15MHz	1880	75	0	QPSK	20.75	22.00	66	10MHz	1745	50	0	QPSK	20.63	21.88
2	15MHz	1880	1	74	16QAM	20.84	22.09	66	10MHz	1745	1	0	16QAM	20.21	21.46
2	15MHz	1880	1	0	16QAM	20.64	21.89	66	10MHz	1745	1	49	16QAM	20.73	21.98
2	15MHz	1880	75	0	16QAM	20.40	21.65	66	10MHz	1745	50	0	16QAM	20.42	21.67
2	15MHz	1880	1	74	Q64	20.52	21.77	66	10MHz	1745	1	0	Q64	20.56	21.81
2	15MHz	1880	1	0	Q64	20.74	21.99	66	10MHz	1745	1	49	Q64	20.99	22.24
2	15MHz	1880	75	0	Q64	19.92	21.17	66	10MHz	1745	50	0	Q64	19.83	21.08
2	15MHz	1880	1	74	Q256	18.04	19.29	66	10MHz	1745	1	0	Q256	17.50	18.75
2	15MHz	1880	1	0	Q256	17.77	19.02	66	10MHz	1745	1	49	Q256	18.03	19.28
2	15MHz	1880	75	0	Q256	17.95	19.20	66	10MHz	1745	50	0	Q256	17.88	19.13

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2	15MHz	1880	1	74	QPSK	20.75	22.00	66	15MHz	1745	1	0	QPSK	19.83	21.08
2	15MHz	1880	1	0	QPSK	20.60	21.85	66	15MHz	1745	1	74	QPSK	20.61	21.86
2	15MHz	1880	75	0	QPSK	20.76	22.01	66	15MHz	1745	75	0	QPSK	20.25	21.50
2	15MHz	1880	1	74	16QAM	20.77	22.02	66	15MHz	1745	1	0	16QAM	19.79	21.04
2	15MHz	1880	1	0	16QAM	20.72	21.97	66	15MHz	1745	1	74	16QAM	20.47	21.72
2	15MHz	1880	75	0	16QAM	20.39	21.64	66	15MHz	1745	75	0	16QAM	20.16	21.41
2	15MHz	1880	1	74	Q64	20.45	21.70	66	15MHz	1745	1	0	Q64	20.40	21.65
2	15MHz	1880	1	0	Q64	20.61	21.86	66	15MHz	1745	1	74	Q64	20.18	21.43
2	15MHz	1880	75	0	Q64	19.90	21.15	66	15MHz	1745	75	0	Q64	19.47	20.72
2	15MHz	1880	1	74	Q256	17.85	19.10	66	15MHz	1745	1	0	Q256	17.07	18.32
2	15MHz	1880	1	0	Q256	17.81	19.06	66	15MHz	1745	1	74	Q256	17.69	18.94
2	15MHz	1880	75	0	Q256	17.92	19.17	66	15MHz	1745	75	0	Q256	17.49	18.74
2	15MHz	1880	1	74	QPSK	20.73	21.98	66	20MHz	1745	1	0	QPSK	19.85	21.10
2	15MHz	1880	1	0	QPSK	20.65	21.90	66	20MHz	1745	1	99	QPSK	20.63	21.88
2	15MHz	1880	75	0	QPSK	20.79	22.04	66	20MHz	1745	100	0	QPSK	20.25	21.50
2	15MHz	1880	1	74	16QAM	20.83	22.08	66	20MHz	1745	1	0	16QAM	19.87	21.12
2	15MHz	1880	1	0	16QAM	20.65	21.90	66	20MHz	1745	1	99	16QAM	20.38	21.63
2	15MHz	1880	75	0	16QAM	20.78	22.03	66	20MHz	1745	100	0	16QAM	20.56	21.81
2	15MHz	1880	1	74	Q64	20.49	21.74	66	20MHz	1745	1	0	Q64	20.46	21.71
2	15MHz	1880	1	0	Q64	20.68	21.93	66	20MHz	1745	1	99	Q64	20.12	21.37
2	15MHz	1880	75	0	Q64	19.92	21.17	66	20MHz	1745	100	0	Q64	19.45	20.70
2	15MHz	1880	1	74	Q256	17.82	19.07	66	20MHz	1745	1	0	Q256	17.49	18.74
2	15MHz	1880	1	0	Q256	18.21	19.46	66	20MHz	1745	1	99	Q256	17.24	18.49
2	15MHz	1880	75	0	Q256	17.96	19.21	66	20MHz	1745	100	0	Q256	17.39	18.64
2	20MHz	1880	1	99	QPSK	20.86	22.11	66	5MHz	1745	1	0	QPSK	20.27	21.52
2	20MHz	1880	1	0	QPSK	20.99	22.24	66	5MHz	1745	1	24	QPSK	20.27	21.52
2	20MHz	1880	100	0	QPSK	20.82	22.07	66	5MHz	1745	25	0	QPSK	20.23	21.48
2	20MHz	1880	1	99	16QAM	20.84	22.09	66	5MHz	1745	1	0	16QAM	20.26	21.51
2	20MHz	1880	1	0	16QAM	20.97	22.22	66	5MHz	1745	1	24	16QAM	20.27	21.52
2	20MHz	1880	100	0	16QAM	20.82	22.07	66	5MHz	1745	25	0	16QAM	20.23	21.48
2	20MHz	1880	1	99	Q64	20.85	22.10	66	5MHz	1745	1	0	Q64	20.33	21.58
2	20MHz	1880	1	0	Q64	20.89	22.14	66	5MHz	1745	1	24	Q64	20.26	21.51
2	20MHz	1880	100	0	Q64	19.99	21.24	66	5MHz	1745	25	0	Q64	19.45	20.70
2	20MHz	1880	1	99	Q256	17.96	19.21	66	5MHz	1745	1	0	Q256	17.40	18.65
2	20MHz	1880	1	0	Q256	18.19	19.44	66	5MHz	1745	1	24	Q256	17.36	18.61
2	20MHz	1880	100	0	Q256	18.05	19.30	66	5MHz	1745	25	0	Q256	17.46	18.71
2	20MHz	1880	1	99	QPSK	20.91	22.16	66	10MHz	1745	1	0	QPSK	20.53	21.78

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2	20MHz	1880	1	0	QPSK	21.05	22.30	66	10MHz	1745	1	49	QPSK	20.48	21.73
2	20MHz	1880	100	0	QPSK	20.86	22.11	66	10MHz	1745	50	0	QPSK	20.53	21.78
2	20MHz	1880	1	99	16QAM	20.89	22.14	66	10MHz	1745	1	0	16QAM	20.56	21.81
2	20MHz	1880	1	0	16QAM	20.98	22.23	66	10MHz	1745	1	49	16QAM	20.46	21.71
2	20MHz	1880	100	0	16QAM	20.86	22.11	66	10MHz	1745	50	0	16QAM	20.51	21.76
2	20MHz	1880	1	99	Q64	20.97	22.22	66	10MHz	1745	1	0	Q64	20.49	21.74
2	20MHz	1880	1	0	Q64	20.94	22.19	66	10MHz	1745	1	49	Q64	20.61	21.86
2	20MHz	1880	100	0	Q64	19.98	21.23	66	10MHz	1745	50	0	Q64	19.71	20.96
2	20MHz	1880	1	99	Q256	18.04	19.29	66	10MHz	1745	1	0	Q256	17.73	18.98
2	20MHz	1880	1	0	Q256	18.12	19.37	66	10MHz	1745	1	49	Q256	17.63	18.88
2	20MHz	1880	100	0	Q256	18.04	19.29	66	10MHz	1745	50	0	Q256	17.74	18.99
2	20MHz	1880	1	99	QPSK	20.88	22.13	66	15MHz	1745	1	0	QPSK	20.25	21.50
2	20MHz	1880	1	0	QPSK	20.98	22.23	66	15MHz	1745	1	74	QPSK	20.20	21.45
2	20MHz	1880	100	0	QPSK	20.85	22.10	66	15MHz	1745	75	0	QPSK	20.15	21.40
2	20MHz	1880	1	99	16QAM	20.93	22.18	66	15MHz	1745	1	0	16QAM	20.20	21.45
2	20MHz	1880	1	0	16QAM	20.93	22.18	66	15MHz	1745	1	74	16QAM	20.15	21.40
2	20MHz	1880	100	0	16QAM	20.82	22.07	66	15MHz	1745	75	0	16QAM	20.20	21.45
2	20MHz	1880	1	99	Q64	20.91	22.16	66	15MHz	1745	1	0	Q64	20.24	21.49
2	20MHz	1880	1	0	Q64	20.97	22.22	66	15MHz	1745	1	74	Q64	20.27	21.52
2	20MHz	1880	100	0	Q64	20.03	21.28	66	15MHz	1745	75	0	Q64	19.38	20.63
2	20MHz	1880	1	99	Q256	17.96	19.21	66	15MHz	1745	1	0	Q256	17.39	18.64
2	20MHz	1880	1	0	Q256	18.25	19.50	66	15MHz	1745	1	74	Q256	17.27	18.52
2	20MHz	1880	100	0	Q256	18.06	19.31	66	15MHz	1745	75	0	Q256	17.40	18.65
2	20MHz	1880	1	99	QPSK	20.89	22.14	66	20MHz	1745	1	0	QPSK	20.29	21.54
2	20MHz	1880	1	0	QPSK	20.98	22.23	66	20MHz	1745	1	99	QPSK	20.28	21.53
2	20MHz	1880	100	0	QPSK	20.85	22.10	66	20MHz	1745	100	0	QPSK	20.20	21.45
2	20MHz	1880	1	99	16QAM	20.98	22.23	66	20MHz	1745	1	0	16QAM	20.37	21.62
2	20MHz	1880	1	0	16QAM	21.08	22.33	66	20MHz	1745	1	99	16QAM	20.17	21.42
2	20MHz	1880	100	0	16QAM	20.84	22.09	66	20MHz	1745	100	0	16QAM	20.21	21.46
2	20MHz	1880	1	99	Q64	20.87	22.12	66	20MHz	1745	1	0	Q64	20.37	21.62
2	20MHz	1880	1	0	Q64	20.92	22.17	66	20MHz	1745	1	99	Q64	20.19	21.44
2	20MHz	1880	100	0	Q64	20.01	21.26	66	20MHz	1745	100	0	Q64	19.39	20.64
2	20MHz	1880	1	99	Q256	17.96	19.21	66	20MHz	1745	1	0	Q256	17.47	18.72
2	20MHz	1880	1	0	Q256	18.25	19.50	66	20MHz	1745	1	99	Q256	17.36	18.61
2	20MHz	1880	100	0	Q256	18.05	19.30	66	20MHz	1745	100	0	Q256	17.42	18.67

LTE CA_12A-66A

PCC Power (dBm)	SCC Power (dBm)
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ERP Limits: 34.7dBm								EIRP Limits: 30dBm							
Max ERP :23.48dBm								Max EIRP :23.11dBm							
LTE Band	BW (MHz)	Frequency(MHz)	RB No	RB offset	Modulation	AVG Power (dBm)	EIRP (dBm)=AVG Power+Gain(1.25dBi)	LTE Band	BW (MHz)	Frequency(MHz)	RB No	RB offset	Modulation	AVG Power (dBm)	EIRP (dBm)=AVG Power+Gain(1.25dBi)
12	3MHz	707.5	1	14.00	QPSK	21.87	23.12	66.00	5MHz	1745.00	1.00	0.00	QPSK	21.43	22.68
12	3MHz	707.5	1	0.00	QPSK	22.03	23.28	66.00	5MHz	1745.00	1.00	24.00	QPSK	21.59	22.84
12	3MHz	707.5	15	0.00	QPSK	21.98	23.23	66.00	5MHz	1745.00	25.00	0.00	QPSK	21.50	22.75
12	3MHz	707.5	1	14.00	16QAM	21.93	23.18	66.00	5MHz	1745.00	1.00	0.00	16QAM	21.39	22.64
12	3MHz	707.5	1	0.00	16QAM	22.12	23.37	66.00	5MHz	1745.00	1.00	24.00	16QAM	21.58	22.83
12	3MHz	707.5	15	0.00	16QAM	21.70	22.95	66.00	5MHz	1745.00	25.00	0.00	16QAM	21.23	22.48
12	3MHz	707.5	1	14.00	Q64	21.67	22.92	66.00	5MHz	1745.00	1.00	0.00	Q64	21.27	22.52
12	3MHz	707.5	1	0.00	Q64	21.77	23.02	66.00	5MHz	1745.00	1.00	24.00	Q64	21.35	22.60
12	3MHz	707.5	15	0.00	Q64	20.69	21.94	66.00	5MHz	1745.00	25.00	0.00	Q64	20.22	21.47
12	3MHz	707.5	1	14.00	Q256	18.57	19.82	66.00	5MHz	1745.00	1.00	0.00	Q256	18.02	19.27
12	3MHz	707.5	1	0.00	Q256	18.71	19.96	66.00	5MHz	1745.00	1.00	24.00	Q256	18.19	19.44
12	3MHz	707.5	15	0.00	Q256	18.66	19.91	66.00	5MHz	1745.00	25.00	0.00	Q256	18.18	19.43
12	3MHz	707.5	1	14.00	QPSK	21.88	23.13	66.00	10MHz	1745.00	1.00	0.00	QPSK	21.31	22.56
12	3MHz	707.5	1	0.00	QPSK	22.04	23.29	66.00	10MHz	1745.00	1.00	49.00	QPSK	21.54	22.79
12	3MHz	707.5	15	0.00	QPSK	21.97	23.22	66.00	10MHz	1745.00	50.00	0.00	QPSK	21.52	22.77
12	3MHz	707.5	1	14.00	16QAM	21.96	23.21	66.00	10MHz	1745.00	1.00	0.00	16QAM	21.21	22.46
12	3MHz	707.5	1	0.00	16QAM	22.07	23.32	66.00	10MHz	1745.00	1.00	49.00	16QAM	21.46	22.71
12	3MHz	707.5	15	0.00	16QAM	21.68	22.93	66.00	10MHz	1745.00	50.00	0.00	16QAM	21.25	22.50
12	3MHz	707.5	1	14.00	Q64	21.69	22.94	66.00	10MHz	1745.00	1.00	0.00	Q64	21.08	22.33
12	3MHz	707.5	1	0.00	Q64	21.83	23.08	66.00	10MHz	1745.00	1.00	49.00	Q64	21.32	22.57
12	3MHz	707.5	15	0.00	Q64	20.70	21.95	66.00	10MHz	1745.00	50.00	0.00	Q64	20.24	21.49
12	3MHz	707.5	1	14.00	Q256	18.61	19.86	66.00	10MHz	1745.00	1.00	0.00	Q256	17.94	19.19
12	3MHz	707.5	1	0.00	Q256	18.72	19.97	66.00	10MHz	1745.00	1.00	49.00	Q256	18.11	19.36
12	3MHz	707.5	15	0.00	Q256	18.65	19.90	66.00	10MHz	1745.00	50.00	0.00	Q256	18.21	19.46
12	3MHz	707.5	1	14.00	QPSK	21.90	23.15	66.00	15MHz	1745.00	1.00	0.00	QPSK	21.34	22.59
12	3MHz	707.5	1	0.00	QPSK	22.06	23.31	66.00	15MHz	1745.00	1.00	74.00	QPSK	21.51	22.76
12	3MHz	707.5	15	0.00	QPSK	22.00	23.25	66.00	15MHz	1745.00	75.00	0.00	QPSK	21.47	22.72
12	3MHz	707.5	1	14.00	16QAM	21.97	23.22	66.00	15MHz	1745.00	1.00	0.00	16QAM	21.52	22.77

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12	3MHz	707.5	1	0.00	16QAM	22.09	23.34	66.00	15MHz	1745.00	1.00	74.00	16QAM	21.36	22.61
12	3MHz	707.5	15	0.00	16QAM	21.70	22.95	66.00	15MHz	1745.00	75.00	0.00	16QAM	21.23	22.48
12	3MHz	707.5	1	14.00	Q64	21.70	22.95	66.00	15MHz	1745.00	1.00	0.00	Q64	21.00	22.25
12	3MHz	707.5	1	0.00	Q64	21.87	23.12	66.00	15MHz	1745.00	1.00	74.00	Q64	21.35	22.60
12	3MHz	707.5	15	0.00	Q64	20.72	21.97	66.00	15MHz	1745.00	75.00	0.00	Q64	20.20	21.45
12	3MHz	707.5	1	14.00	Q256	18.63	19.88	66.00	15MHz	1745.00	1.00	0.00	Q256	17.88	19.13
12	3MHz	707.5	1	0.00	Q256	18.73	19.98	66.00	15MHz	1745.00	1.00	74.00	Q256	18.12	19.37
12	3MHz	707.5	15	0.00	Q256	18.69	19.94	66.00	15MHz	1745.00	75.00	0.00	Q256	18.15	19.40
12	3MHz	707.5	1	14.00	QPSK	21.90	23.15	66.00	20MHz	1745.00	1.00	0.00	QPSK	21.46	22.71
12	3MHz	707.5	1	0.00	QPSK	22.08	23.33	66.00	20MHz	1745.00	1.00	99.00	QPSK	21.53	22.78
12	3MHz	707.5	15	0.00	QPSK	22.02	23.27	66.00	20MHz	1745.00	100.00	0.00	QPSK	21.55	22.80
12	3MHz	707.5	1	14.00	16QAM	22.01	23.26	66.00	20MHz	1745.00	1.00	0.00	16QAM	21.41	22.66
12	3MHz	707.5	1	0.00	16QAM	22.15	23.40	66.00	20MHz	1745.00	1.00	99.00	16QAM	21.47	22.72
12	3MHz	707.5	15	0.00	16QAM	21.70	22.95	66.00	20MHz	1745.00	100.00	0.00	16QAM	21.27	22.52
12	3MHz	707.5	1	14.00	Q64	21.78	23.03	66.00	20MHz	1745.00	1.00	0.00	Q64	21.19	22.44
12	3MHz	707.5	1	0.00	Q64	21.90	23.15	66.00	20MHz	1745.00	1.00	99.00	Q64	21.35	22.60
12	3MHz	707.5	15	0.00	Q64	20.74	21.99	66.00	20MHz	1745.00	100.00	0.00	Q64	20.23	21.48
12	3MHz	707.5	1	14.00	Q256	18.72	19.97	66.00	20MHz	1745.00	1.00	0.00	Q256	17.98	19.23
12	3MHz	707.5	1	0.00	Q256	18.76	20.01	66.00	20MHz	1745.00	1.00	99.00	Q256	18.18	19.43
12	3MHz	707.5	15	0.00	Q256	18.69	19.94	66.00	20MHz	1745.00	100.00	0.00	Q256	18.18	19.43
12	5MHz	707.5	1	24.00	QPSK	22.57	23.82	66.00	1.4MHz	1745.00	1.00	0.00	QPSK	21.70	22.95
12	5MHz	707.5	1	0.00	QPSK	22.10	23.35	66.00	1.4MHz	1745.00	1.00	5.00	QPSK	21.44	22.69
12	5MHz	707.5	25	0.00	QPSK	21.97	23.22	66.00	1.4MHz	1745.00	6.00	0.00	QPSK	21.48	22.73
12	5MHz	707.5	1	24.00	16QAM	21.92	23.17	66.00	1.4MHz	1745.00	1.00	0.00	16QAM	21.53	22.78
12	5MHz	707.5	1	0.00	16QAM	22.03	23.28	66.00	1.4MHz	1745.00	1.00	5.00	16QAM	21.44	22.69
12	5MHz	707.5	25	0.00	16QAM	21.69	22.94	66.00	1.4MHz	1745.00	6.00	0.00	16QAM	21.25	22.50
12	5MHz	707.5	1	24.00	Q64	21.77	23.02	66.00	1.4MHz	1745.00	1.00	0.00	Q64	21.13	22.38
12	5MHz	707.5	1	0.00	Q64	21.76	23.01	66.00	1.4MHz	1745.00	1.00	5.00	Q64	21.22	22.47
12	5MHz	707.5	25	0.00	Q64	20.69	21.94	66.00	1.4MHz	1745.00	6.00	0.00	Q64	20.25	21.50
12	5MHz	707.5	1	24.00	Q256	18.67	19.92	66.00	1.4MHz	1745.00	1.00	0.00	Q256	18.19	19.44
12	5MHz	707.5	1	0.00	Q256	18.81	20.06	66.00	1.4MHz	1745.00	1.00	5.00	Q256	18.21	19.46
12	5MHz	707.5	25	0.00	Q256	18.69	19.94	66.00	1.4MHz	1745.00	6.00	0.00	Q256	18.19	19.44
12	5MHz	707.5	1	24.00	QPSK	21.96	23.21	66.00	3MHz	1745.00	1.00	0.00	QPSK	21.41	22.66
12	5MHz	707.5	1	0.00	QPSK	22.05	23.30	66.00	3MHz	1745.00	1.00	14.00	QPSK	21.47	22.72

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12	5MHz	707.5	25	0.00	QPSK	21.99	23.24	66.00	3MHz	1745.00	15.00	0.00	QPSK	21.48	22.73
12	5MHz	707.5	1	24.00	16QAM	21.93	23.18	66.00	3MHz	1745.00	1.00	0.00	16QAM	21.45	22.70
12	5MHz	707.5	1	0.00	16QAM	22.06	23.31	66.00	3MHz	1745.00	1.00	14.00	16QAM	21.62	22.87
12	5MHz	707.5	25	0.00	16QAM	21.70	22.95	66.00	3MHz	1745.00	15.00	0.00	16QAM	21.19	22.44
12	5MHz	707.5	1	24.00	Q64	21.59	22.84	66.00	3MHz	1745.00	1.00	0.00	Q64	21.17	22.42
12	5MHz	707.5	1	0.00	Q64	21.79	23.04	66.00	3MHz	1745.00	1.00	14.00	Q64	21.19	22.44
12	5MHz	707.5	25	0.00	Q64	20.73	21.98	66.00	3MHz	1745.00	15.00	0.00	Q64	20.19	21.44
12	5MHz	707.5	1	24.00	Q256	18.68	19.93	66.00	3MHz	1745.00	1.00	0.00	Q256	18.10	19.35
12	5MHz	707.5	1	0.00	Q256	18.76	20.01	66.00	3MHz	1745.00	1.00	14.00	Q256	18.07	19.32
12	5MHz	707.5	25	0.00	Q256	18.69	19.94	66.00	3MHz	1745.00	15.00	0.00	Q256	18.21	19.46
12	5MHz	707.5	1	24.00	QPSK	21.95	23.20	66.00	5MHz	1745.00	1.00	0.00	QPSK	21.53	22.78
12	5MHz	707.5	1	0.00	QPSK	22.11	23.36	66.00	5MHz	1745.00	1.00	24.00	QPSK	21.61	22.86
12	5MHz	707.5	25	0.00	QPSK	22.00	23.25	66.00	5MHz	1745.00	25.00	0.00	QPSK	21.52	22.77
12	5MHz	707.5	1	24.00	16QAM	21.91	23.16	66.00	5MHz	1745.00	1.00	0.00	16QAM	21.50	22.75
12	5MHz	707.5	1	0.00	16QAM	22.22	23.47	66.00	5MHz	1745.00	1.00	24.00	16QAM	21.86	23.11
12	5MHz	707.5	25	0.00	16QAM	21.61	22.86	66.00	5MHz	1745.00	25.00	0.00	16QAM	20.87	22.12
12	5MHz	707.5	1	24.00	Q64	22.21	23.46	66.00	5MHz	1745.00	1.00	0.00	Q64	21.25	22.50
12	5MHz	707.5	1	0.00	Q64	21.78	23.03	66.00	5MHz	1745.00	1.00	24.00	Q64	21.30	22.55
12	5MHz	707.5	25	0.00	Q64	21.08	22.33	66.00	5MHz	1745.00	25.00	0.00	Q64	20.84	22.09
12	5MHz	707.5	1	24.00	Q256	18.66	19.91	66.00	5MHz	1745.00	1.00	0.00	Q256	18.09	19.34
12	5MHz	707.5	1	0.00	Q256	18.81	20.06	66.00	5MHz	1745.00	1.00	24.00	Q256	18.26	19.51
12	5MHz	707.5	25	0.00	Q256	18.51	19.76	66.00	5MHz	1745.00	25.00	0.00	Q256	16.90	18.15
12	5MHz	707.5	1	24.00	QPSK	21.88	23.13	66.00	10MHz	1745.00	1.00	0.00	QPSK	21.33	22.58
12	5MHz	707.5	1	0.00	QPSK	22.07	23.32	66.00	10MHz	1745.00	1.00	49.00	QPSK	21.54	22.79
12	5MHz	707.5	25	0.00	QPSK	21.98	23.23	66.00	10MHz	1745.00	50.00	0.00	QPSK	21.54	22.79
12	5MHz	707.5	1	24.00	16QAM	21.92	23.17	66.00	10MHz	1745.00	1.00	0.00	16QAM	21.35	22.60
12	5MHz	707.5	1	0.00	16QAM	22.15	23.40	66.00	10MHz	1745.00	1.00	49.00	16QAM	21.59	22.84
12	5MHz	707.5	25	0.00	16QAM	21.56	22.81	66.00	10MHz	1745.00	50.00	0.00	16QAM	20.01	21.26
12	5MHz	707.5	1	24.00	Q64	21.46	22.71	66.00	10MHz	1745.00	1.00	0.00	Q64	19.84	21.09
12	5MHz	707.5	1	0.00	Q64	21.77	23.02	66.00	10MHz	1745.00	1.00	49.00	Q64	21.26	22.51
12	5MHz	707.5	25	0.00	Q64	20.51	21.76	66.00	10MHz	1745.00	50.00	0.00	Q64	19.01	20.26
12	5MHz	707.5	1	24.00	Q256	18.46	19.71	66.00	10MHz	1745.00	1.00	0.00	Q256	16.74	17.99
12	5MHz	707.5	1	0.00	Q256	18.79	20.04	66.00	10MHz	1745.00	1.00	49.00	Q256	18.19	19.44
12	5MHz	707.5	25	0.00	Q256	18.65	19.90	66.00	10MHz	1745.00	50.00	0.00	Q256	18.22	19.47

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12	5MHz	707.5	1	24.00	QPSK	21.91	23.16	66.00	15MHz	1745.00	1.00	0.00	QPSK	21.27	22.52
12	5MHz	707.5	1	0.00	QPSK	22.08	23.33	66.00	15MHz	1745.00	1.00	74.00	QPSK	21.38	22.63
12	5MHz	707.5	25	0.00	QPSK	21.98	23.23	66.00	15MHz	1745.00	75.00	0.00	QPSK	21.37	22.62
12	5MHz	707.5	1	24.00	16QAM	21.91	23.16	66.00	15MHz	1745.00	1.00	0.00	16QAM	21.32	22.57
12	5MHz	707.5	1	0.00	16QAM	22.09	23.34	66.00	15MHz	1745.00	1.00	74.00	16QAM	21.50	22.75
12	5MHz	707.5	25	0.00	16QAM	21.54	22.79	66.00	15MHz	1745.00	75.00	0.00	16QAM	19.86	21.11
12	5MHz	707.5	1	24.00	Q64	21.39	22.64	66.00	15MHz	1745.00	1.00	0.00	Q64	19.61	20.86
12	5MHz	707.5	1	0.00	Q64	21.75	23.00	66.00	15MHz	1745.00	1.00	74.00	Q64	21.22	22.47
12	5MHz	707.5	25	0.00	Q64	21.14	22.39	66.00	15MHz	1745.00	75.00	0.00	Q64	20.32	21.57
12	5MHz	707.5	1	24.00	Q256	19.29	20.54	66.00	15MHz	1745.00	1.00	0.00	Q256	17.84	19.09
12	5MHz	707.5	1	0.00	Q256	18.98	20.23	66.00	15MHz	1745.00	1.00	74.00	Q256	18.34	19.59
12	5MHz	707.5	25	0.00	Q256	19.12	20.37	66.00	15MHz	1745.00	75.00	0.00	Q256	18.35	19.60
12	5MHz	707.5	1	24.00	QPSK	22.61	23.86	66.00	20MHz	1745.00	1.00	0.00	QPSK	20.90	22.15
12	5MHz	707.5	1	0.00	QPSK	22.30	23.55	66.00	20MHz	1745.00	1.00	99.00	QPSK	21.63	22.88
12	5MHz	707.5	25	0.00	QPSK	22.43	23.68	66.00	20MHz	1745.00	100.00	0.00	QPSK	21.57	22.82
12	5MHz	707.5	1	24.00	16QAM	22.68	23.93	66.00	20MHz	1745.00	1.00	0.00	16QAM	20.97	22.22
12	5MHz	707.5	1	0.00	16QAM	22.35	23.60	66.00	20MHz	1745.00	1.00	99.00	16QAM	21.71	22.96
12	5MHz	707.5	25	0.00	16QAM	21.55	22.80	66.00	20MHz	1745.00	100.00	0.00	16QAM	19.95	21.20
12	5MHz	707.5	1	24.00	Q64	21.39	22.64	66.00	20MHz	1745.00	1.00	0.00	Q64	19.52	20.77
12	5MHz	707.5	1	0.00	Q64	21.97	23.22	66.00	20MHz	1745.00	1.00	99.00	Q64	21.38	22.63
12	5MHz	707.5	25	0.00	Q64	21.14	22.39	66.00	20MHz	1745.00	100.00	0.00	Q64	20.31	21.56
12	5MHz	707.5	1	24.00	Q256	19.33	20.58	66.00	20MHz	1745.00	1.00	0.00	Q256	17.56	18.81
12	5MHz	707.5	1	0.00	Q256	19.00	20.25	66.00	20MHz	1745.00	1.00	99.00	Q256	18.32	19.57
12	5MHz	707.5	25	0.00	Q256	19.10	20.35	66.00	20MHz	1745.00	100.00	0.00	Q256	18.27	19.52
12	10MHz	707.5	1	49.00	QPSK	22.64	23.89	66.00	1.4MHz	1745.00	1.00	0.00	QPSK	21.73	22.98
12	10MHz	707.5	1	0.00	QPSK	22.20	23.45	66.00	1.4MHz	1745.00	1.00	5.00	QPSK	21.76	23.01
12	10MHz	707.5	50	0.00	QPSK	22.48	23.73	66.00	1.4MHz	1745.00	6.00	0.00	QPSK	21.78	23.03
12	10MHz	707.5	1	49.00	16QAM	22.79	24.04	66.00	1.4MHz	1745.00	1.00	0.00	16QAM	21.60	22.85
12	10MHz	707.5	1	0.00	16QAM	22.20	23.45	66.00	1.4MHz	1745.00	1.00	5.00	16QAM	21.73	22.98
12	10MHz	707.5	50	0.00	16QAM	21.72	22.97	66.00	1.4MHz	1745.00	6.00	0.00	16QAM	21.25	22.50
12	10MHz	707.5	1	49.00	Q64	21.56	22.81	66.00	1.4MHz	1745.00	1.00	0.00	Q64	21.23	22.48
12	10MHz	707.5	1	0.00	Q64	22.04	23.29	66.00	1.4MHz	1745.00	1.00	5.00	Q64	21.25	22.50
12	10MHz	707.5	50	0.00	Q64	20.74	21.99	66.00	1.4MHz	1745.00	6.00	0.00	Q64	20.26	21.51
12	10MHz	707.5	1	49.00	Q256	18.55	19.80	66.00	1.4MHz	1745.00	1.00	0.00	Q256	18.09	19.34

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12	10MHz	707.5	1	0.00	Q256	18.71	19.96	66.00	1.4MHz	1745.00	1.00	5.00	Q256	18.10	19.35
12	10MHz	707.5	50	0.00	Q256	18.71	19.96	66.00	1.4MHz	1745.00	6.00	0.00	Q256	18.22	19.47
12	10MHz	707.5	1	49.00	QPSK	21.80	23.05	66.00	3MHz	1745.00	1.00	0.00	QPSK	21.49	22.74
12	10MHz	707.5	1	0.00	QPSK	22.23	23.48	66.00	3MHz	1745.00	1.00	14.00	QPSK	21.54	22.79
12	10MHz	707.5	50	0.00	QPSK	22.06	23.31	66.00	3MHz	1745.00	15.00	0.00	QPSK	21.52	22.77
12	10MHz	707.5	1	49.00	16QAM	21.87	23.12	66.00	3MHz	1745.00	1.00	0.00	16QAM	21.39	22.64
12	10MHz	707.5	1	0.00	16QAM	22.31	23.56	66.00	3MHz	1745.00	1.00	14.00	16QAM	21.47	22.72
12	10MHz	707.5	50	0.00	16QAM	21.76	23.01	66.00	3MHz	1745.00	15.00	0.00	16QAM	21.24	22.49
12	10MHz	707.5	1	49.00	Q64	21.63	22.88	66.00	3MHz	1745.00	1.00	0.00	Q64	21.23	22.48
12	10MHz	707.5	1	0.00	Q64	21.98	23.23	66.00	3MHz	1745.00	1.00	14.00	Q64	21.31	22.56
12	10MHz	707.5	50	0.00	Q64	20.76	22.01	66.00	3MHz	1745.00	15.00	0.00	Q64	20.23	21.48
12	10MHz	707.5	1	49.00	Q256	18.59	19.84	66.00	3MHz	1745.00	1.00	0.00	Q256	18.02	19.27
12	10MHz	707.5	1	0.00	Q256	18.80	20.05	66.00	3MHz	1745.00	1.00	14.00	Q256	18.10	19.35
12	10MHz	707.5	50	0.00	Q256	18.74	19.99	66.00	3MHz	1745.00	15.00	0.00	Q256	18.21	19.46
12	10MHz	707.5	1	49.00	QPSK	21.78	23.03	66.00	5MHz	1745.00	1.00	0.00	QPSK	21.40	22.65
12	10MHz	707.5	1	0.00	QPSK	22.20	23.45	66.00	5MHz	1745.00	1.00	24.00	QPSK	21.53	22.78
12	10MHz	707.5	50	0.00	QPSK	22.05	23.30	66.00	5MHz	1745.00	25.00	0.00	QPSK	21.46	22.71
12	10MHz	707.5	1	49.00	16QAM	21.87	23.12	66.00	5MHz	1745.00	1.00	0.00	16QAM	21.29	22.54
12	10MHz	707.5	1	0.00	16QAM	22.30	23.55	66.00	5MHz	1745.00	1.00	24.00	16QAM	21.53	22.78
12	10MHz	707.5	50	0.00	16QAM	21.73	22.98	66.00	5MHz	1745.00	25.00	0.00	16QAM	21.52	22.77
12	10MHz	707.5	1	49.00	Q64	21.43	22.68	66.00	5MHz	1745.00	1.00	0.00	Q64	19.99	21.24
12	10MHz	707.5	1	0.00	Q64	21.85	23.10	66.00	5MHz	1745.00	1.00	24.00	Q64	20.11	21.36
12	10MHz	707.5	50	0.00	Q64	20.71	21.96	66.00	5MHz	1745.00	25.00	0.00	Q64	20.33	21.58
12	10MHz	707.5	1	49.00	Q256	18.44	19.69	66.00	5MHz	1745.00	1.00	0.00	Q256	16.90	18.15
12	10MHz	707.5	1	0.00	Q256	18.64	19.89	66.00	5MHz	1745.00	1.00	24.00	Q256	16.98	18.23
12	10MHz	707.5	50	0.00	Q256	18.69	19.94	66.00	5MHz	1745.00	25.00	0.00	Q256	18.17	19.42
12	10MHz	707.5	1	49.00	QPSK	21.79	23.04	66.00	10MHz	1745.00	1.00	0.00	QPSK	21.35	22.60
12	10MHz	707.5	1	0.00	QPSK	22.18	23.43	66.00	10MHz	1745.00	1.00	49.00	QPSK	21.56	22.81
12	10MHz	707.5	50	0.00	QPSK	21.89	23.14	66.00	10MHz	1745.00	50.00	0.00	QPSK	20.29	21.54
12	10MHz	707.5	1	49.00	16QAM	21.72	22.97	66.00	10MHz	1745.00	1.00	0.00	16QAM	20.00	21.25
12	10MHz	707.5	1	0.00	16QAM	22.10	23.35	66.00	10MHz	1745.00	1.00	49.00	16QAM	20.25	21.50
12	10MHz	707.5	50	0.00	16QAM	21.60	22.85	66.00	10MHz	1745.00	50.00	0.00	16QAM	20.01	21.26
12	10MHz	707.5	1	49.00	Q64	21.48	22.73	66.00	10MHz	1745.00	1.00	0.00	Q64	21.11	22.36
12	10MHz	707.5	1	0.00	Q64	21.88	23.13	66.00	10MHz	1745.00	1.00	49.00	Q64	21.27	22.52

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12	10MHz	707.5	50	0.00	Q64	20.60	21.85	66.00	10MHz	1745.00	50.00	0.00	Q64	19.00	20.25
12	10MHz	707.5	1	49.00	Q256	18.43	19.68	66.00	10MHz	1745.00	1.00	0.00	Q256	16.80	18.05
12	10MHz	707.5	1	0.00	Q256	18.72	19.97	66.00	10MHz	1745.00	1.00	49.00	Q256	18.18	19.43
12	10MHz	707.5	50	0.00	Q256	18.68	19.93	66.00	10MHz	1745.00	50.00	0.00	Q256	18.25	19.50
12	10MHz	707.5	1	49.00	QPSK	21.77	23.02	66.00	15MHz	1745.00	1.00	0.00	QPSK	21.20	22.45
12	10MHz	707.5	1	0.00	QPSK	22.20	23.45	66.00	15MHz	1745.00	1.00	74.00	QPSK	21.41	22.66
12	10MHz	707.5	50	0.00	QPSK	22.00	23.25	66.00	15MHz	1745.00	75.00	0.00	QPSK	21.36	22.61
12	10MHz	707.5	1	49.00	16QAM	21.80	23.05	66.00	15MHz	1745.00	1.00	0.00	16QAM	21.20	22.45
12	10MHz	707.5	1	0.00	16QAM	22.29	23.54	66.00	15MHz	1745.00	1.00	74.00	16QAM	21.23	22.48
12	10MHz	707.5	50	0.00	16QAM	21.58	22.83	66.00	15MHz	1745.00	75.00	0.00	16QAM	19.91	21.16
12	10MHz	707.5	1	49.00	Q64	21.53	22.78	66.00	15MHz	1745.00	1.00	0.00	Q64	19.78	21.03
12	10MHz	707.5	1	0.00	Q64	22.06	23.31	66.00	15MHz	1745.00	1.00	74.00	Q64	21.32	22.57
12	10MHz	707.5	50	0.00	Q64	20.70	21.95	66.00	15MHz	1745.00	75.00	0.00	Q64	20.18	21.43
12	10MHz	707.5	1	49.00	Q256	18.58	19.83	66.00	15MHz	1745.00	1.00	0.00	Q256	17.91	19.16
12	10MHz	707.5	1	0.00	Q256	18.71	19.96	66.00	15MHz	1745.00	1.00	74.00	Q256	18.11	19.36
12	10MHz	707.5	50	0.00	Q256	18.71	19.96	66.00	15MHz	1745.00	75.00	0.00	Q256	18.15	19.40
12	10MHz	707.5	1	49.00	QPSK	21.80	23.05	66.00	20MHz	1745.00	1.00	0.00	QPSK	21.35	22.60
12	10MHz	707.5	1	0.00	QPSK	22.25	23.50	66.00	20MHz	1745.00	1.00	99.00	QPSK	21.53	22.78
12	10MHz	707.5	50	0.00	QPSK	22.08	23.33	66.00	20MHz	1745.00	100.00	0.00	QPSK	21.52	22.77
12	10MHz	707.5	1	49.00	16QAM	21.82	23.07	66.00	20MHz	1745.00	1.00	0.00	16QAM	21.40	22.65
12	10MHz	707.5	1	0.00	16QAM	22.26	23.51	66.00	20MHz	1745.00	1.00	99.00	16QAM	21.45	22.70
12	10MHz	707.5	50	0.00	16QAM	21.58	22.83	66.00	20MHz	1745.00	100.00	0.00	16QAM	19.94	21.19
12	10MHz	707.5	1	49.00	Q64	21.33	22.58	66.00	20MHz	1745.00	1.00	0.00	Q64	19.62	20.87
12	10MHz	707.5	1	0.00	Q64	21.91	23.16	66.00	20MHz	1745.00	1.00	99.00	Q64	21.28	22.53
12	10MHz	707.5	50	0.00	Q64	20.72	21.97	66.00	20MHz	1745.00	100.00	0.00	Q64	20.19	21.44
12	10MHz	707.5	1	49.00	Q256	18.59	19.84	66.00	20MHz	1745.00	1.00	0.00	Q256	17.91	19.16
12	10MHz	707.5	1	0.00	Q256	18.73	19.98	66.00	20MHz	1745.00	1.00	99.00	Q256	18.15	19.40
12	10MHz	707.5	50	0.00	Q256	18.71	19.96	66.00	20MHz	1745.00	100.00	0.00	Q256	18.16	19.41

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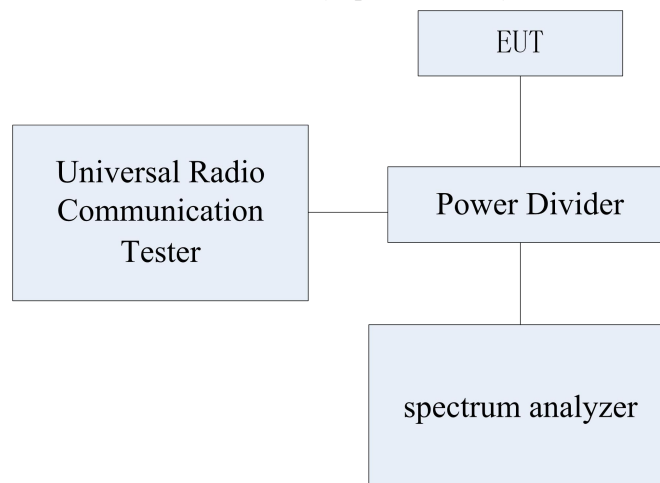
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6.4. Occupied Bandwidth

Specifications:	FCC Part 2.1049,22.917(b), 24.238(b)
DUT Serial Number:	864284040456399/864284040456696
Test conditions:	Ambient Temperature:15°C-35°C Relative Humidity:30%-60% Air pressure: 86-106kPa
Test Results:	--

Test Setup

During the test, the EUT was controlled via the Wireless Communications Test Set to ensure max power transmission and proper modulation and measured by spectrum analyzer.



Measurement Uncertainty:

Item	Uncertainty
Expanded Uncertainty	70.04Hz (k=2)

Test Method

The 99% occupied Bandwidth was calculated from the spectrum analyzer. Markers in the spectrum analyzer were then placed between the calculated frequencies to show the calculated 99% power Band. The 26dB Bandwidth was also measured and recorded.

Note: --

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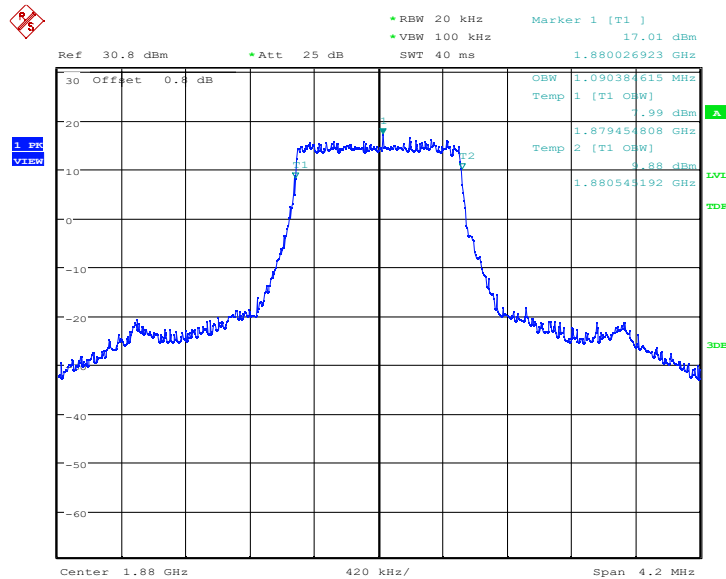
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6.4.1 occupied bandwidth Results

LTE band 2,1.4MHz(99%)

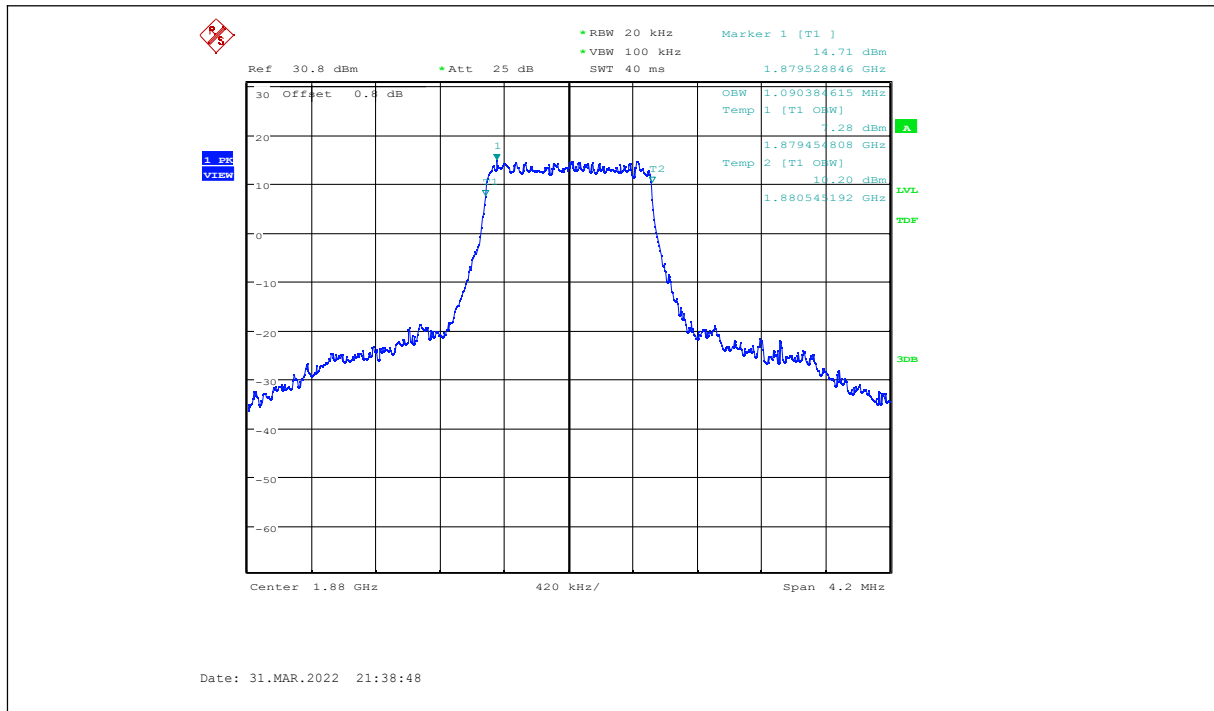
Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1880	1.090	1.090

LTE band 2 , 1.4MHz Bandwidth,QPSK (99% BW)



Date: 31.MAR.2022 21:38:25

LTE band 2 , 1.4MHz Bandwidth,16QAM (99% BW)



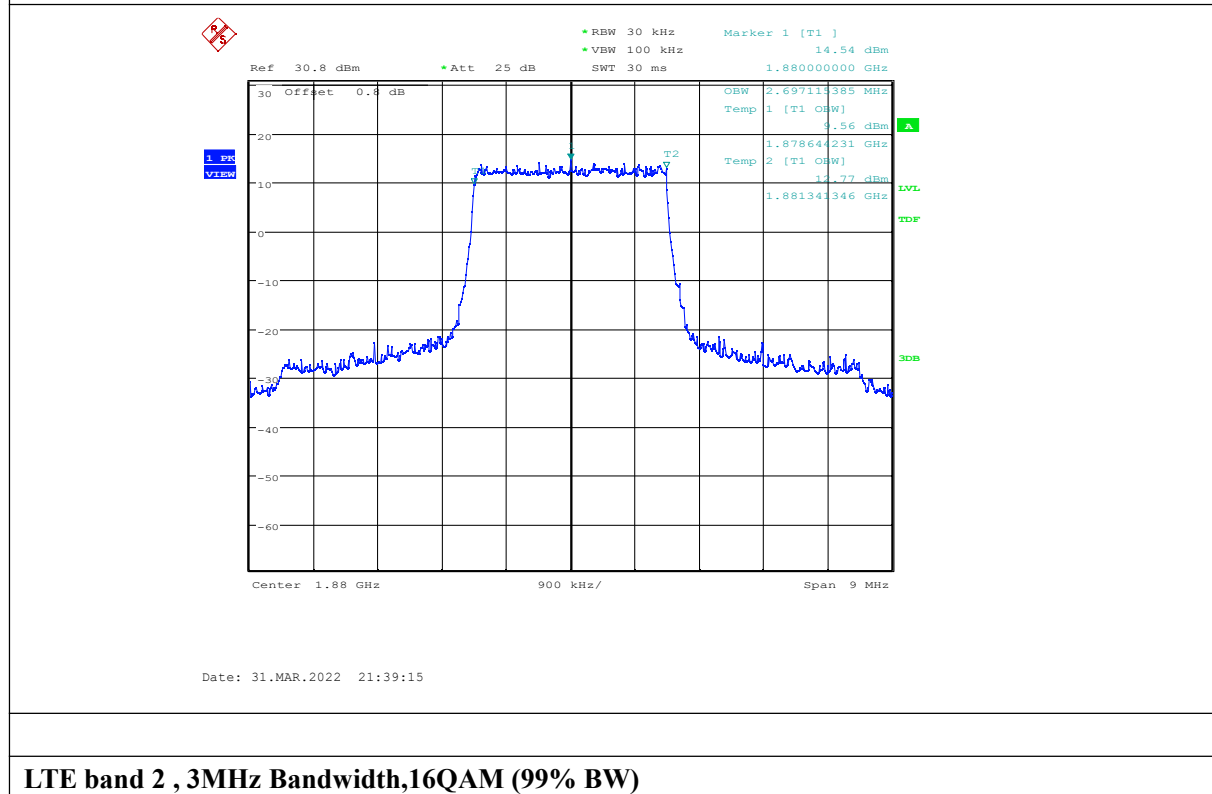
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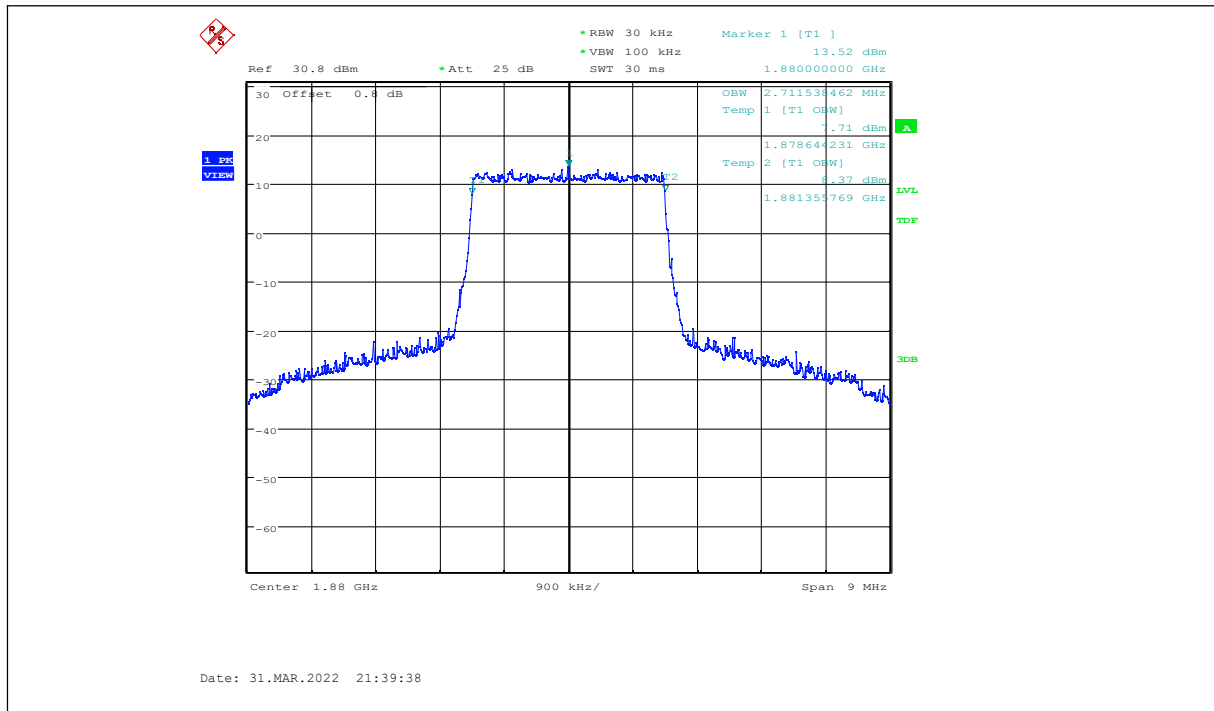
LTE band 2,3MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1880	2.697	2.712

LTE band 2 , 3MHz Bandwidth,QPSK (99% BW)



LTE band 2 , 3MHz Bandwidth,16QAM (99% BW)



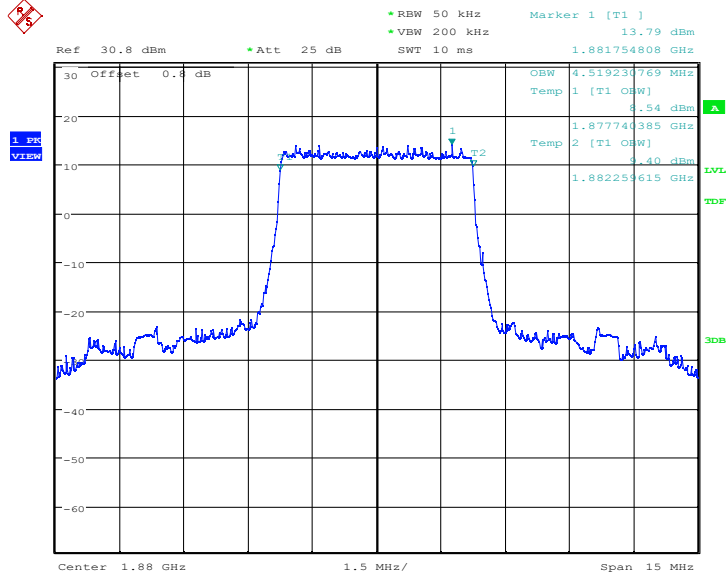
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LTE band 2,5MHz(99%)

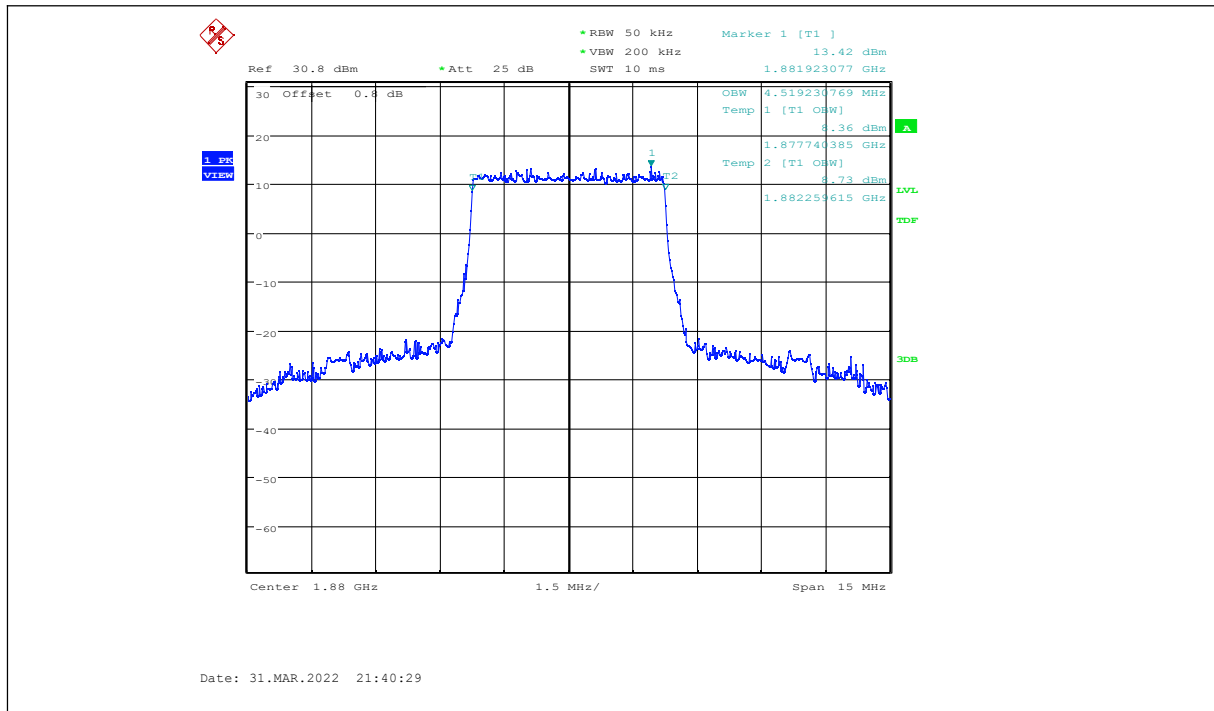
Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1880	4.519	4.519



Date: 31.MAR.2022 21:40:06

LTE band 2 , 5MHz Bandwidth,16QAM (99% BW)

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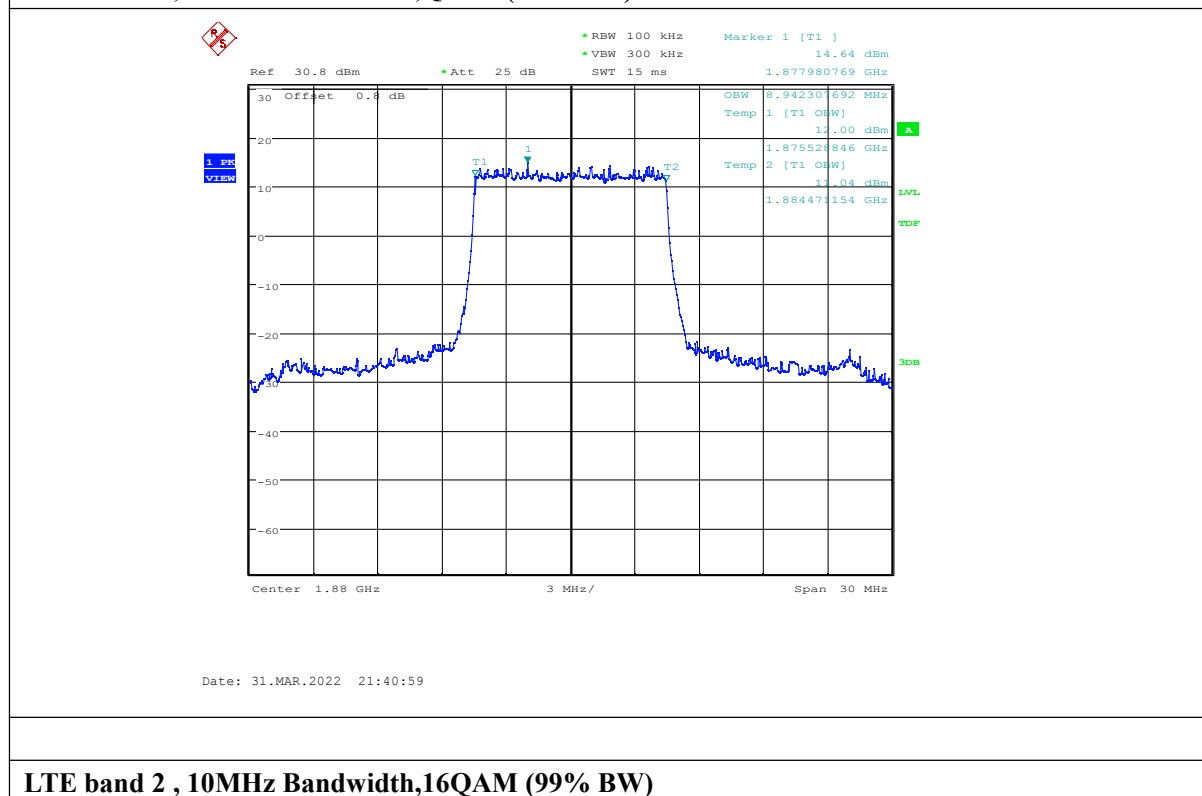
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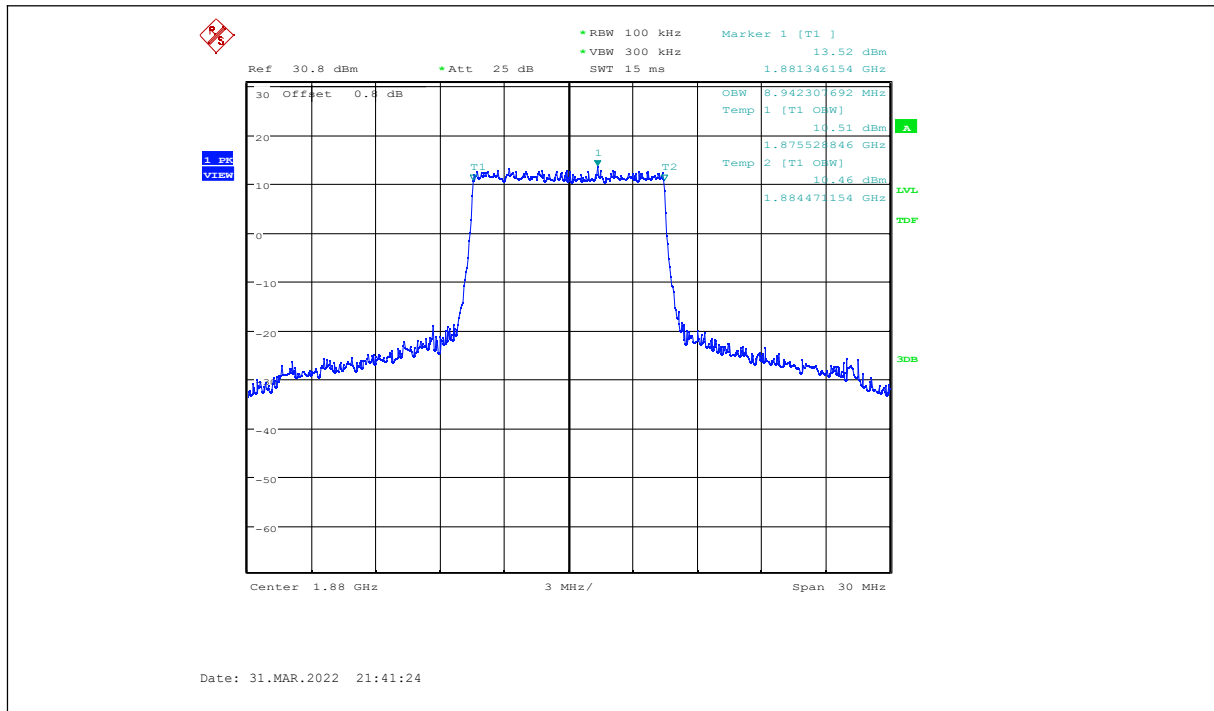
LTE band 2,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1880	8.942	8.942

LTE band 2 , 10MHz Bandwidth,QPSK (99% BW)



LTE band 2 , 10MHz Bandwidth,16QAM (99% BW)



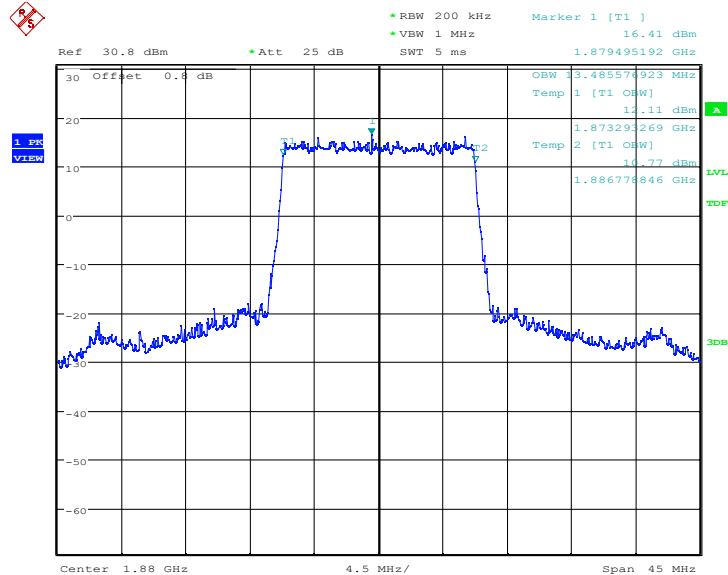
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LTE band 2,15MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1880	13.486	13.486

LTE band 2 , 15MHz Bandwidth,QPSK (99% BW)



Date: 31.MAR.2022 21:41:53

LTE band 2 , 15MHz Bandwidth,16QAM (99% BW)



Ref 30.8 dBm Att 25 dB RBW 200 kHz VBW 1 MHz SWT 5 ms Marker 1 [T1] 14.86 dBm 1.877692308 GHz

Offset 0.8 dB

OBW 23.485574923 MHz

Temp 1 [T1 OBW] 13.36 dBm

Temp 2 [T1 OBW] 1.873293269 GHz

1.886778846 GHz

1.88 GHz 4.5 MHz/ Span 45 MHz

1 PR VIEW

3dB

1.88 GHz 4.5 MHz/ Span 45 MHz

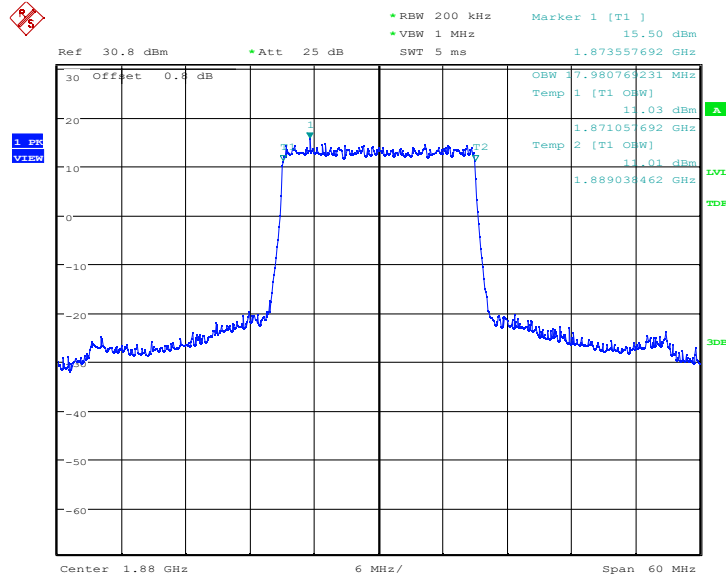
Date: 31.MAR.2022 21:42:14

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Tel: 0086-23-88069965 FAX: 0086-23-88608777

LTE band 2,20MHz(99%)

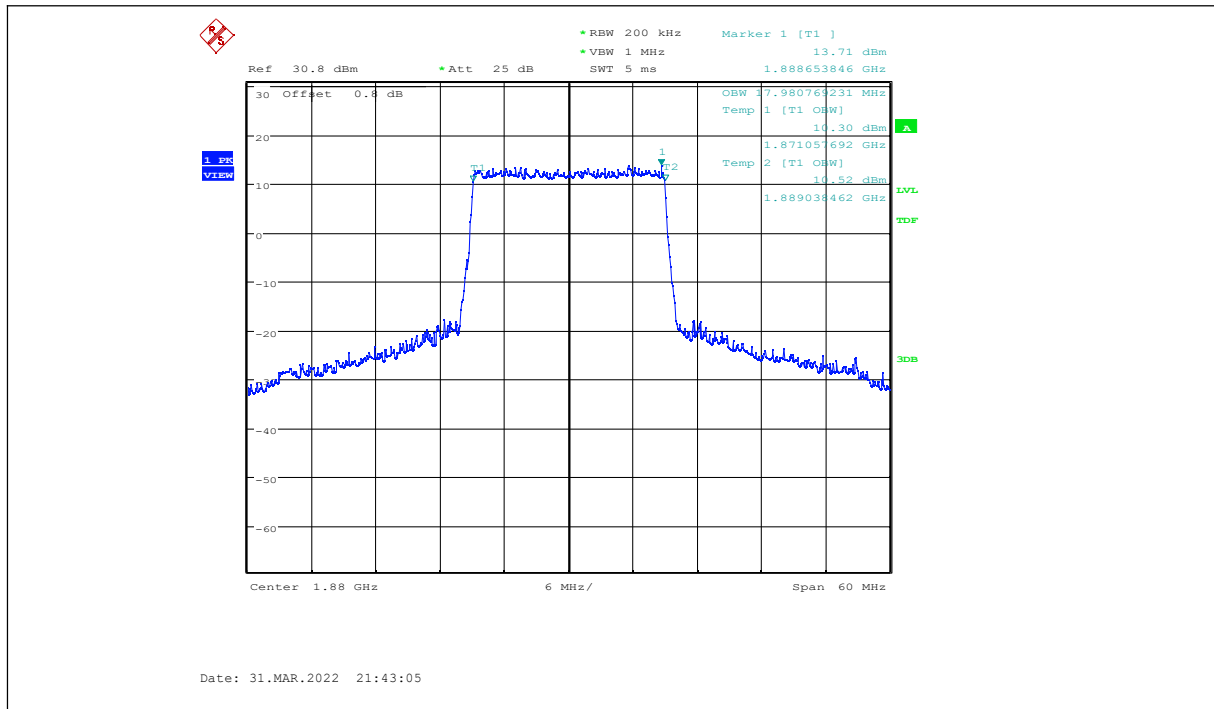
Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1880	17.981	17.981

LTE band 2 , 20MHz Bandwidth,QPSK (99% BW)



Date: 31.MAR.2022 21:42:42

LTE band 2 , 20MHz Bandwidth,16QAM (99% BW)



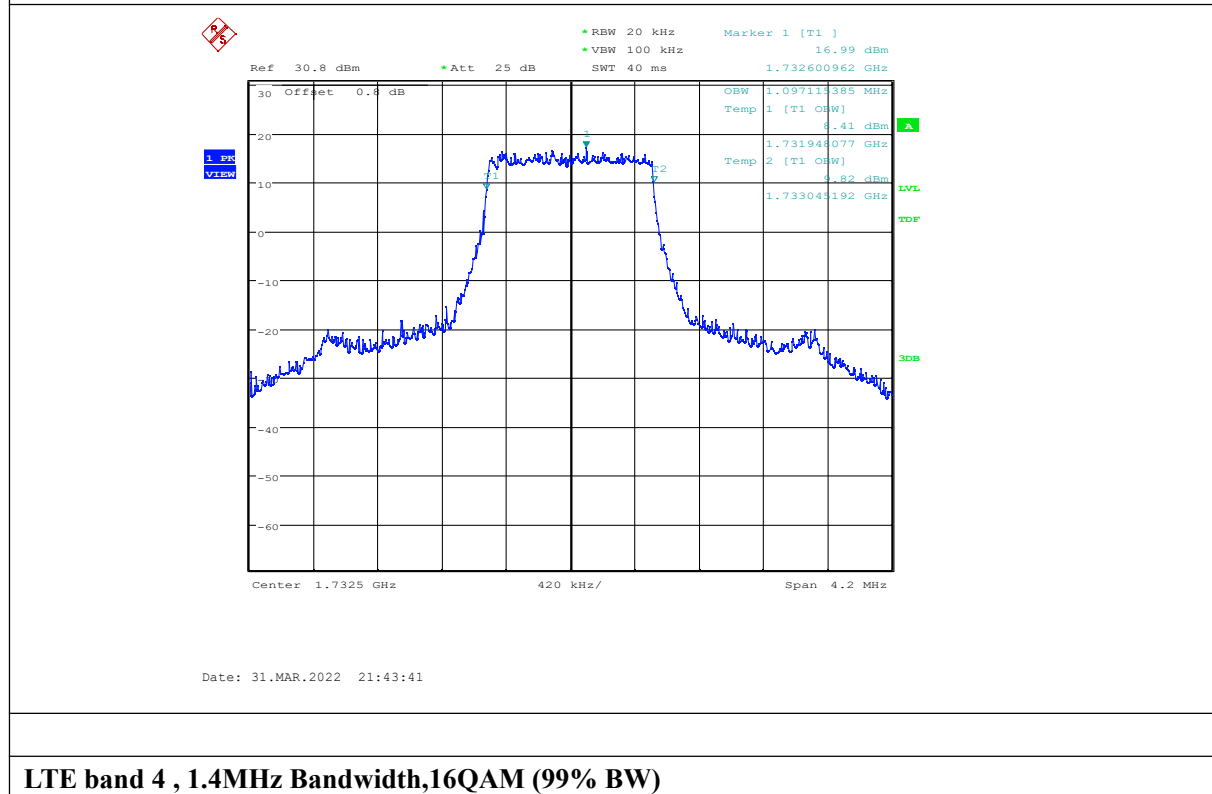
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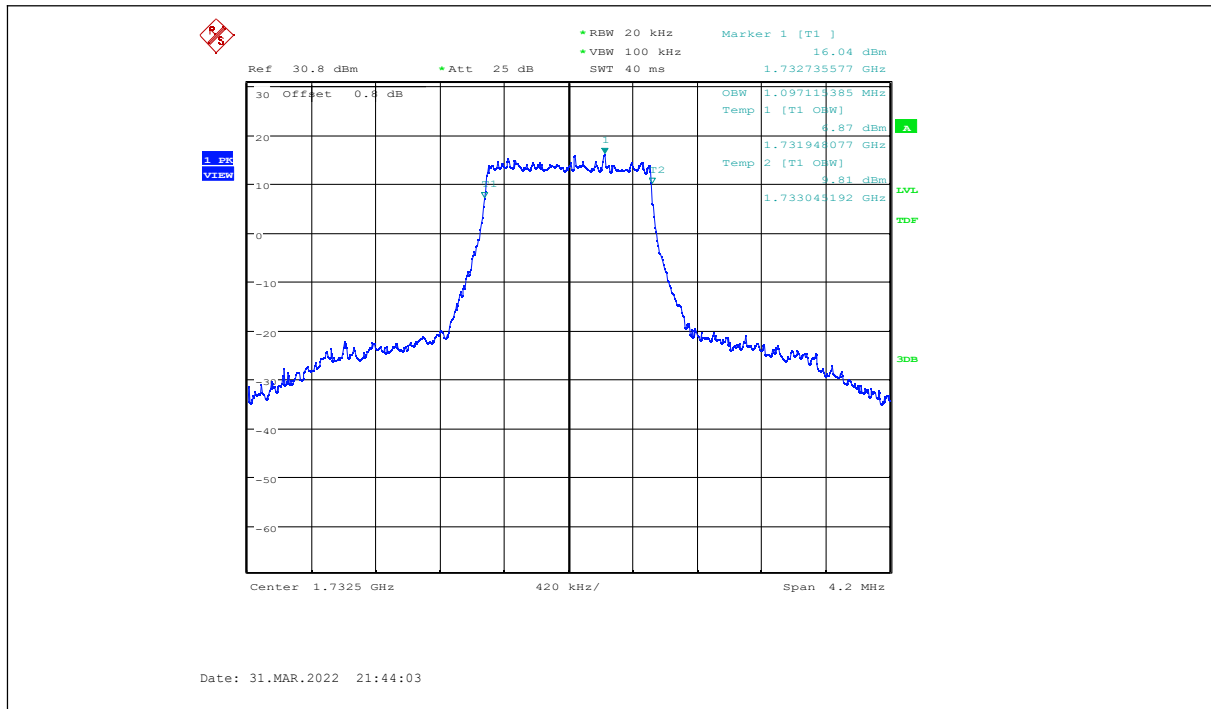
LTE band 4,1.4MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1732.5	1.097	1.097

LTE band 4 , 1.4MHz Bandwidth,QPSK (99% BW)



LTE band 4 , 1.4MHz Bandwidth,16QAM (99% BW)



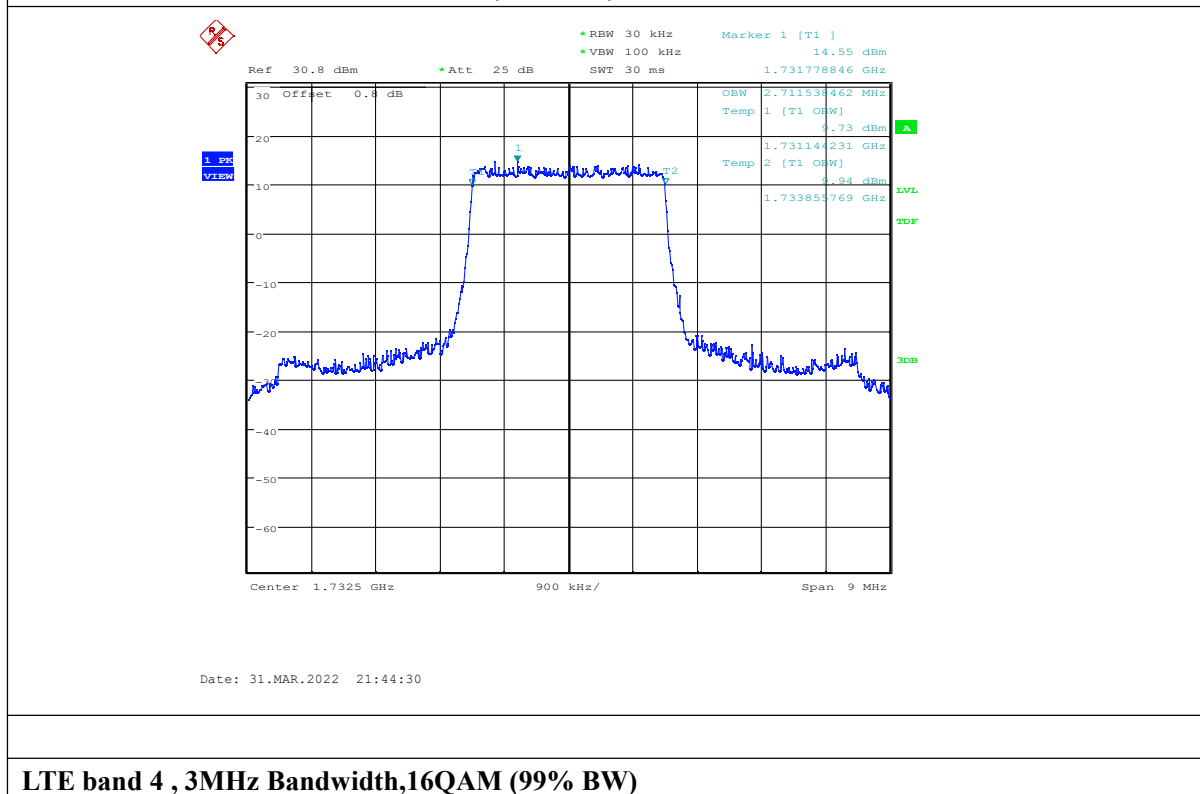
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LTE band 4,3MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1732.5	2.712	2.712

LTE band 4 , 3MHz Bandwidth,QPSK (99% BW)



LTE band 4 , 3MHz Bandwidth,16QAM (99% BW)



Ref 30.8 dBm Att 25 dB SWT 30 ms 1.733120192 GHz

RBW 30 kHz VBW 100 kHz Marker 1 [T1]

Offset 0.8 dB

OBW 2.711538462 MHz

Temp 1 [T1 OBW] 8.84 dBm

1.731144231 GHz

Temp 2 [T1 OBW] 1.75 dBm

1.733855769 GHz

Center 1.7325 GHz 900 kHz/ Span 9 MHz

3dB

1 PR VIEW

3dB

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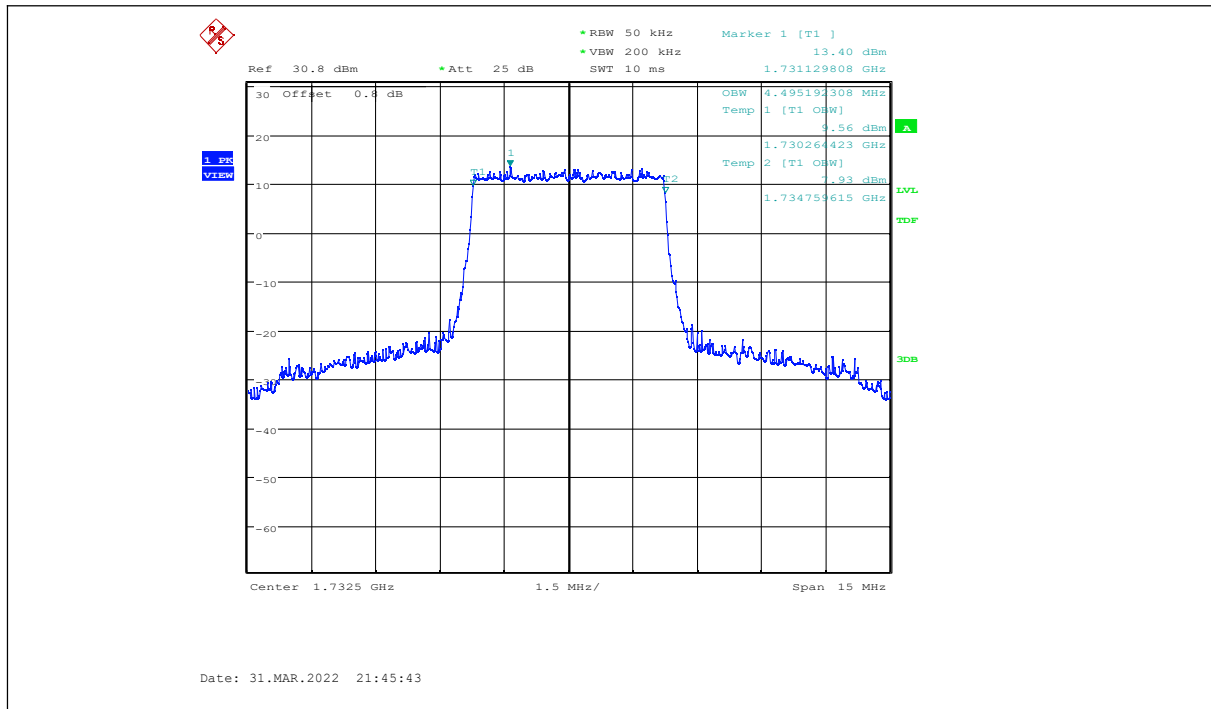
LTE band 4,5MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1732.5	4.495	4.495



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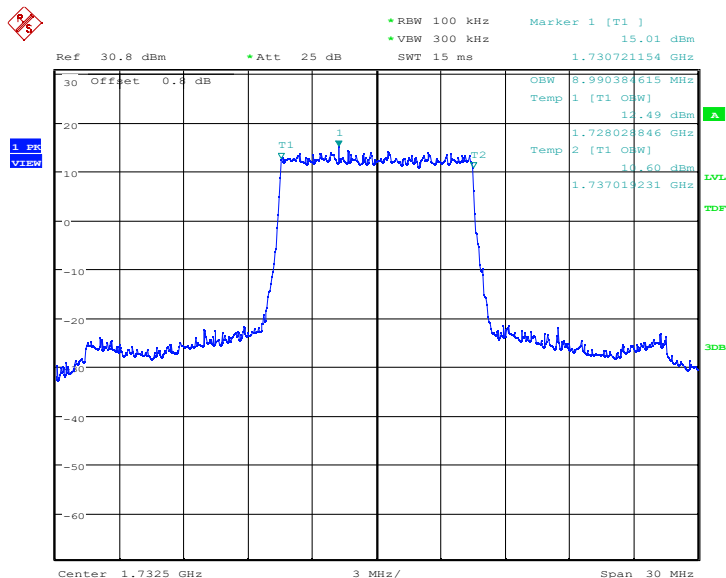
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LTE band 4,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1732.5	8.990	9.038

LTE band 4 , 10MHz Bandwidth,QPSK (99% BW)



Date: 31.MAR.2022 21:46:12

LTE band 4 , 10MHz Bandwidth,16QAM (99% BW)

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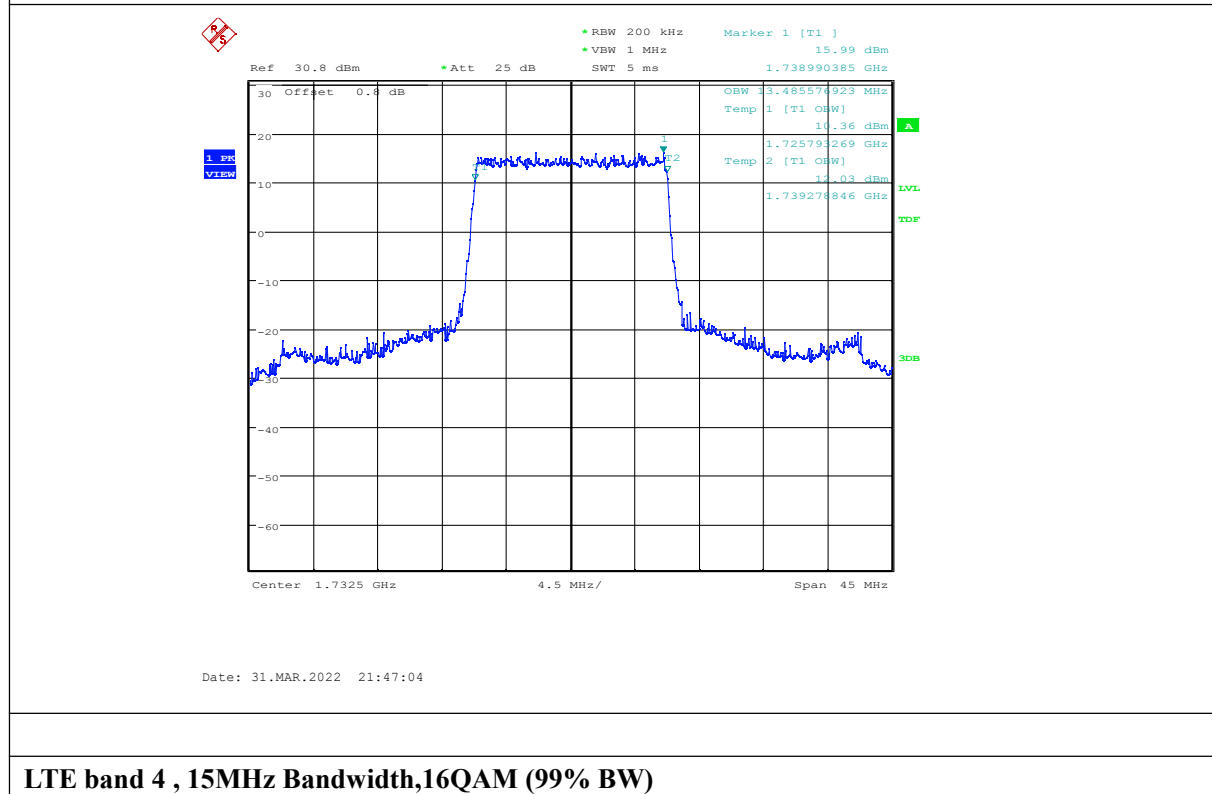


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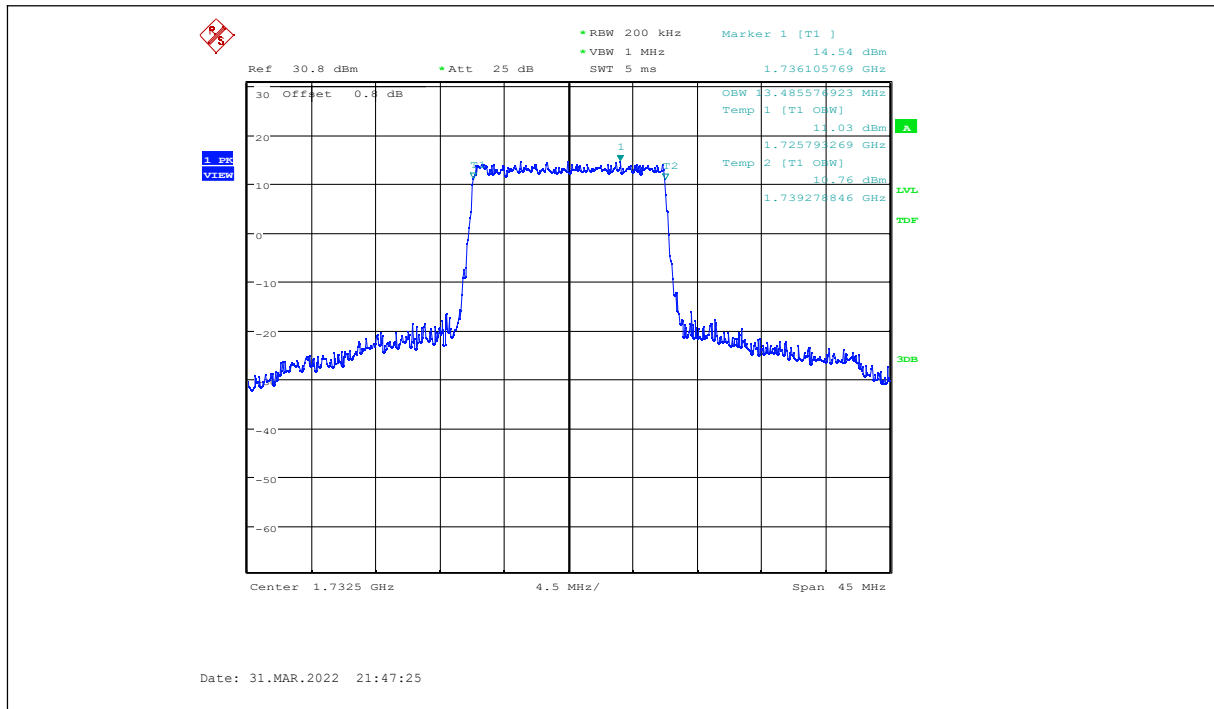
LTE band 4,15MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1732.5	13.486	13.486

LTE band 4 , 15MHz Bandwidth,QPSK (99% BW)



LTE band 4 , 15MHz Bandwidth,16QAM (99% BW)



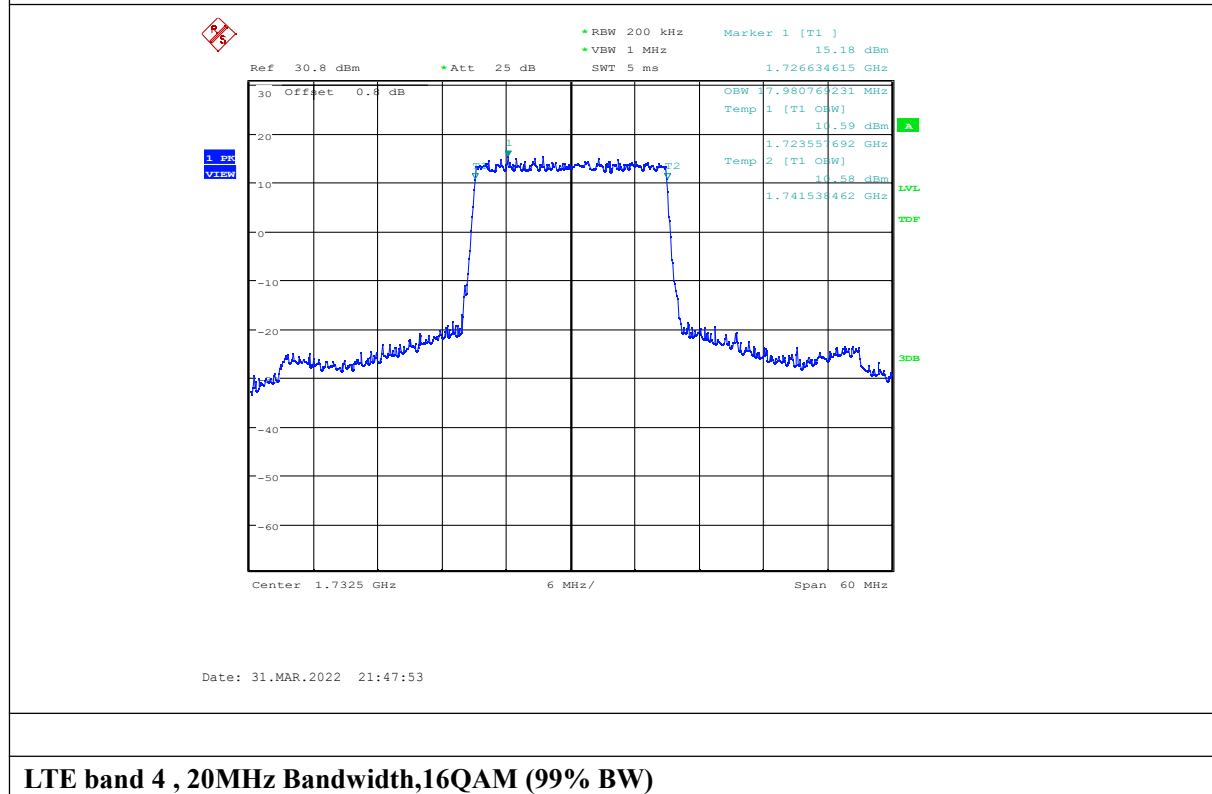
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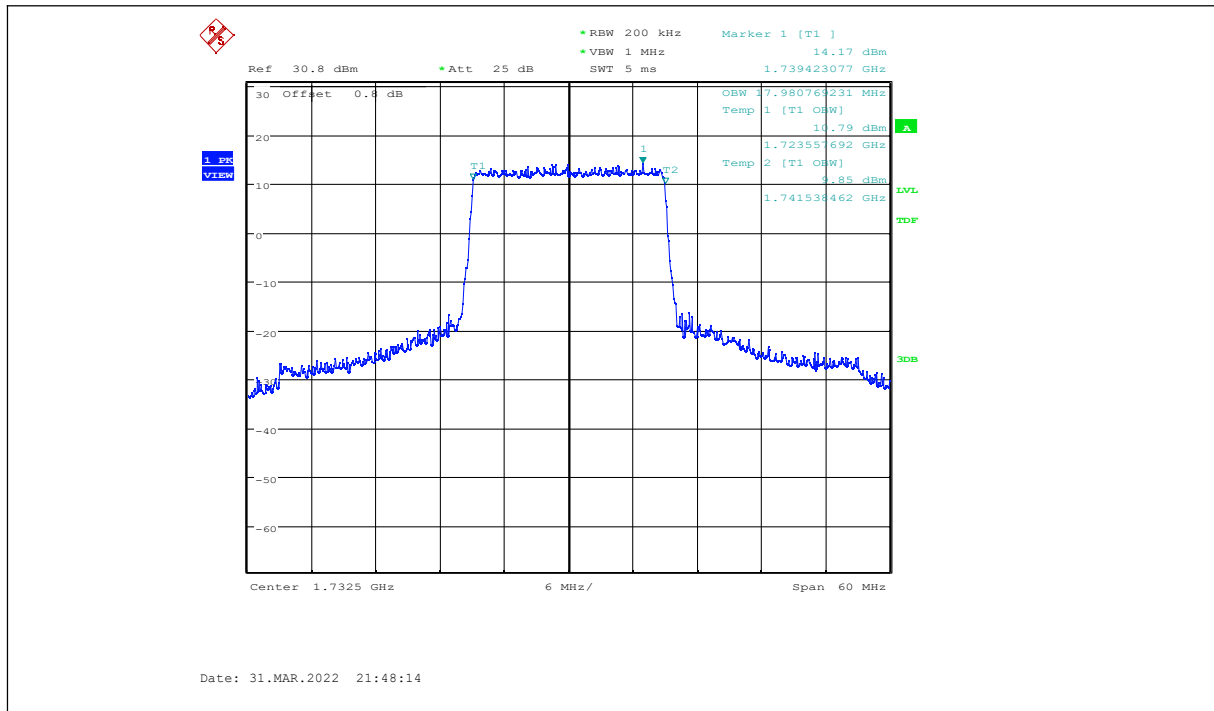
LTE band 4,20MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1732.5	17.981	17.981

LTE band 4 , 20MHz Bandwidth,QPSK (99% BW)



LTE band 4 , 20MHz Bandwidth,16QAM (99% BW)



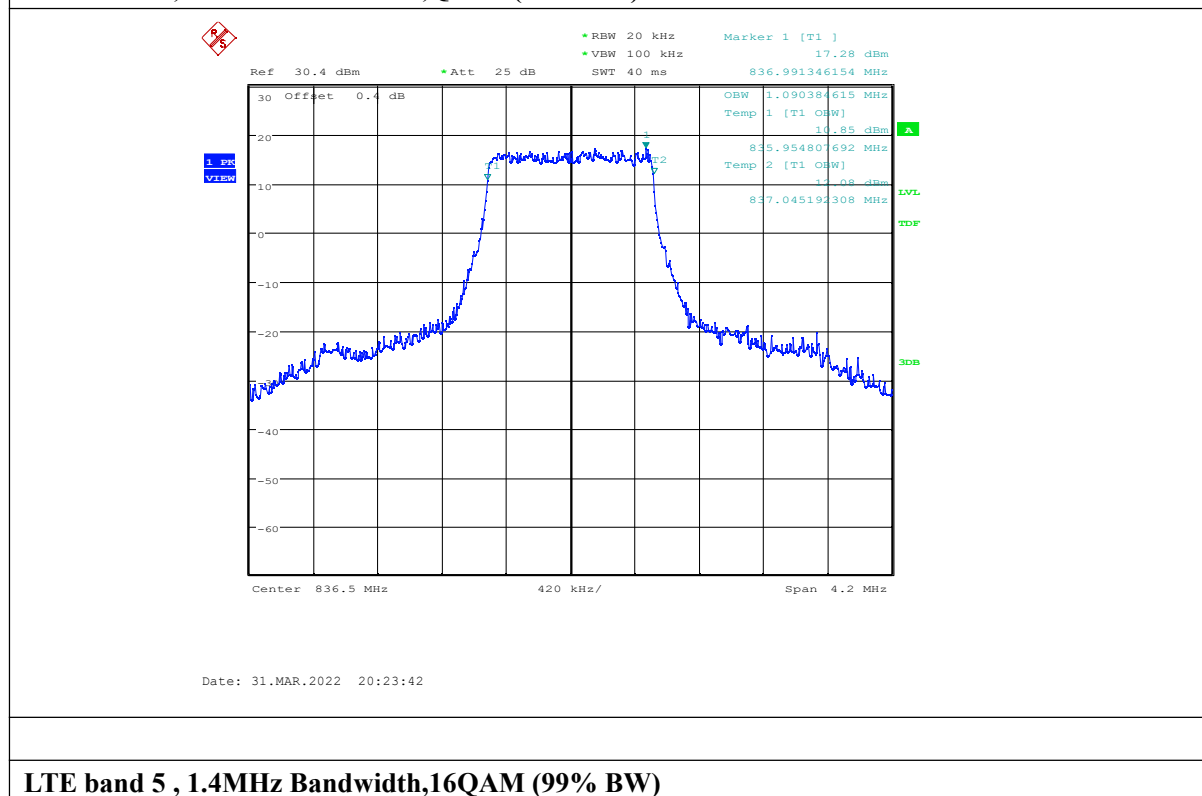
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LTE band 5,1.4MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
836.5	1.090	1.090

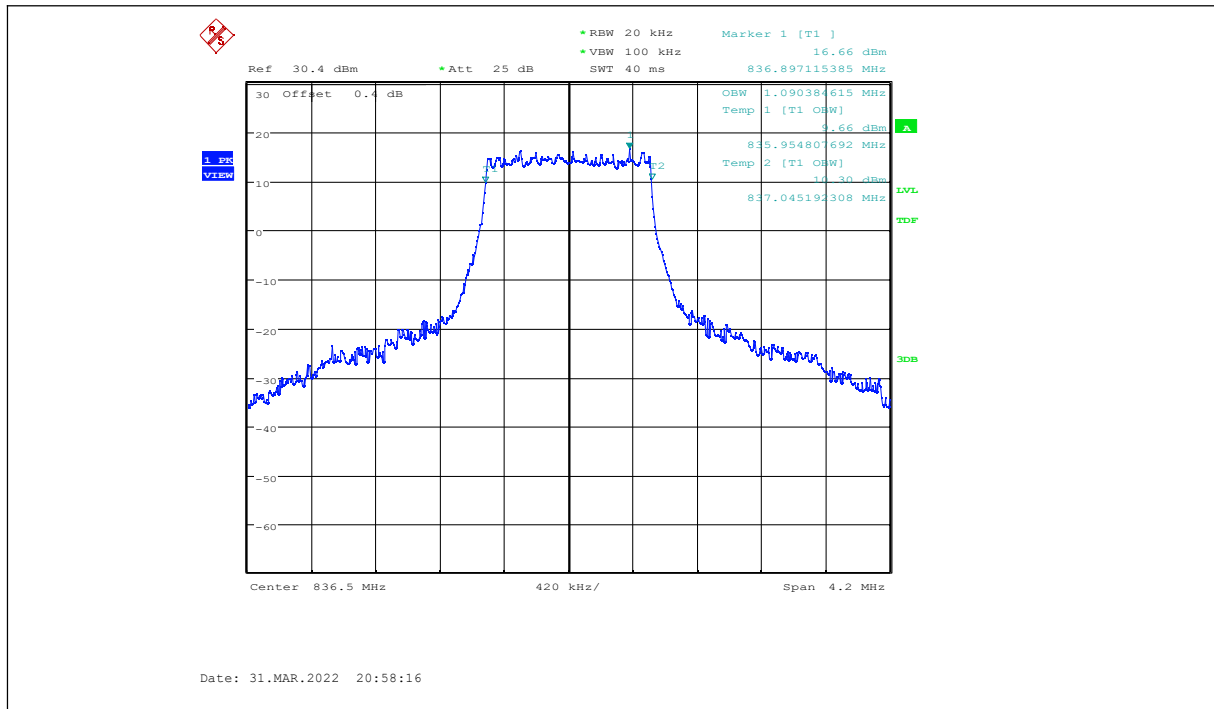
LTE band 5 , 1.4MHz Bandwidth,QPSK (99% BW)



LTE band 5 , 1.4MHz Bandwidth,16QAM (99% BW)

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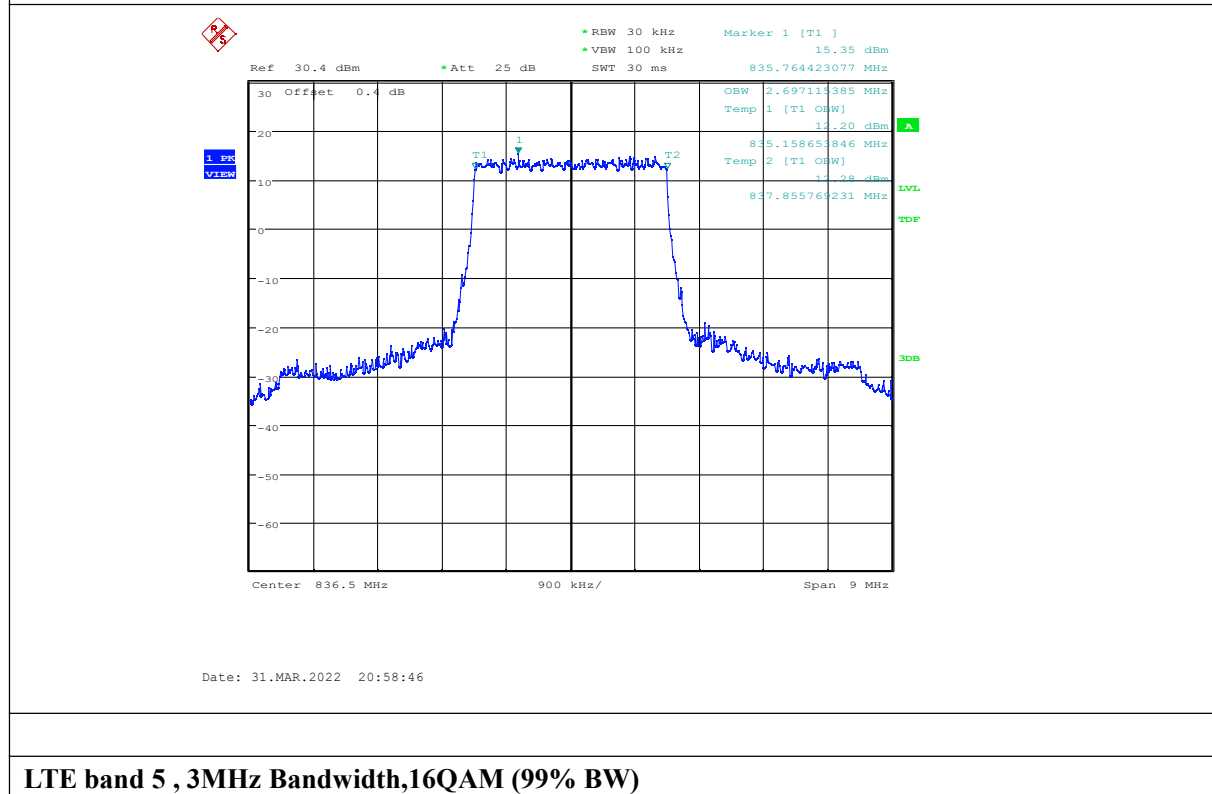
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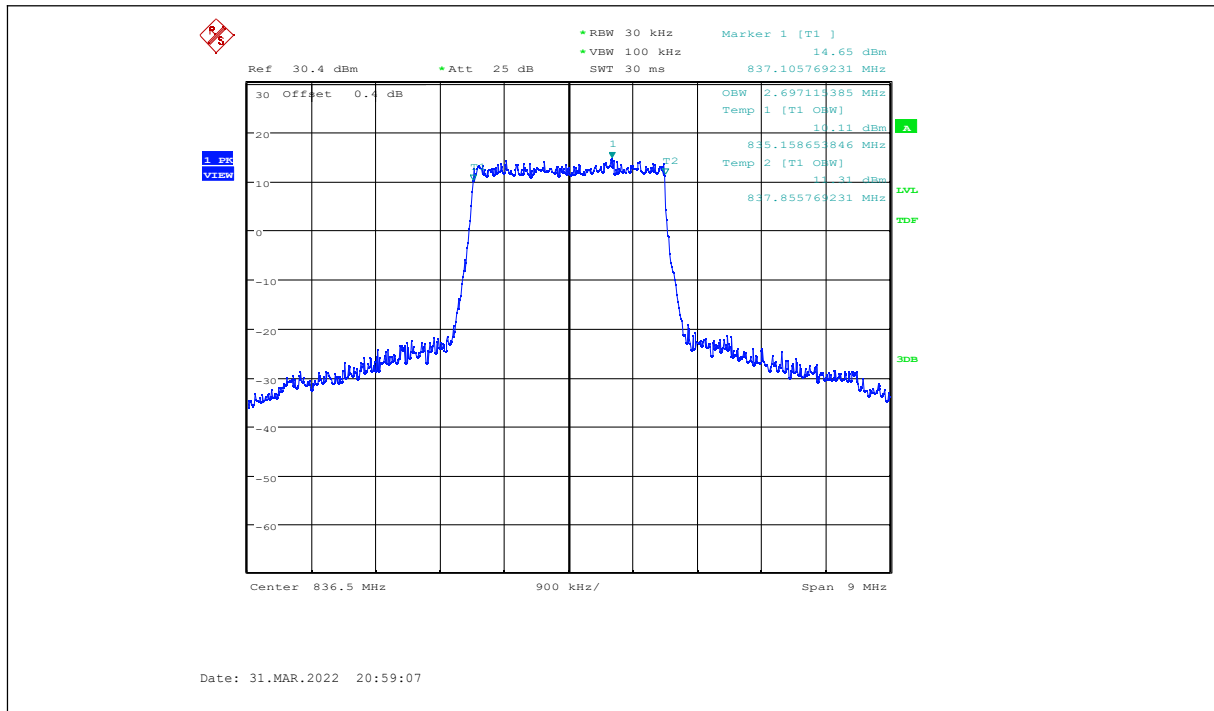
LTE band 5,3MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
836.5	2.697	2.697

LTE band 5 , 3MHz Bandwidth,QPSK (99% BW)



LTE band 5 , 3MHz Bandwidth,16QAM (99% BW)



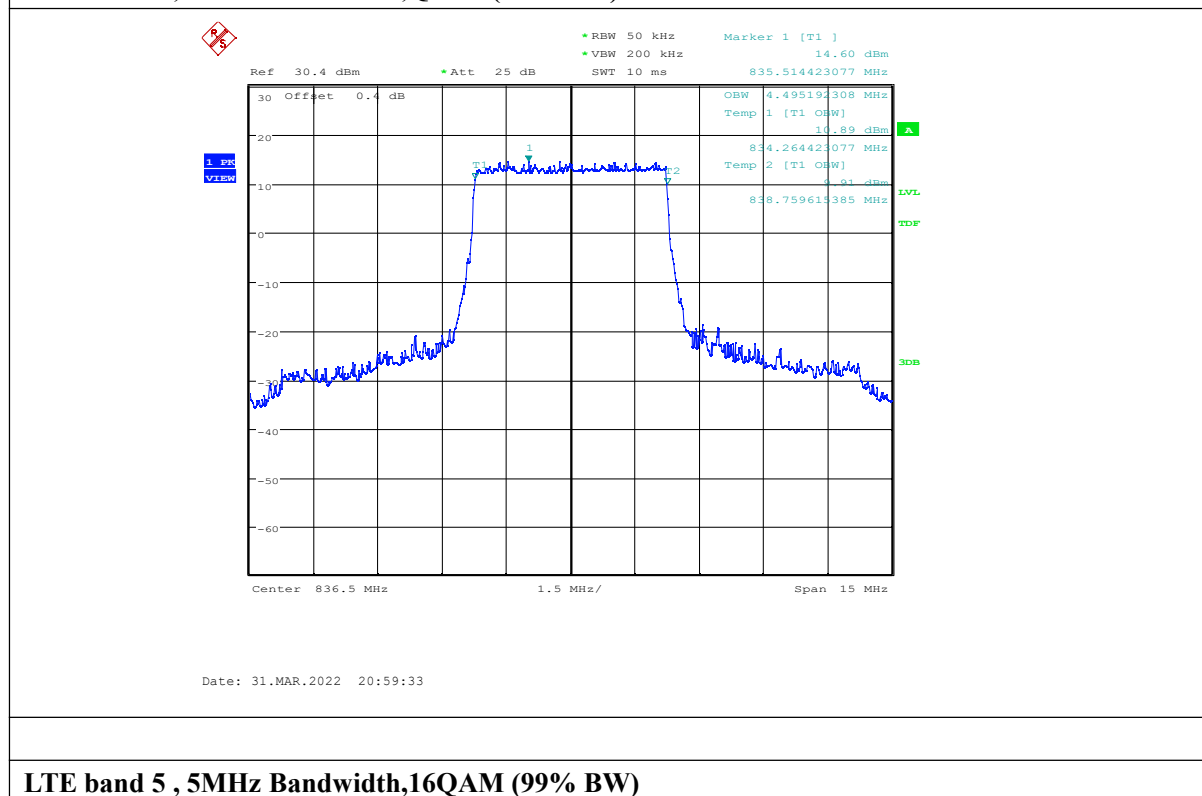
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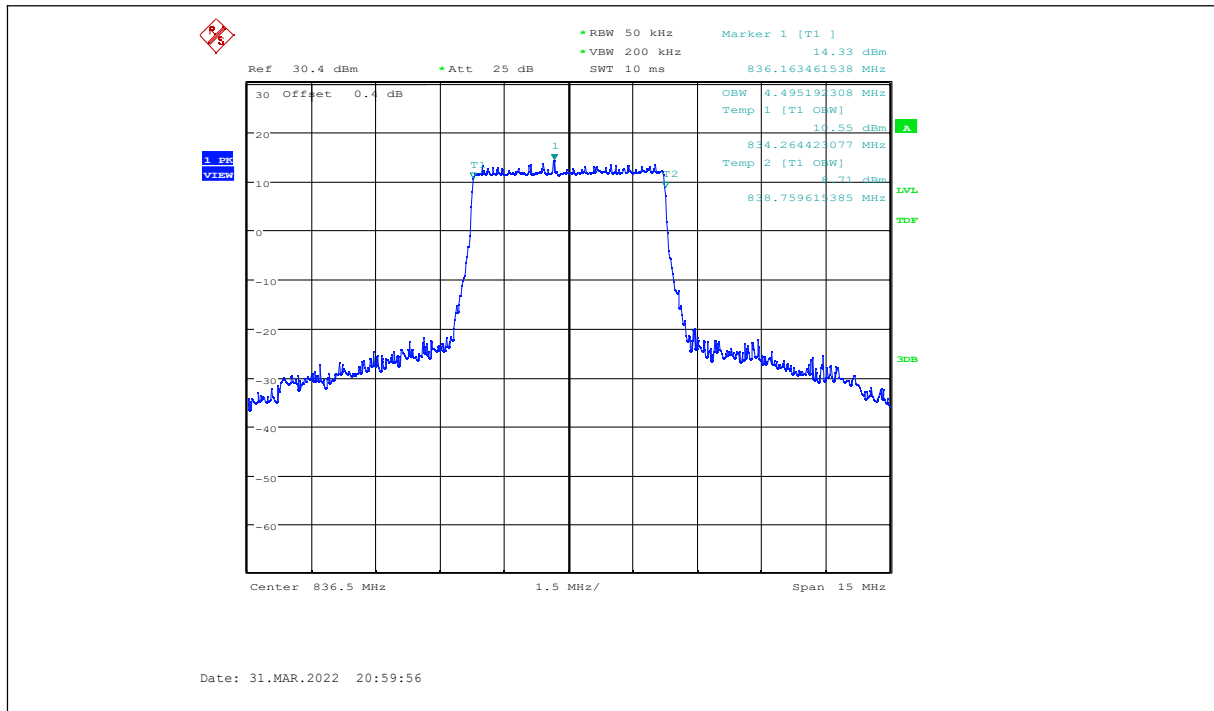
LTE band 5,5MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
836.5	4.495	4.495

LTE band 5 , 5MHz Bandwidth,QPSK (99% BW)



LTE band 5 , 5MHz Bandwidth,16QAM (99% BW)



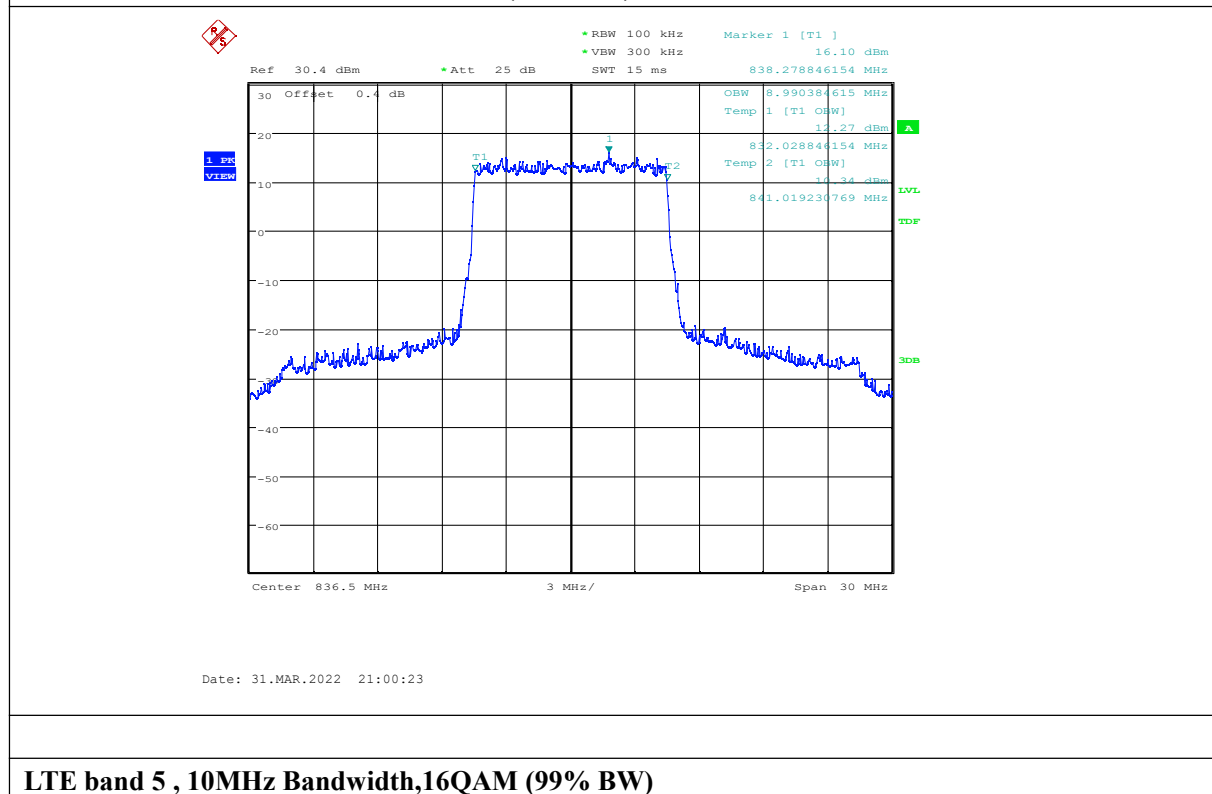
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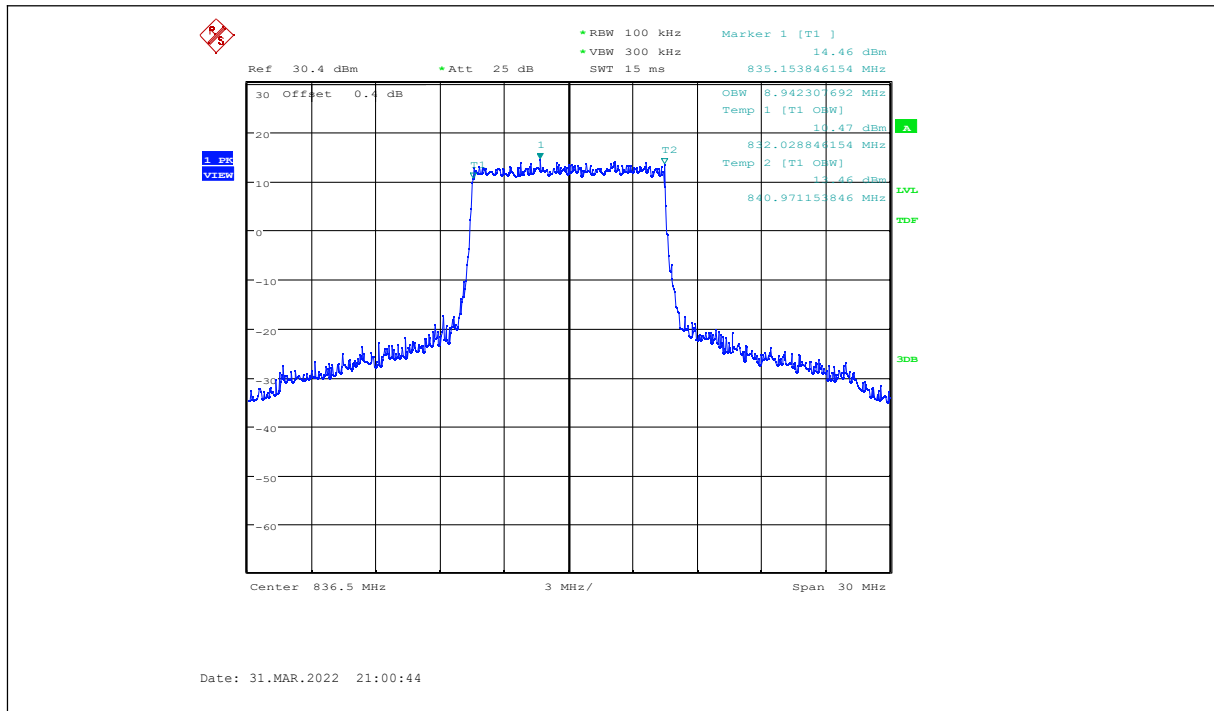
LTE band 5,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
836.5	8.990	8.942

LTE band 5 , 10MHz Bandwidth,QPSK (99% BW)



LTE band 5 , 10MHz Bandwidth,16QAM (99% BW)



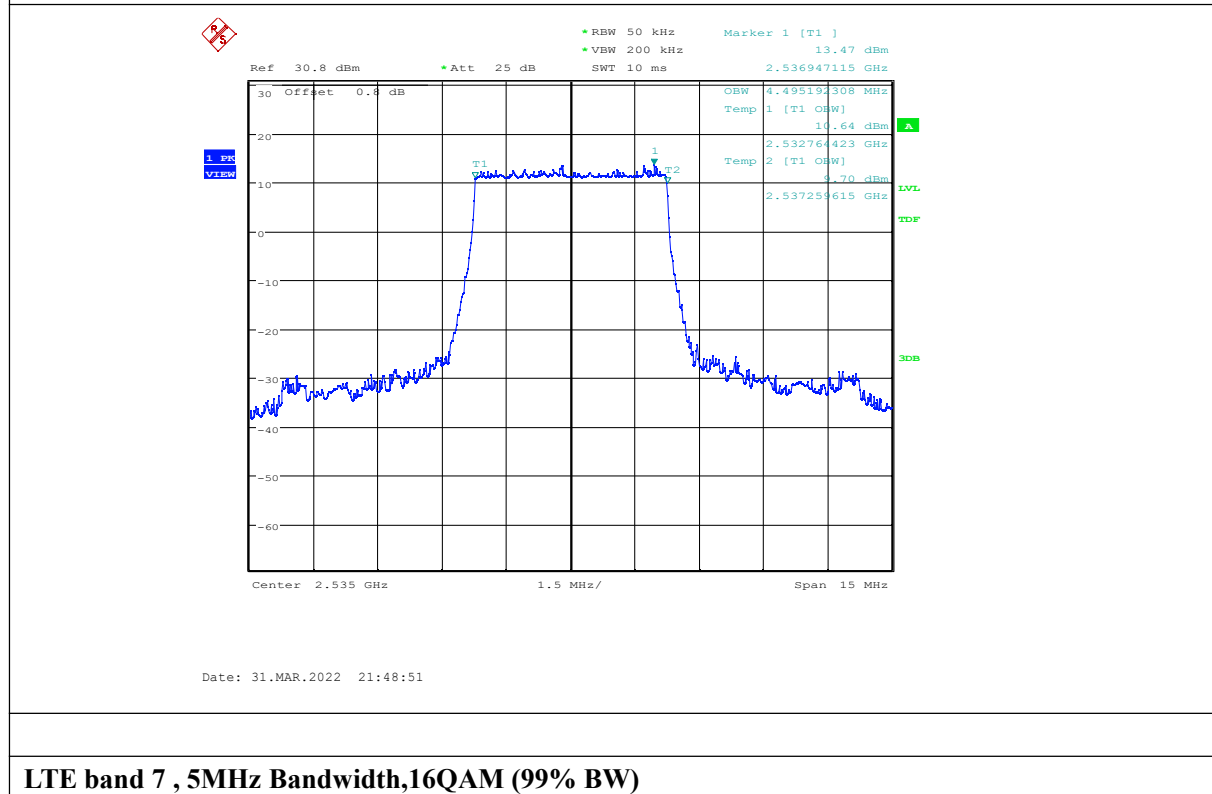
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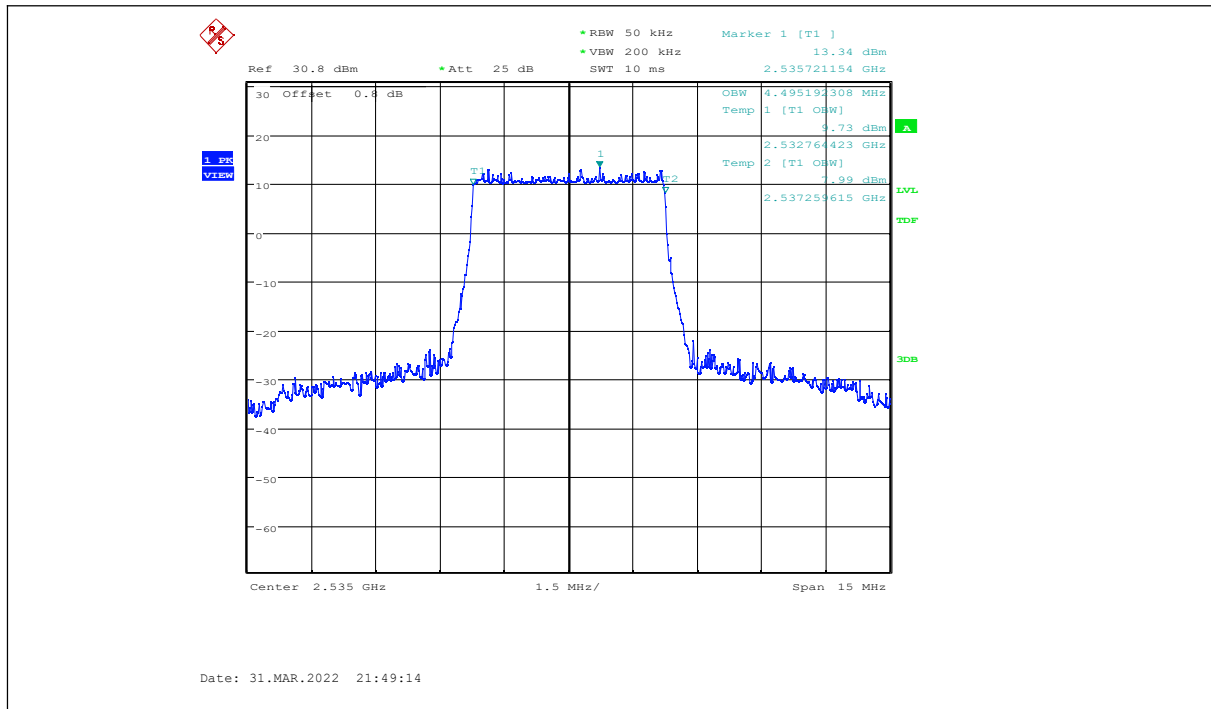
LTE band 7,5MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
2535	4.495	4.495

LTE band 7 , 5MHz Bandwidth,QPSK (99% BW)



LTE band 7 , 5MHz Bandwidth,16QAM (99% BW)



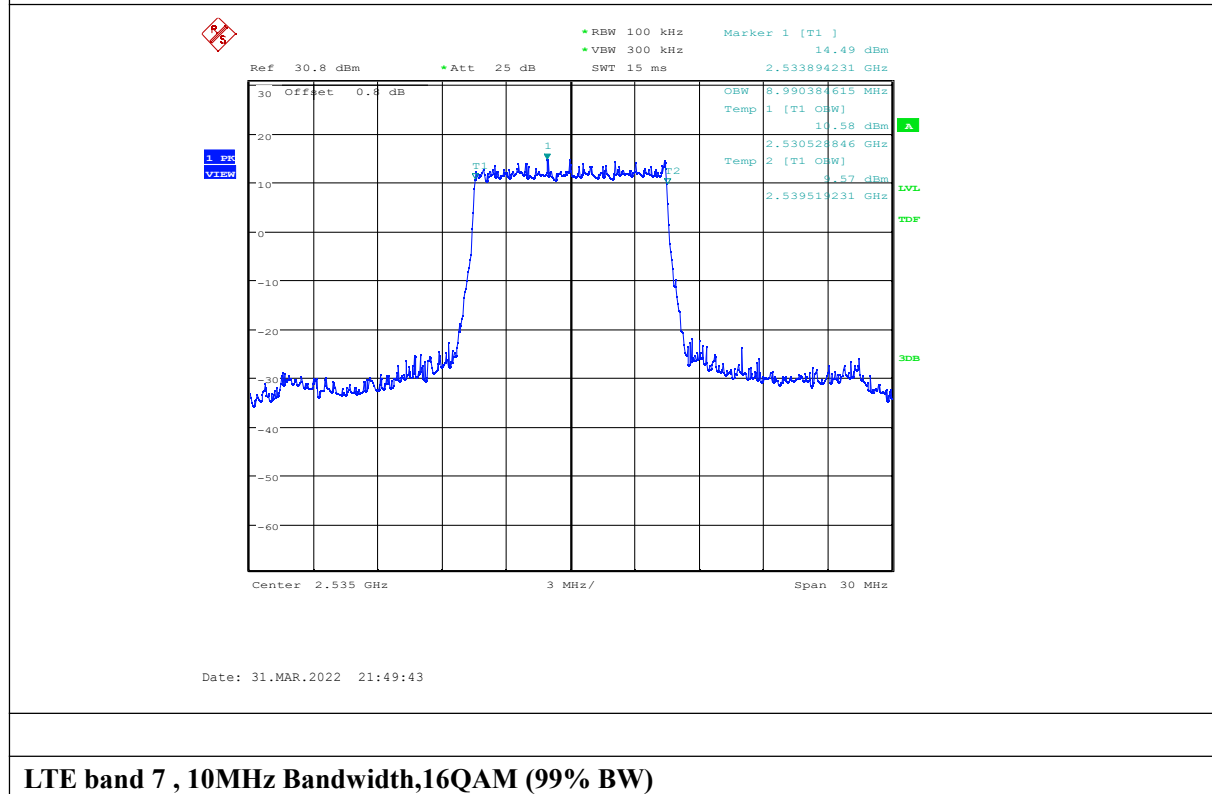
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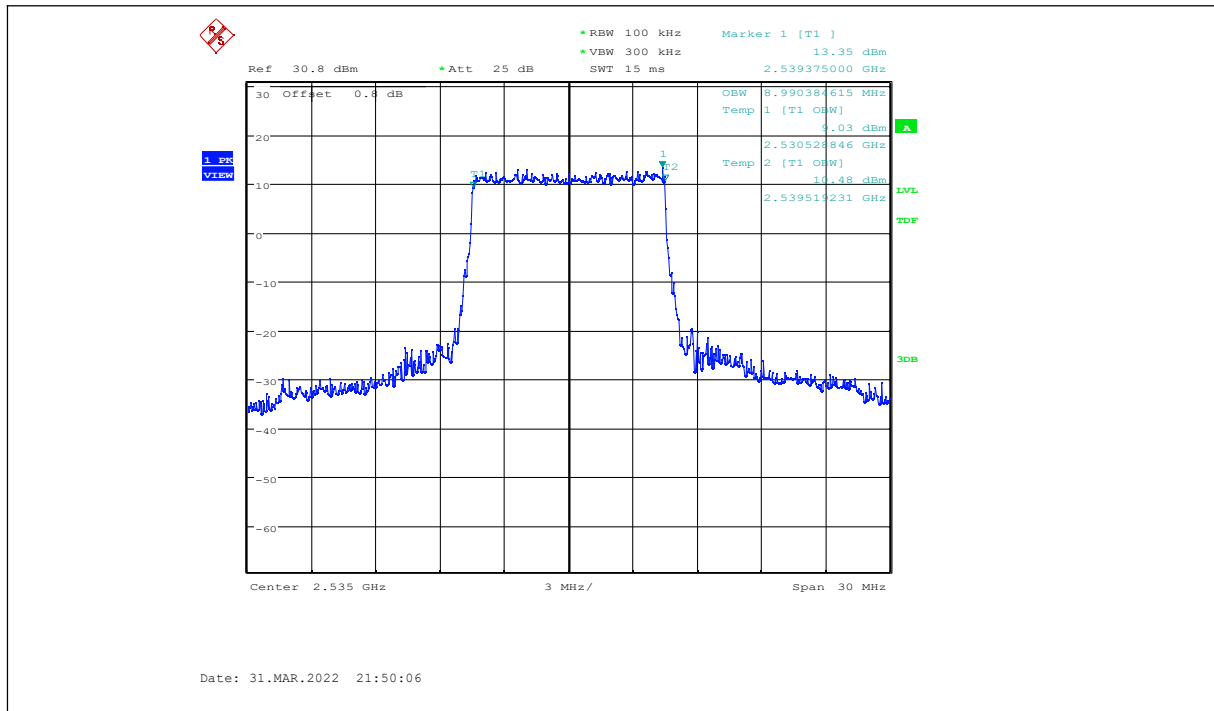
LTE band 7,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
2535	8.990	8.990

LTE band 7 , 10MHz Bandwidth,QPSK (99% BW)



LTE band 7 , 10MHz Bandwidth,16QAM (99% BW)



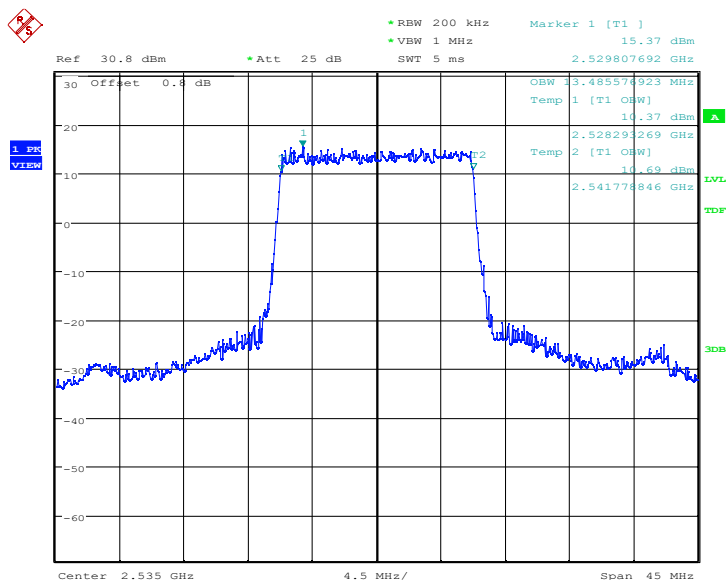
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LTE band 7,15MHz(99%)

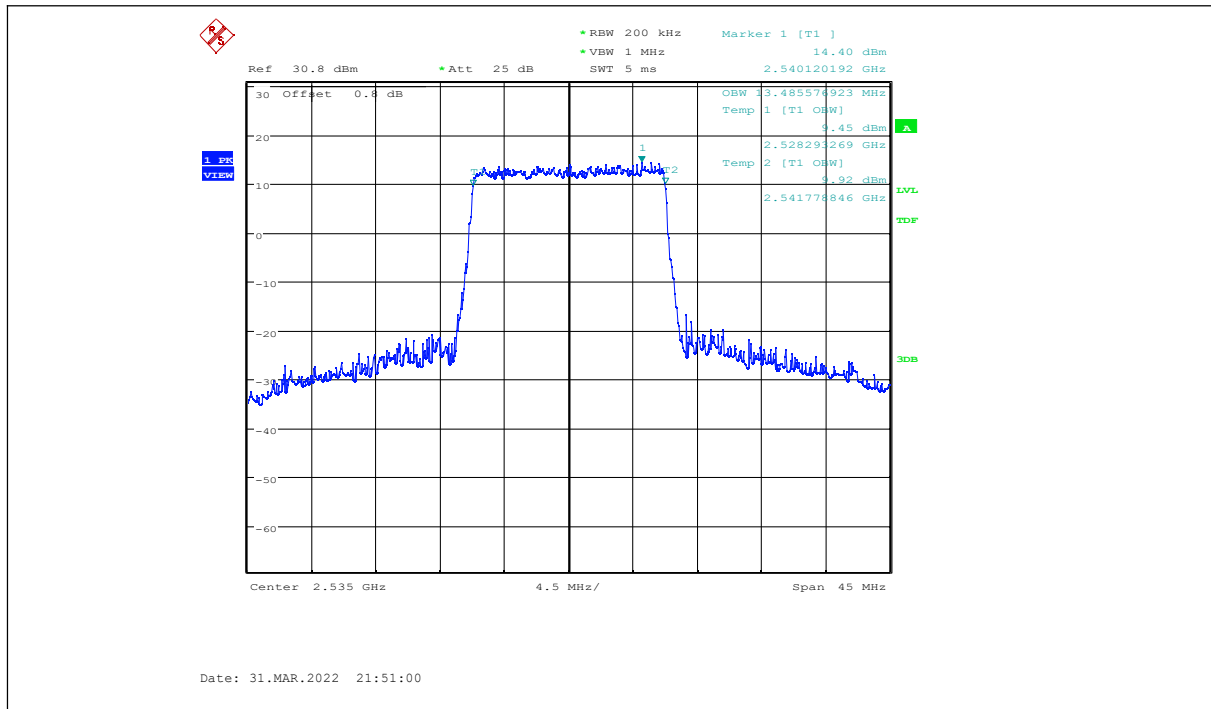
Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
2535	13.486	13.486

LTE band 7 , 15MHz Bandwidth,QPSK (99% BW)



Date: 31.MAR.2022 21:50:36

LTE band 7 , 15MHz Bandwidth,16QAM (99% BW)



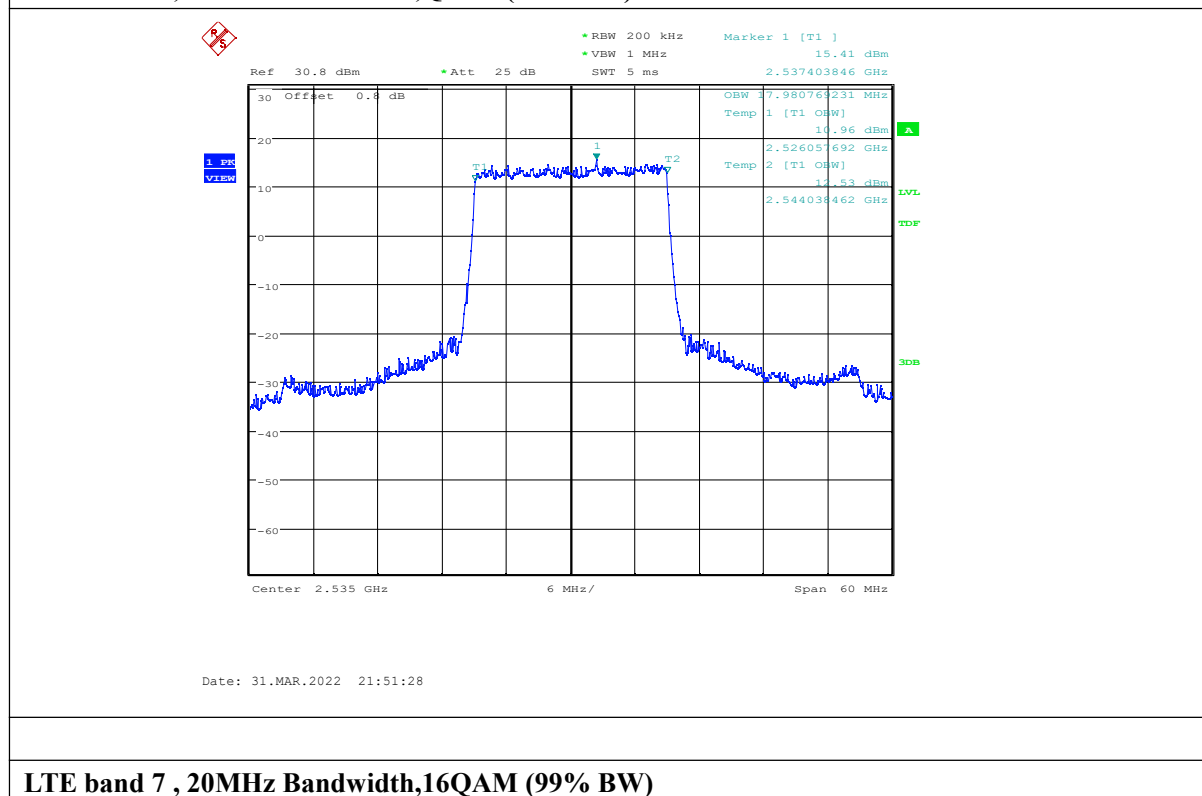
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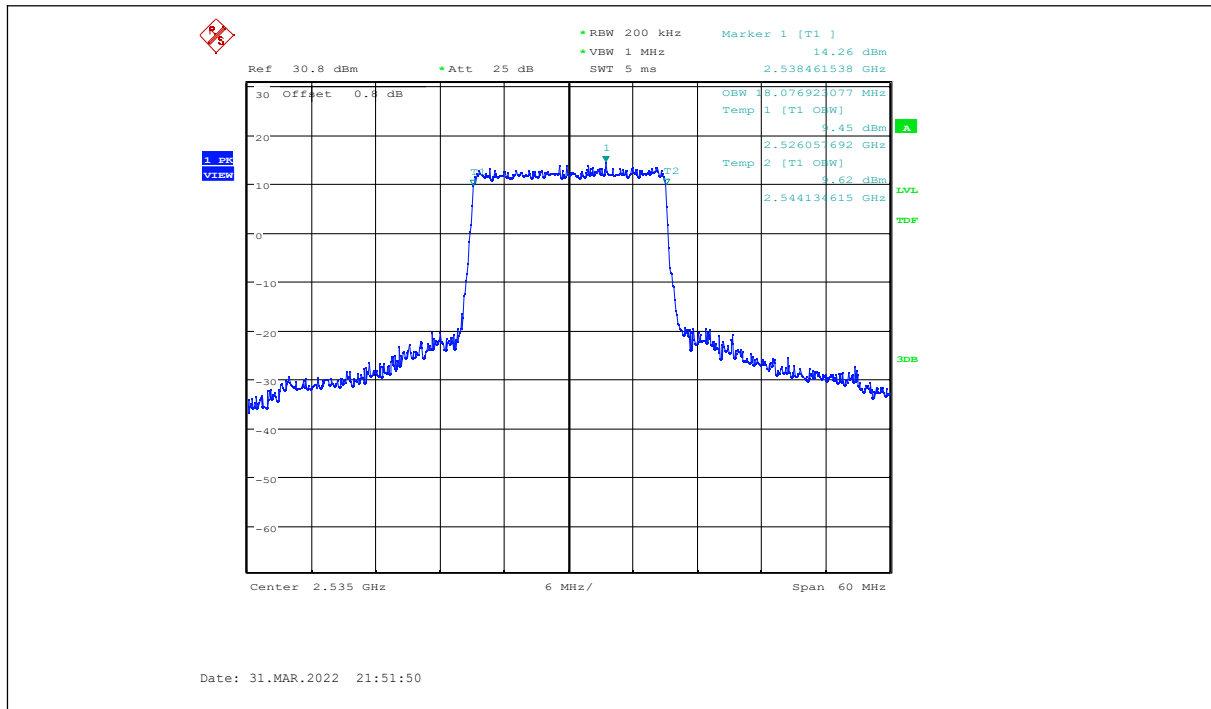
LTE band 7,20MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
2535	17.981	18.077

LTE band 7 , 20MHz Bandwidth,QPSK (99% BW)



LTE band 7 , 20MHz Bandwidth,16QAM (99% BW)



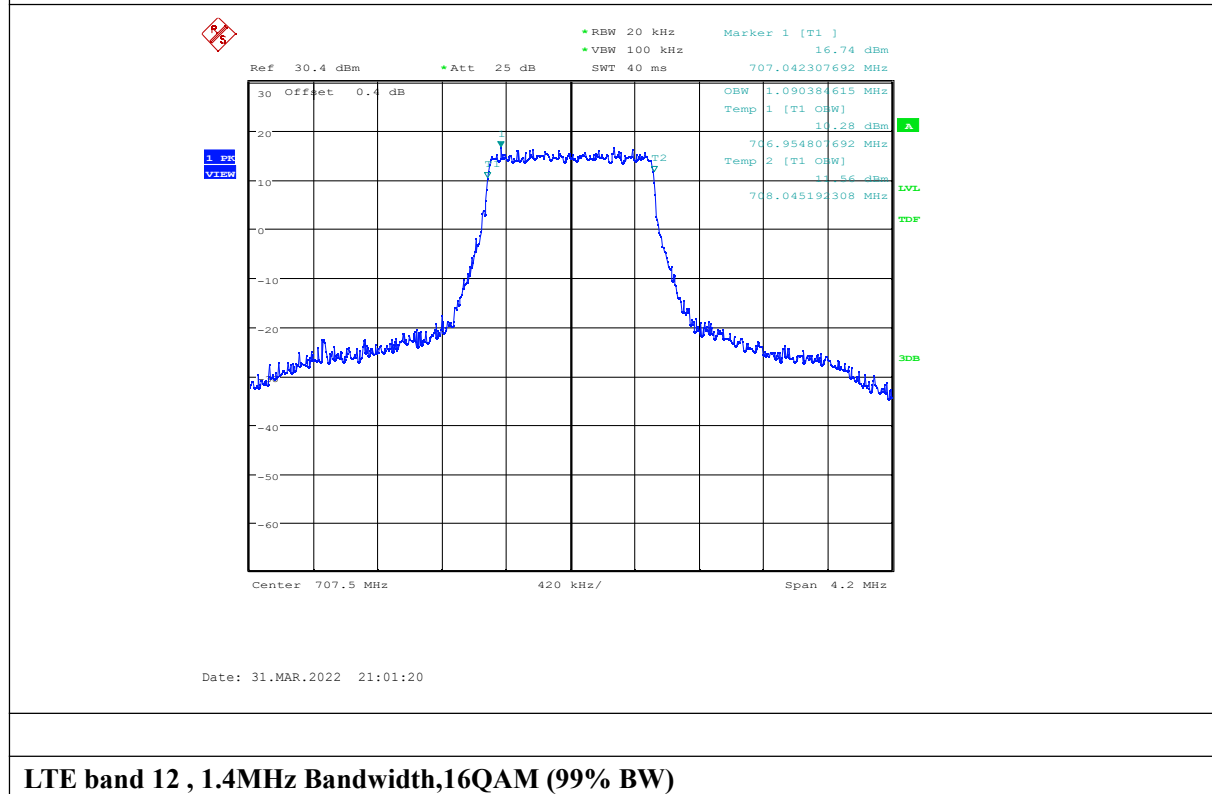
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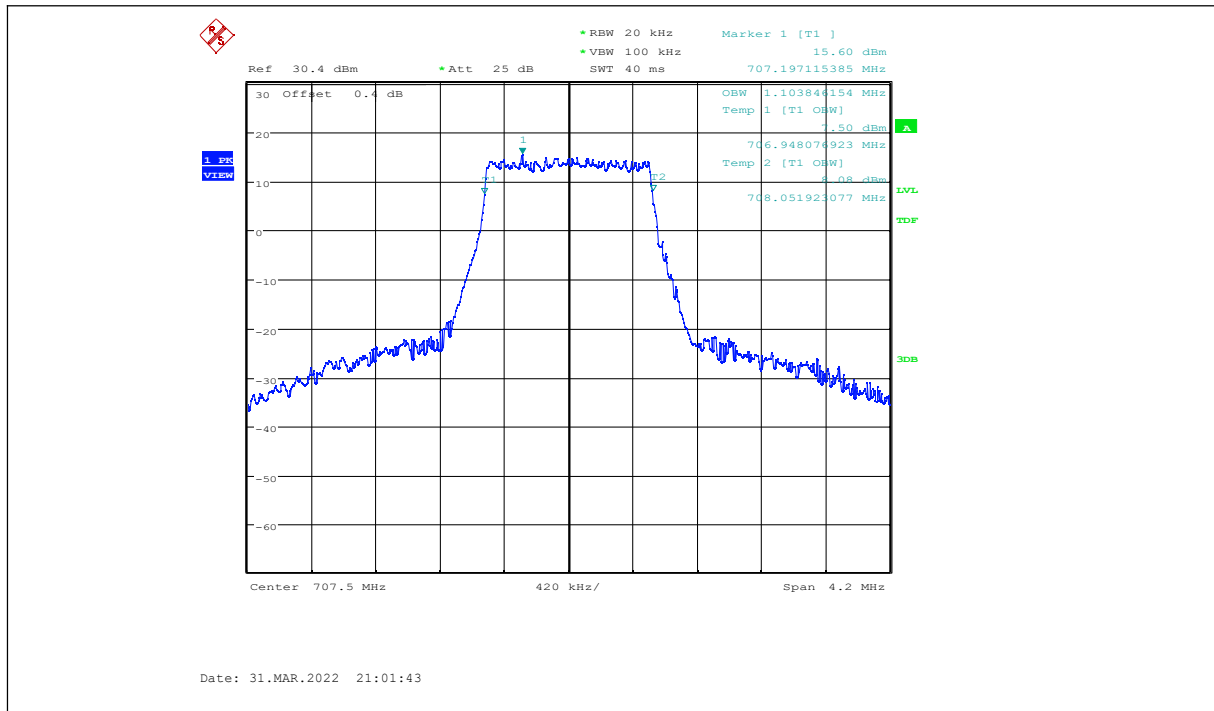
LTE band 12,1.4MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
707.5	1.090	1.104

LTE band 12 , 1.4MHz Bandwidth,QPSK (99% BW)



LTE band 12 , 1.4MHz Bandwidth,16QAM (99% BW)



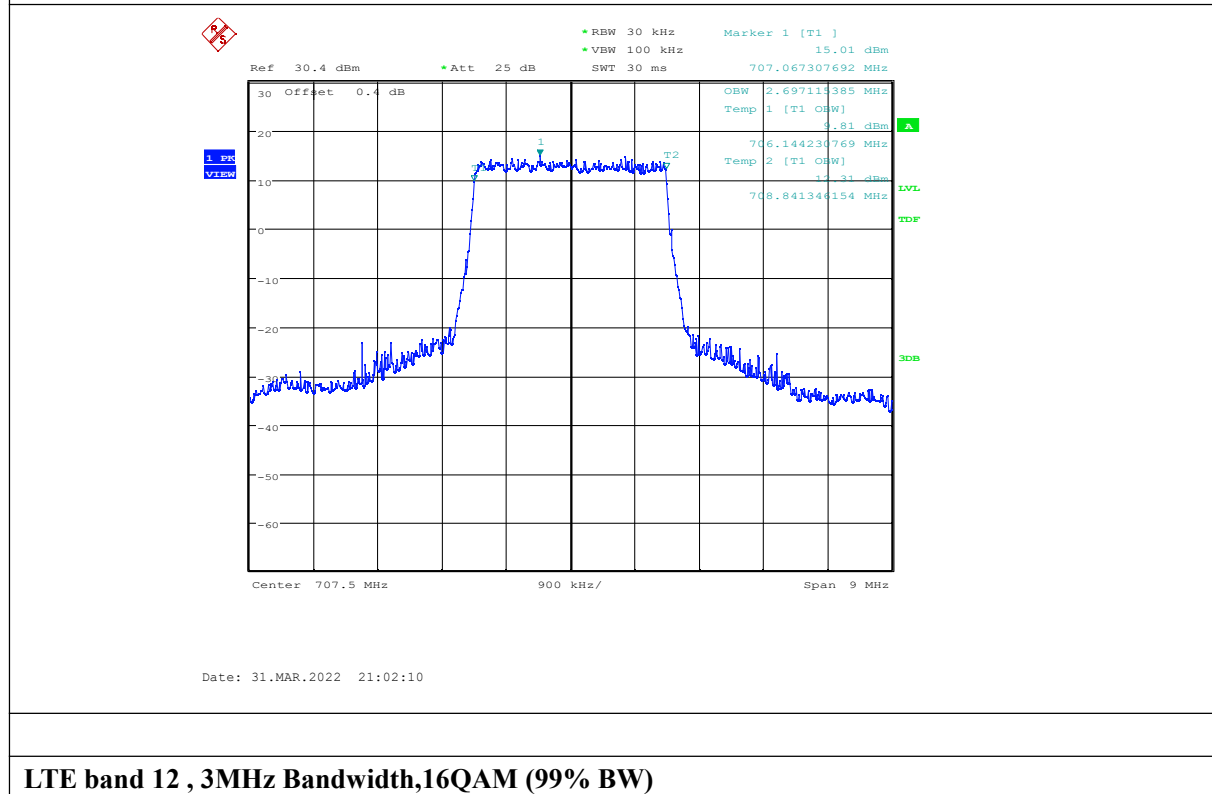
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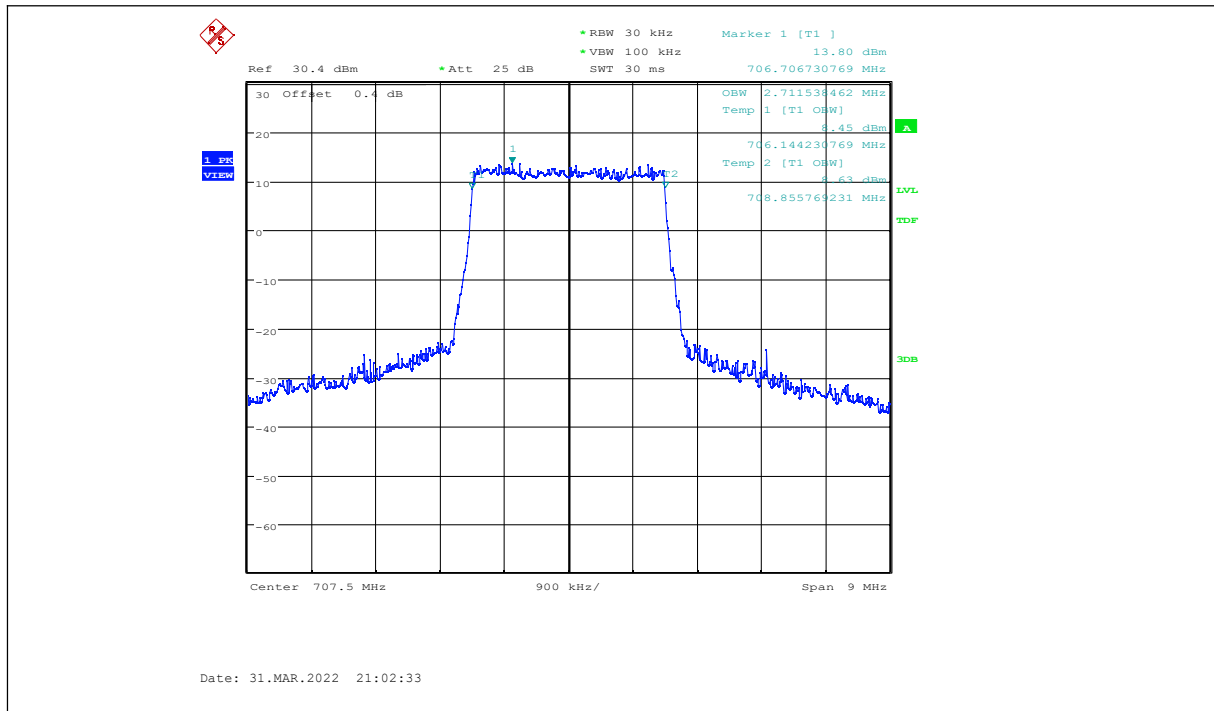
LTE band 12,3MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
707.5	2.697	2.712

LTE band 12 , 3MHz Bandwidth,QPSK (99% BW)



LTE band 12 , 3MHz Bandwidth,16QAM (99% BW)



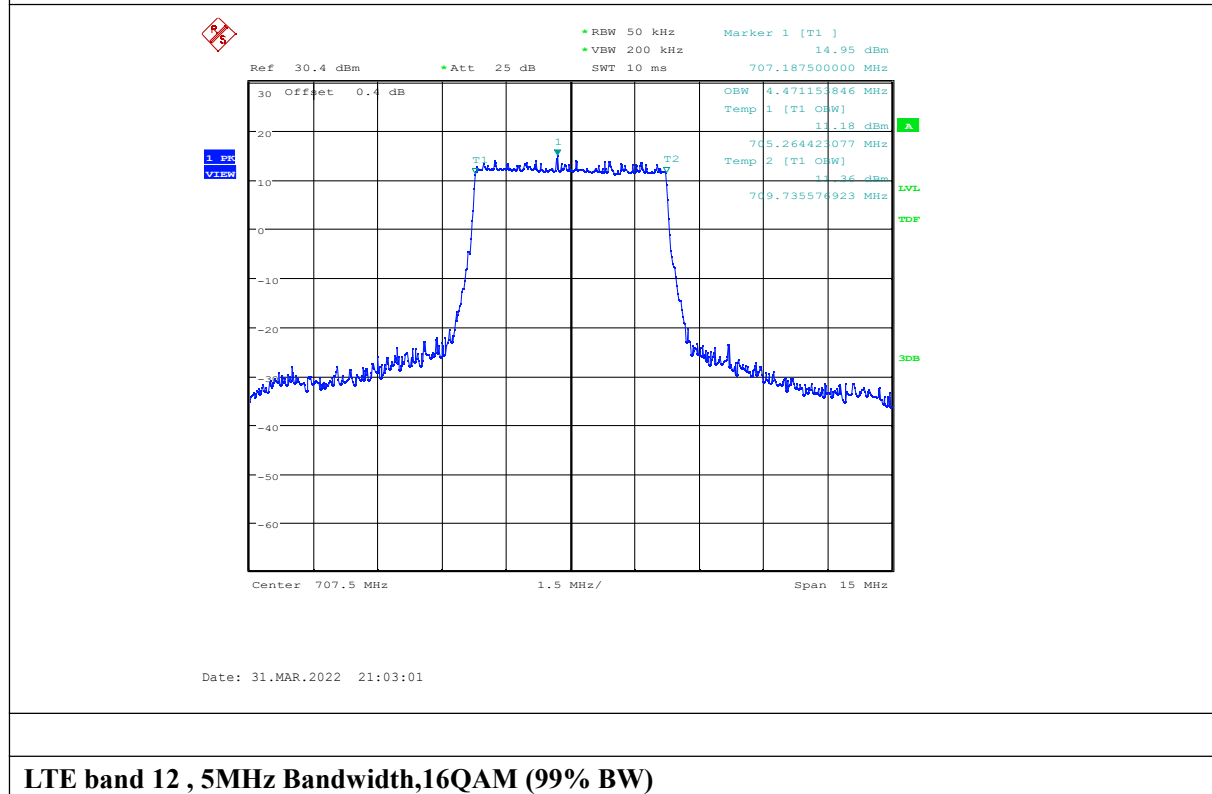
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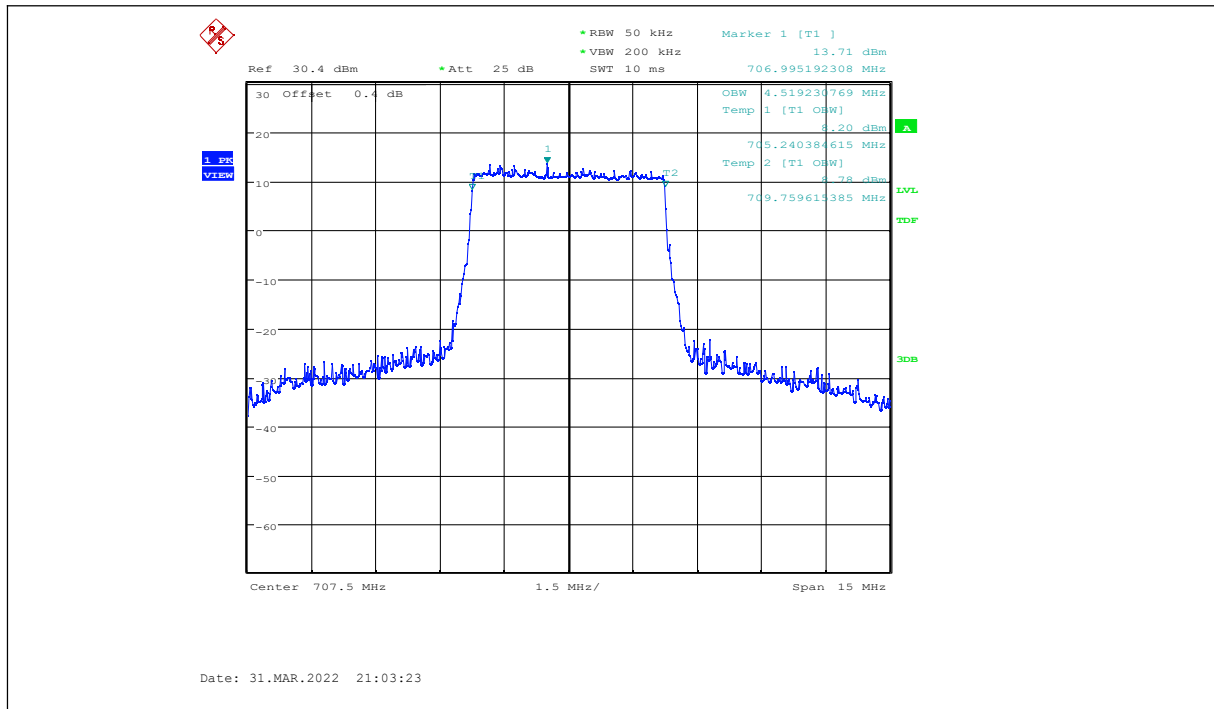
LTE band 12,5MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
707.5	4.471	4.519

LTE band 12 , 5MHz Bandwidth,QPSK (99% BW)



LTE band 12 , 5MHz Bandwidth,16QAM (99% BW)



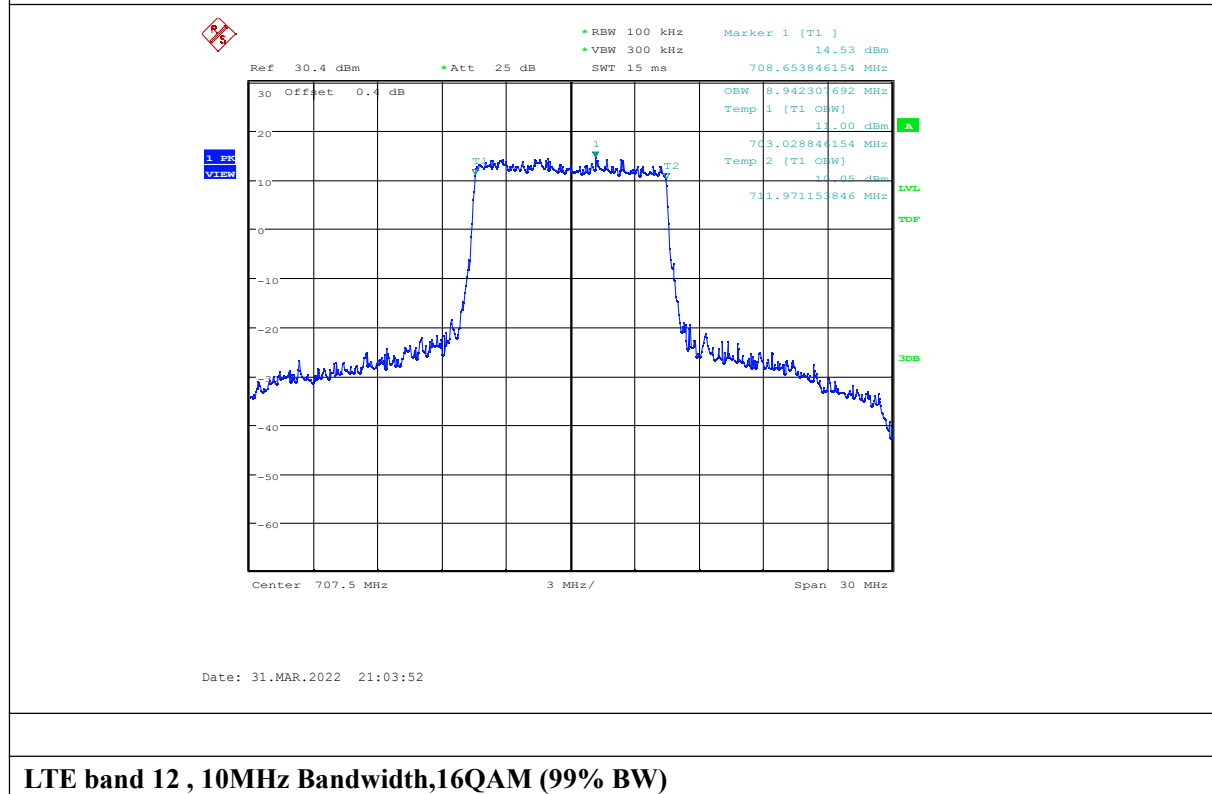
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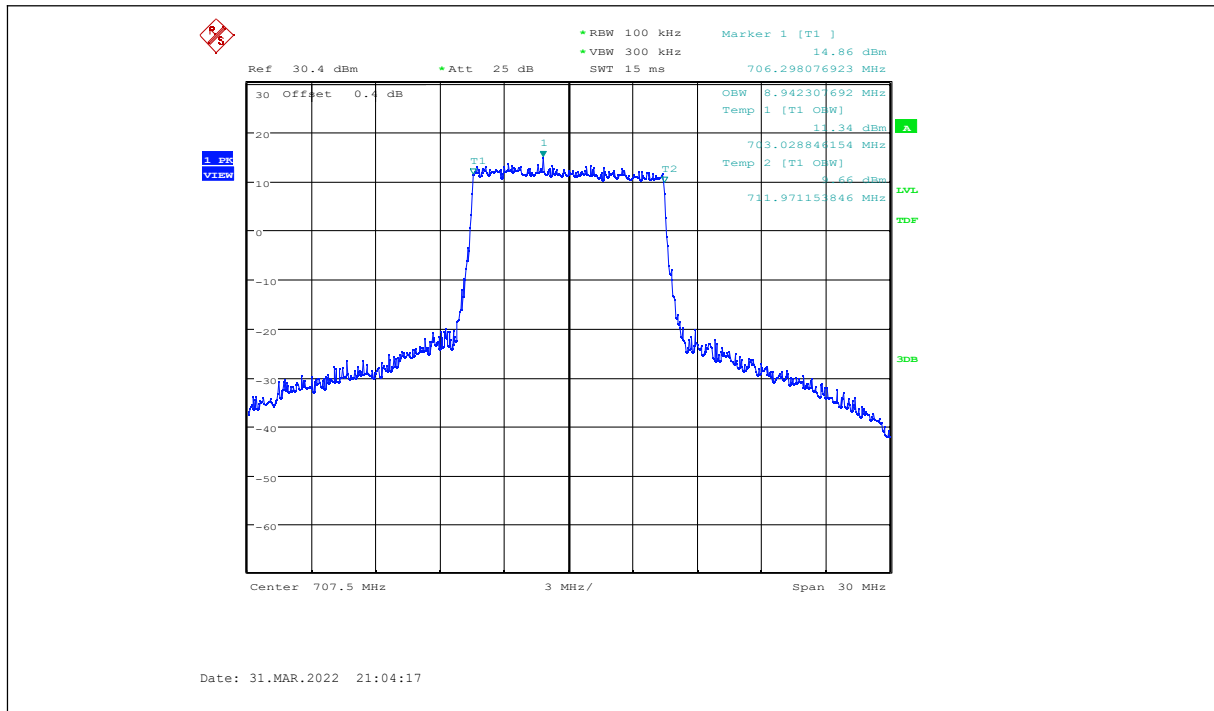
LTE band 12,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
707.5	8.942	8.942

LTE band 12 , 10MHz Bandwidth,QPSK (99% BW)



LTE band 12 , 10MHz Bandwidth,16QAM (99% BW)



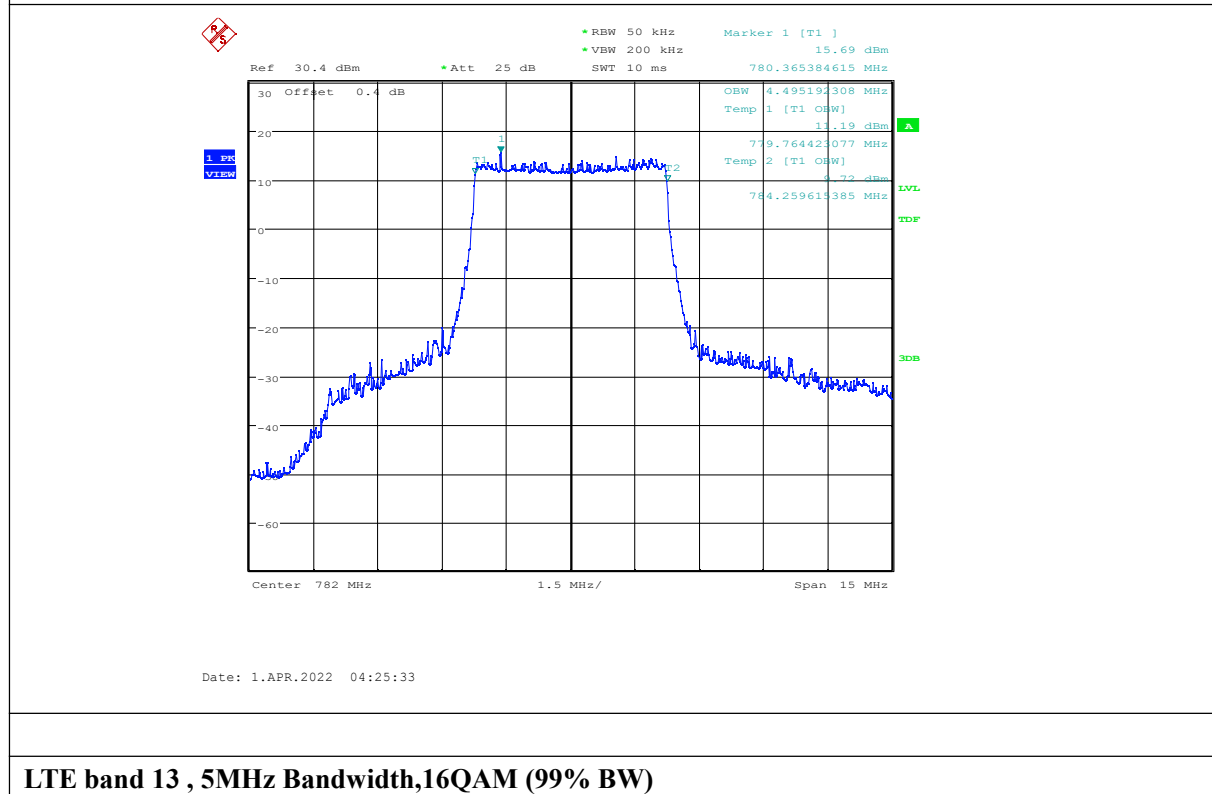
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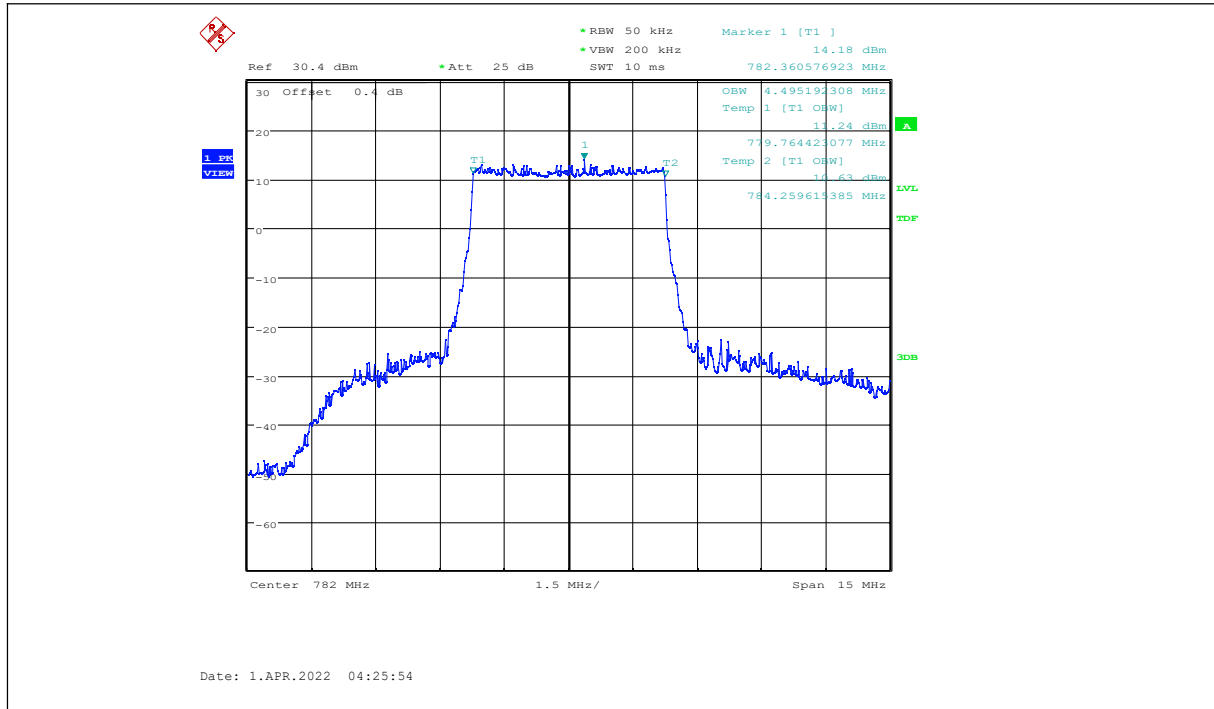
LTE band 13,5MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
782	4.495	4.495

LTE band 13 , 5MHz Bandwidth,QPSK (99% BW)



LTE band 13 , 5MHz Bandwidth,16QAM (99% BW)



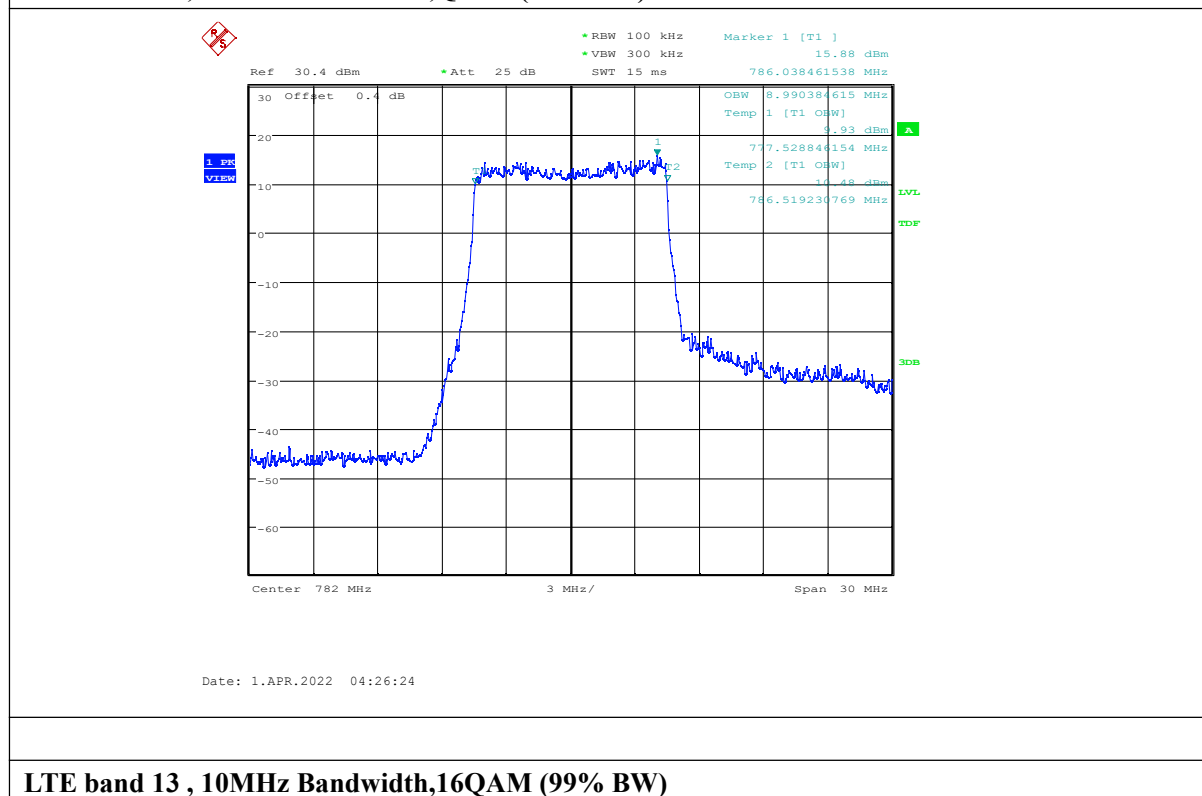
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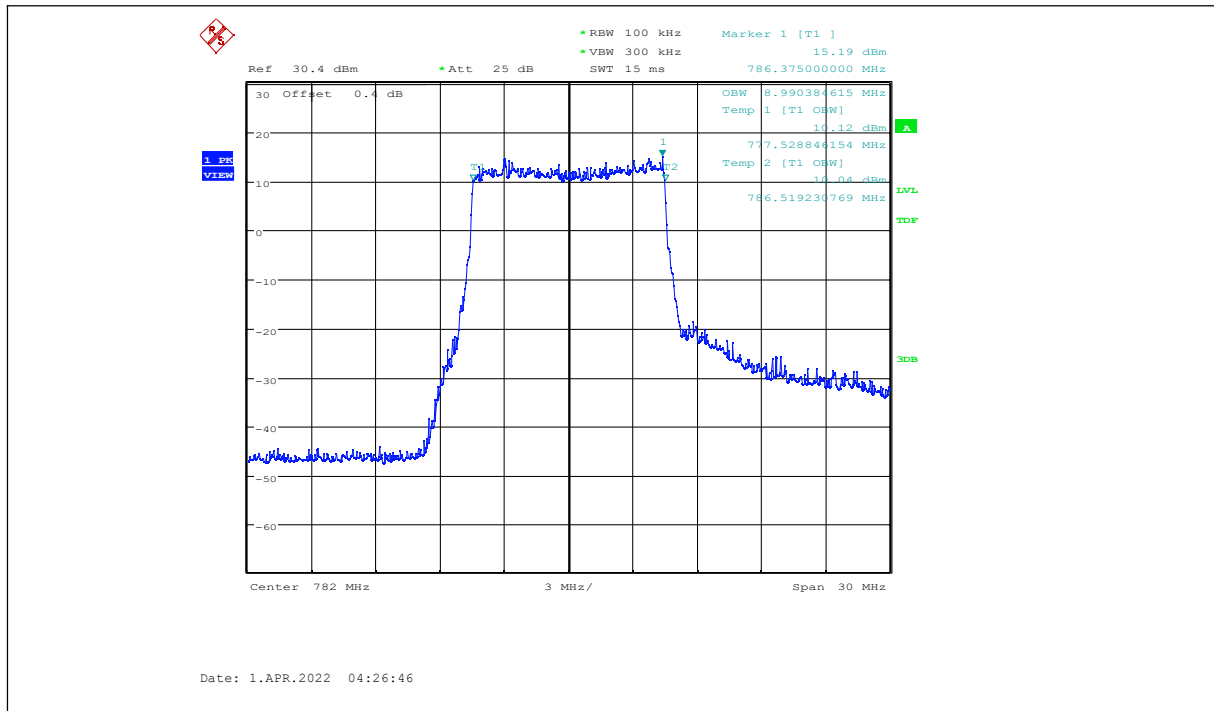
LTE band 13,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
782	8.990	8.990

LTE band 13 , 10MHz Bandwidth,QPSK (99% BW)



LTE band 13 , 10MHz Bandwidth,16QAM (99% BW)



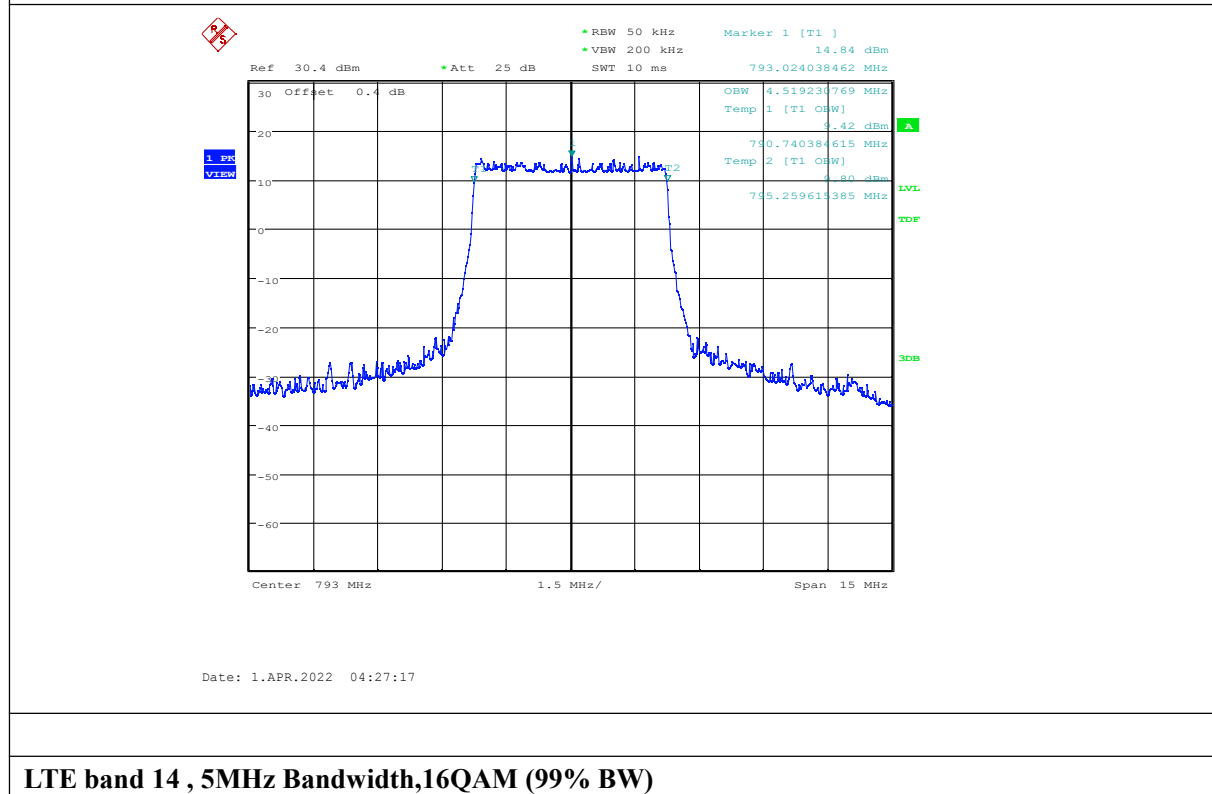
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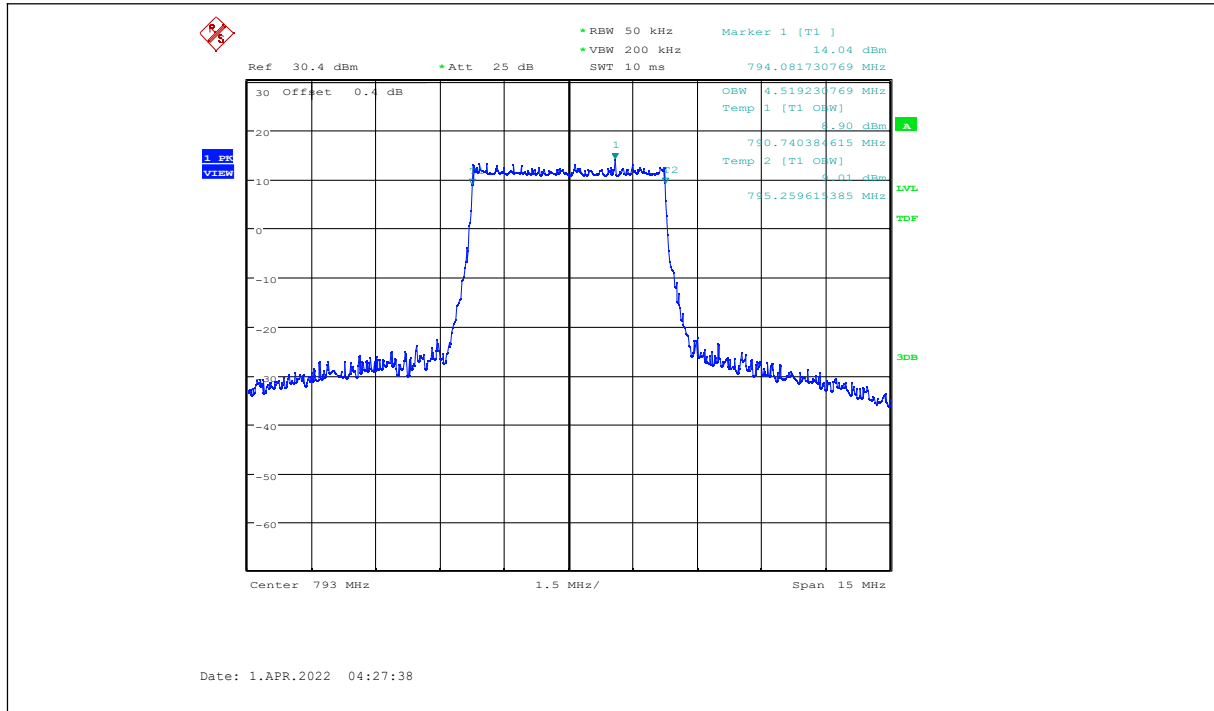
LTE band 14,5MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
793	4.519	4.519

LTE band 14 , 5MHz Bandwidth,QPSK (99% BW)



LTE band 14 , 5MHz Bandwidth,16QAM (99% BW)



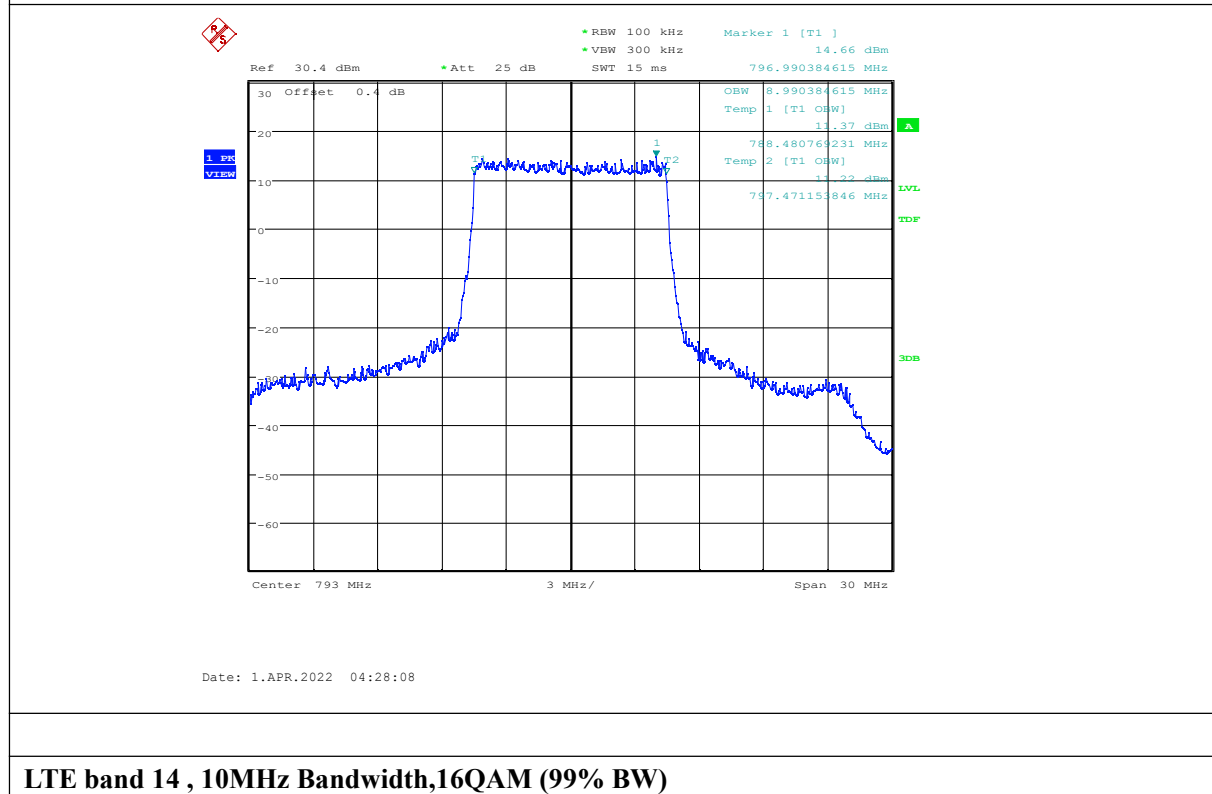
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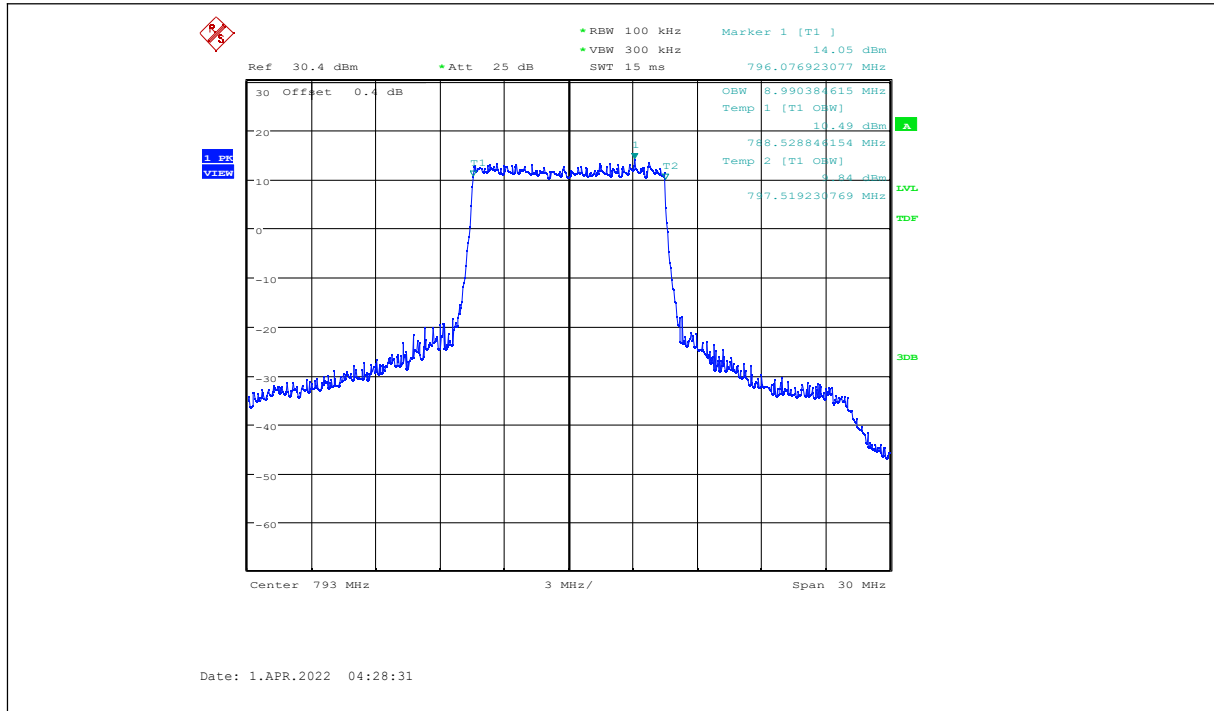
LTE band 14,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
793	8.990	8.990

LTE band 14 , 10MHz Bandwidth,QPSK (99% BW)



LTE band 14 , 10MHz Bandwidth,16QAM (99% BW)



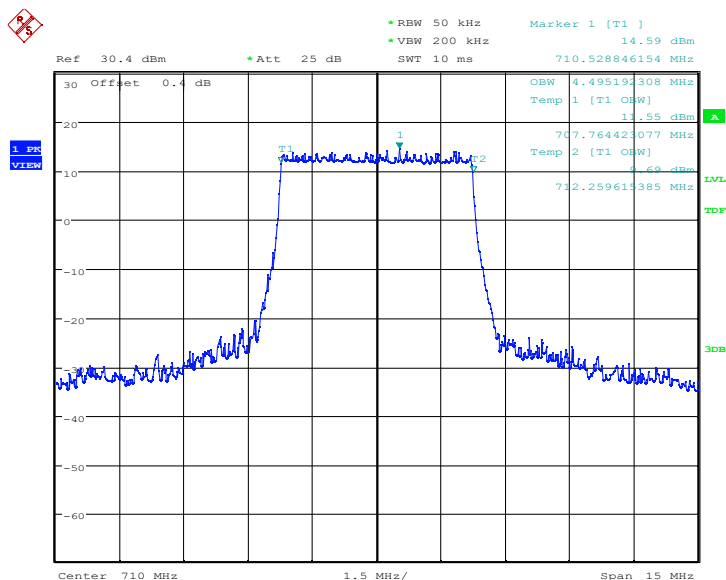
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LTE band 17,5MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
710	4.495	4.495

LTE band 17 , 5MHz Bandwidth,QPSK (99% BW)

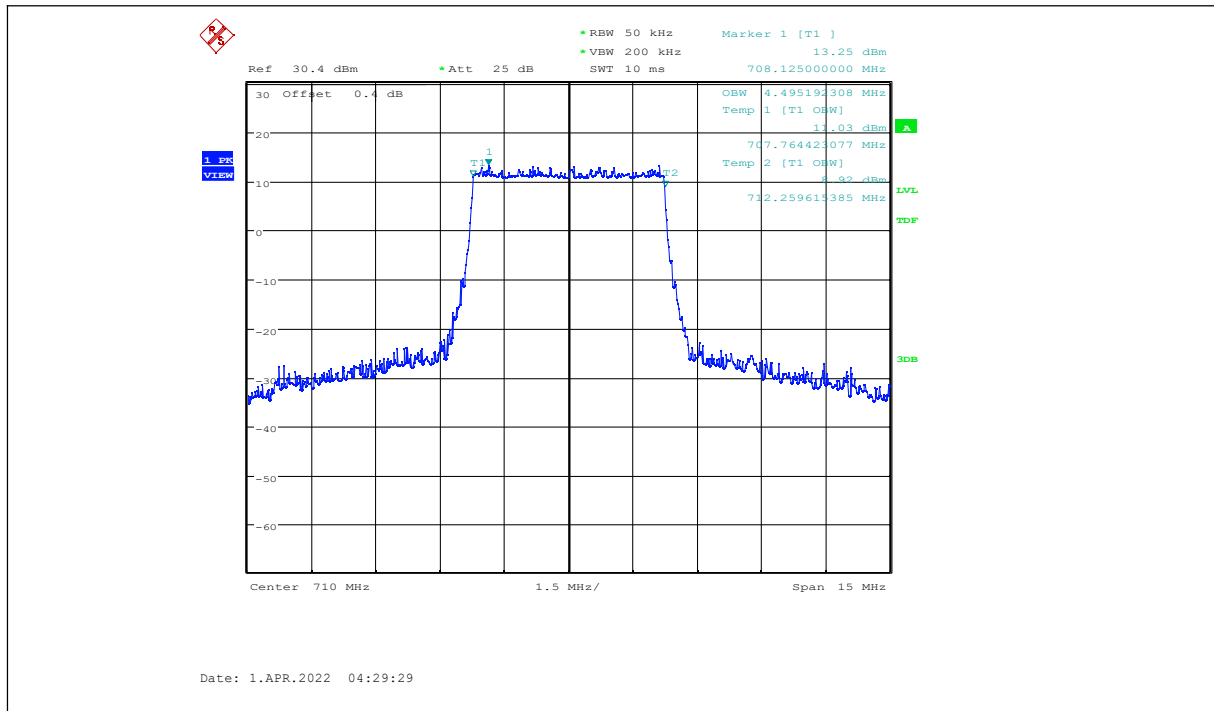


Date: 1.APR.2022 04:29:04

LTE band 17 , 5MHz Bandwidth,16QAM (99% BW)

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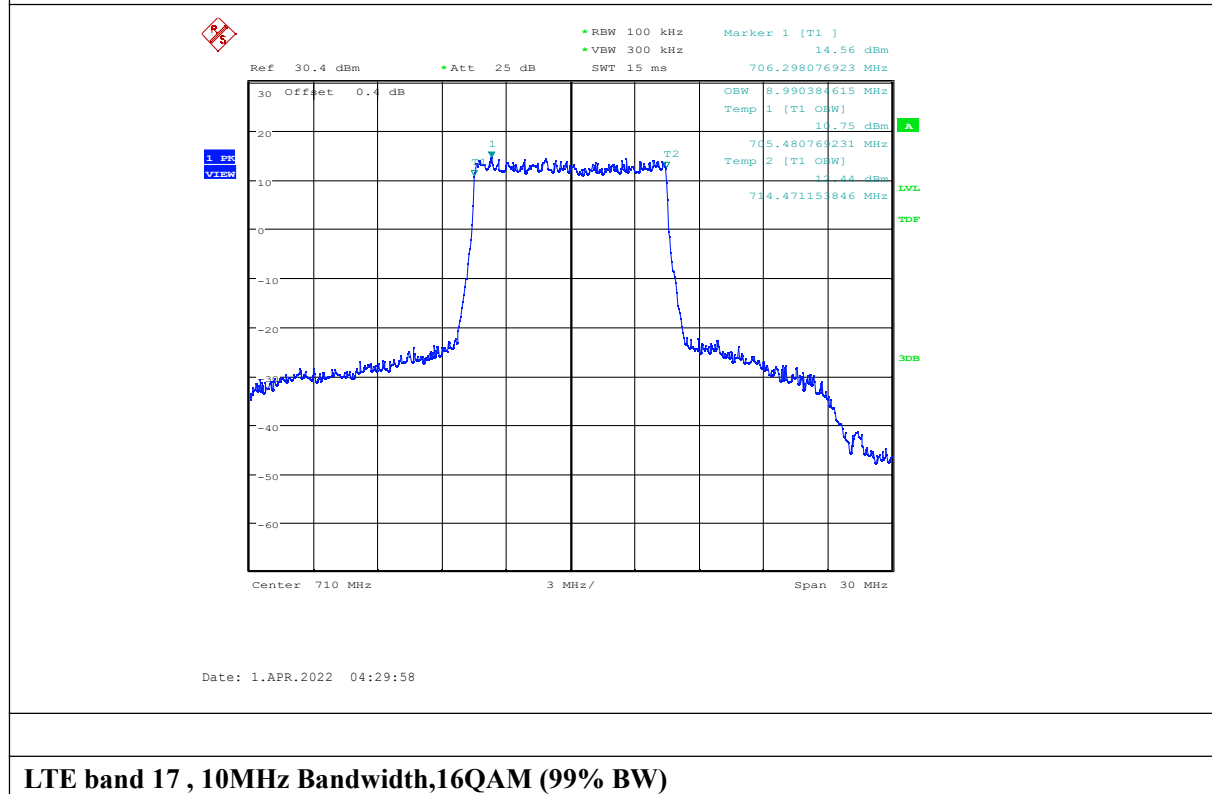
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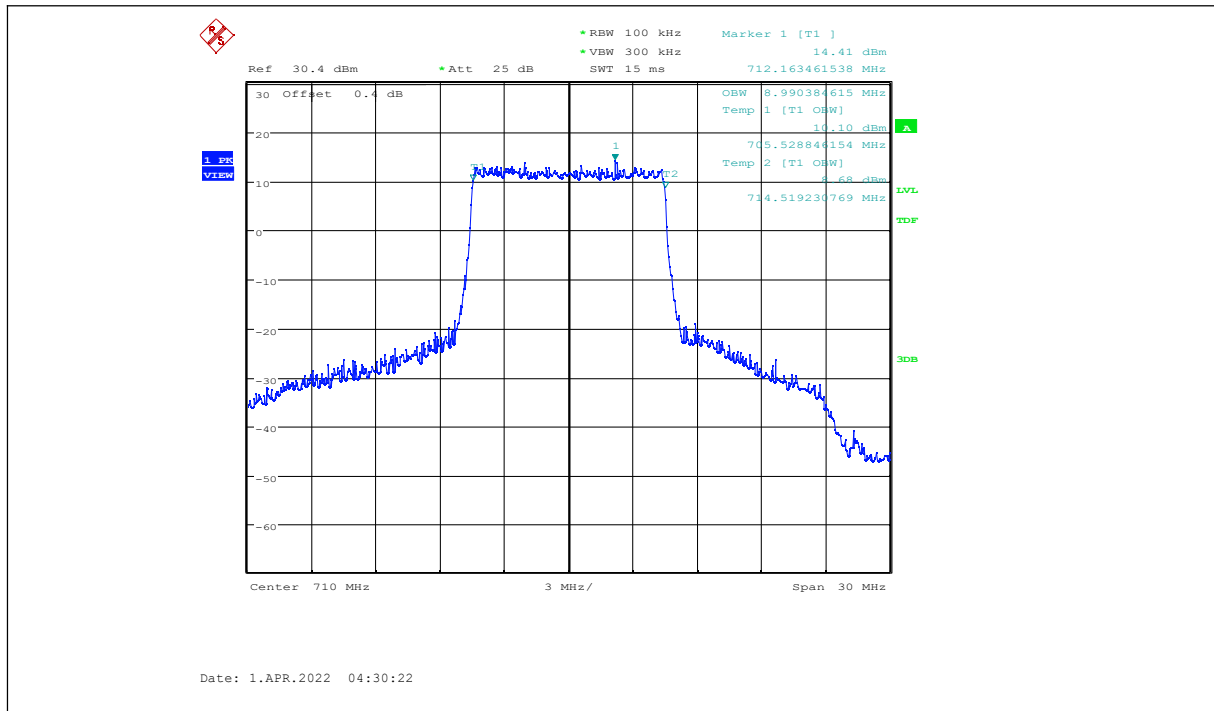
LTE band 17,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
710	8.990	8.990

LTE band 17 , 10MHz Bandwidth,QPSK (99% BW)



LTE band 17 , 10MHz Bandwidth,16QAM (99% BW)



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LTE band 25,1.4MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1882.5	1.090	1.104

Ref 30.8 dBm * Att. 25 dB SWT 40 ms 1.882055769 GHz

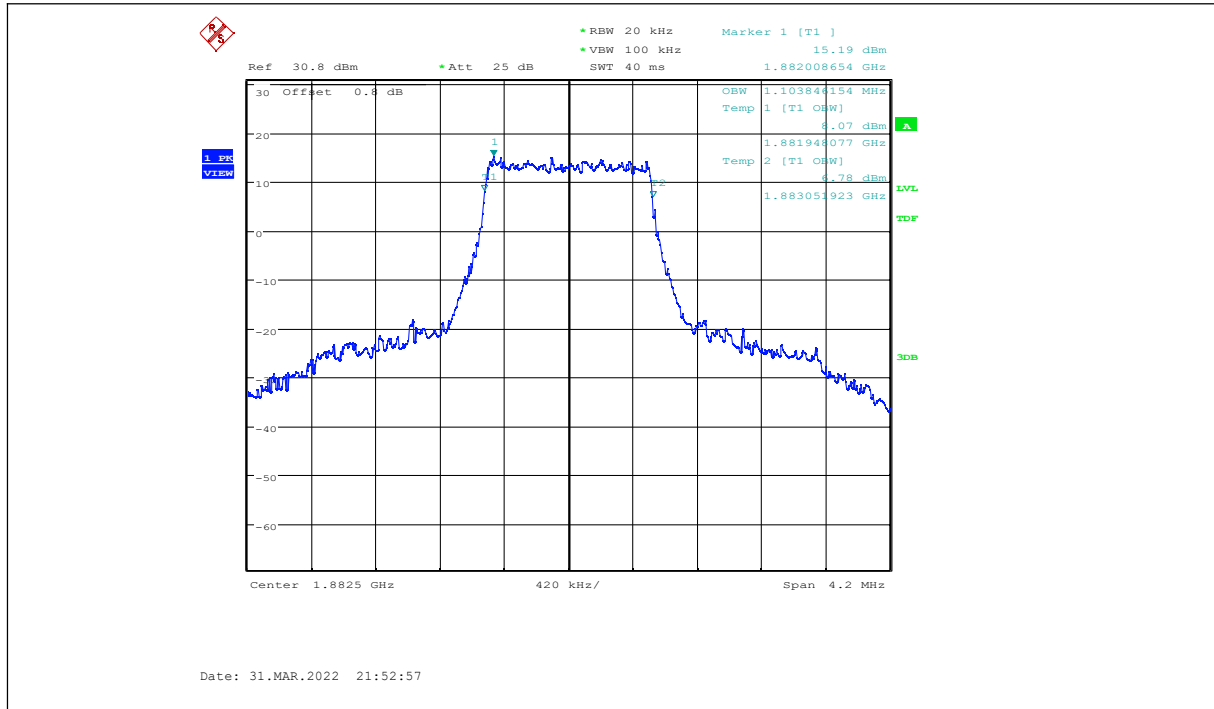
OBW 1.090384615 MHz
Temp 1 [T1 OBW] 16.32 dBm
1.90 dBm
1.881954808 GHz
Temp 2 [T1 OBW] 16.31 dBm
1.883045192 GHz

Center 1.8825 GHz 420 kHz/ Span 4.2 MHz

Date: 31.MAR.2022 21:52:34

LTE band 25 , 1.4MHz Bandwidth,16QAM (99% BW)

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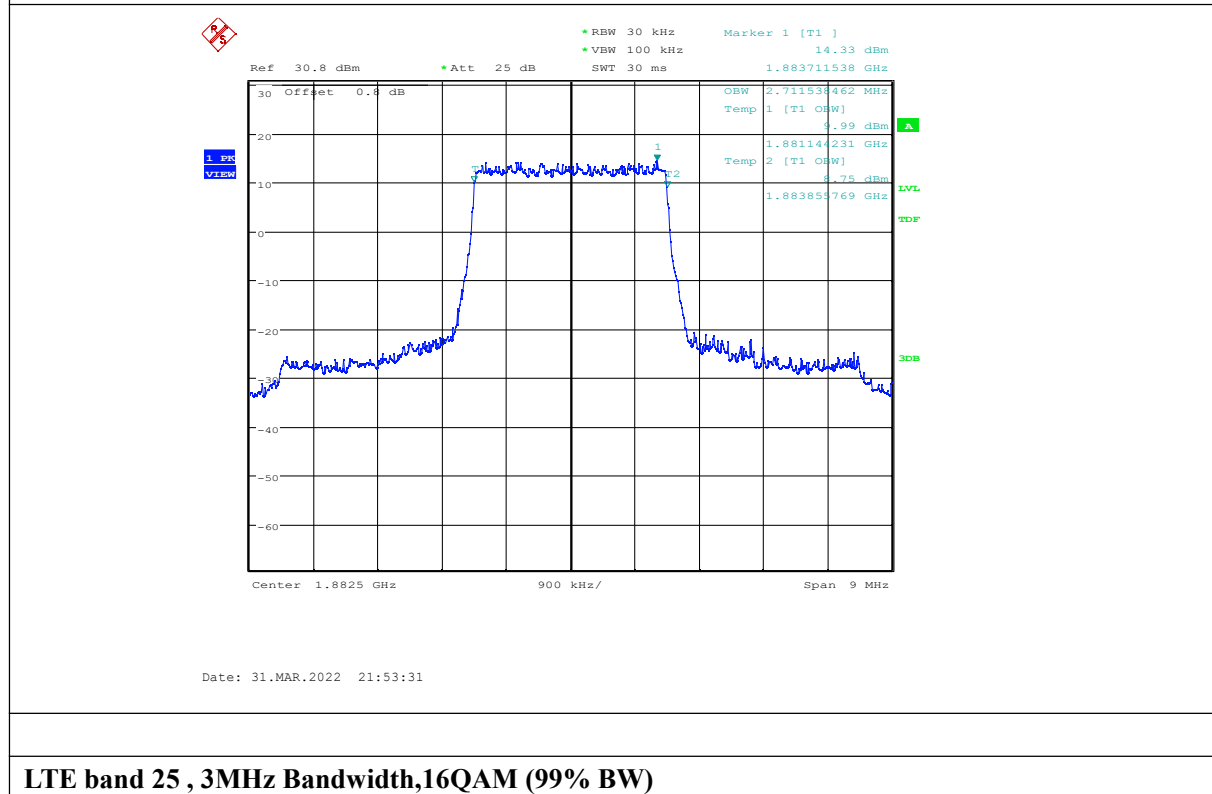
Chongqing Academy of Information and Communication Technology

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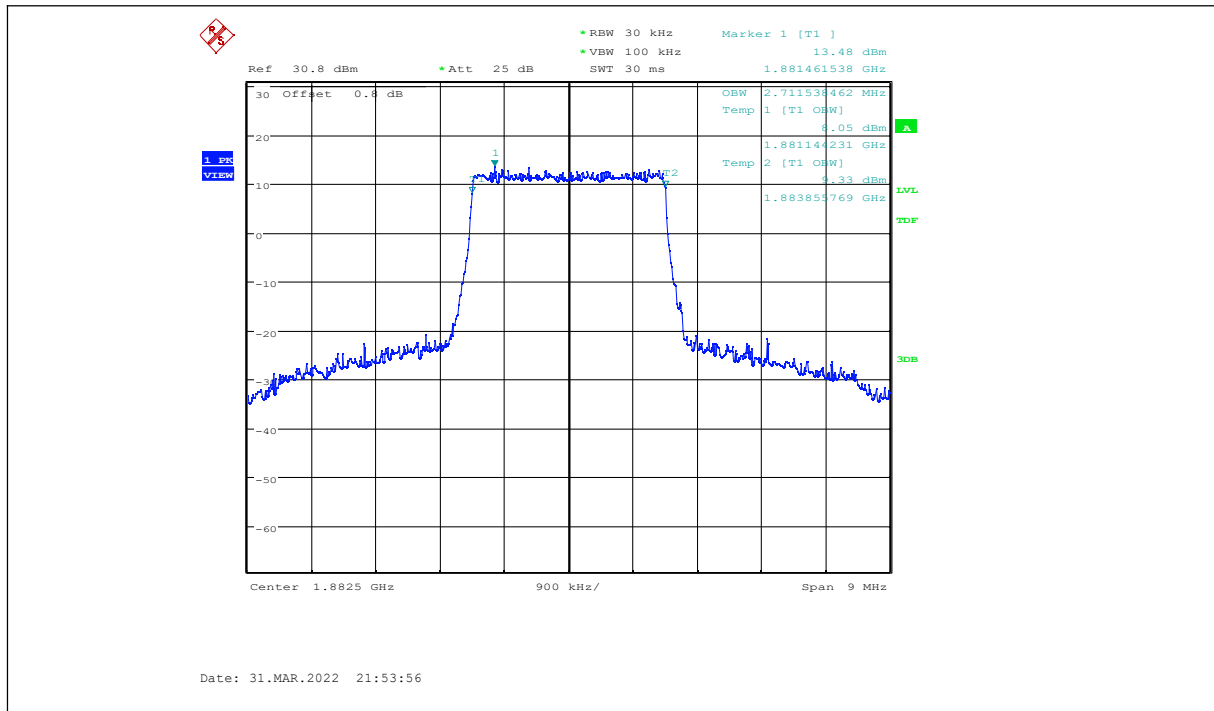
LTE band 25,3MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1882.5	2.712	2.712

LTE band 25 , 3MHz Bandwidth,QPSK (99% BW)



LTE band 25 , 3MHz Bandwidth,16QAM (99% BW)



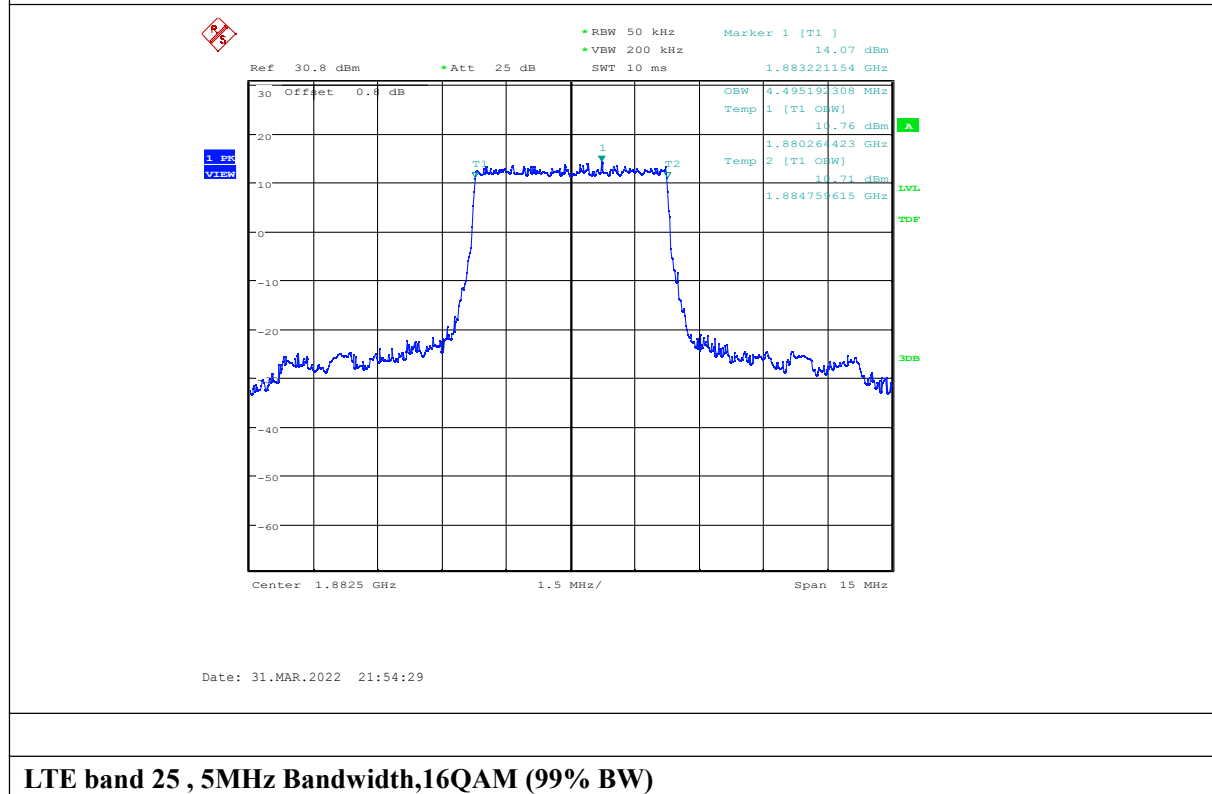
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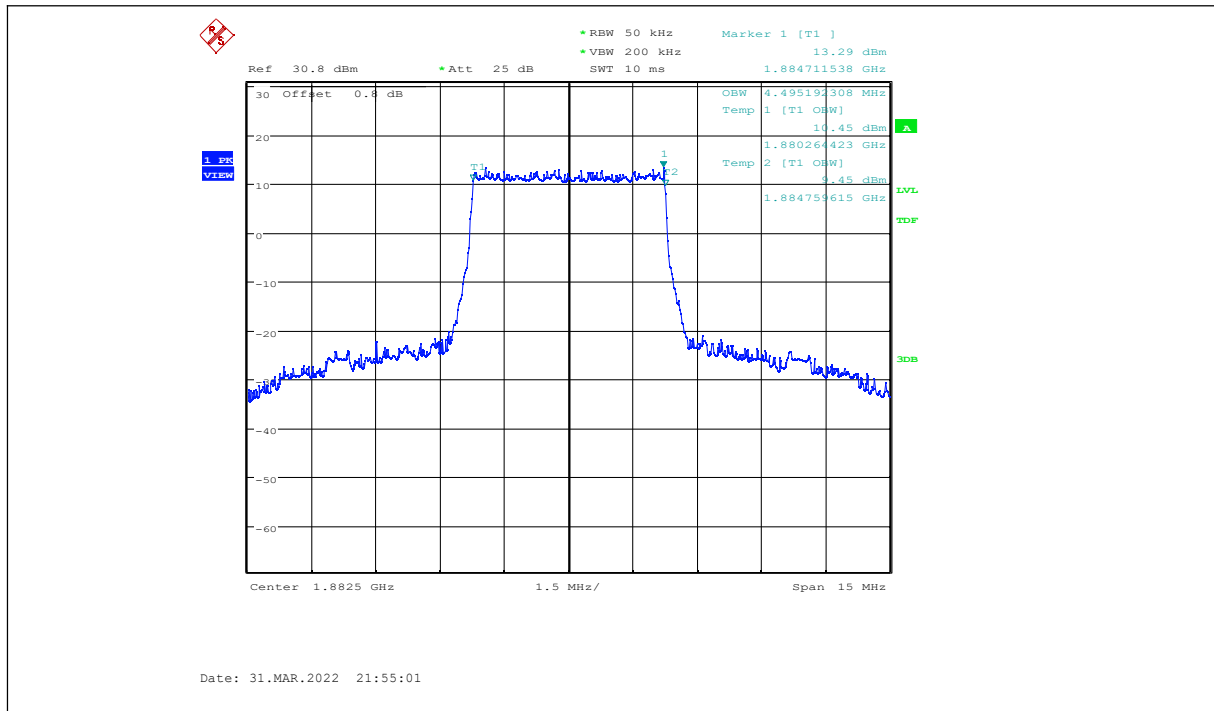
LTE band 25,5MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1882.5	4.495	4.495

LTE band 25 , 5MHz Bandwidth,QPSK (99% BW)



LTE band 25 , 5MHz Bandwidth,16QAM (99% BW)



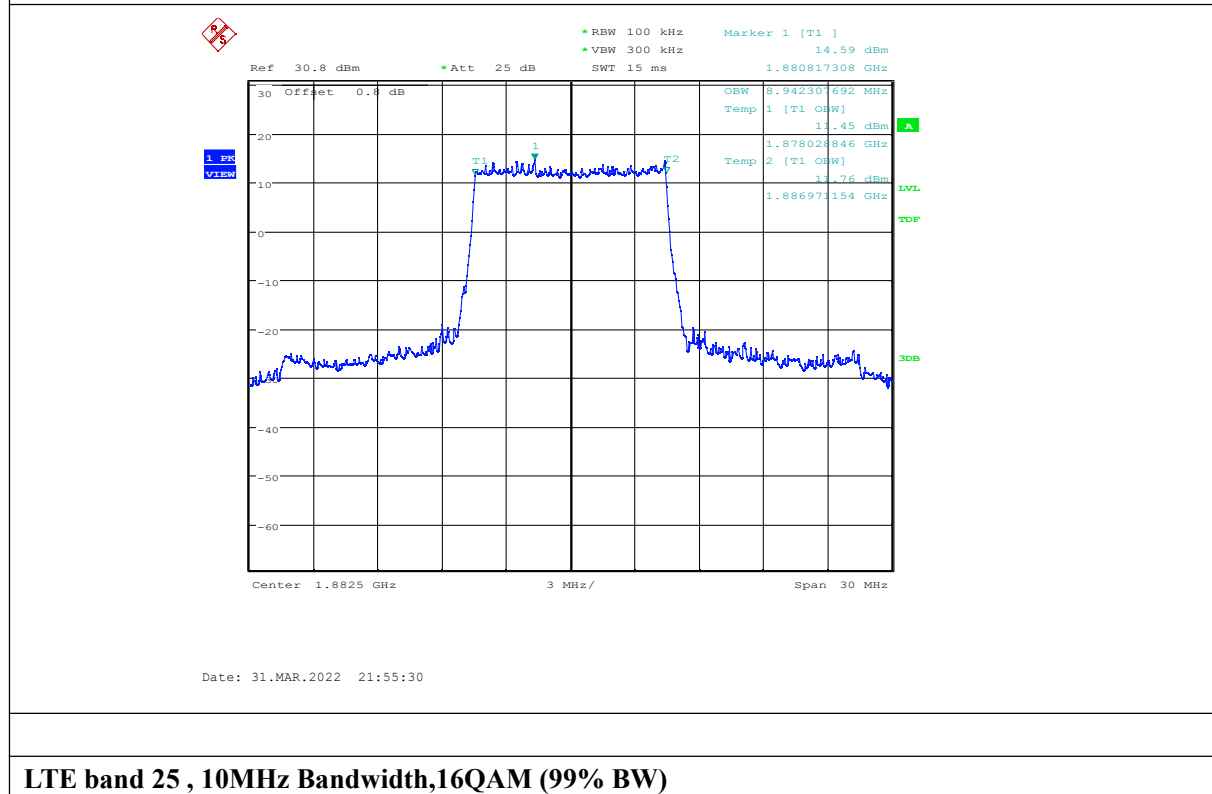
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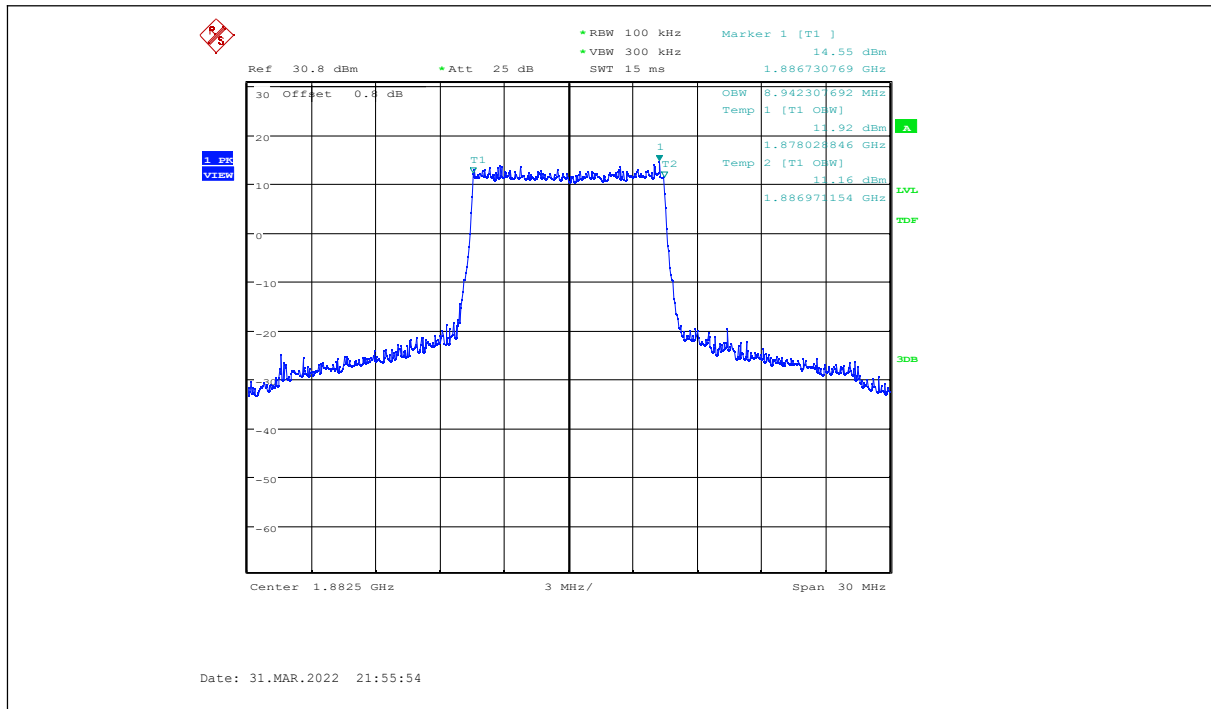
LTE band 25,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1882.5	8.942	8.942

LTE band 25 , 10MHz Bandwidth,QPSK (99% BW)



LTE band 25 , 10MHz Bandwidth,16QAM (99% BW)



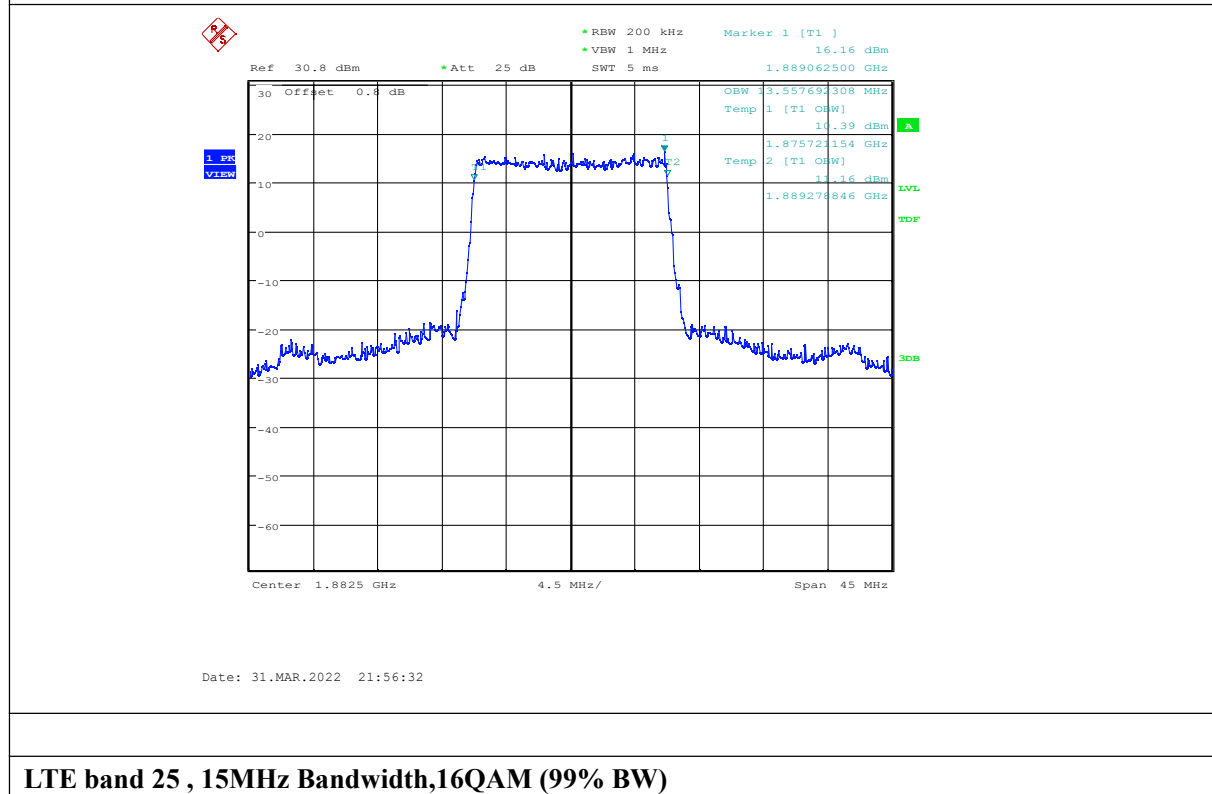
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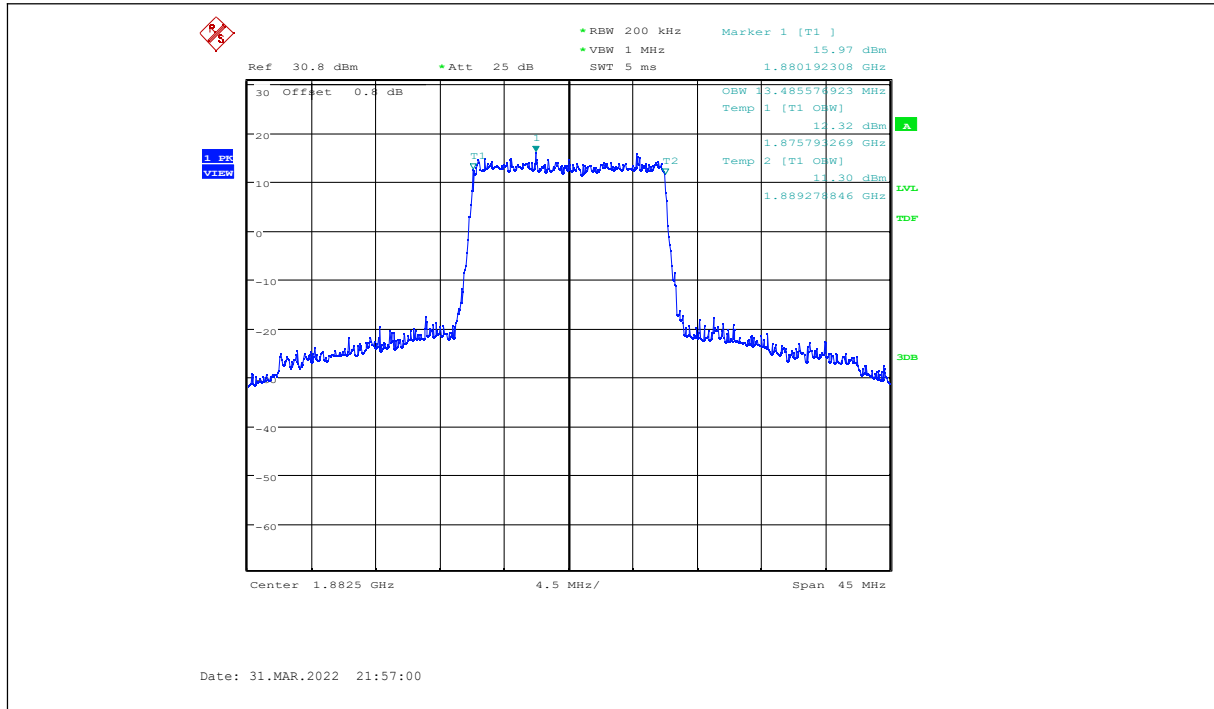
LTE band 25,15MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1882.5	13.558	13.486

LTE band 25 , 15MHz Bandwidth,QPSK (99% BW)



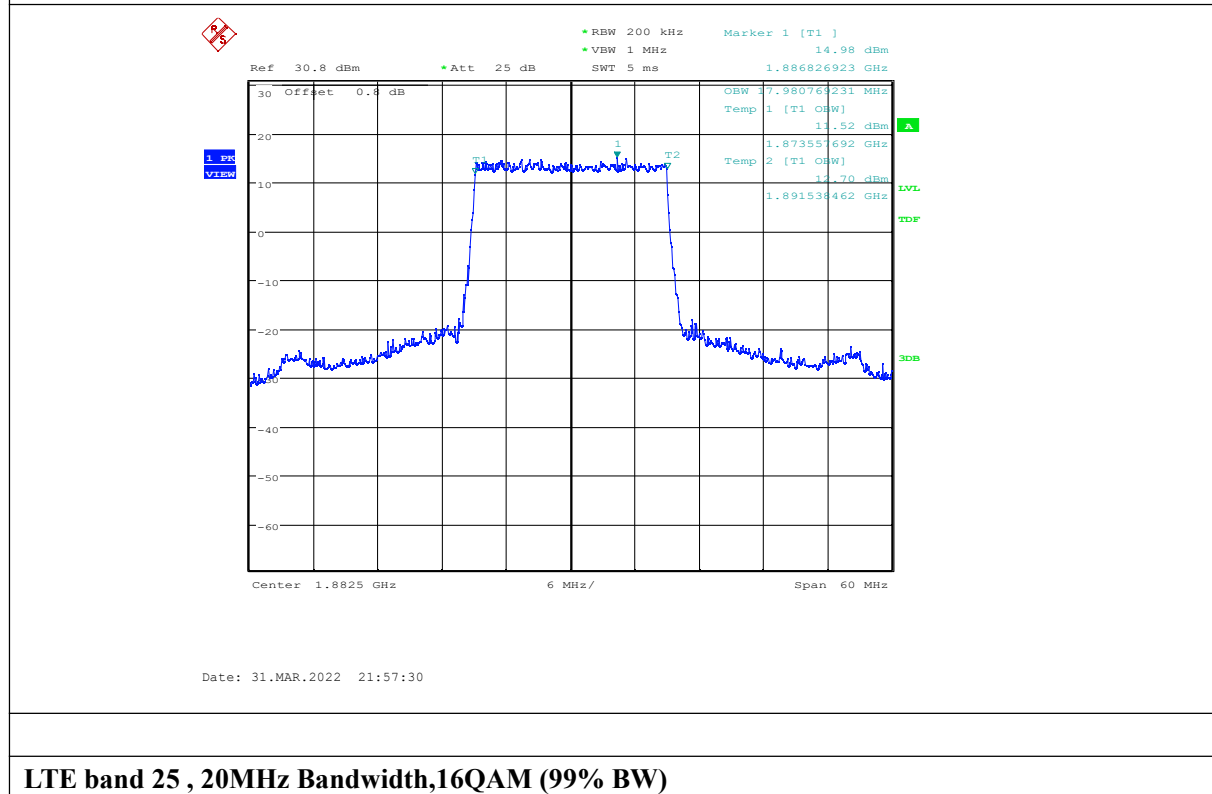
LTE band 25 , 15MHz Bandwidth,16QAM (99% BW)



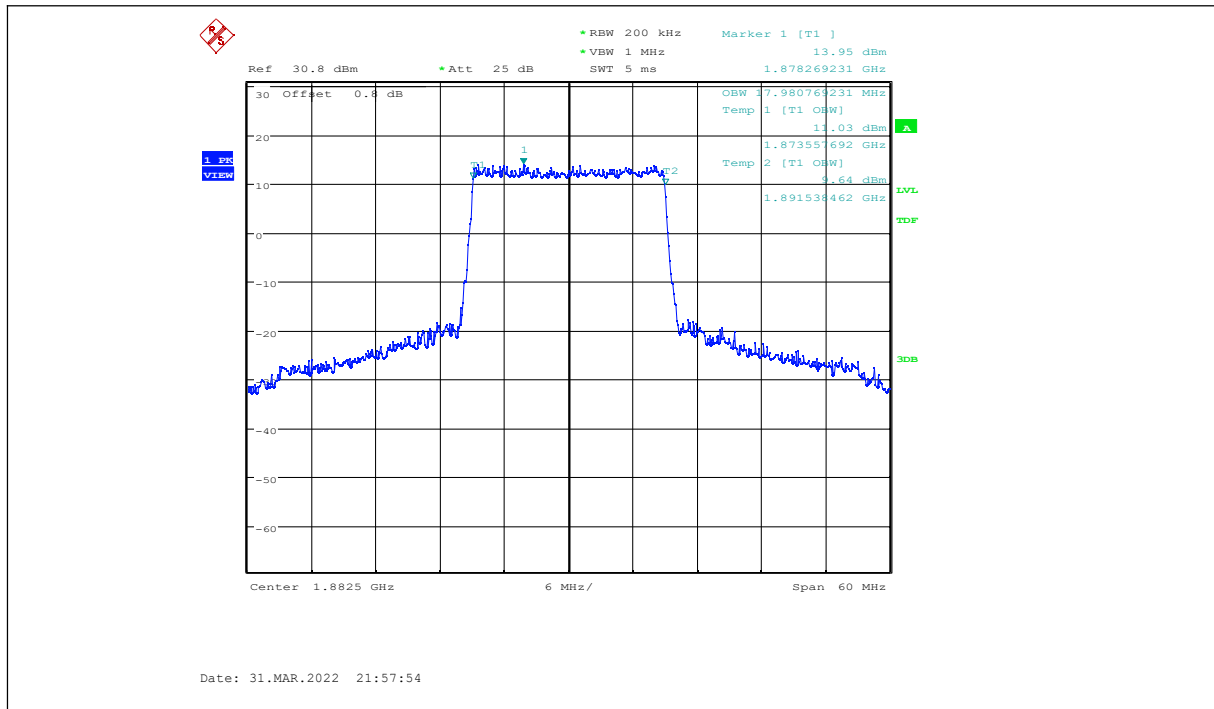
LTE band 25,20MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1882.5	17.981	17.981

LTE band 25 , 20MHz Bandwidth,QPSK (99% BW)



LTE band 25 , 20MHz Bandwidth,16QAM (99% BW)



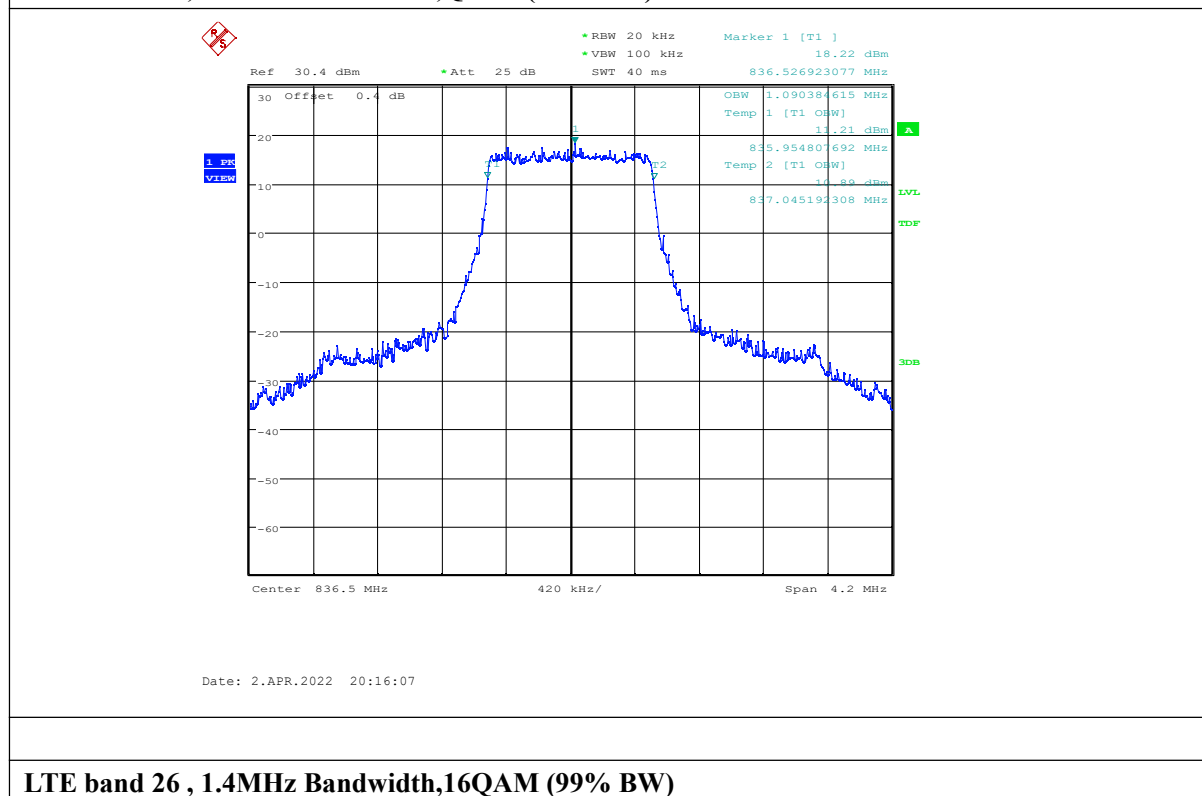
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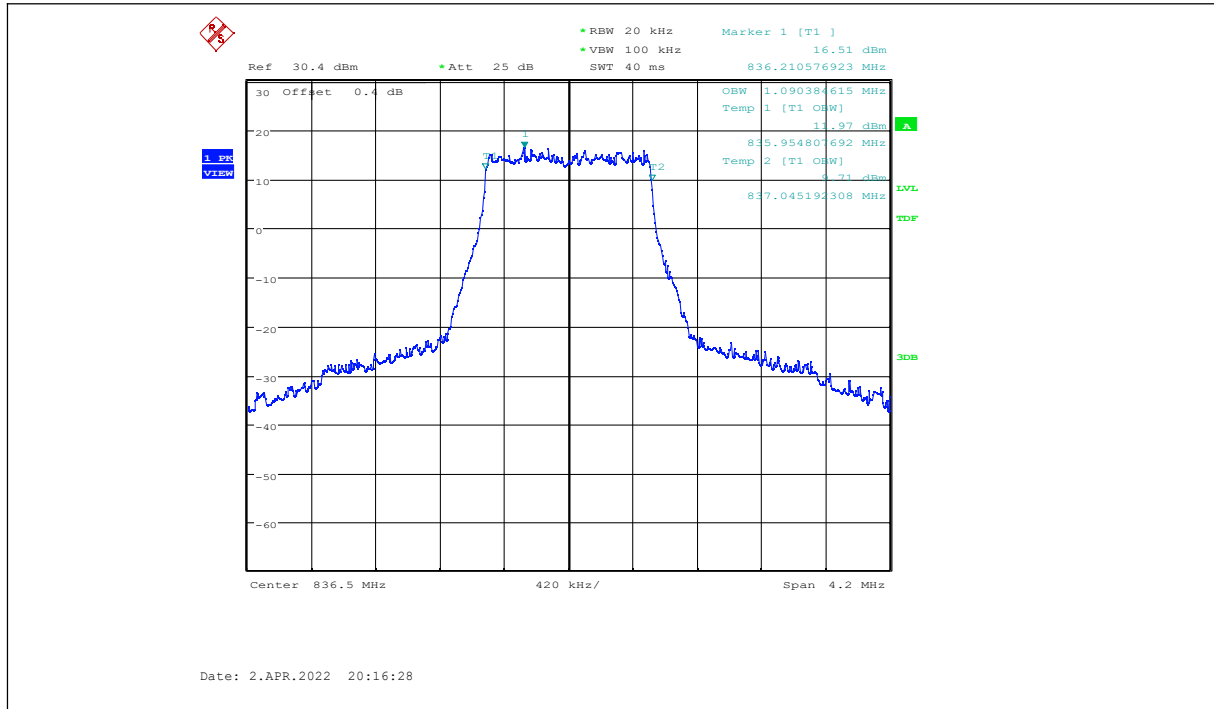
LTE band 26PART22,1.4MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
836.5	1.090	1.090

LTE band 26 , 1.4MHz Bandwidth,QPSK (99% BW)



LTE band 26 , 1.4MHz Bandwidth,16QAM (99% BW)



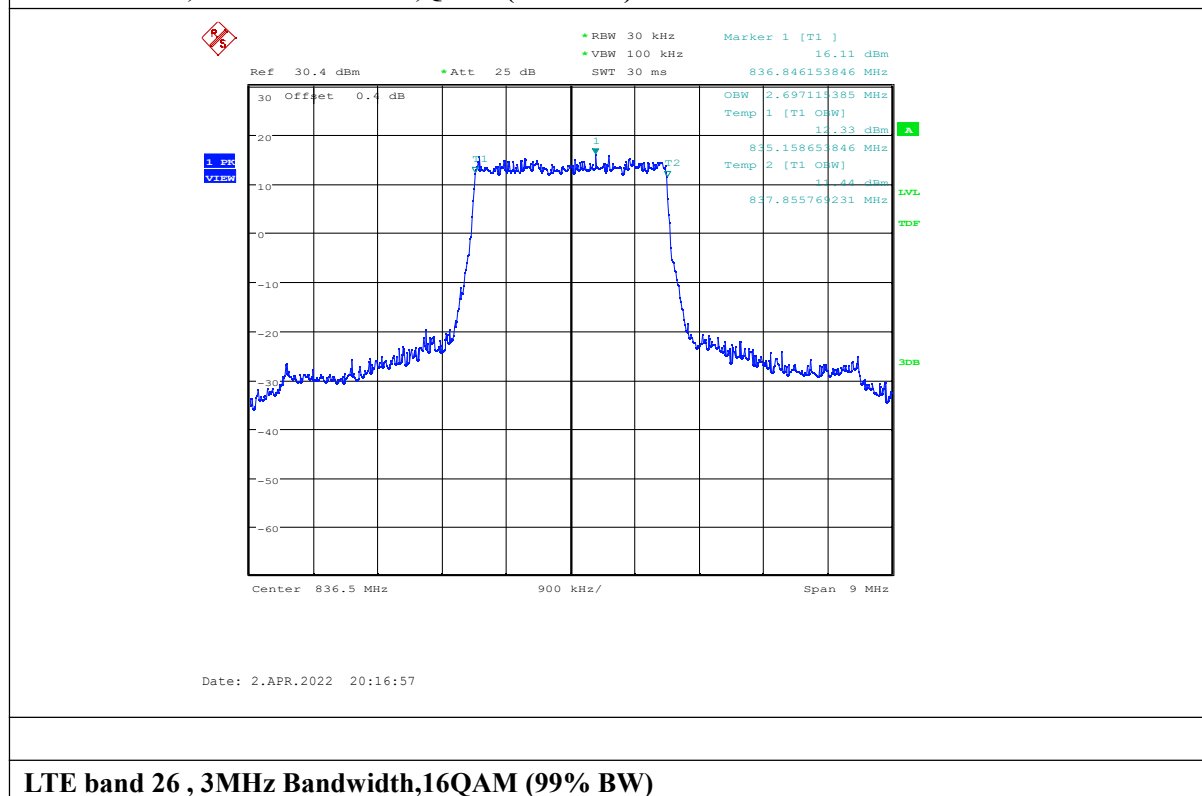
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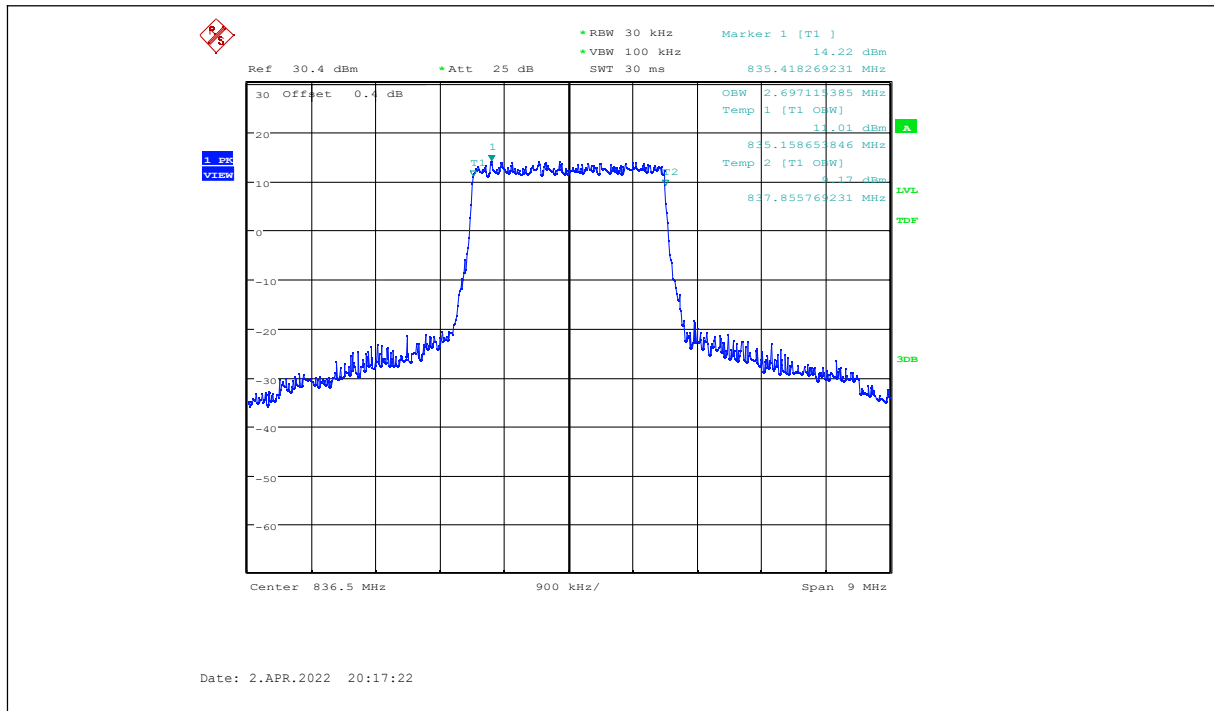
LTE band 26PART22,3MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
836.5	2.697	2.697

LTE band 26 , 3MHz Bandwidth,QPSK (99% BW)



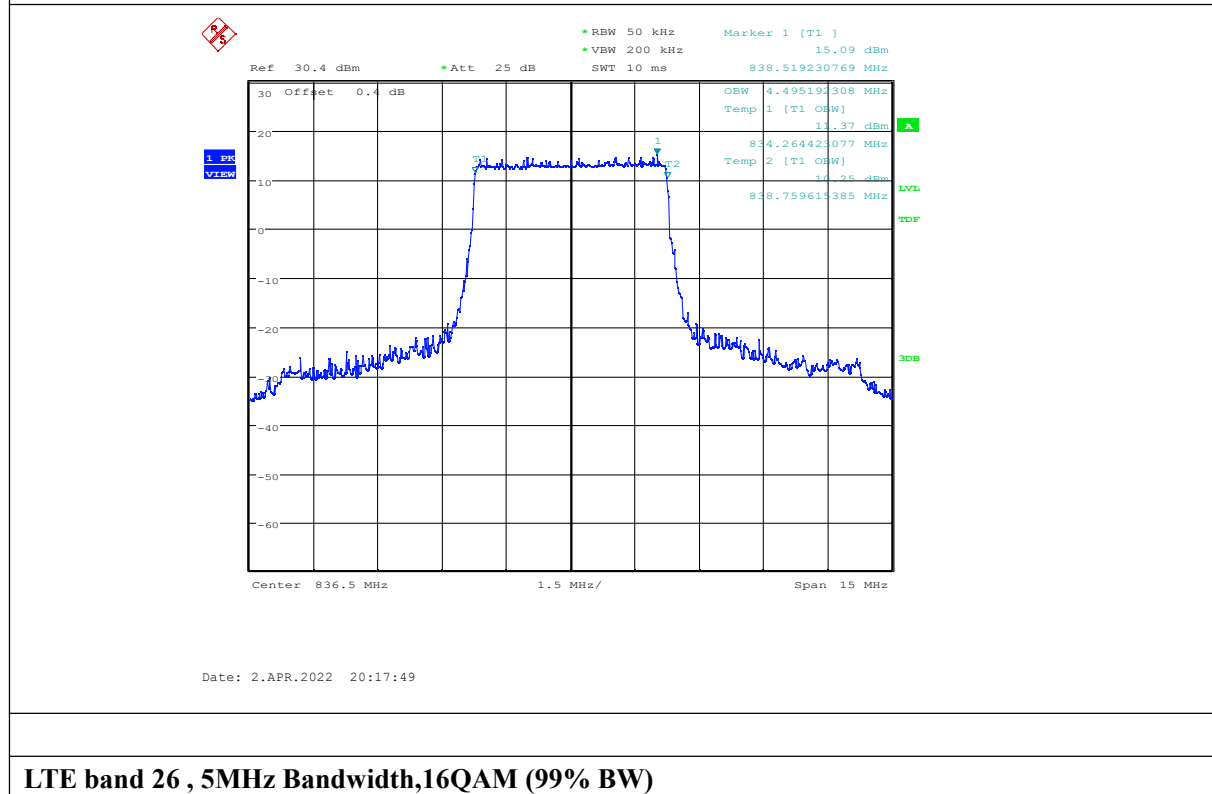
LTE band 26 , 3MHz Bandwidth,16QAM (99% BW)



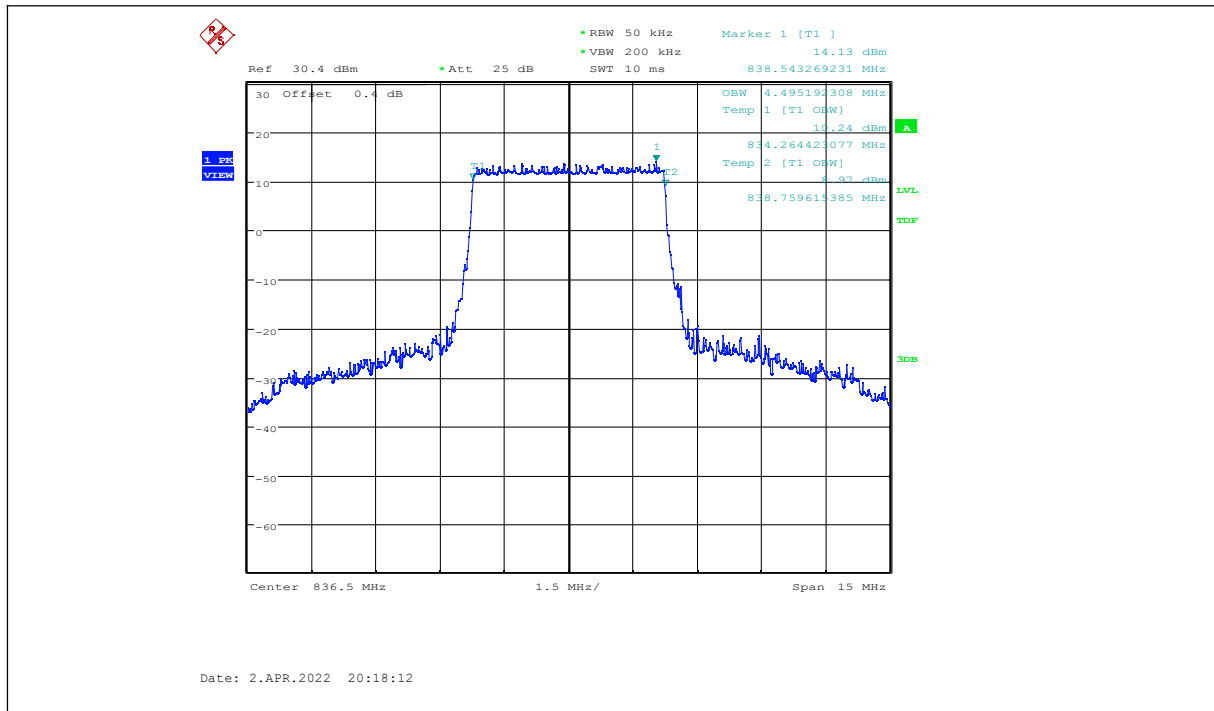
LTE band 26PART22,5MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
836.5	4.495	4.495

LTE band 26 , 5MHz Bandwidth,QPSK (99% BW)



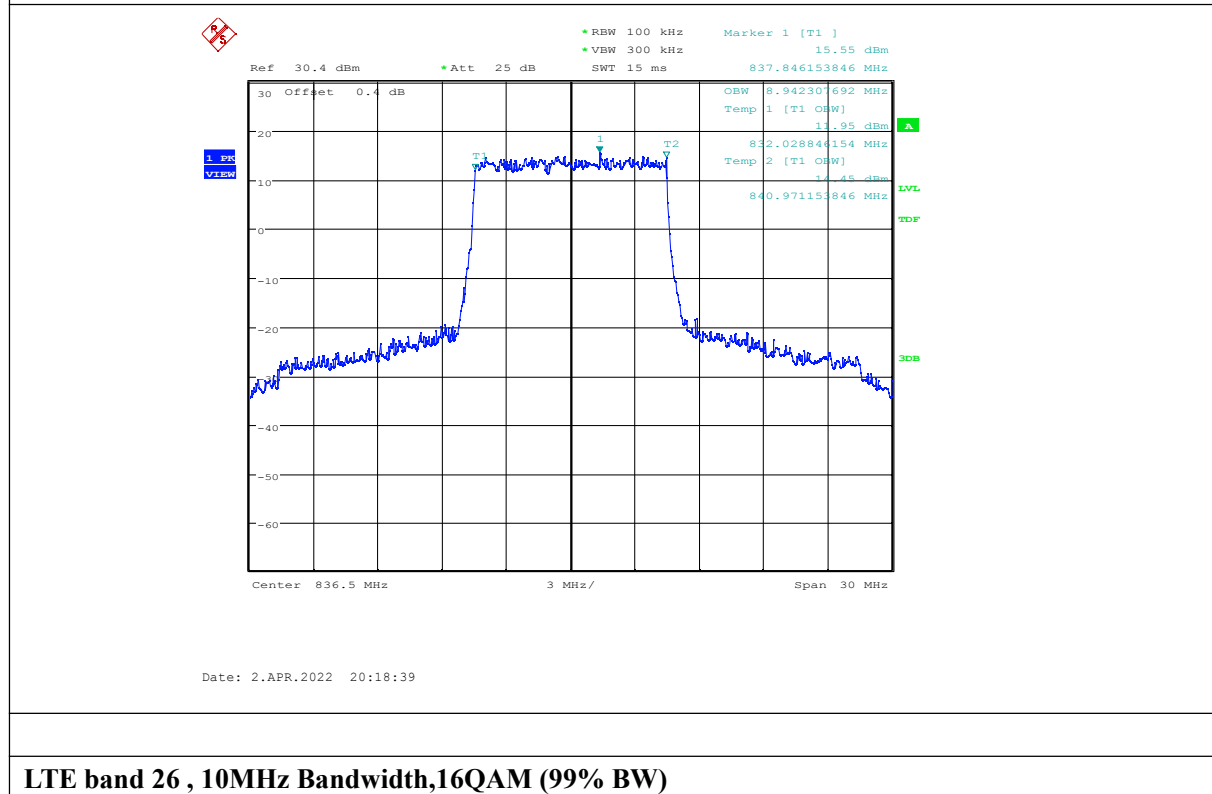
LTE band 26 , 5MHz Bandwidth,16QAM (99% BW)



LTE band 26PART22,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
836.5	8.942	8.990

LTE band 26 , 10MHz Bandwidth,QPSK (99% BW)



LTE band 26 , 10MHz Bandwidth,16QAM (99% BW)

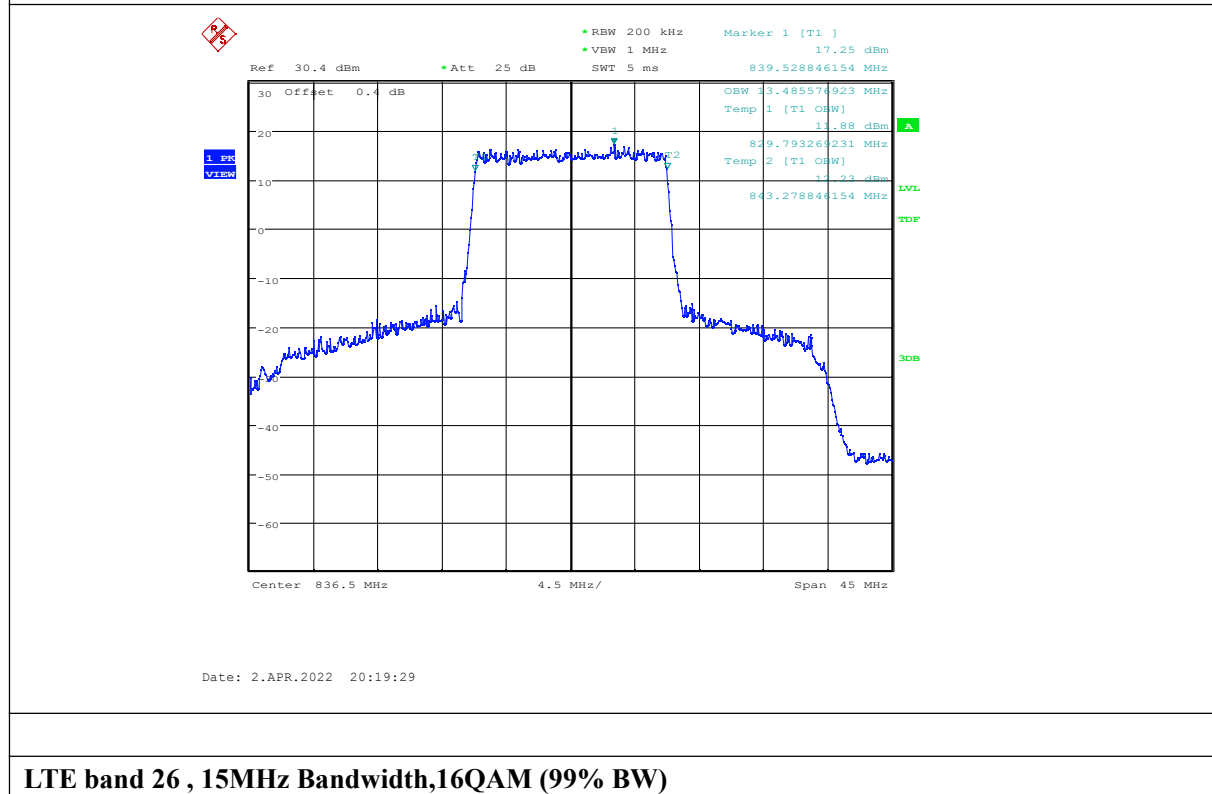
[illegible]

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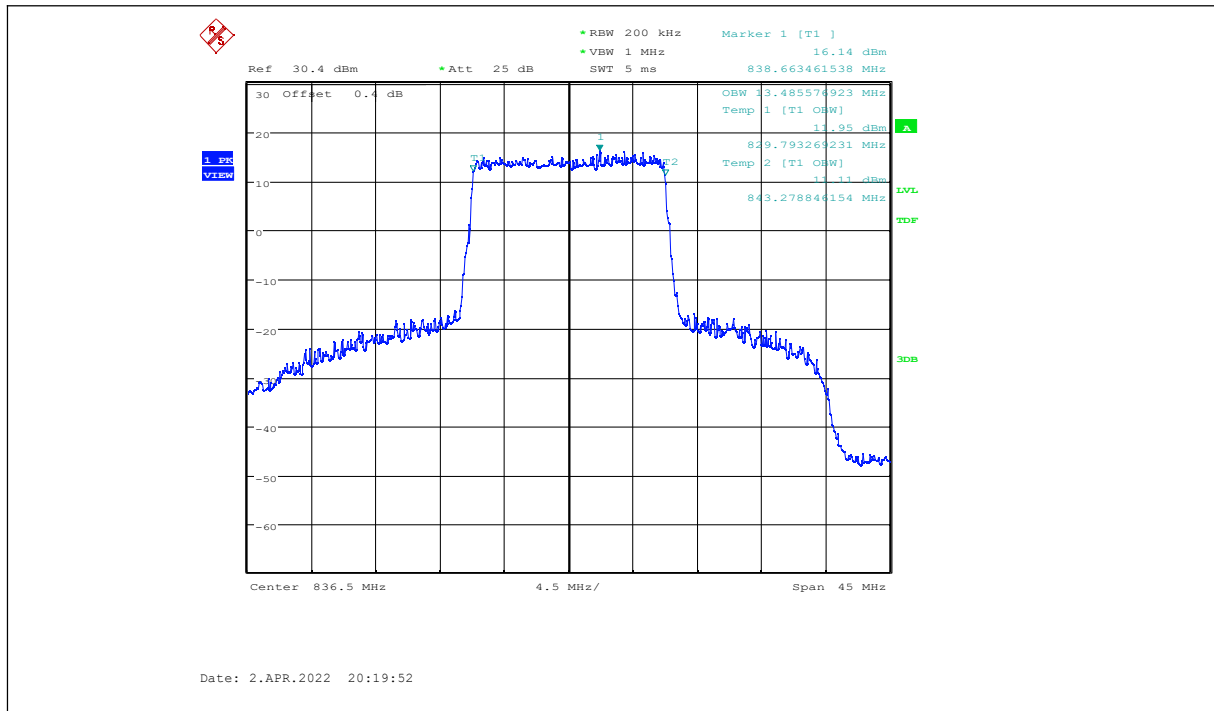
LTE band 26PART22,15MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
836.5	13.486	13.486

LTE band 26 , 15MHz Bandwidth,QPSK (99% BW)



LTE band 26 , 15MHz Bandwidth,16QAM (99% BW)



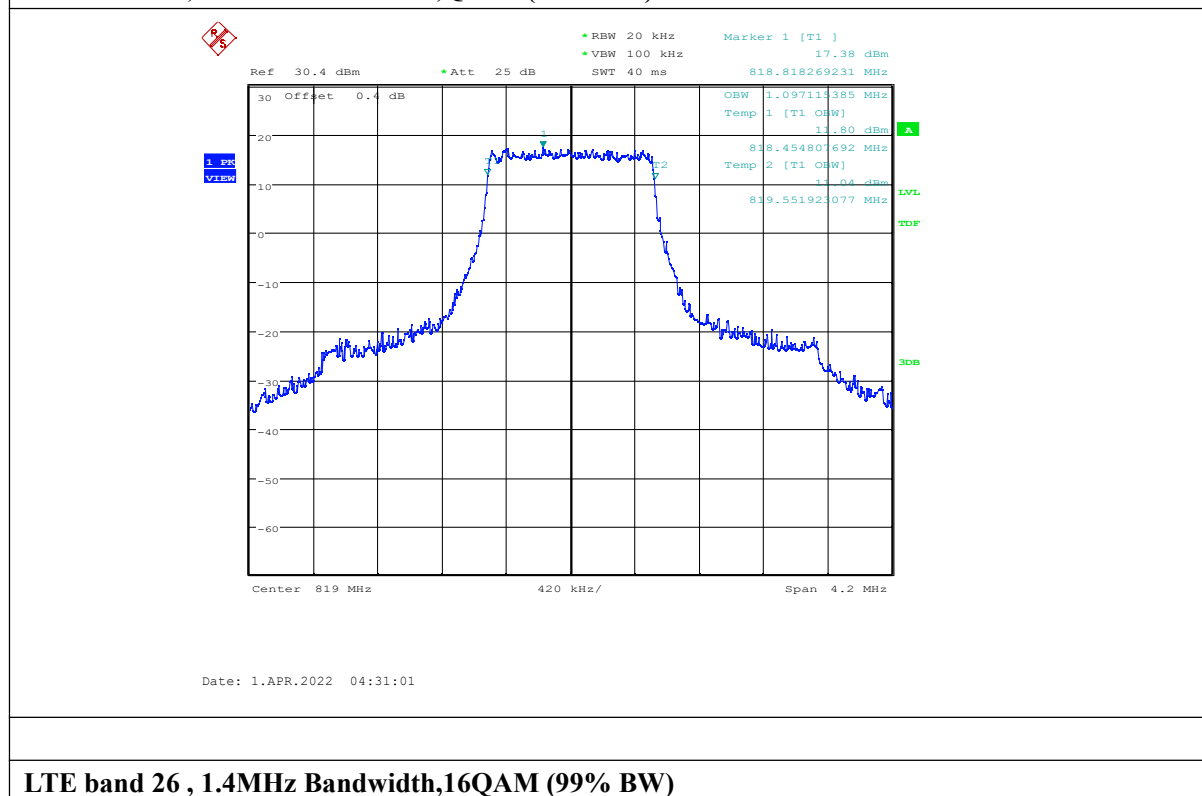
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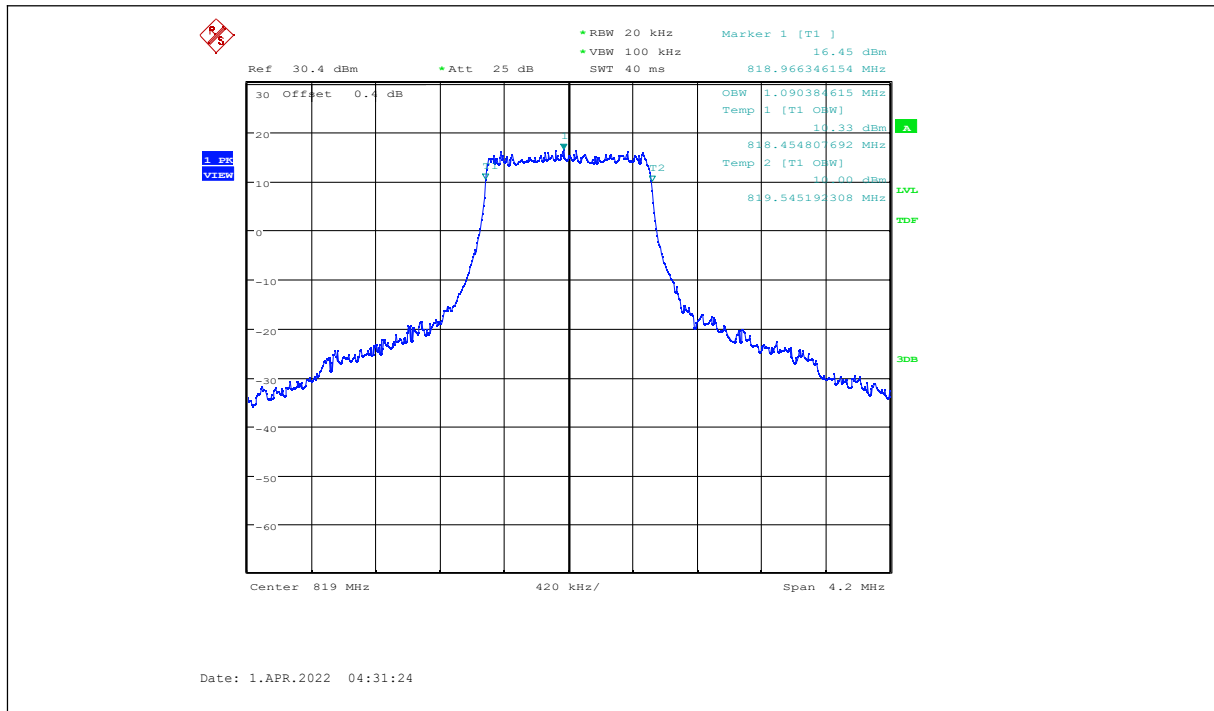
LTE band 26PART90,1.4MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
819	1.097	1.090

LTE band 26 , 1.4MHz Bandwidth,QPSK (99% BW)



LTE band 26 , 1.4MHz Bandwidth,16QAM (99% BW)



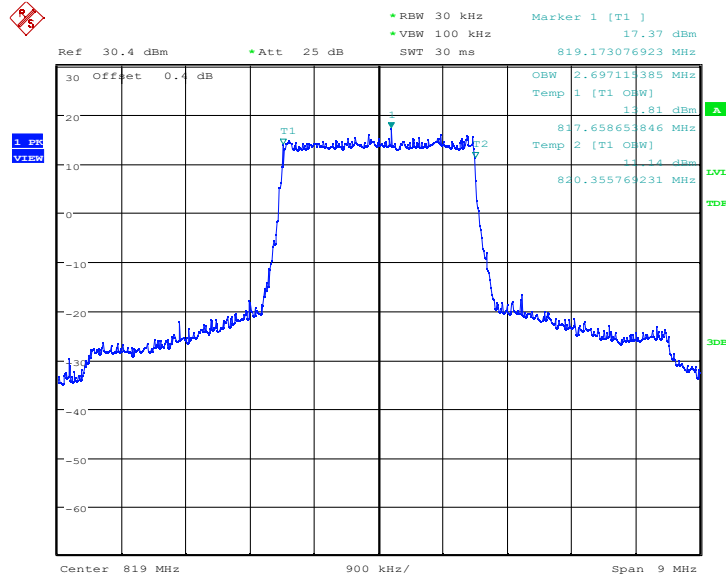
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Tel: 0086-23-88069965 FAX: 0086-23-88608777

LTE band 26PART90,3MHz(99%)

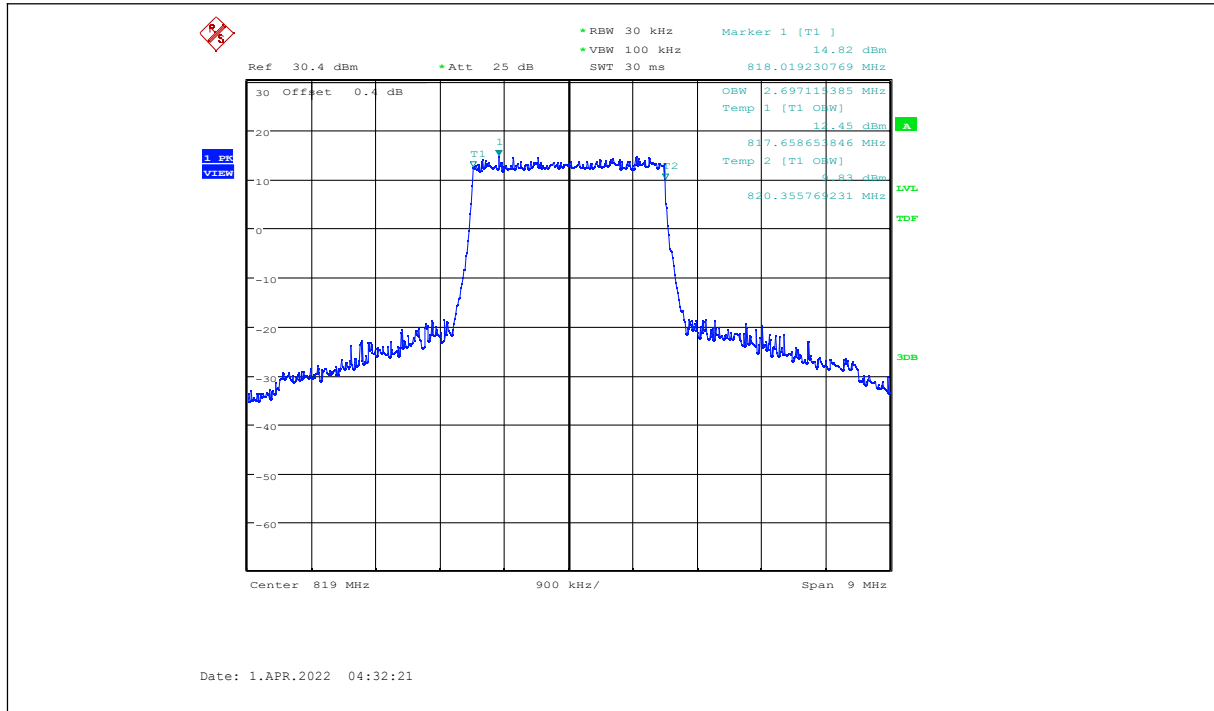
Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
819	2.697	2.697

LTE band 26 , 3MHz Bandwidth,QPSK (99% BW)



Date: 1.APR.2022 04:31:55

LTE band 26 , 3MHz Bandwidth,16QAM (99% BW)



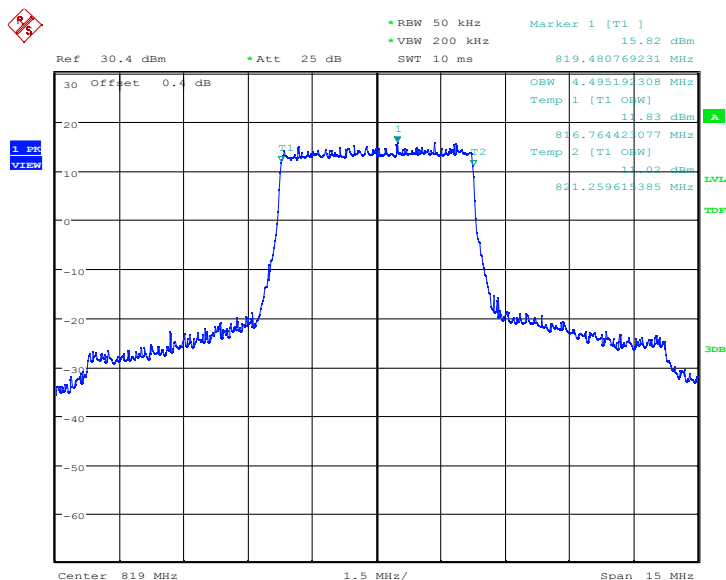
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Tel: 0086-23-88069965 FAX:0086-23-88608777

LTE band 26PART90,5MHz(99%)

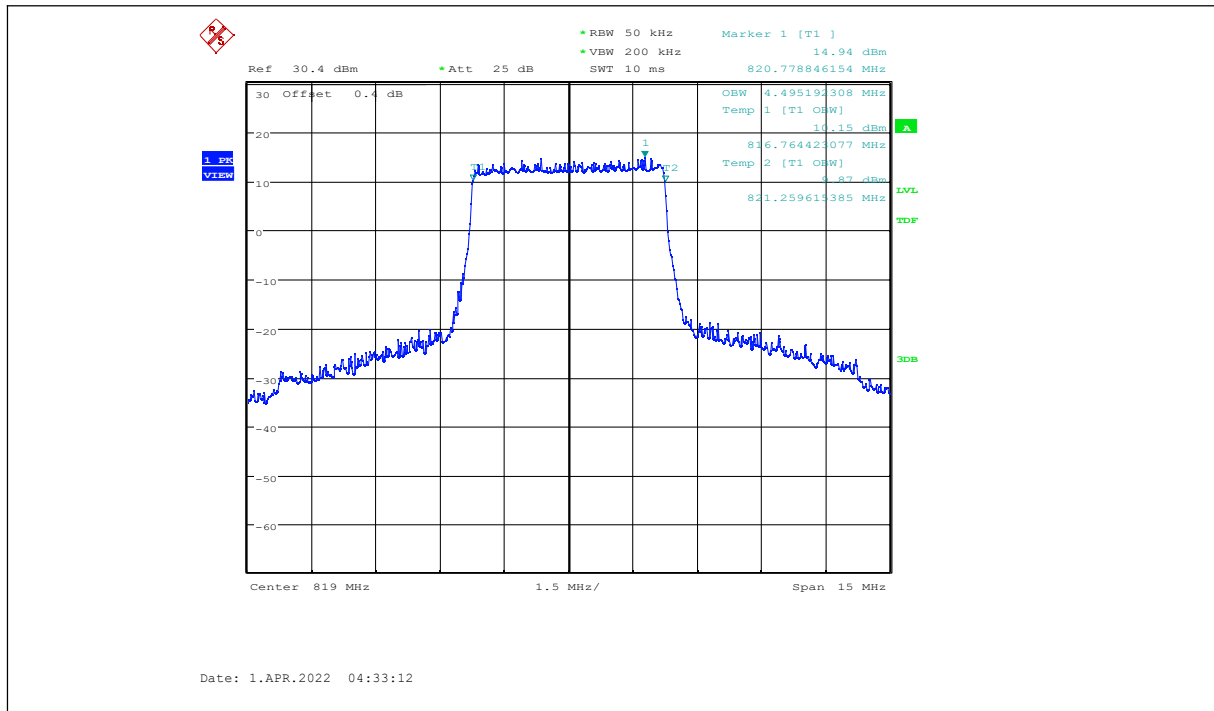
Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
819	4.495	4.495

LTE band 26 , 5MHz Bandwidth,QPSK (99% BW)



Date: 1.APR.2022 04:32:49

LTE band 26 , 5MHz Bandwidth,16QAM (99% BW)



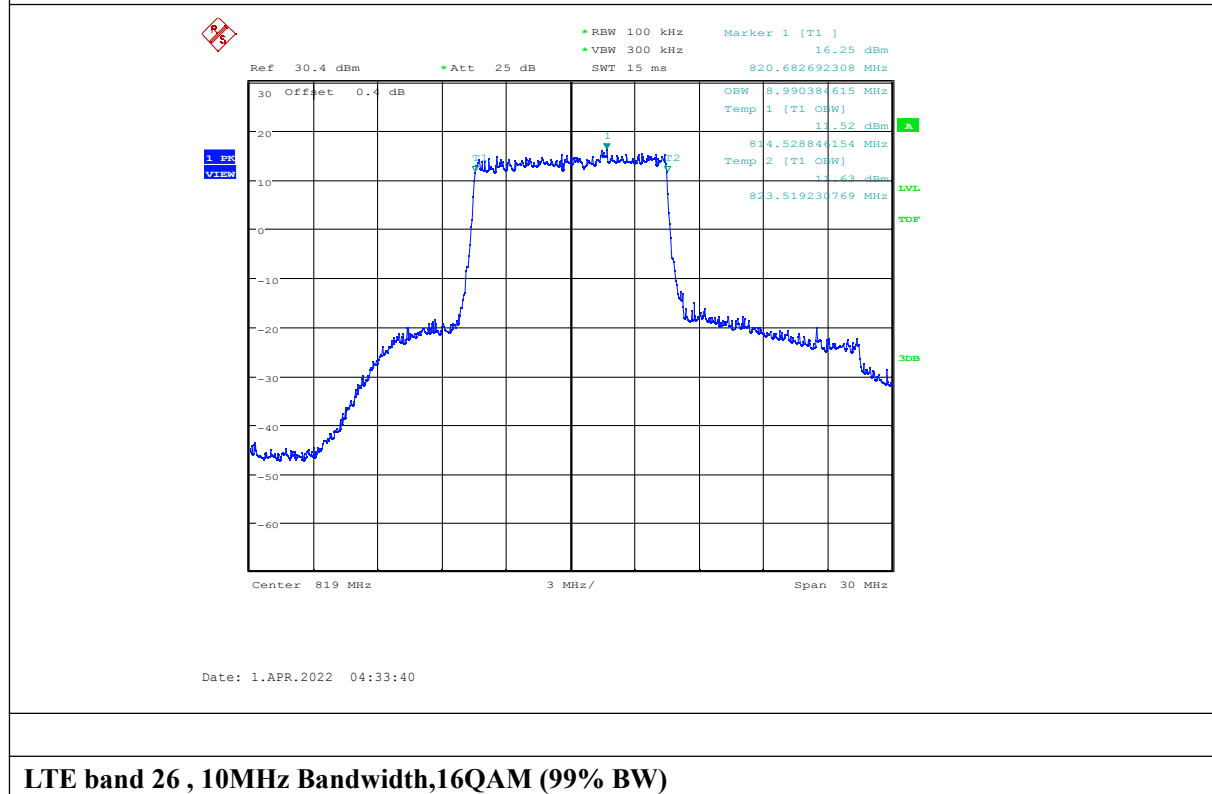
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Tel: 0086-23-88069965 FAX:0086-23-88608777

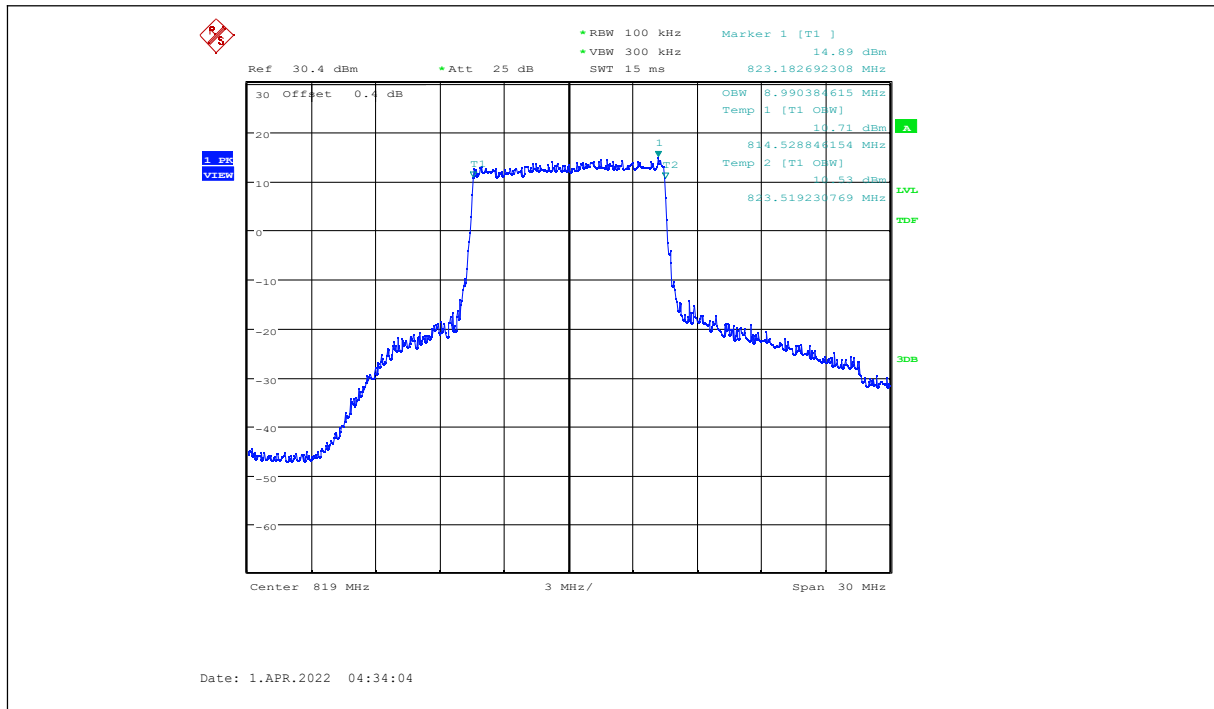
LTE band 26PART90,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
819	8.990	8.990

LTE band 26 , 10MHz Bandwidth,QPSK (99% BW)



LTE band 26 , 10MHz Bandwidth,16QAM (99% BW)



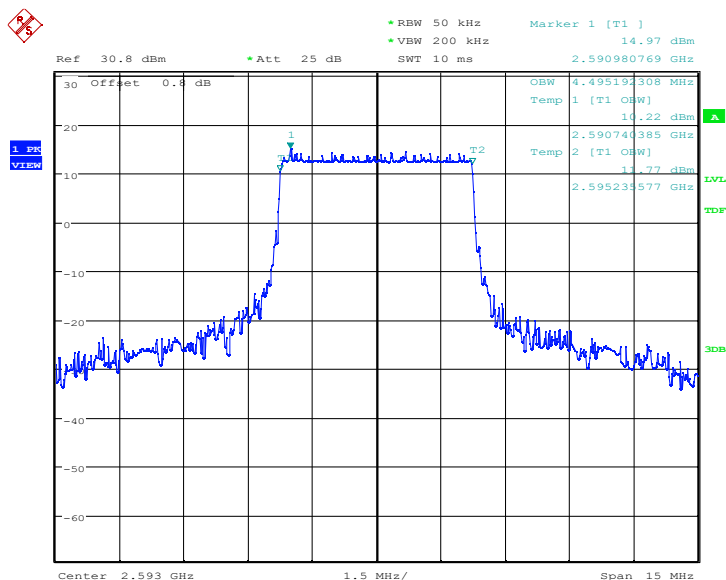
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LTE band 41,5MHz(99%)

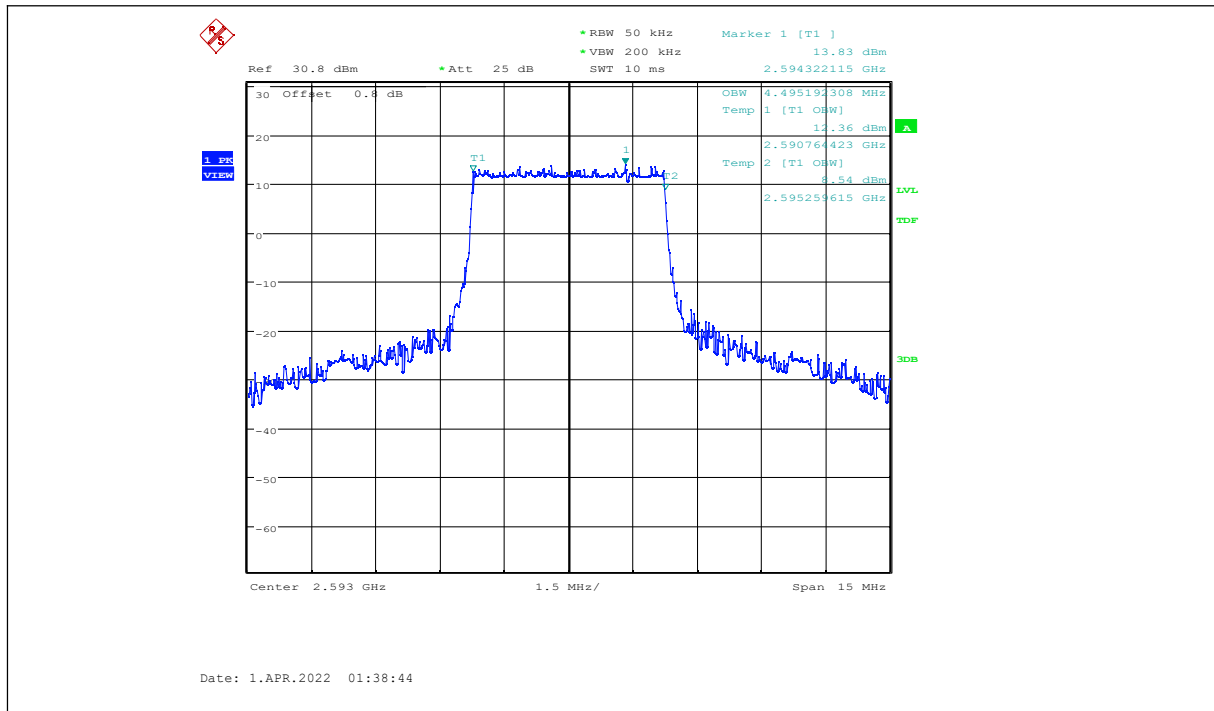
Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
2593	4.495	4.495

LTE band 41 , 5MHz Bandwidth,QPSK (99% BW)



Date: 1.APR.2022 01:38:24

LTE band 41 , 5MHz Bandwidth,16QAM (99% BW)



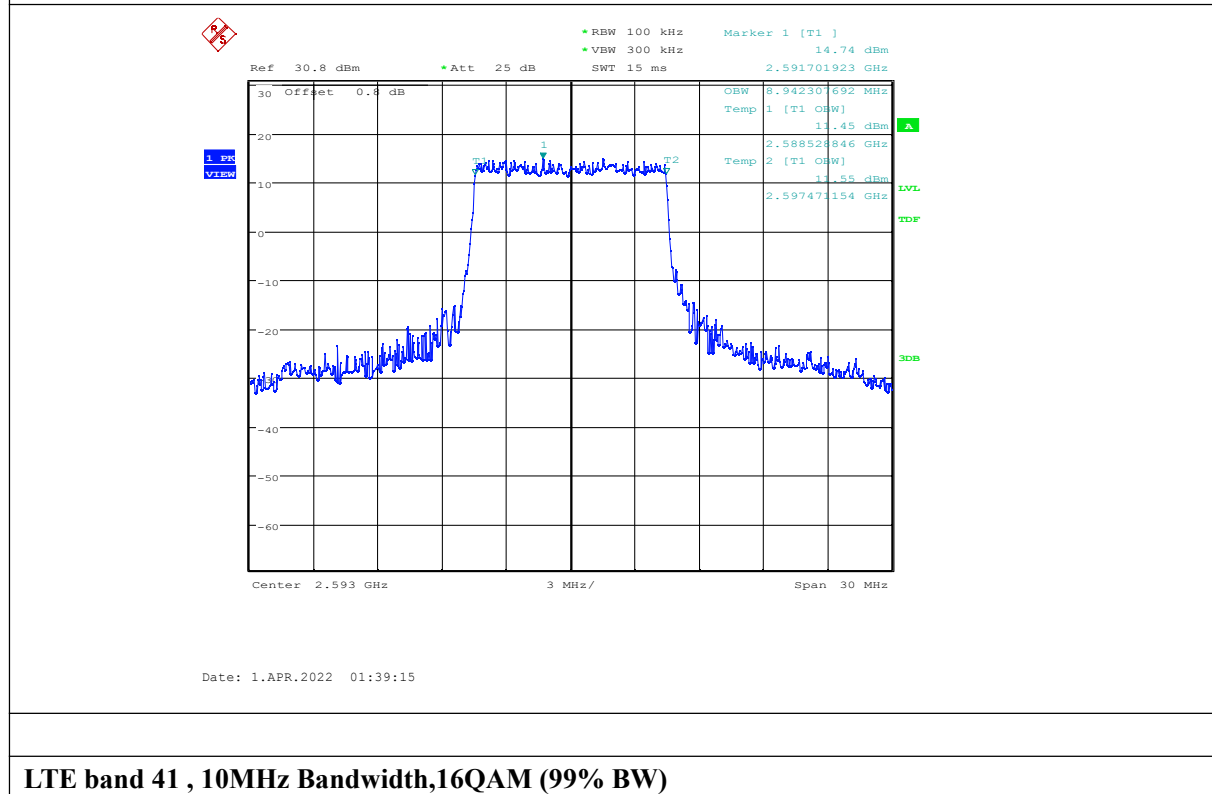
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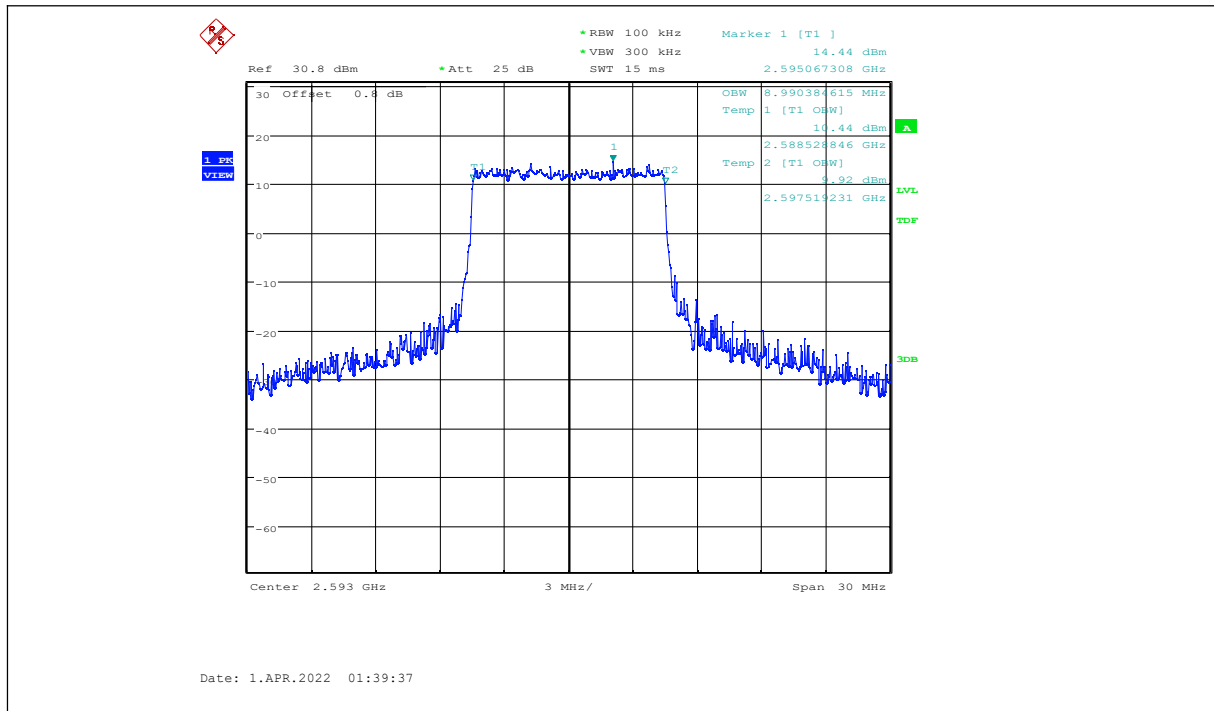
LTE band 41,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
2593	8.942	8.990

LTE band 41 , 10MHz Bandwidth,QPSK (99% BW)



LTE band 41 , 10MHz Bandwidth,16QAM (99% BW)



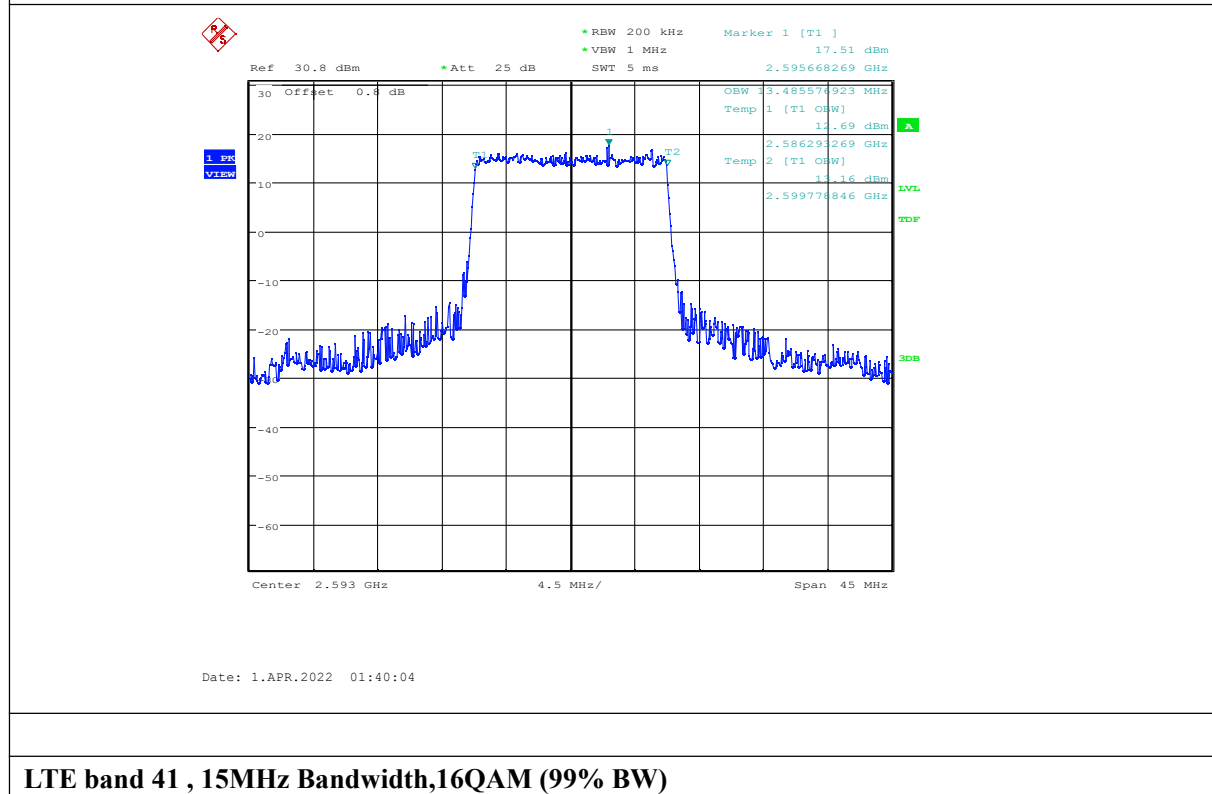
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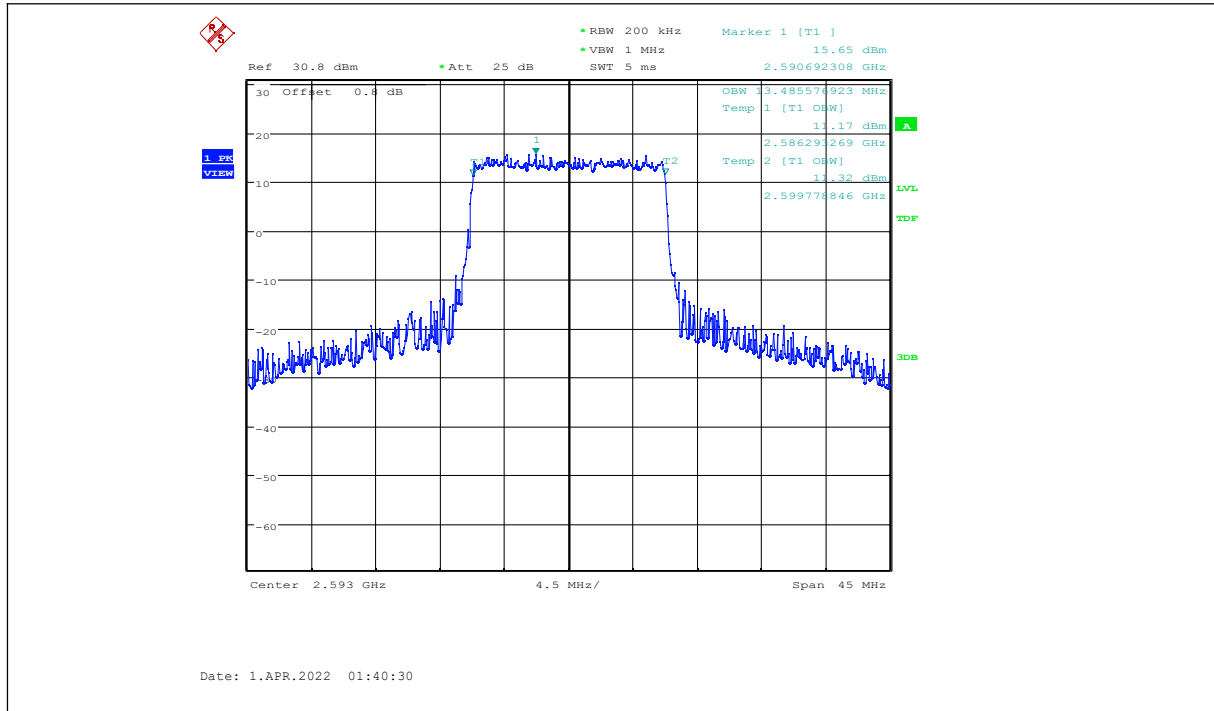
LTE band 41,15MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
2593	13.486	13.486

LTE band 41 , 15MHz Bandwidth,QPSK (99% BW)



LTE band 41 , 15MHz Bandwidth,16QAM (99% BW)



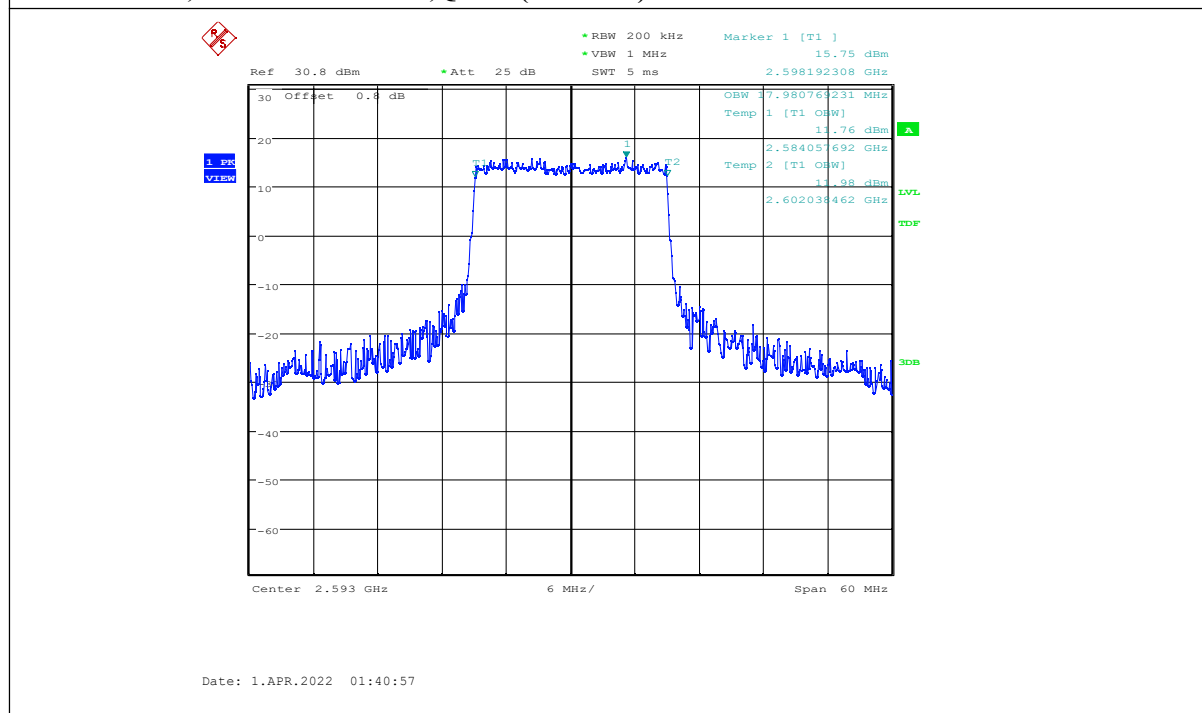
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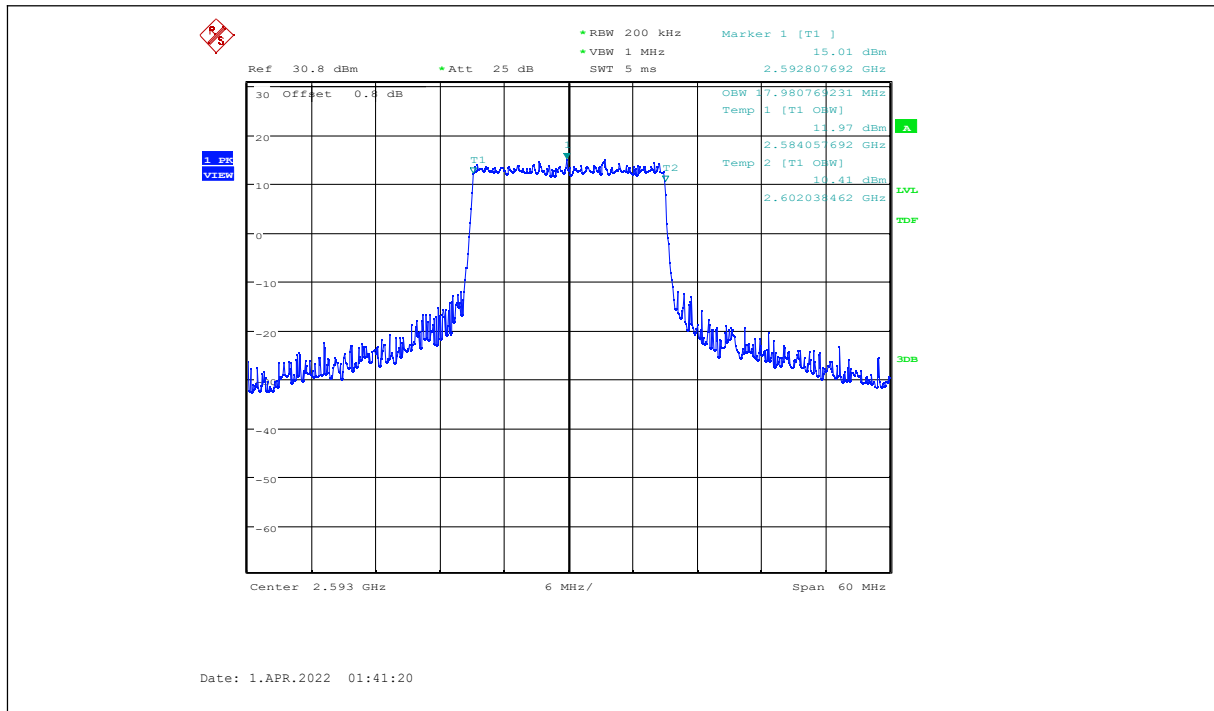
LTE band 41,20MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
2593	17.981	17.981

LTE band 41 , 20MHz Bandwidth,QPSK (99% BW)



LTE band 41 , 20MHz Bandwidth,16QAM (99% BW)



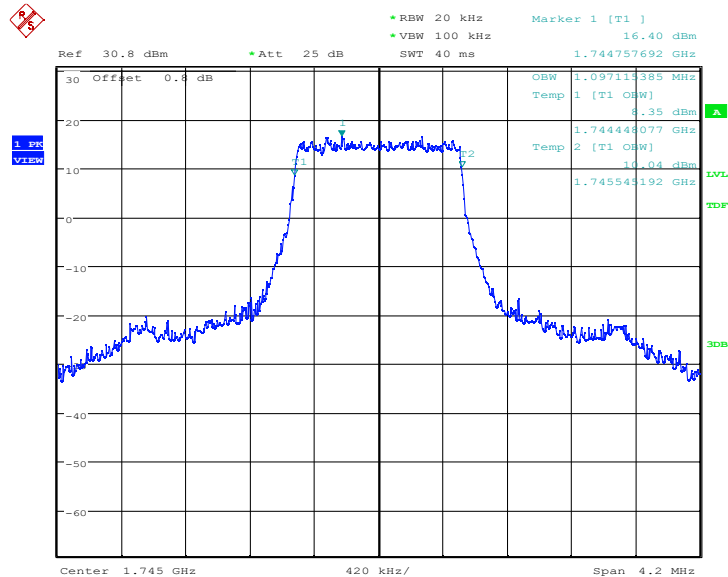
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LTE band 66,1.4MHz(99%)

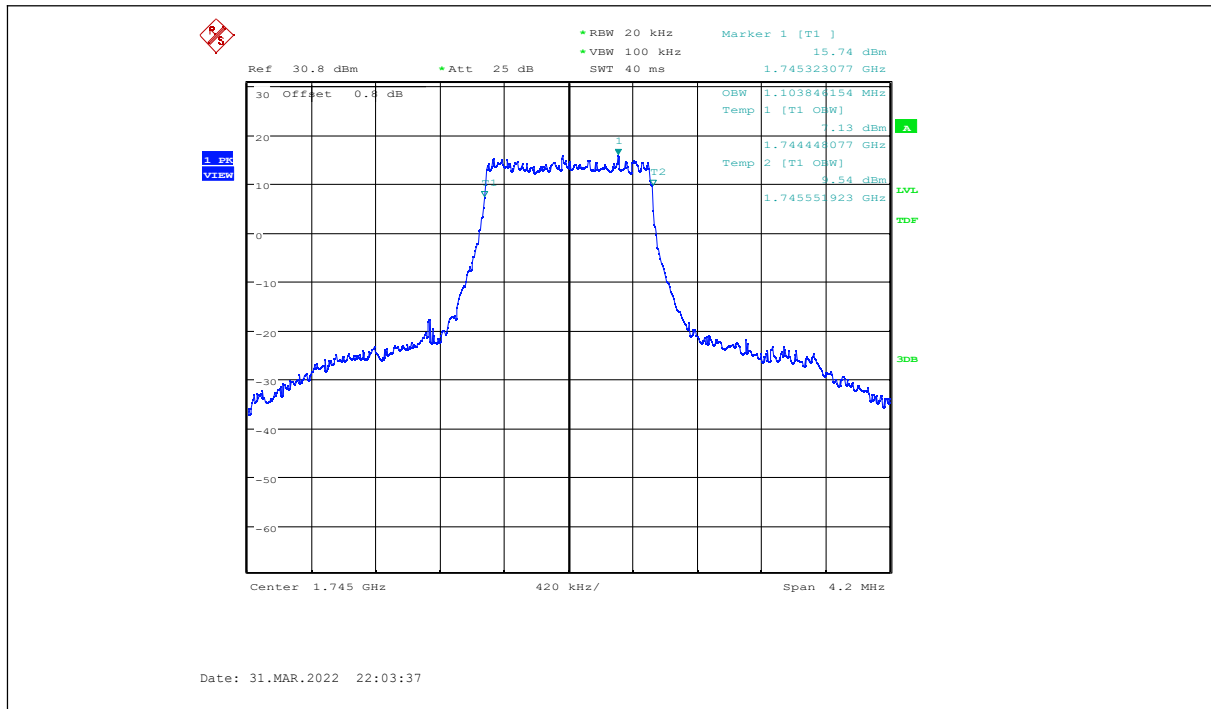
Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1745	1.097	1.104

LTE band 66 , 1.4MHz Bandwidth,QPSK (99% BW)



Date: 31.MAR.2022 22:03:14

LTE band 66 , 1.4MHz Bandwidth,16QAM (99% BW)



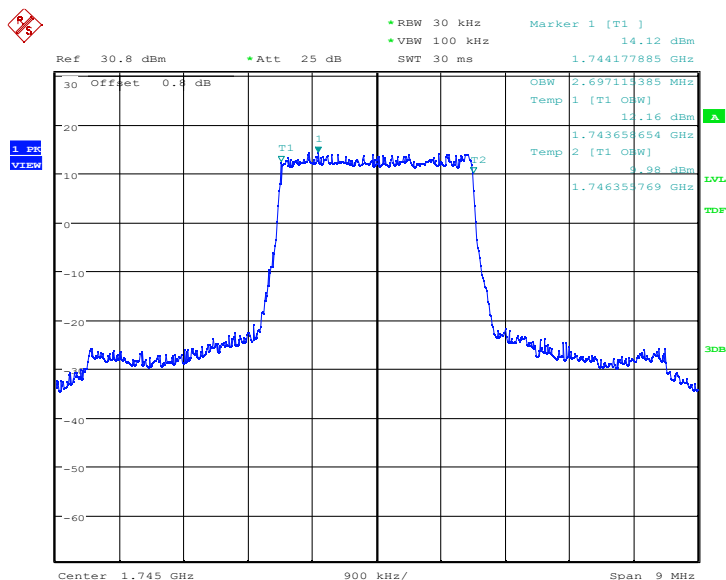
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LTE band 66,3MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1745	2.697	2.697

LTE band 66 , 3MHz Bandwidth,QPSK (99% BW)

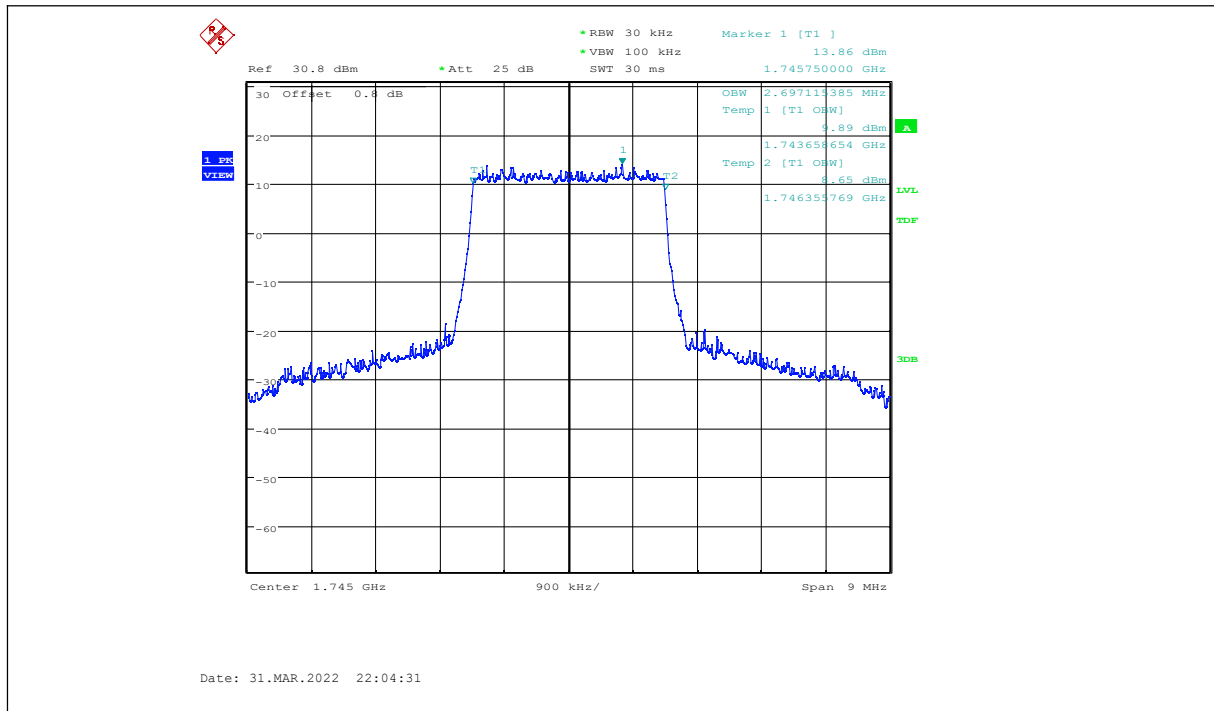


Date: 31.MAR.2022 22:04:06

LTE band 66 , 3MHz Bandwidth,16QAM (99% BW)

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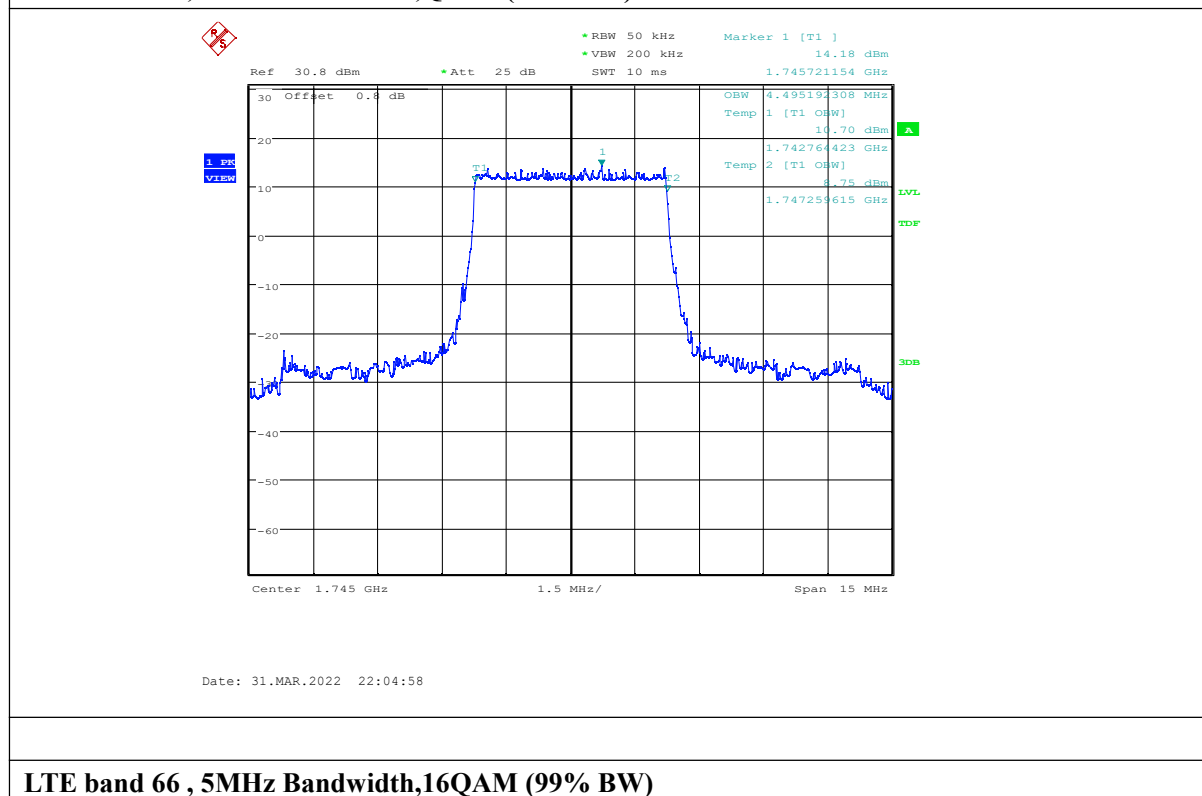
Chongqing Academy of Information and Communication Technology

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Tel: 0086-23-88069965 FAX:0086-23-88608777

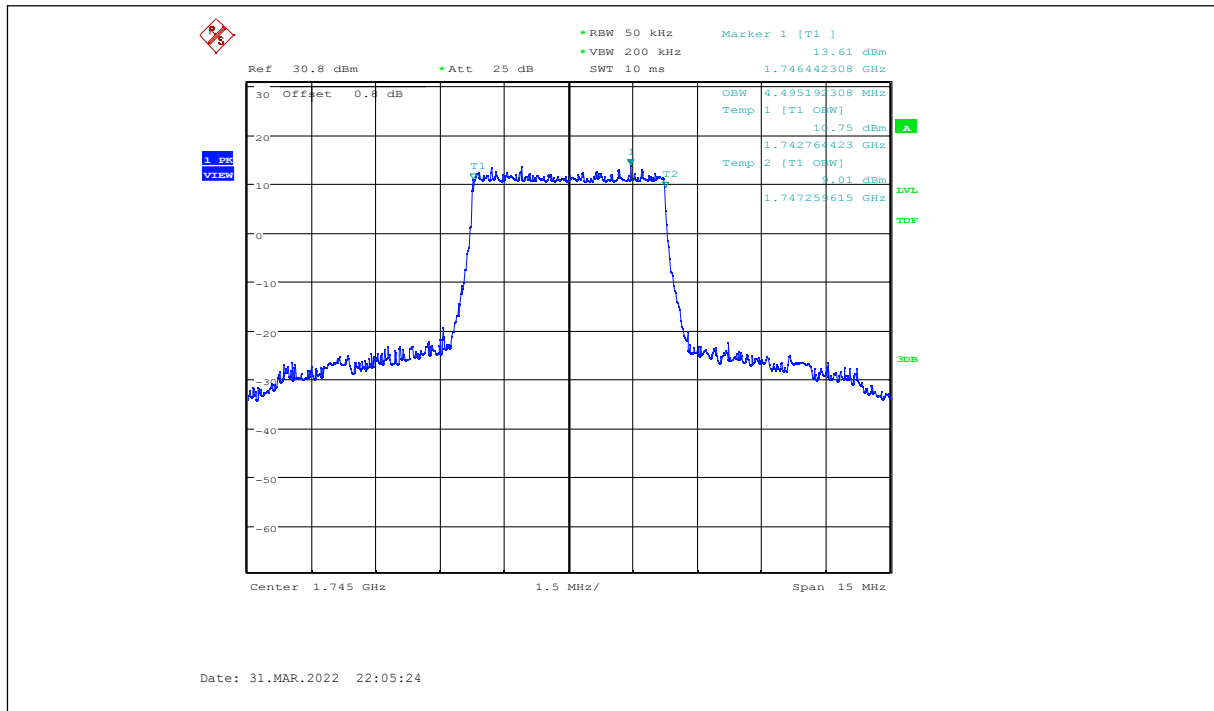
LTE band 66,5MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1745	4.495	4.495

LTE band 66 , 5MHz Bandwidth,QPSK (99% BW)



LTE band 66 , 5MHz Bandwidth,16QAM (99% BW)



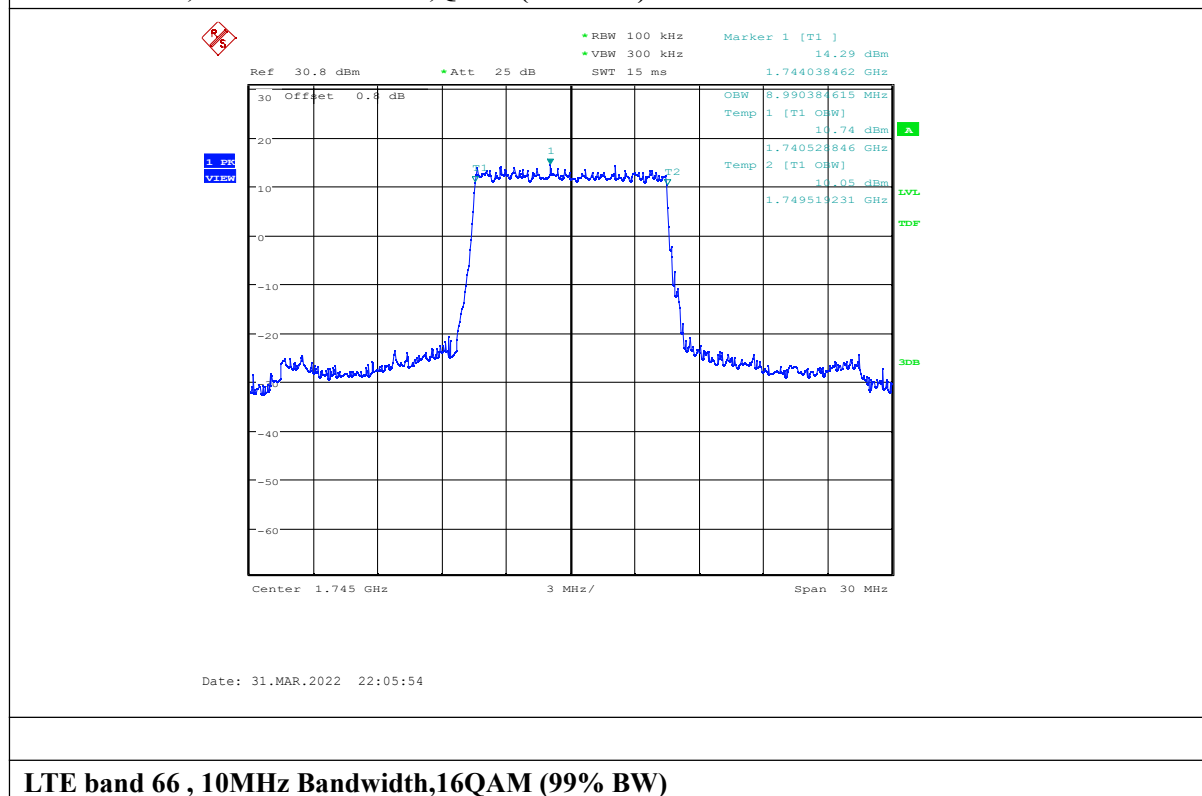
Chongqing Academy of Information and Communication Technology

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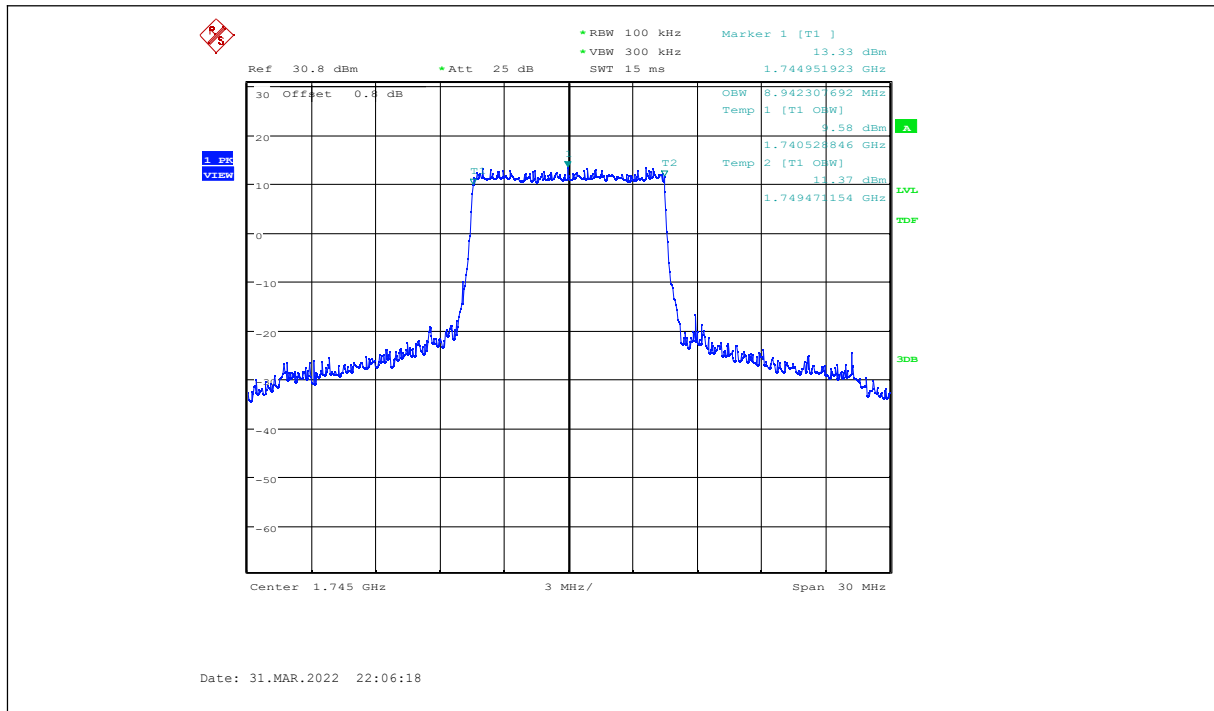
LTE band 66,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1745	8.990	8.942

LTE band 66 , 10MHz Bandwidth,QPSK (99% BW)



LTE band 66 , 10MHz Bandwidth,16QAM (99% BW)



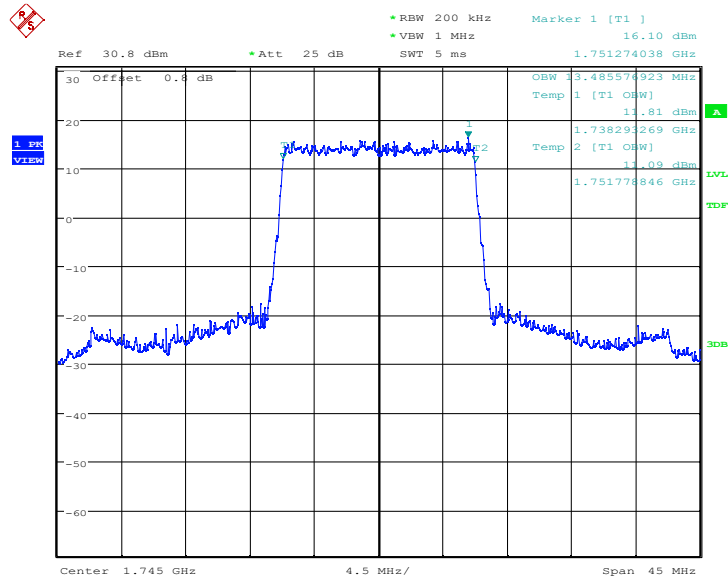
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LTE band 66,15MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1745	13.486	13.486

LTE band 66 , 15MHz Bandwidth,QPSK (99% BW)



Date: 31.MAR.2022 22:06:46

LTE band 66 , 15MHz Bandwidth,16QAM (99% BW)



The screenshot displays a Spectrum Analyzer interface. At the top, a red 'X' icon is visible. The main display area shows a blue signal trace on a grid. Two markers, T1 and T2, are placed on the signal. The right side of the screen contains a table of measurement data. Below the table, the center frequency, span, and resolution bandwidth are displayed.

Ref	30.8 dBm	Att	25 dB	SWT	5 ms	Marker 1 [T1]	14.76 dBm
OBW	1.741177885 GHz	13.485574923 MHz	Temp	1 [T1 OBW]	13.15 dBm	1.738293269 GHz	13.45 dBm
Temp	2 [T1 OBW]	1.751778846 GHz					

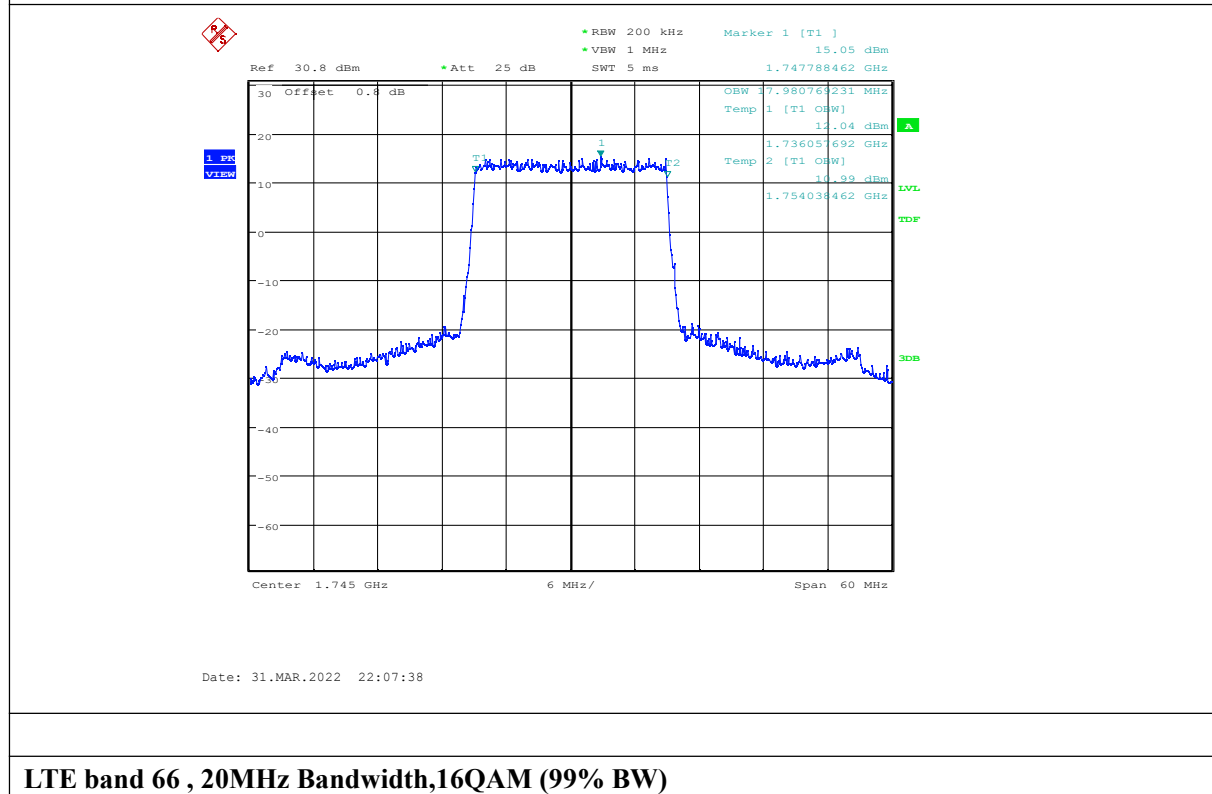
Center 1.745 GHz 4.5 MHz/ Span 45 MHz

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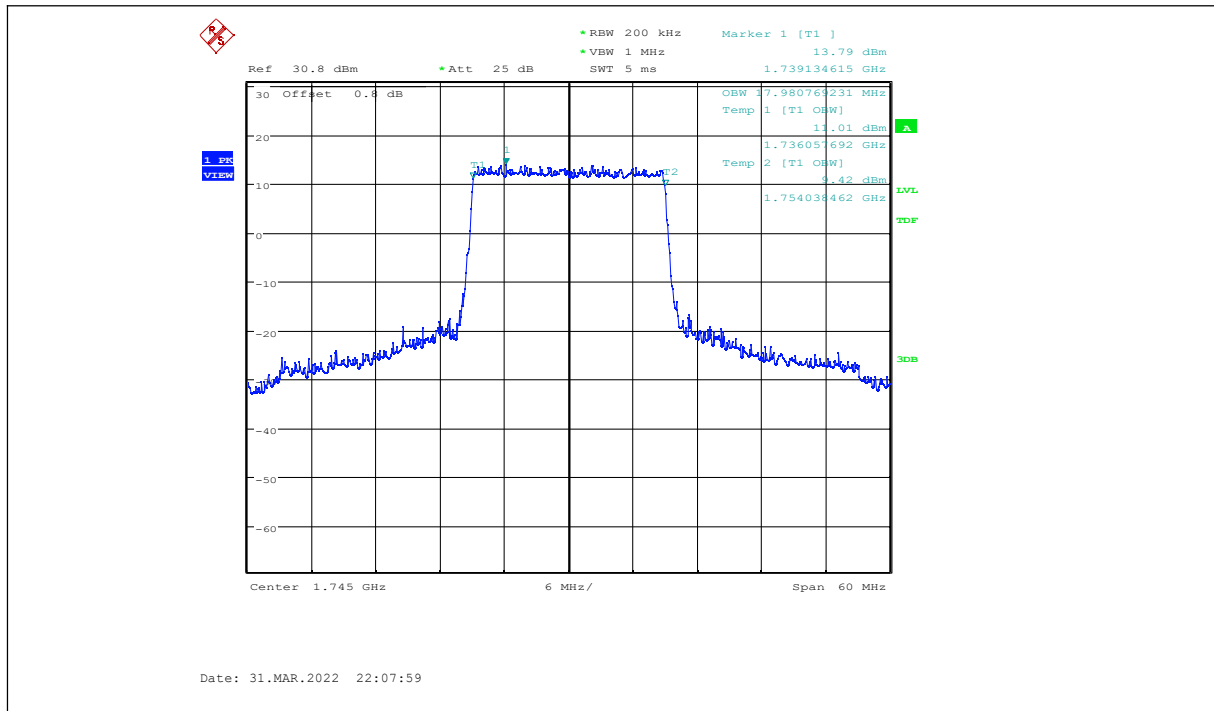
LTE band 66,20MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
1745	17.981	17.981

LTE band 66 , 20MHz Bandwidth,QPSK (99% BW)



LTE band 66 , 20MHz Bandwidth,16QAM (99% BW)



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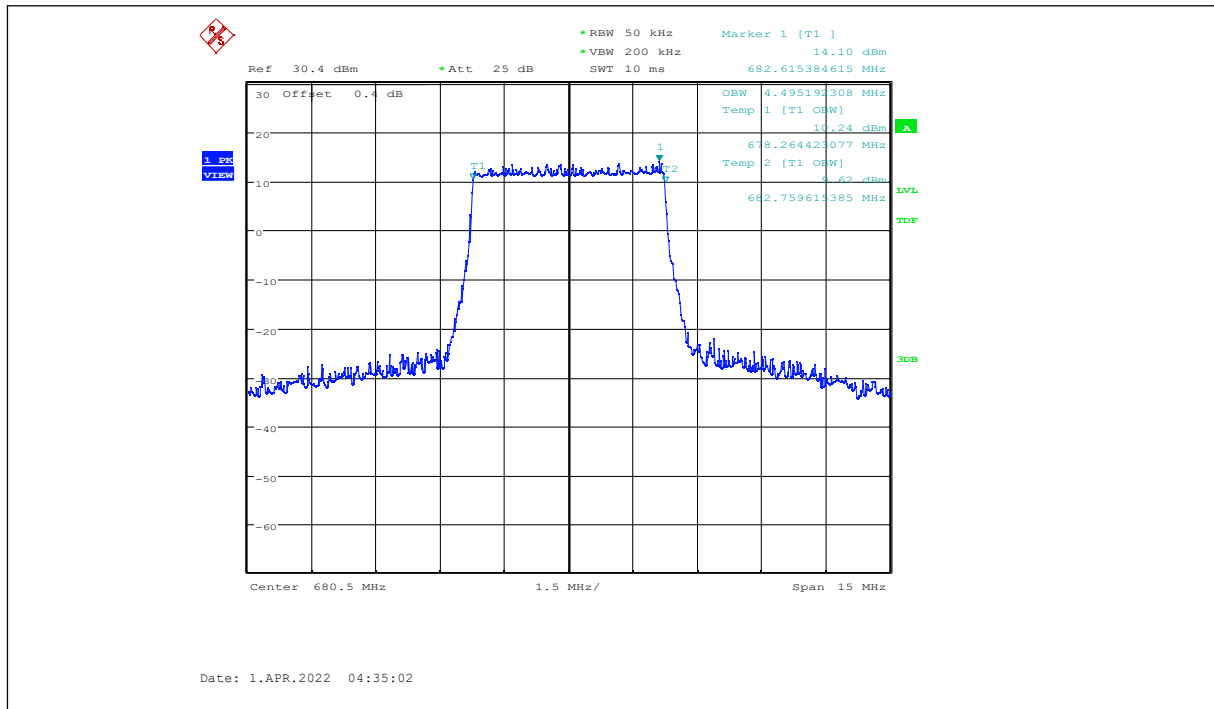
LTE band 71,5MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
680.5	4.495	4.495



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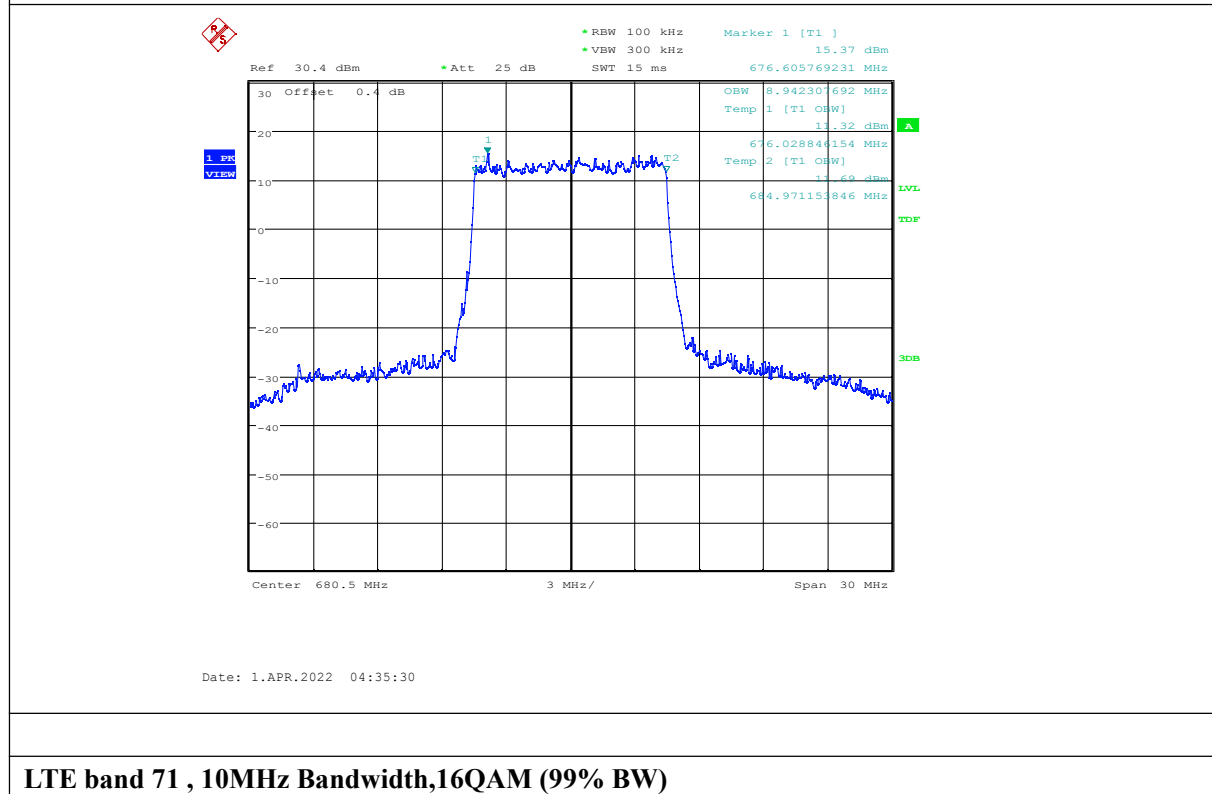
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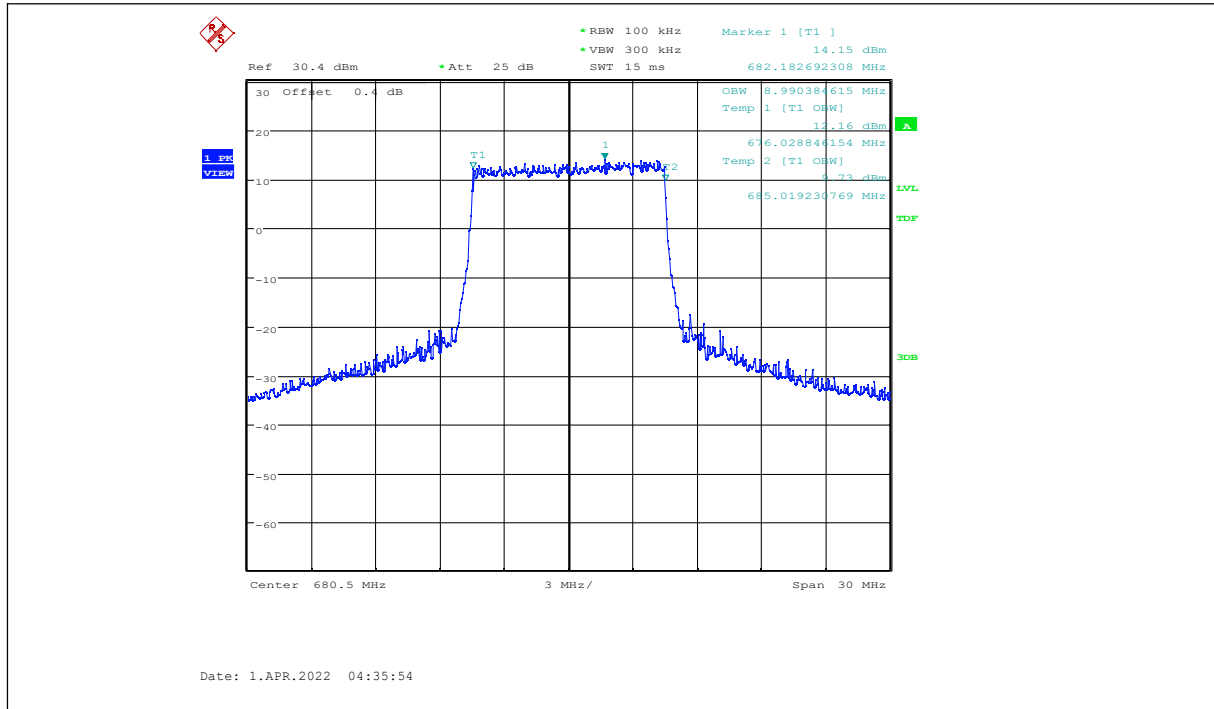
LTE band 71,10MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
680.5	8.942	8.990

LTE band 71 , 10MHz Bandwidth,QPSK (99% BW)



LTE band 71 , 10MHz Bandwidth,16QAM (99% BW)



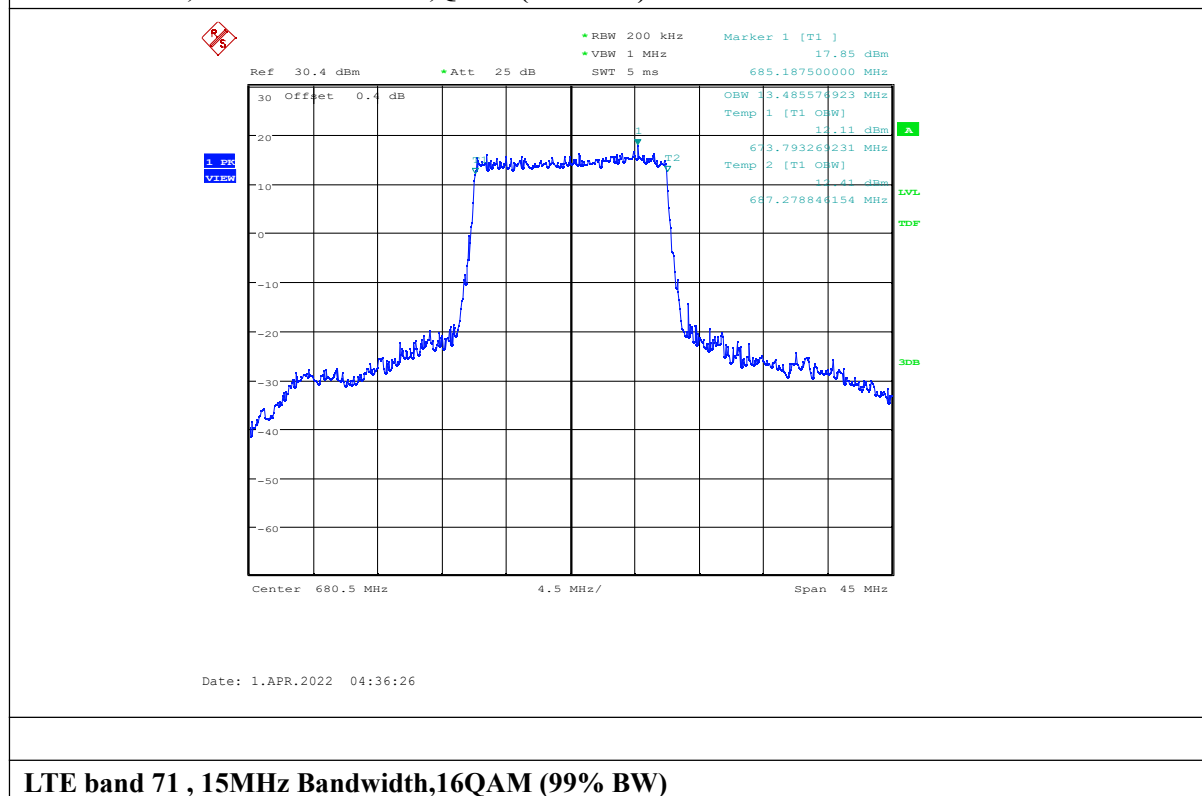
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LTE band 71,15MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
680.5	13.486	13.486

LTE band 71 , 15MHz Bandwidth,QPSK (99% BW)



LTE band 71 , 15MHz Bandwidth,16QAM (99% BW)

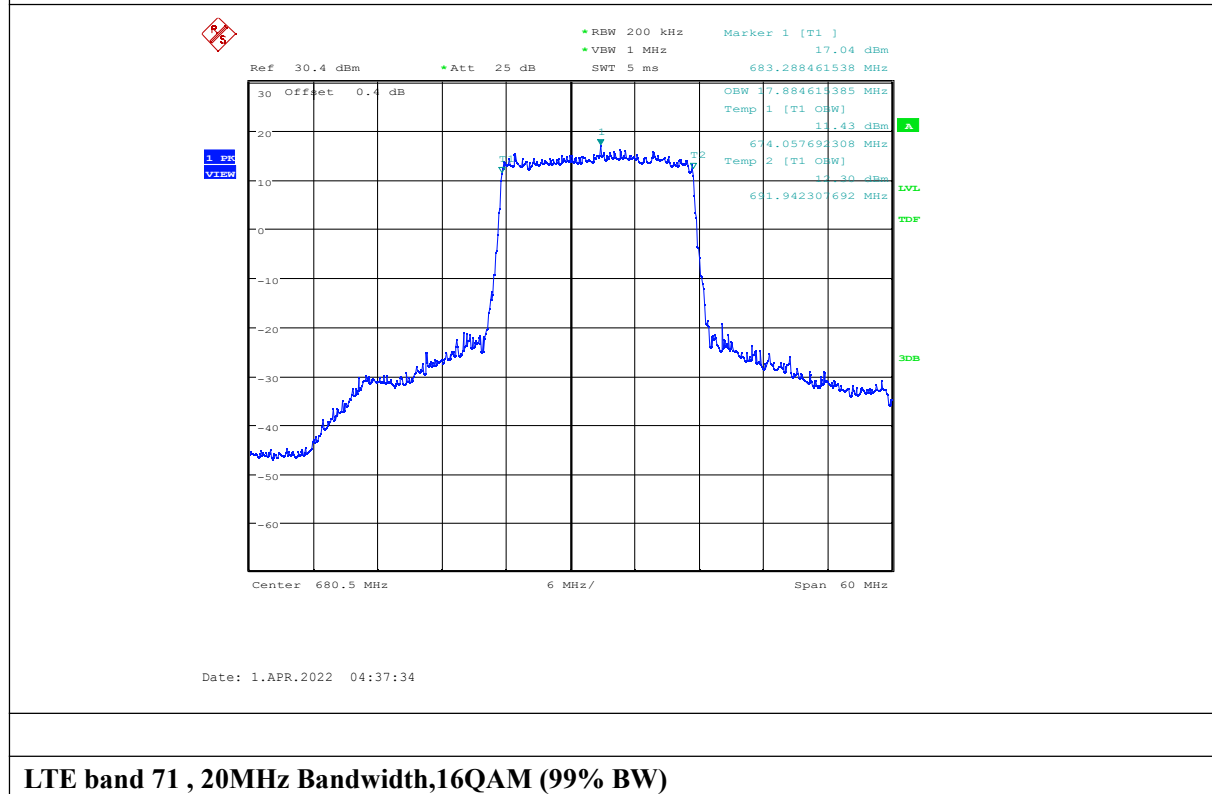
[illegible]

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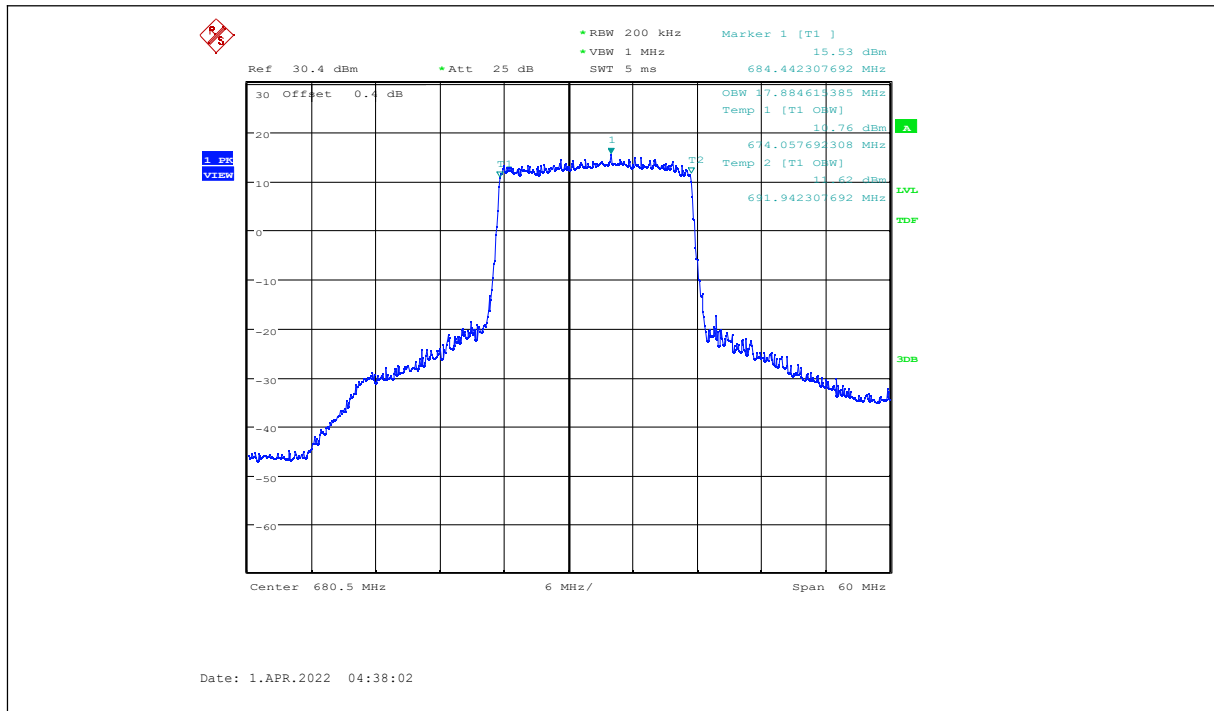
LTE band 71,20MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%)(MHz)	
	QPSK	16QAM
683	17.885	17.885

LTE band 71 , 20MHz Bandwidth,QPSK (99% BW)



LTE band 71 , 20MHz Bandwidth,16QAM (99% BW)



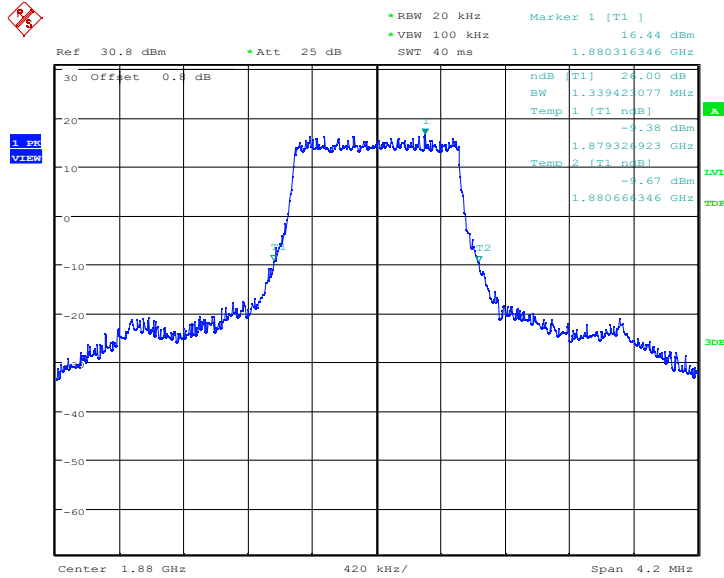
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LTE band 2,1.4MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1880	1.339	1.346

LTE band 2 , 1.4MHz Bandwidth,QPSK (-26dBc BW)

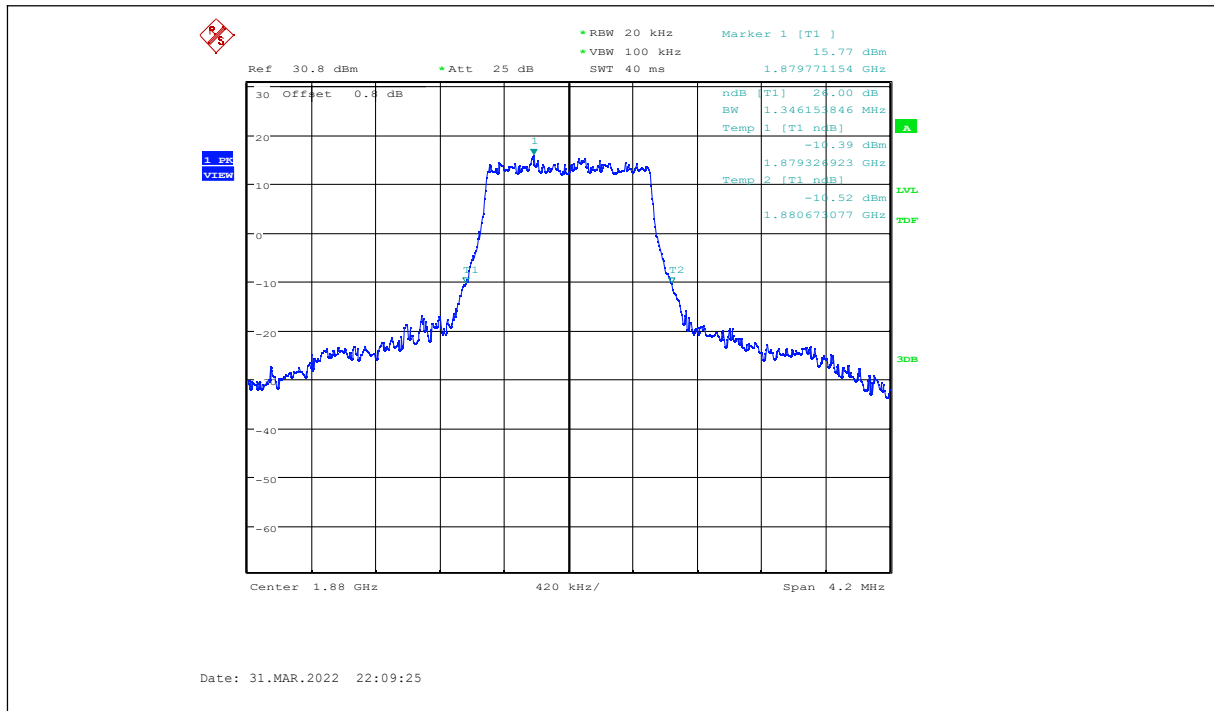


Date: 31.MAR.2022 22:09:03

LTE band 2 , 1.4MHz Bandwidth,16QAM (-26dBc BW)

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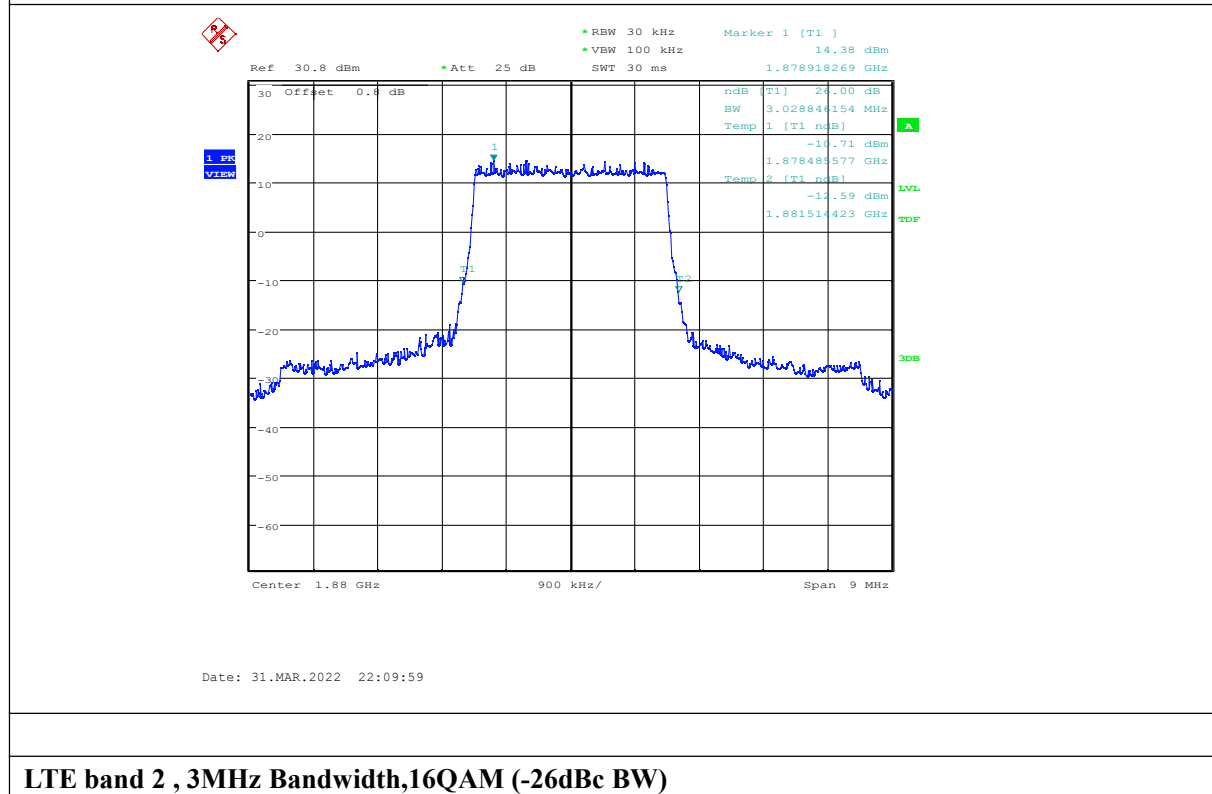
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LTE band 2,3MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1880	3.029	3.043

LTE band 2 , 3MHz Bandwidth,QPSK (-26dBc BW)



LTE band 2 , 3MHz Bandwidth,16QAM (-26dBc BW)



1 PR VIEW

Ref 30.8 dBm Att 25 dB SWT 30 ms 1.880923077 GHz

ndB [T1] 24.00 dB
 BW 3.043269231 MHz
 Temp 1 [T1 ndB] -12.54 dBm
 1.878483577 GHz
 Temp 2 [T1 ndB] -12.75 dBm
 1.881528846 GHz

Offset 0.8 dB

Center 1.88 GHz 900 kHz/ Span 9 MHz

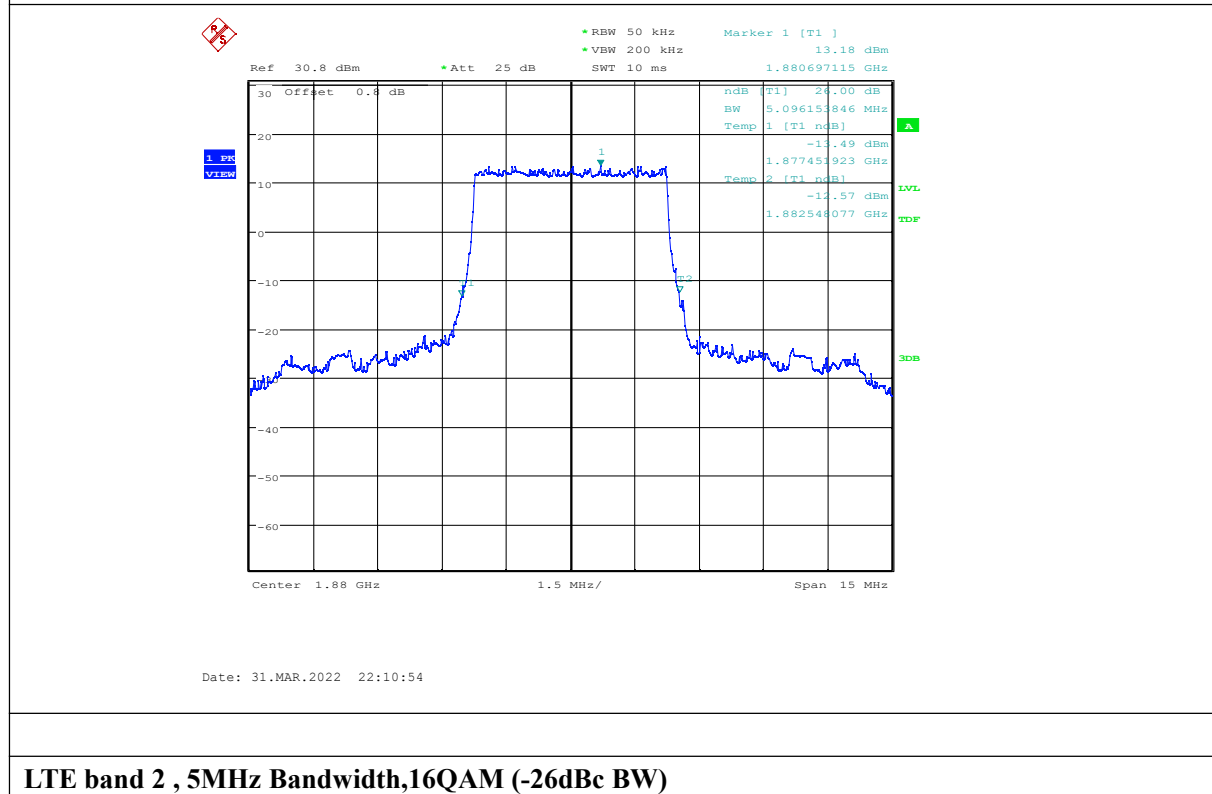
Date: 31.MAR.2022 22:10:24

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Tel: 0086-23-88069965 FAX:0086-23-88608777

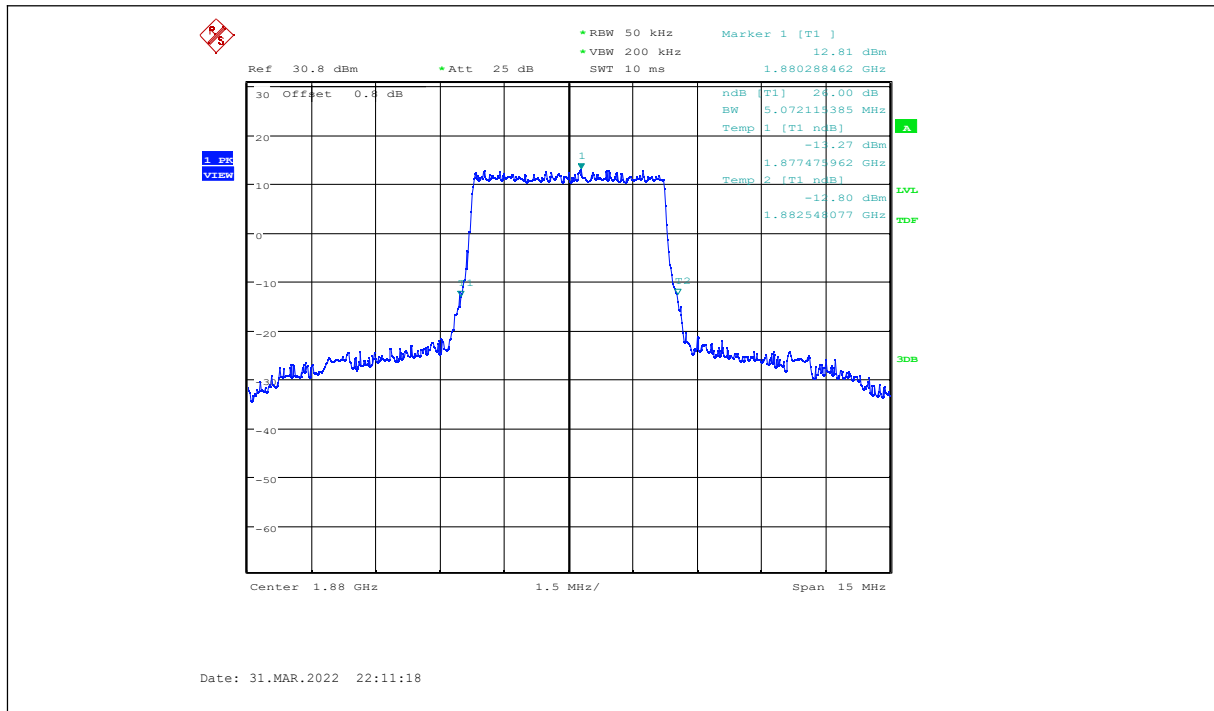
LTE band 2,5MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1880	5.096	5.072

LTE band 2 , 5MHz Bandwidth,QPSK (-26dBc BW)



LTE band 2 , 5MHz Bandwidth,16QAM (-26dBc BW)



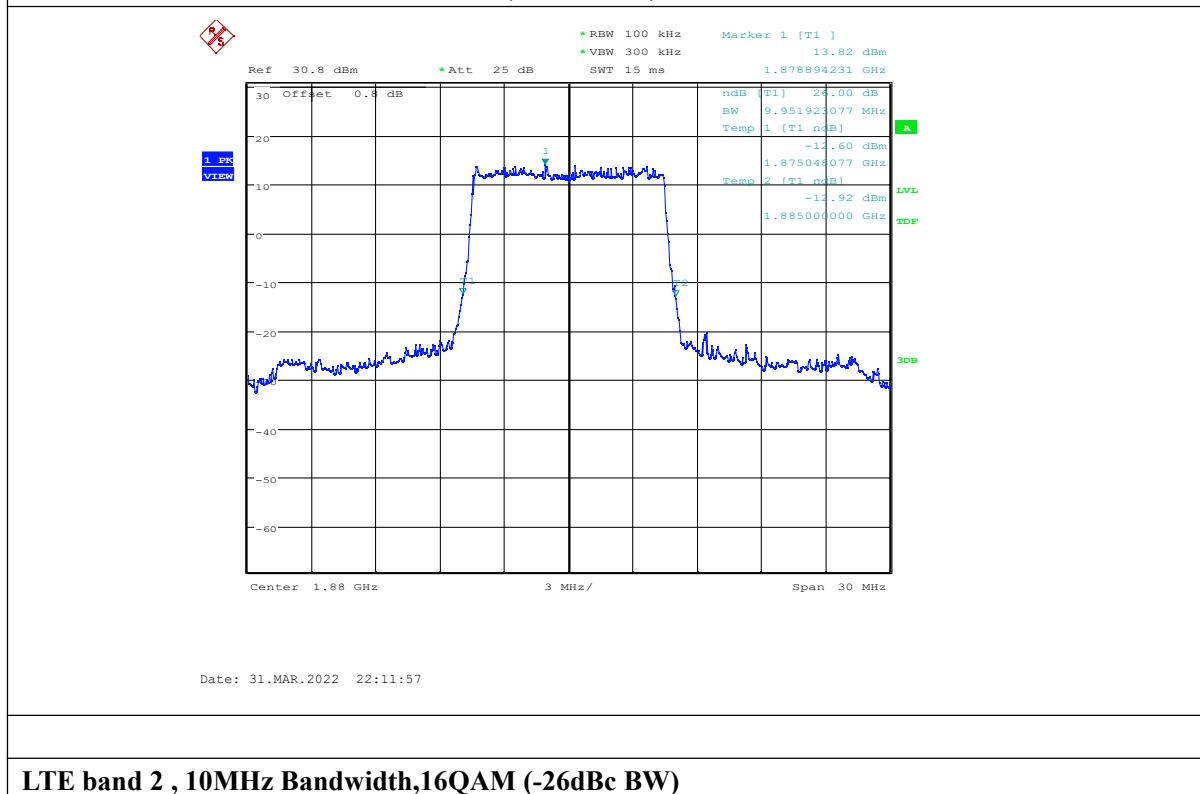
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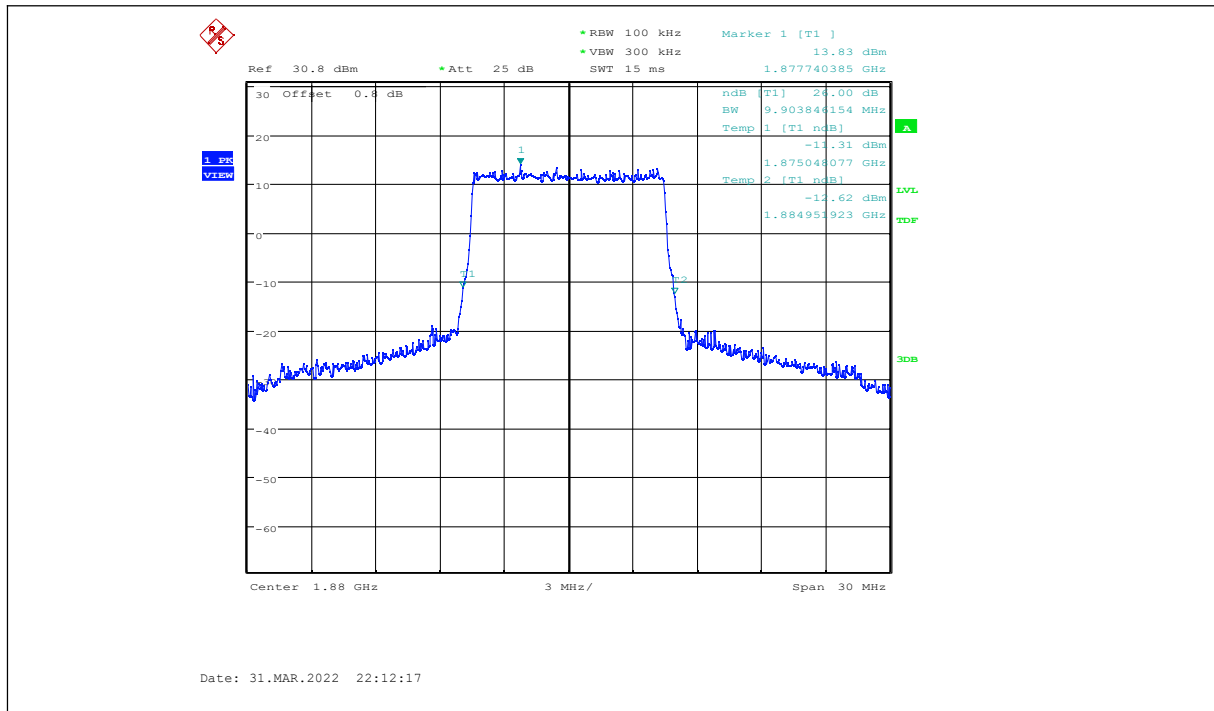
LTE band 2,10MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1880	9.952	9.904

LTE band 2 , 10MHz Bandwidth,QPSK (-26dBc BW)



LTE band 2 , 10MHz Bandwidth,16QAM (-26dBc BW)



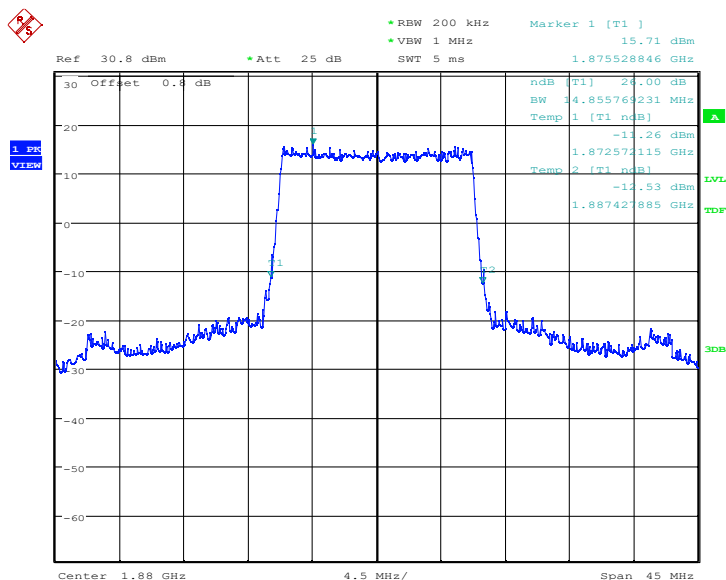
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LTE band 2,15MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1880	14.856	14.856

LTE band 2 , 15MHz Bandwidth,QPSK (-26dBc BW)

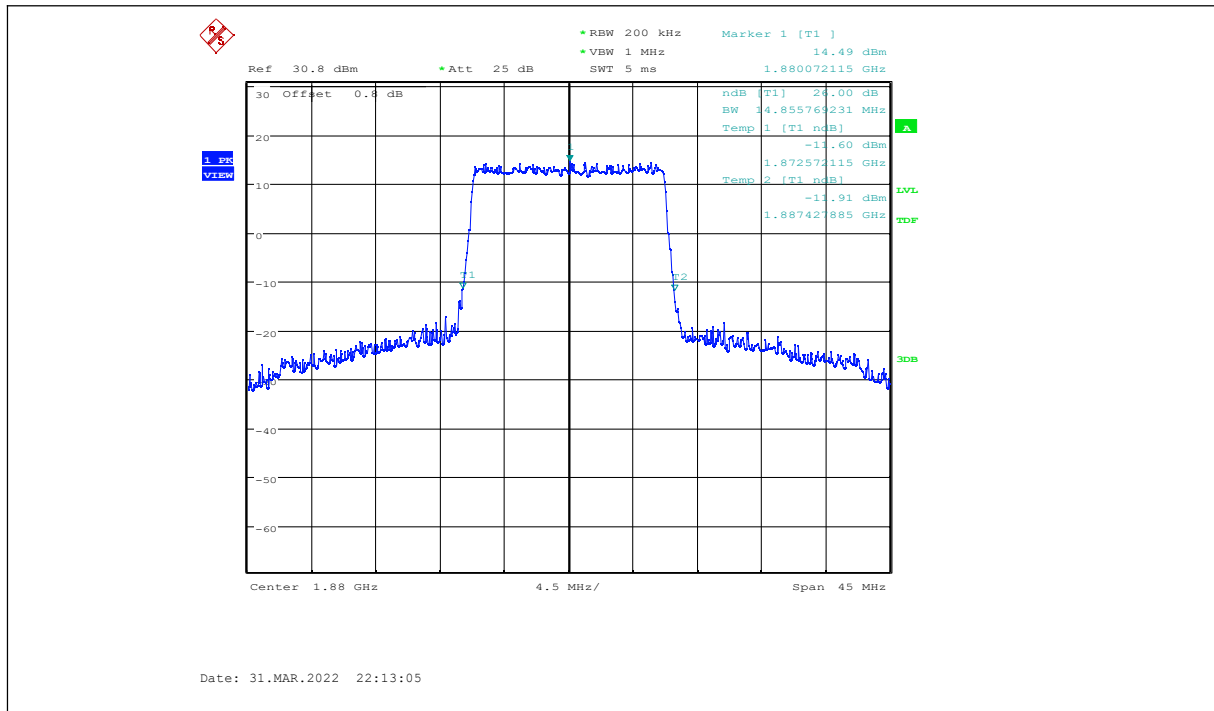


Date: 31.MAR.2022 22:12:44

LTE band 2 , 15MHz Bandwidth,16QAM (-26dBc BW)

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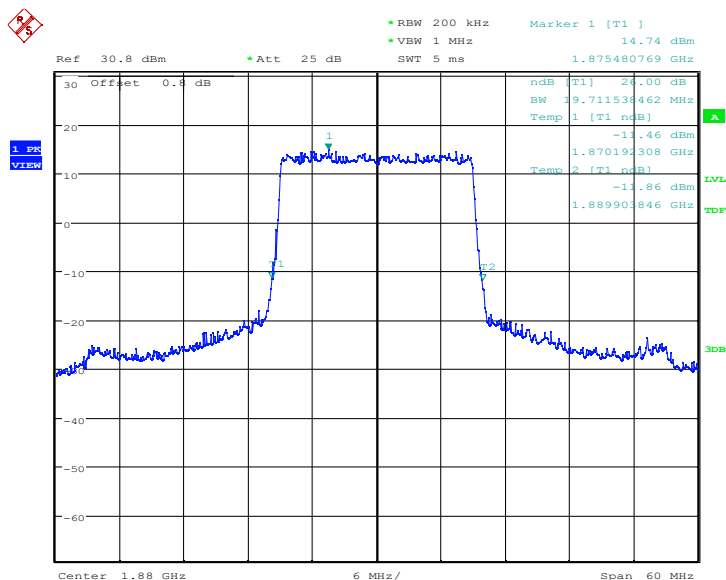
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LTE band 2,20MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1880	19.712	19.615

LTE band 2 , 20MHz Bandwidth,QPSK (-26dBc BW)

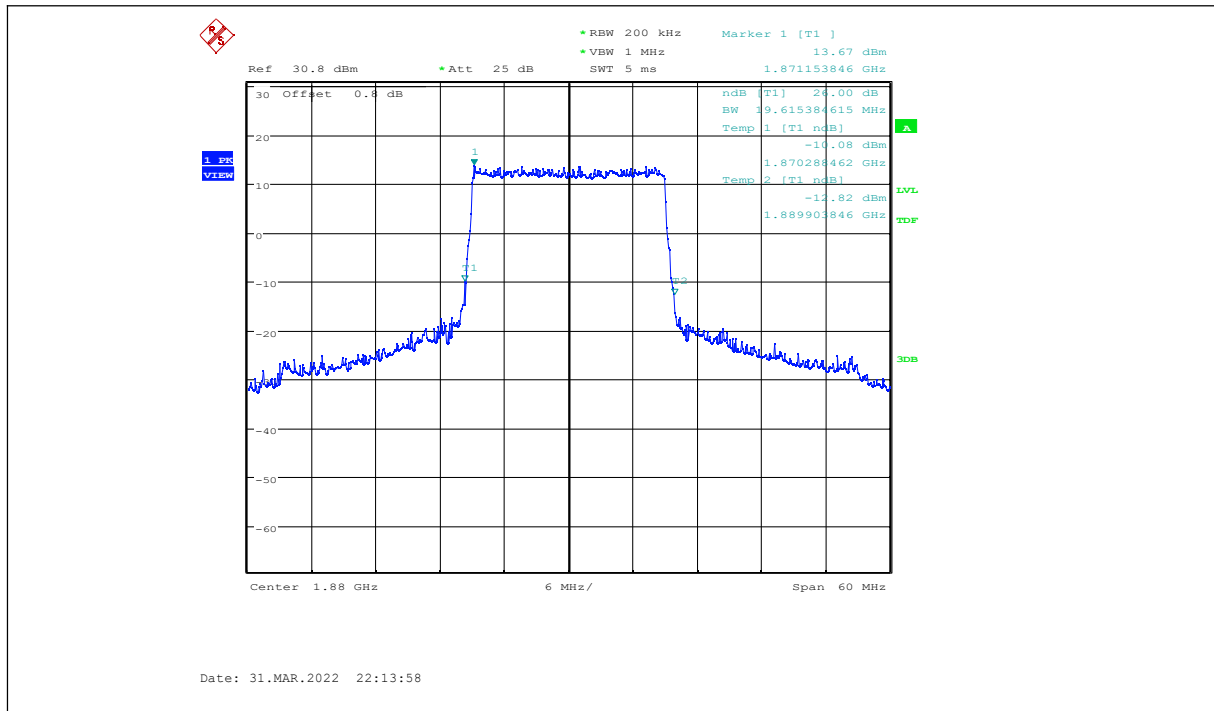


Date: 31.MAR.2022 22:13:32

LTE band 2 , 20MHz Bandwidth,16QAM (-26dBc BW)

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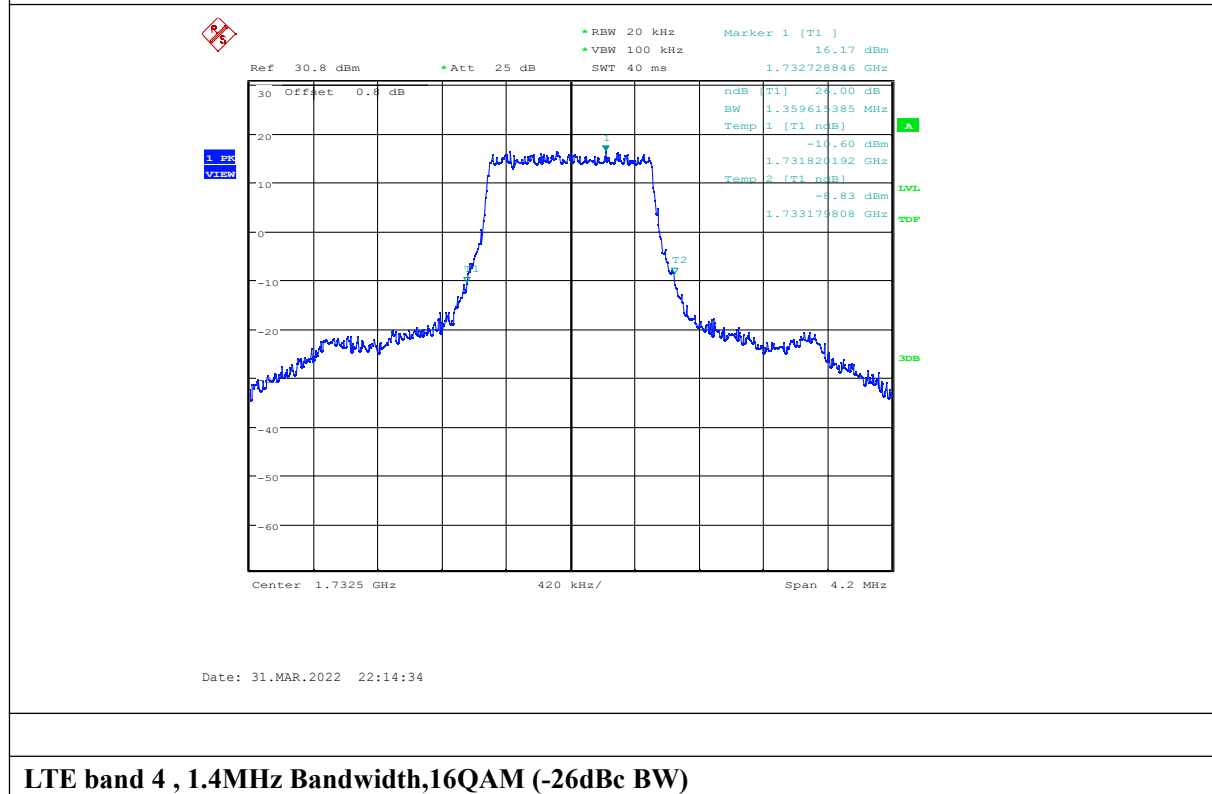
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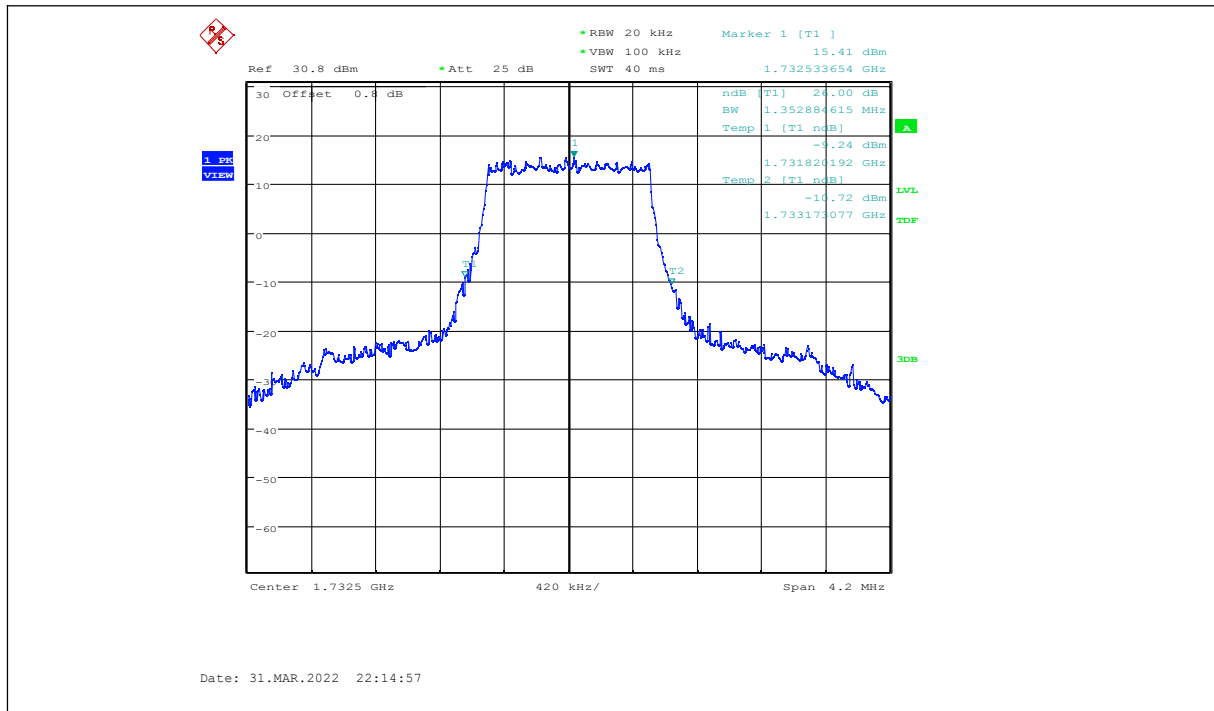
LTE band 4,1.4MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1732.5	1.360	1.353

LTE band 4 , 1.4MHz Bandwidth,QPSK (-26dBc BW)



LTE band 4 , 1.4MHz Bandwidth,16QAM (-26dBc BW)



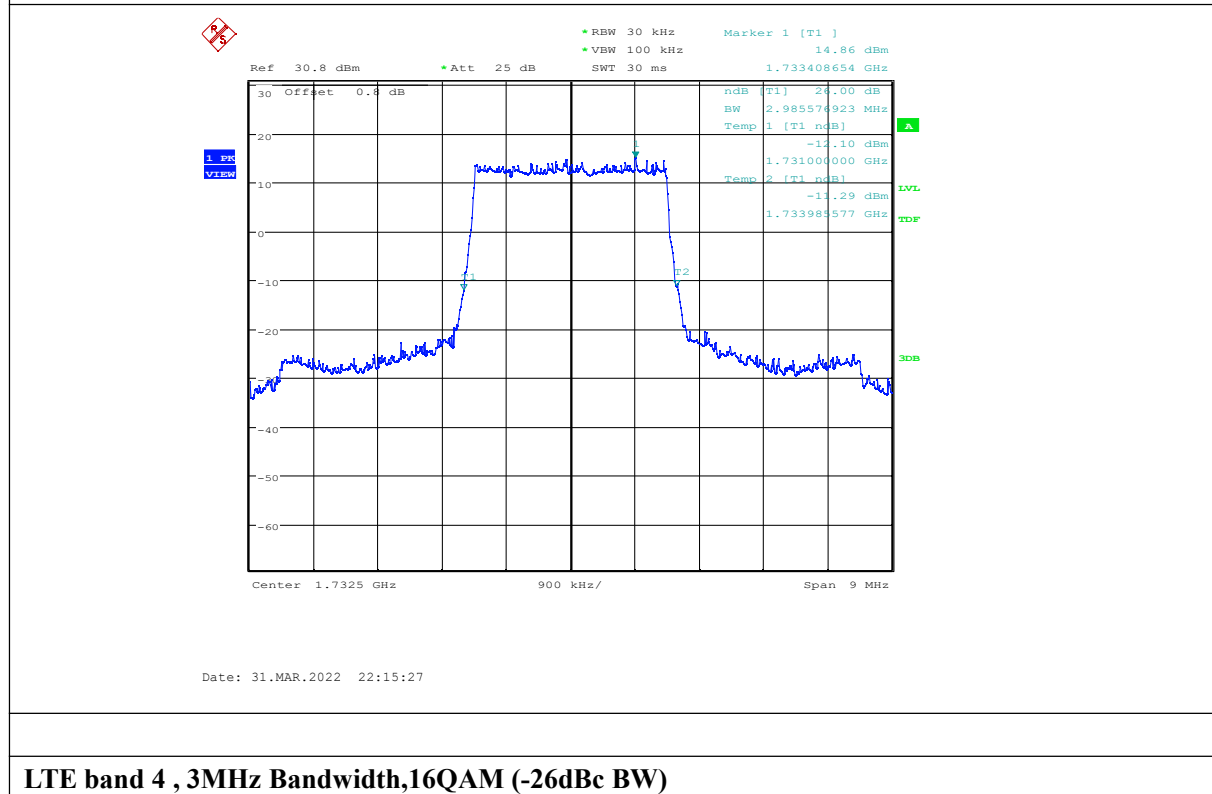
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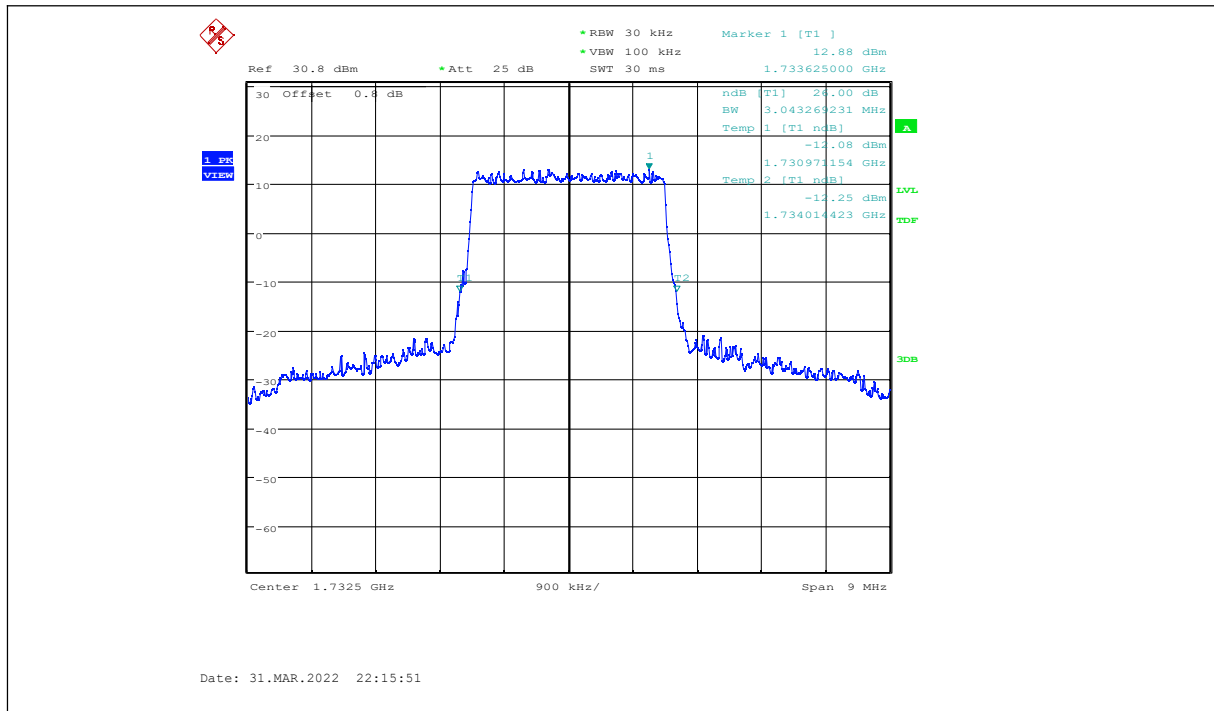
LTE band 4,3MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1732.5	2.986	3.043

LTE band 4 , 3MHz Bandwidth,QPSK (-26dBc BW)



LTE band 4 , 3MHz Bandwidth,16QAM (-26dBc BW)



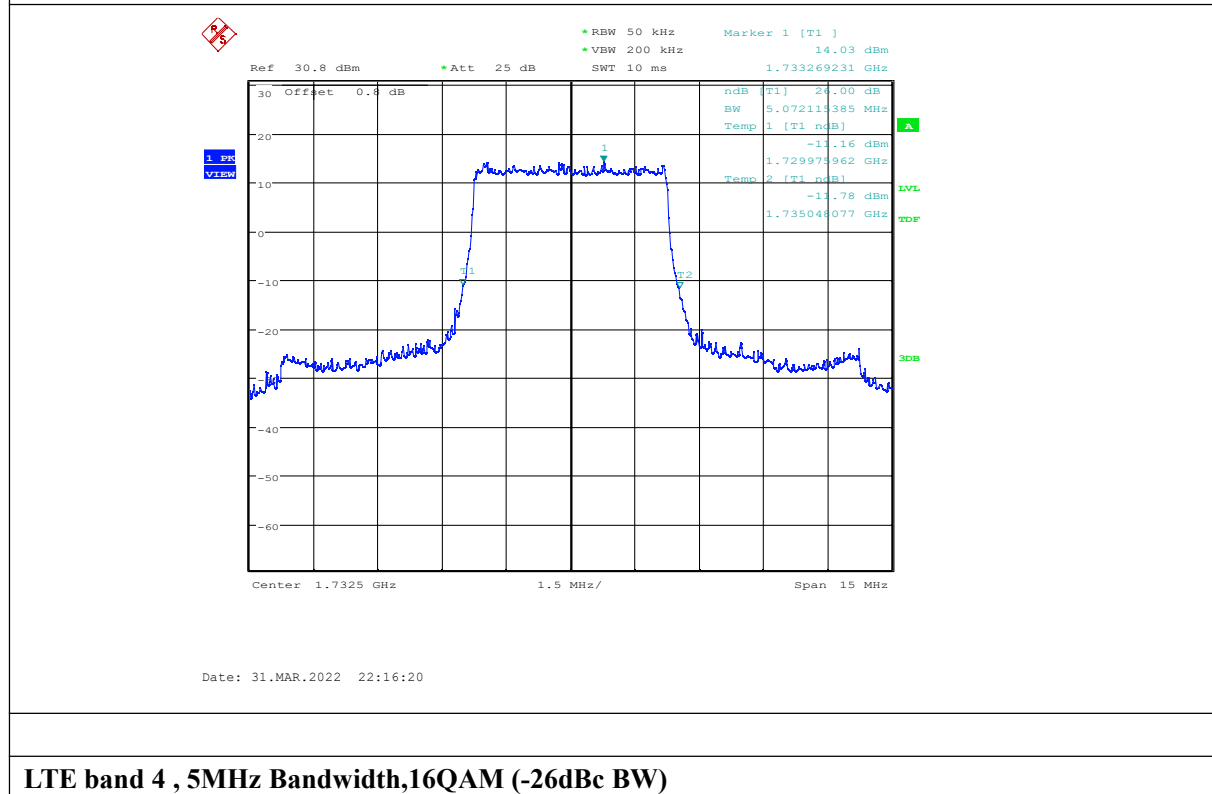
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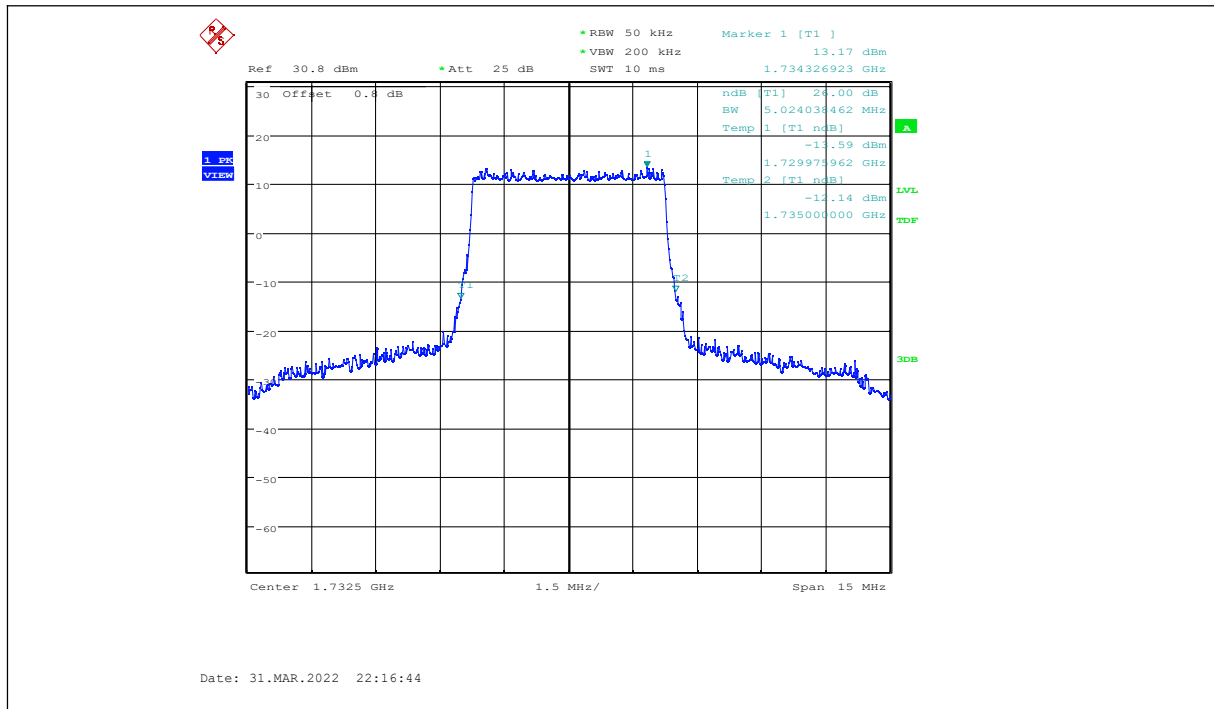
LTE band 4,5MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1732.5	5.072	5.024

LTE band 4 , 5MHz Bandwidth,QPSK (-26dBc BW)



LTE band 4 , 5MHz Bandwidth,16QAM (-26dBc BW)



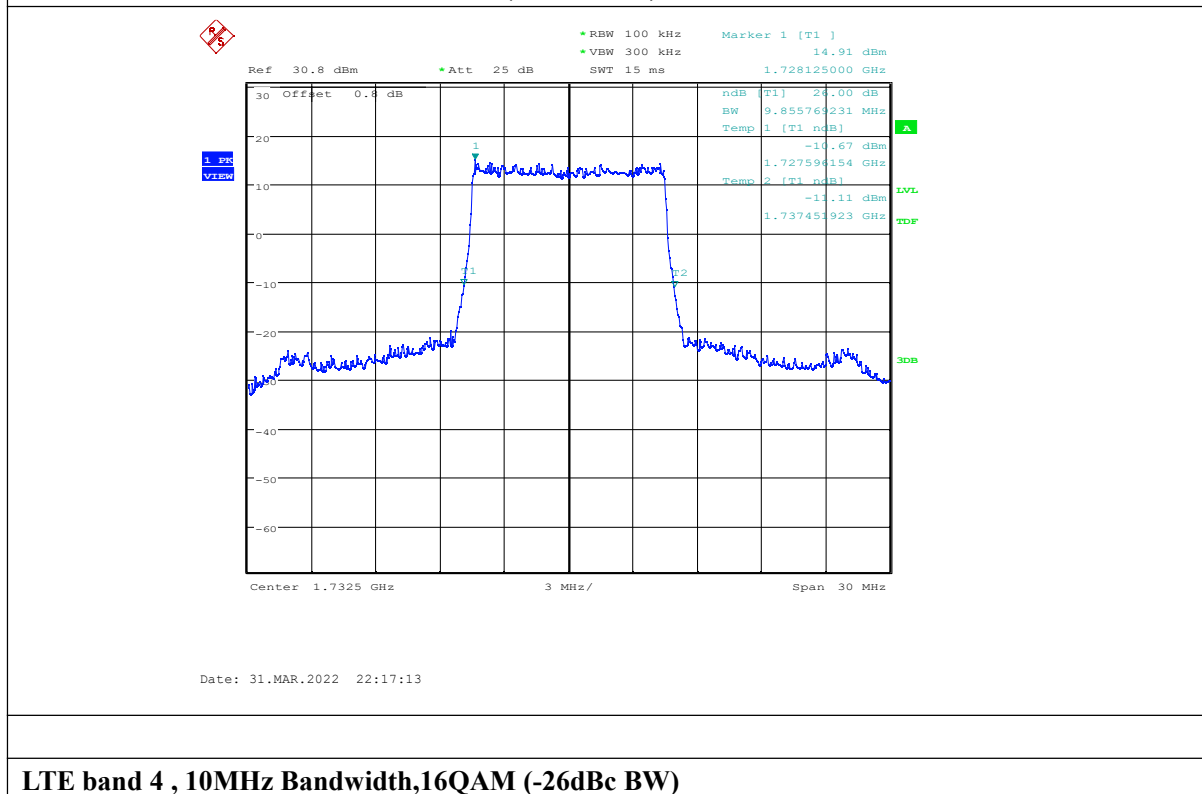
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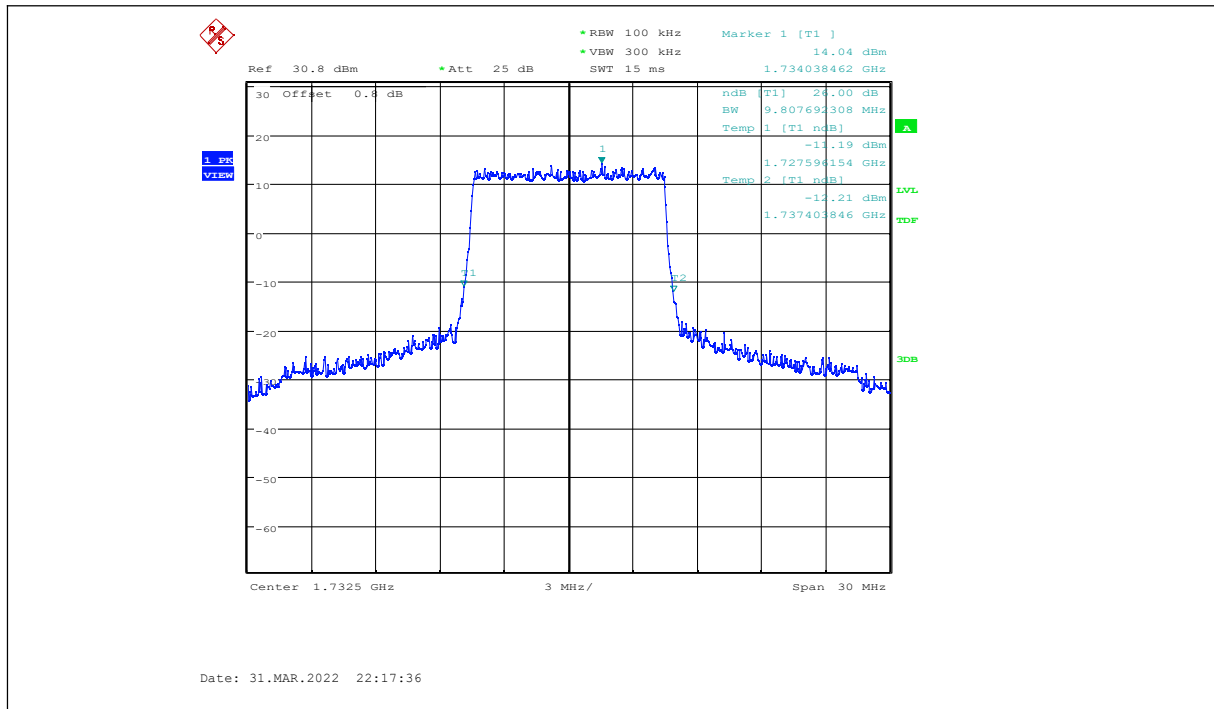
LTE band 4,10MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1732.5	9.856	9.808

LTE band 4 , 10MHz Bandwidth,QPSK (-26dBc BW)



LTE band 4 , 10MHz Bandwidth,16QAM (-26dBc BW)



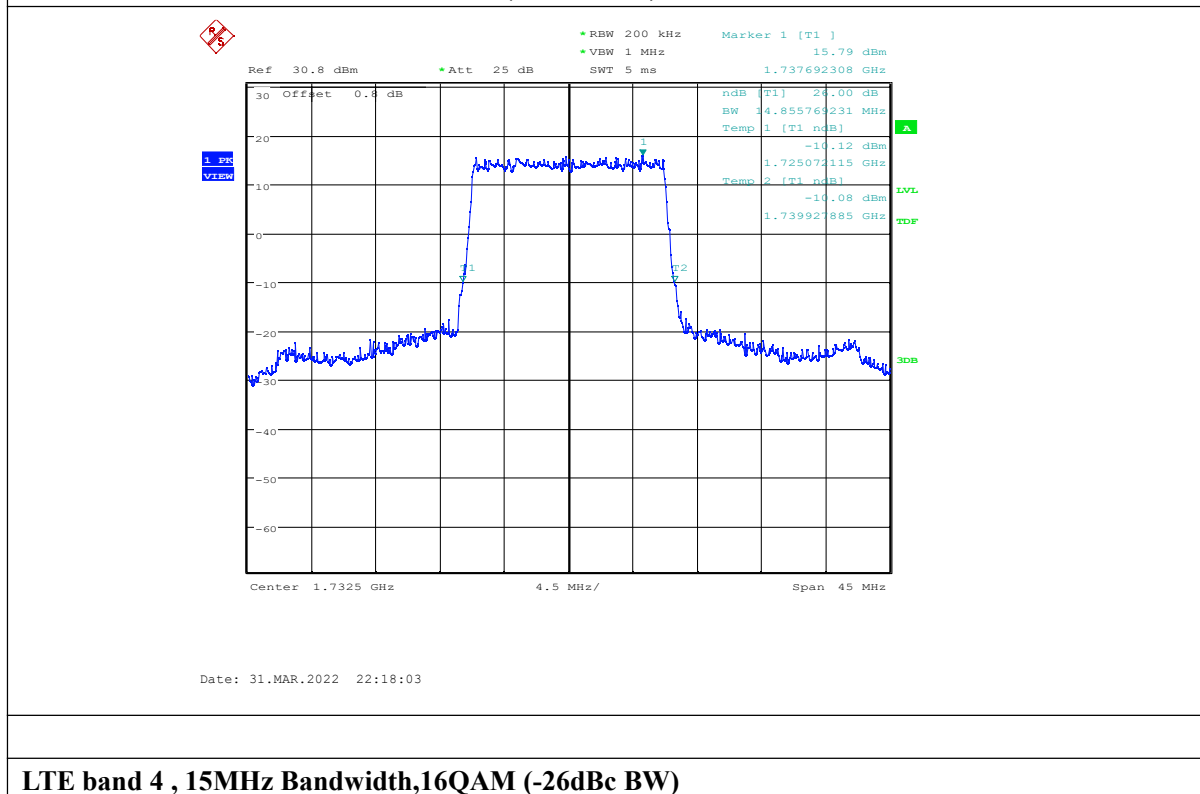
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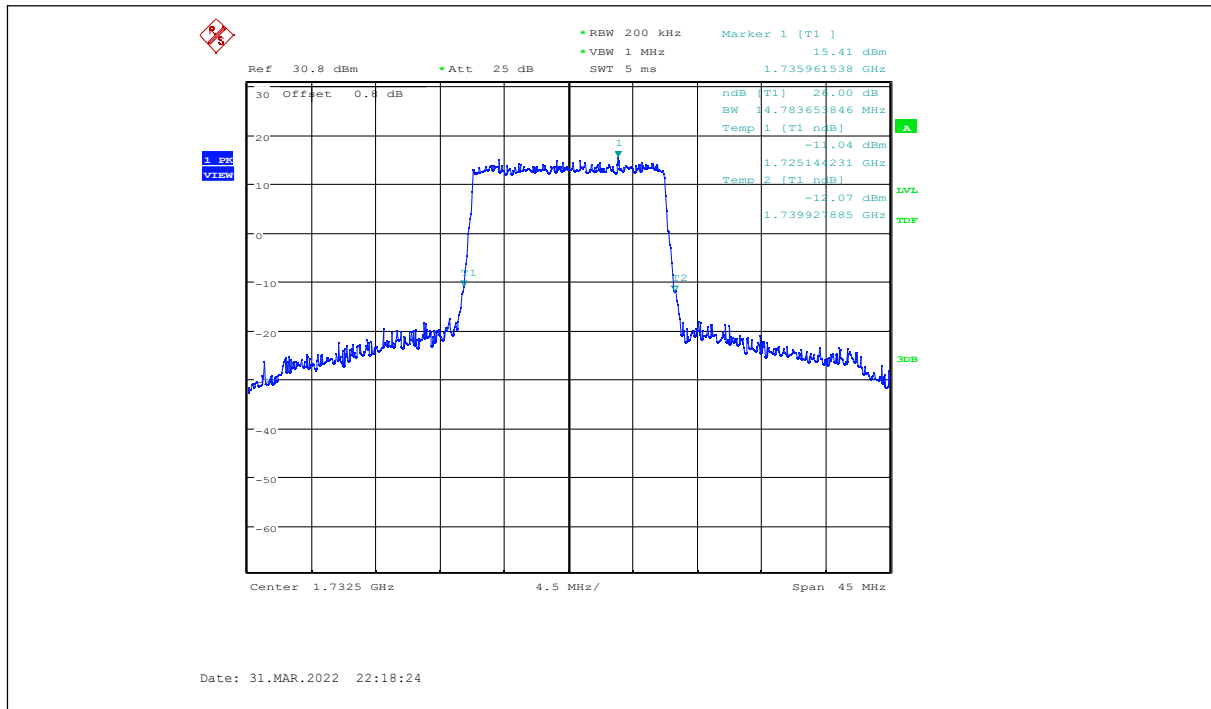
LTE band 4,15MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1732.5	14.856	14.784

LTE band 4 , 15MHz Bandwidth,QPSK (-26dBc BW)



LTE band 4 , 15MHz Bandwidth,16QAM (-26dBc BW)



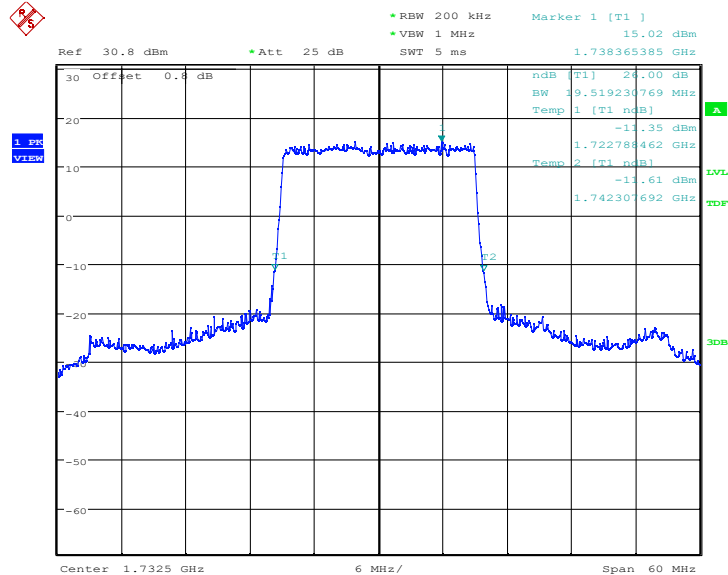
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LTE band 4,20MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1732.5	19.519	19.423

LTE band 4 , 20MHz Bandwidth,QPSK (-26dBc BW)

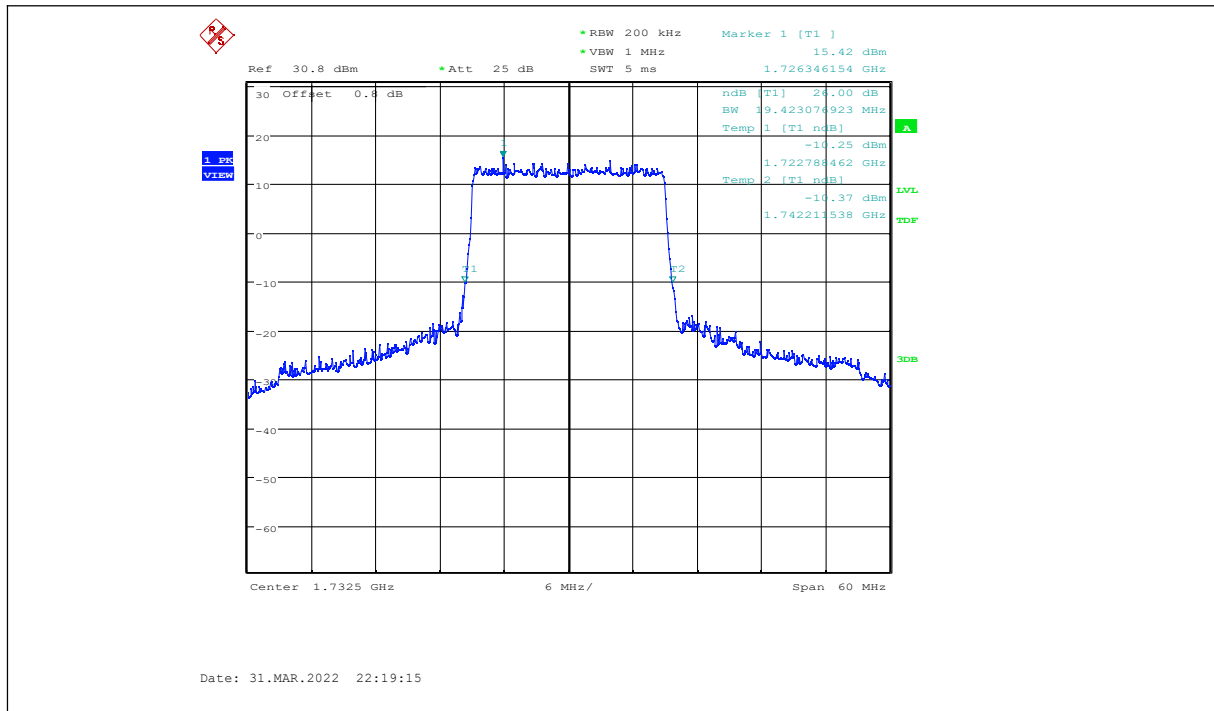


Date: 31.MAR.2022 22:18:51

LTE band 4 , 20MHz Bandwidth,16QAM (-26dBc BW)

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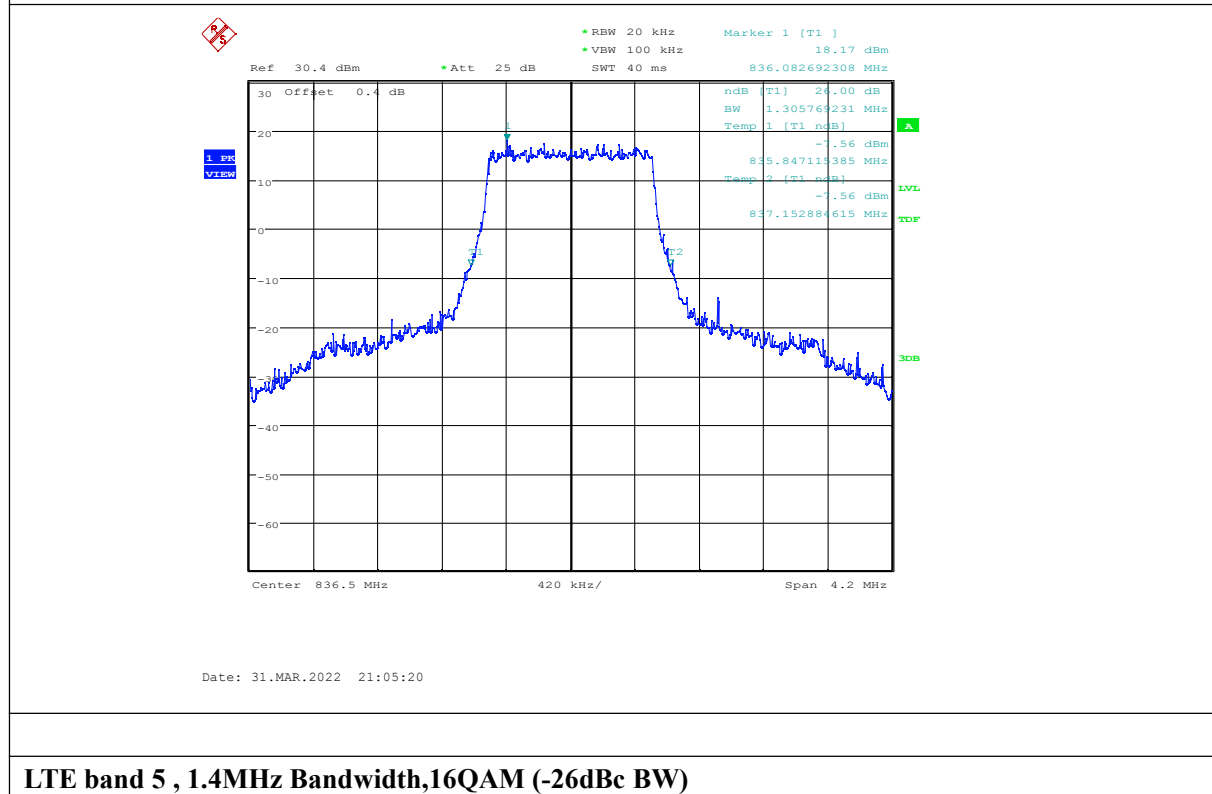
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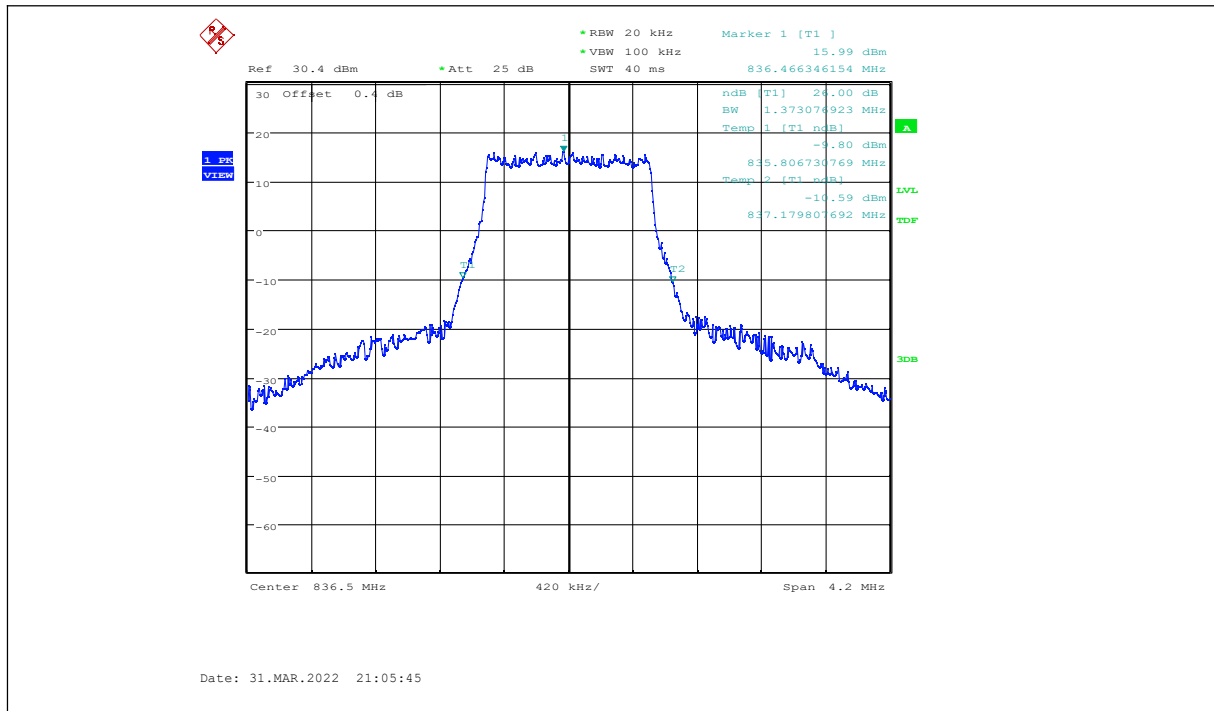
LTE band 5,1.4MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
836.5	1.306	1.373

LTE band 5 , 1.4MHz Bandwidth,QPSK (-26dBc BW)



LTE band 5 , 1.4MHz Bandwidth,16QAM (-26dBc BW)



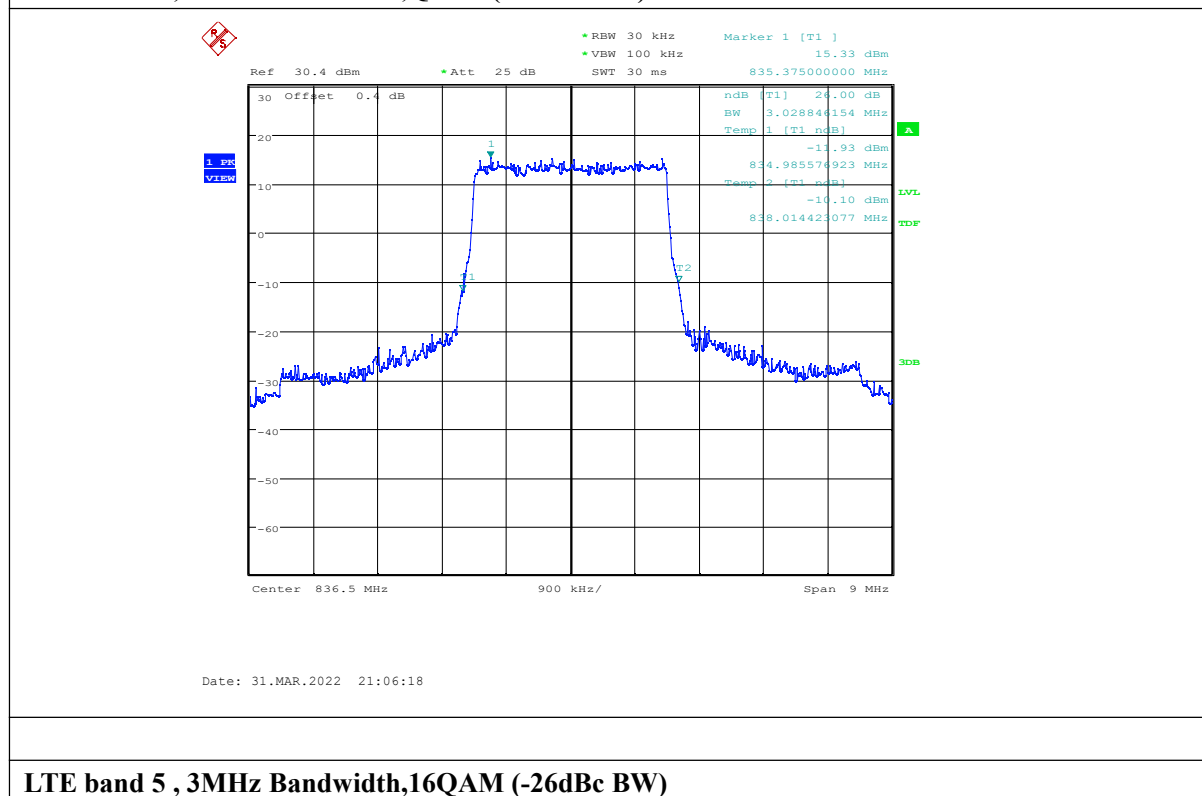
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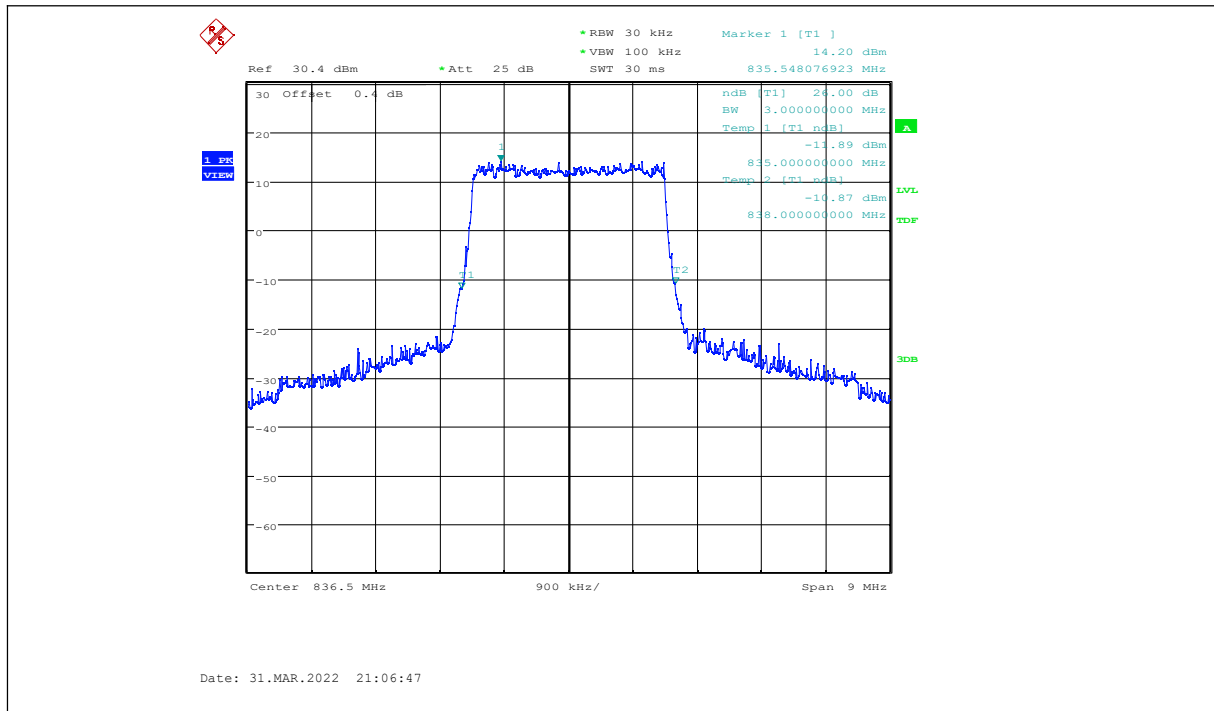
LTE band 5,3MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
836.5	3.029	3.000

LTE band 5 , 3MHz Bandwidth,QPSK (-26dBc BW)



LTE band 5 , 3MHz Bandwidth,16QAM (-26dBc BW)



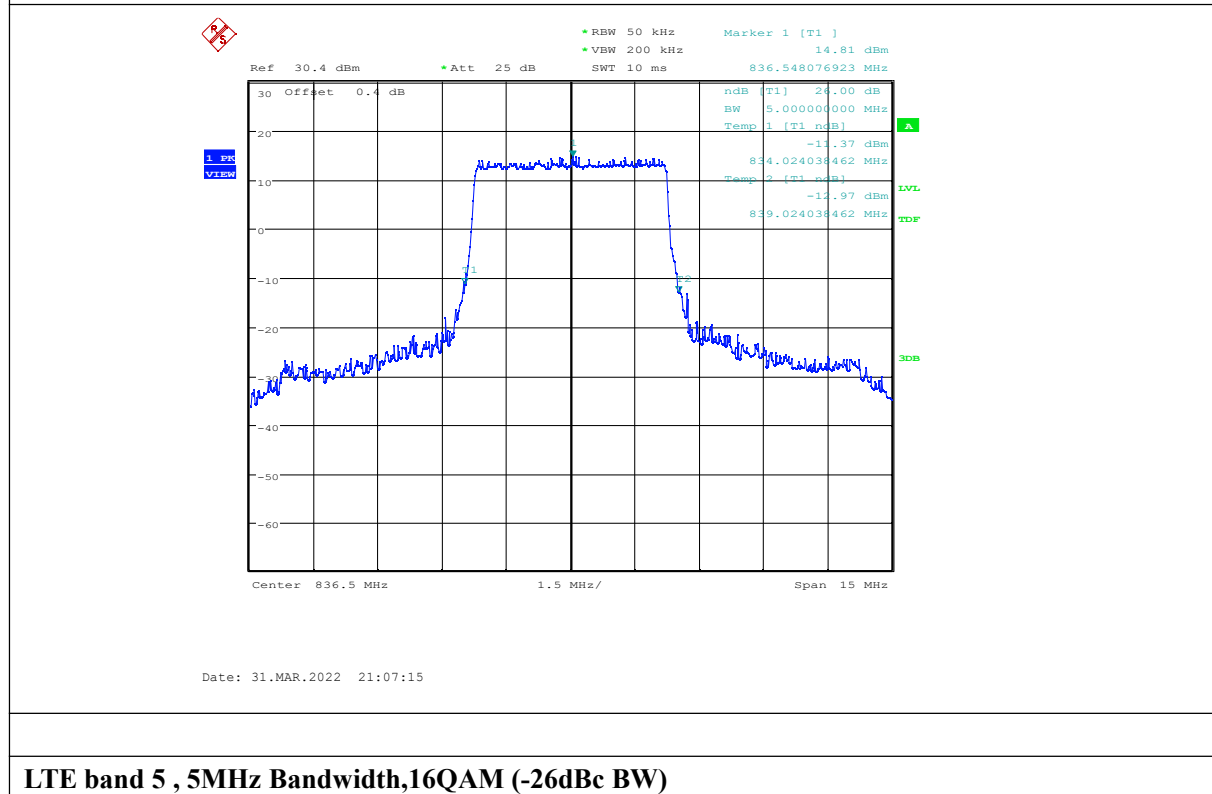
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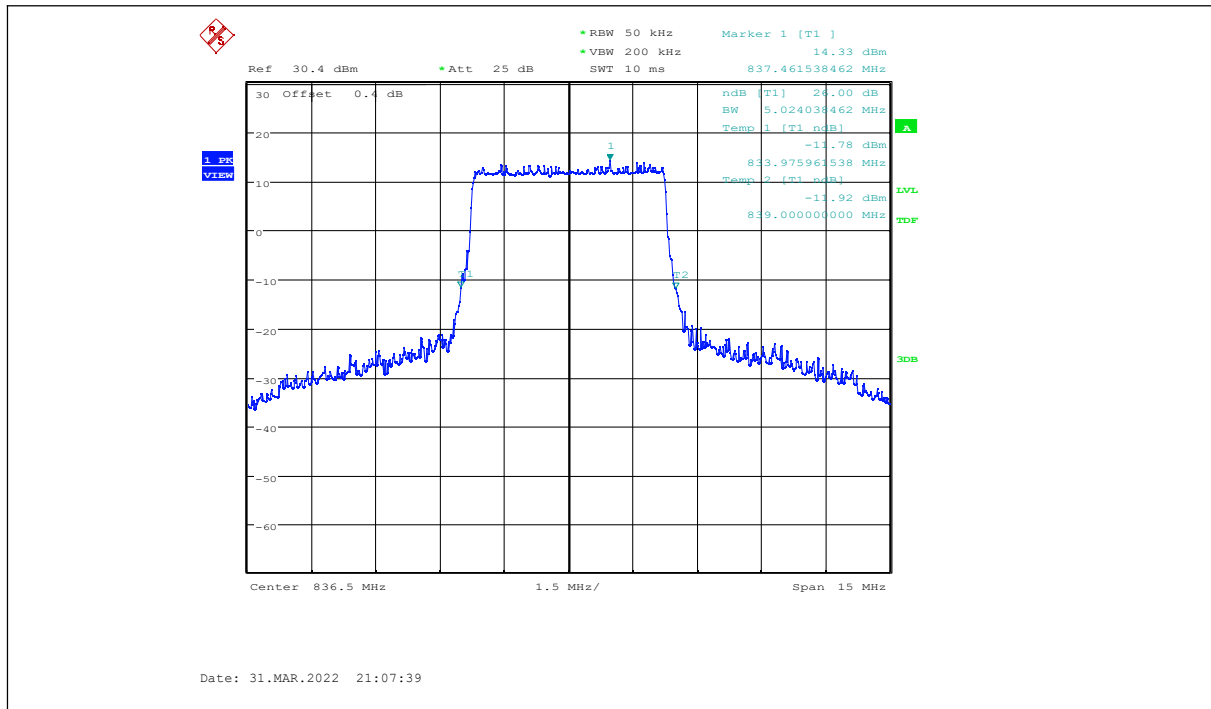
LTE band 5,5MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
836.5	5.000	5.024

LTE band 5 , 5MHz Bandwidth,QPSK (-26dB BW)



LTE band 5 , 5MHz Bandwidth,16QAM (-26dB BW)



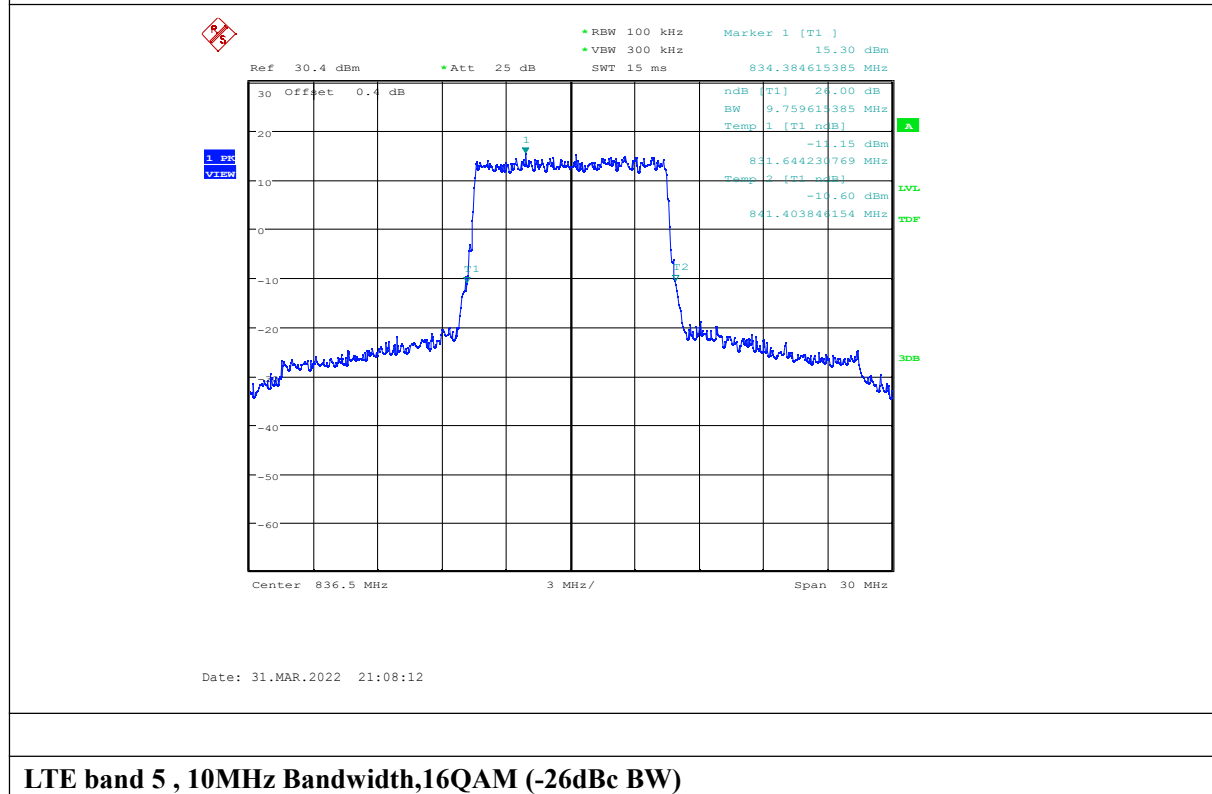
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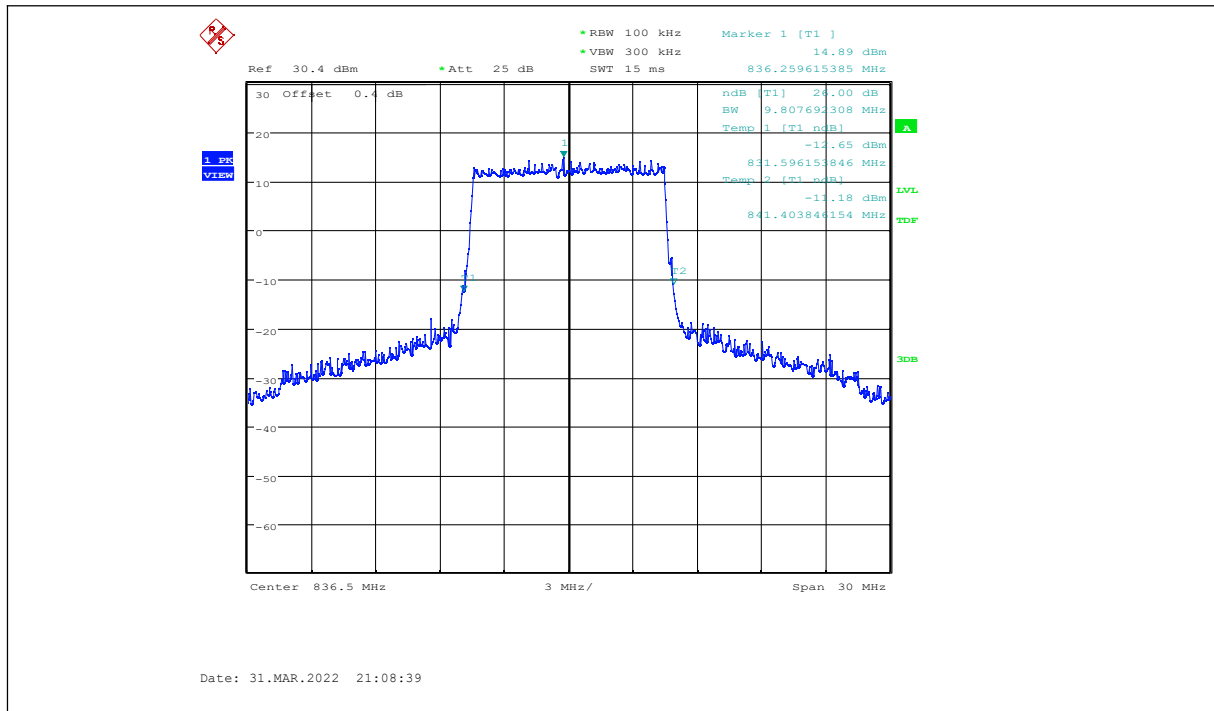
LTE band 5,10MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
836.5	9.760	9.808

LTE band 5 , 10MHz Bandwidth,QPSK (-26dBc BW)



LTE band 5 , 10MHz Bandwidth,16QAM (-26dBc BW)



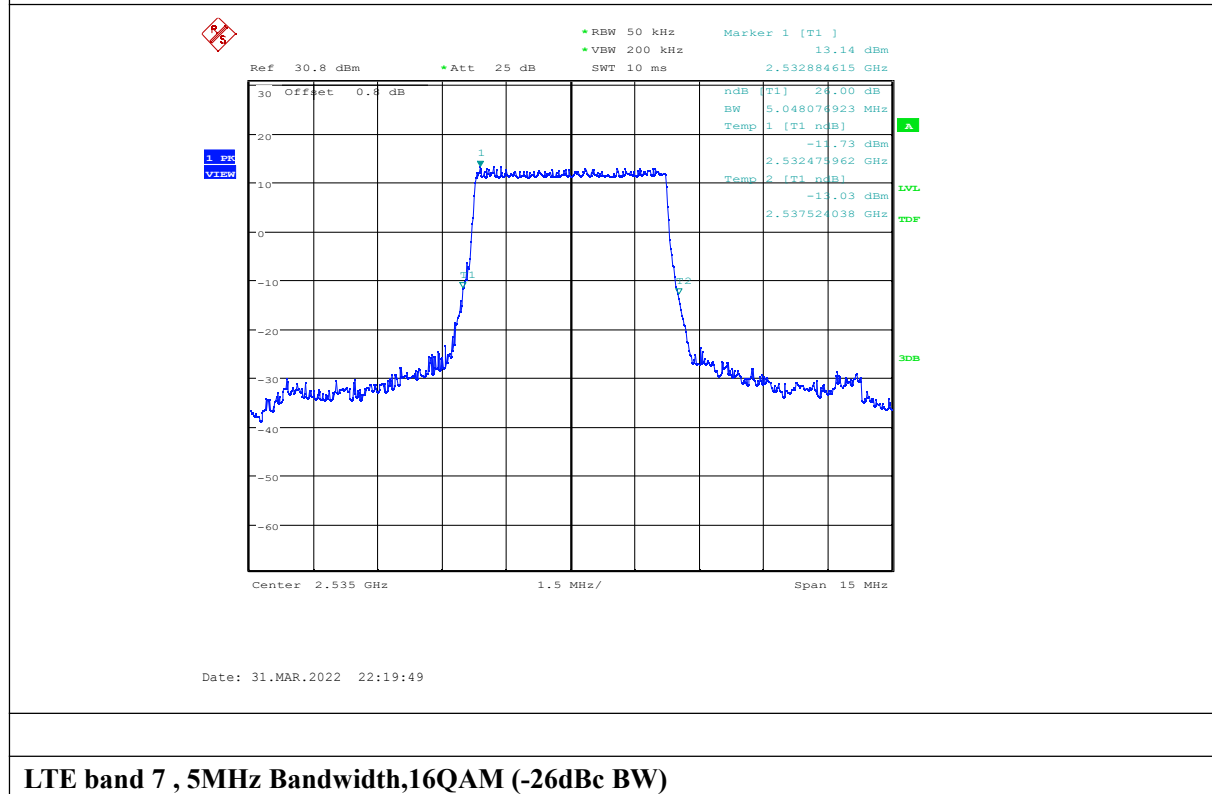
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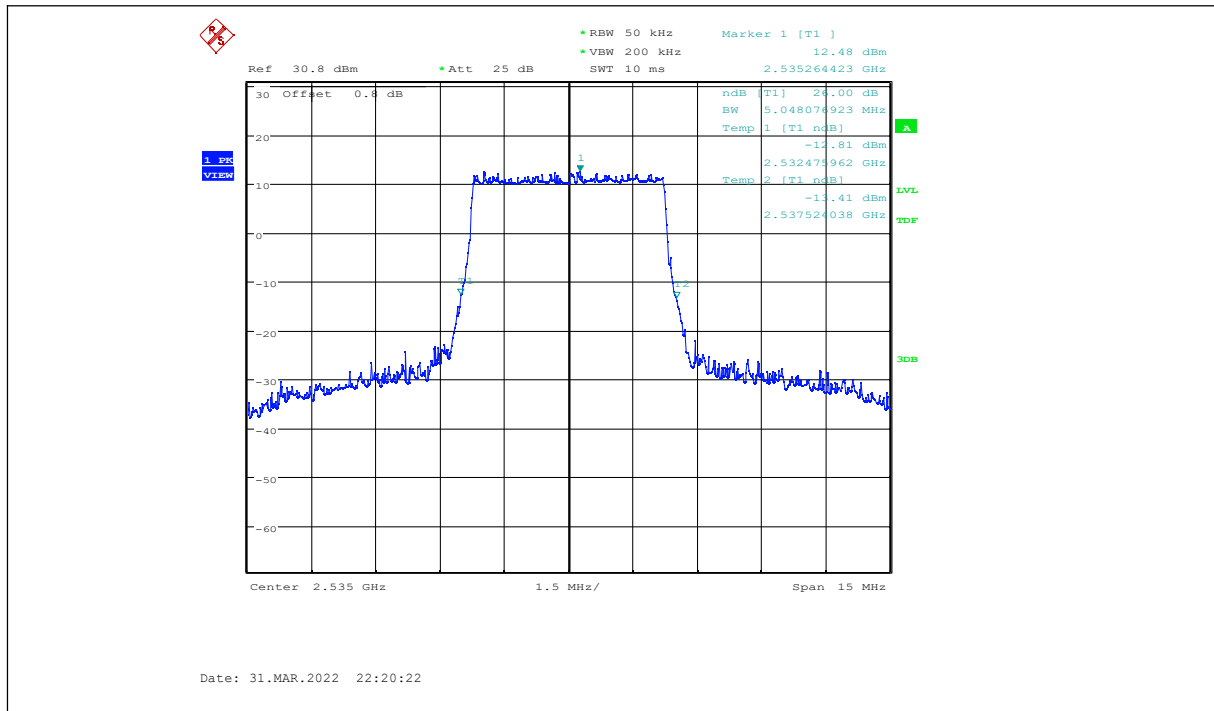
LTE band 7,5MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
2535	5.048	5.048

LTE band 7 , 5MHz Bandwidth,QPSK (-26dBc BW)



LTE band 7 , 5MHz Bandwidth,16QAM (-26dBc BW)



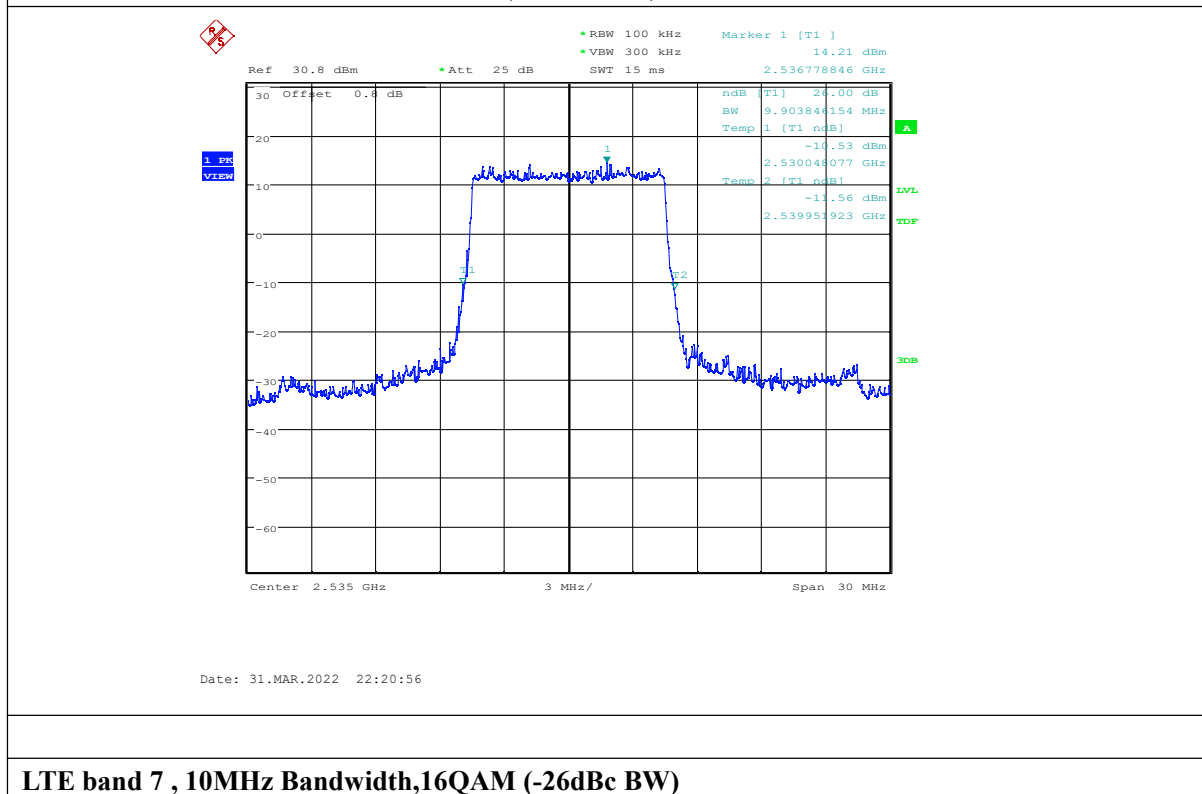
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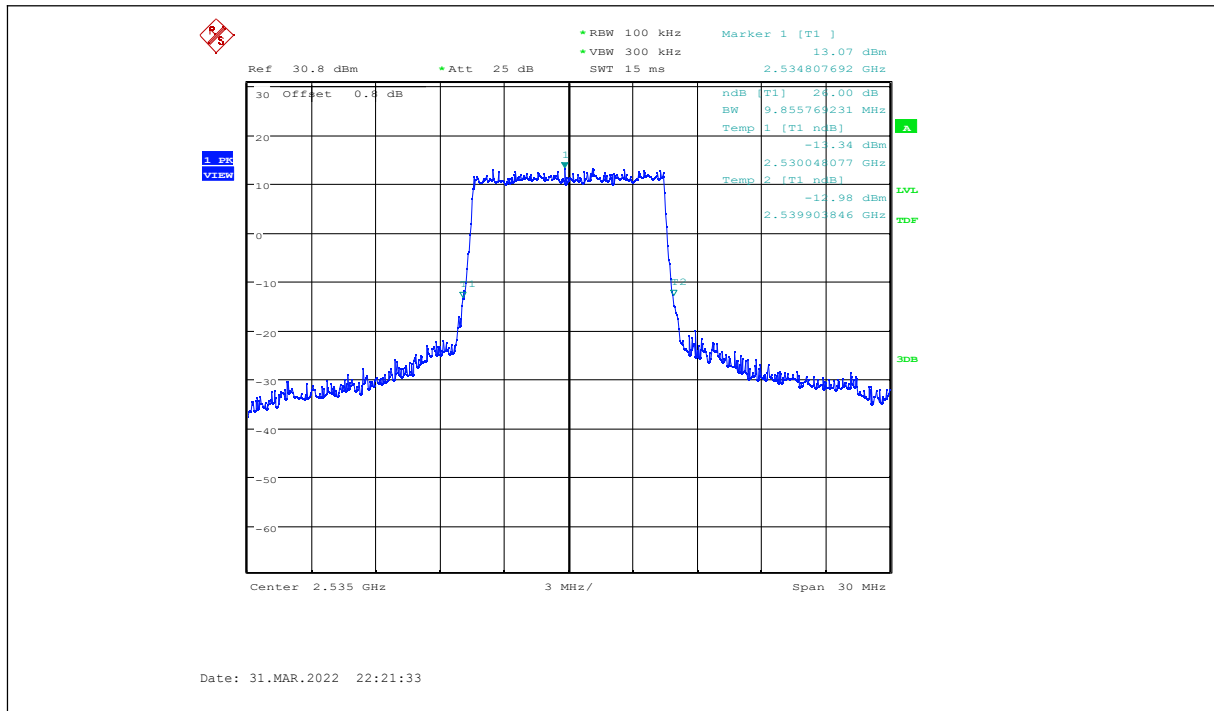
LTE band 7,10MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
2535	9.904	9.856

LTE band 7 , 10MHz Bandwidth,QPSK (-26dBc BW)



LTE band 7 , 10MHz Bandwidth,16QAM (-26dBc BW)



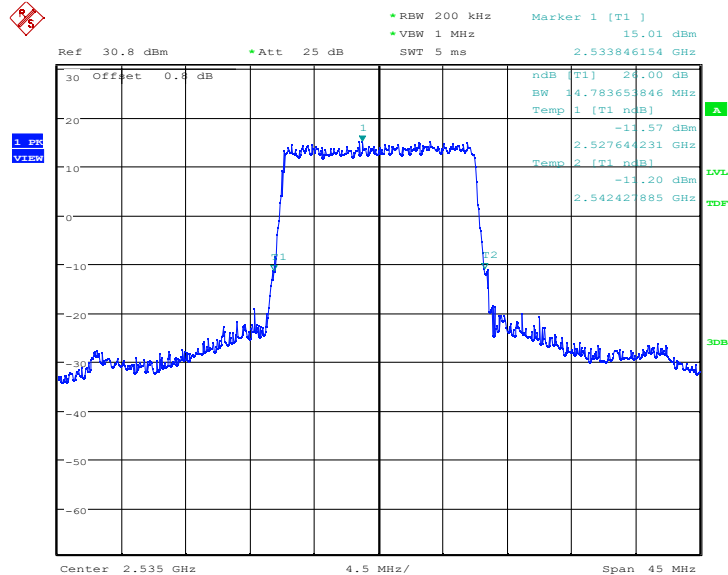
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LTE band 7,15MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
2535	14.784	14.784

LTE band 7 , 15MHz Bandwidth,QPSK (-26dBc BW)

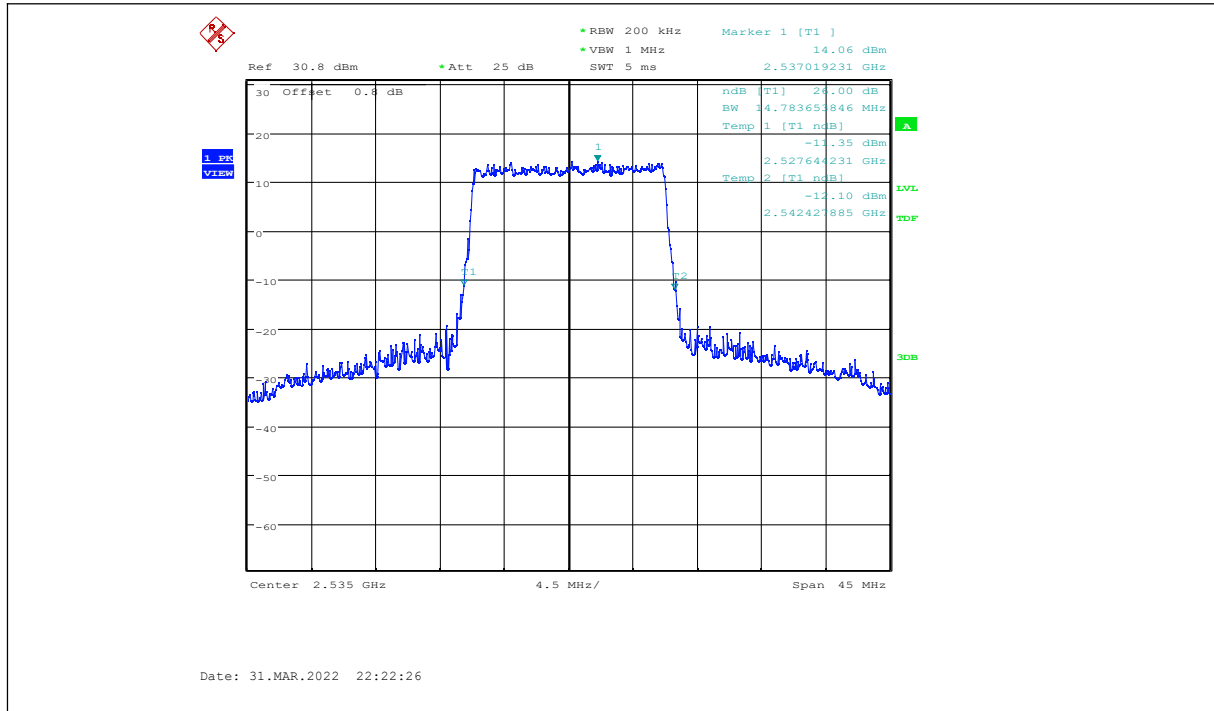


Date: 31.MAR.2022 22:22:03

LTE band 7 , 15MHz Bandwidth,16QAM (-26dBc BW)

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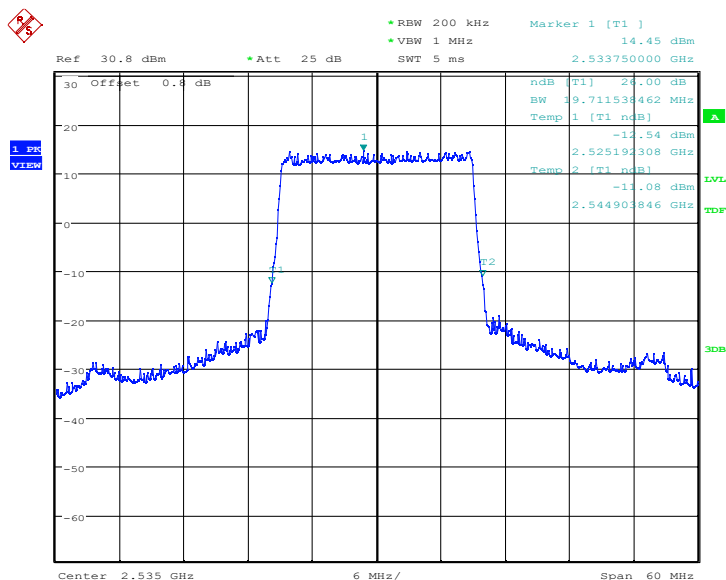
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LTE band 7,20MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
2535	19.712	19.615

LTE band 7 , 20MHz Bandwidth,QPSK (-26dBc BW)

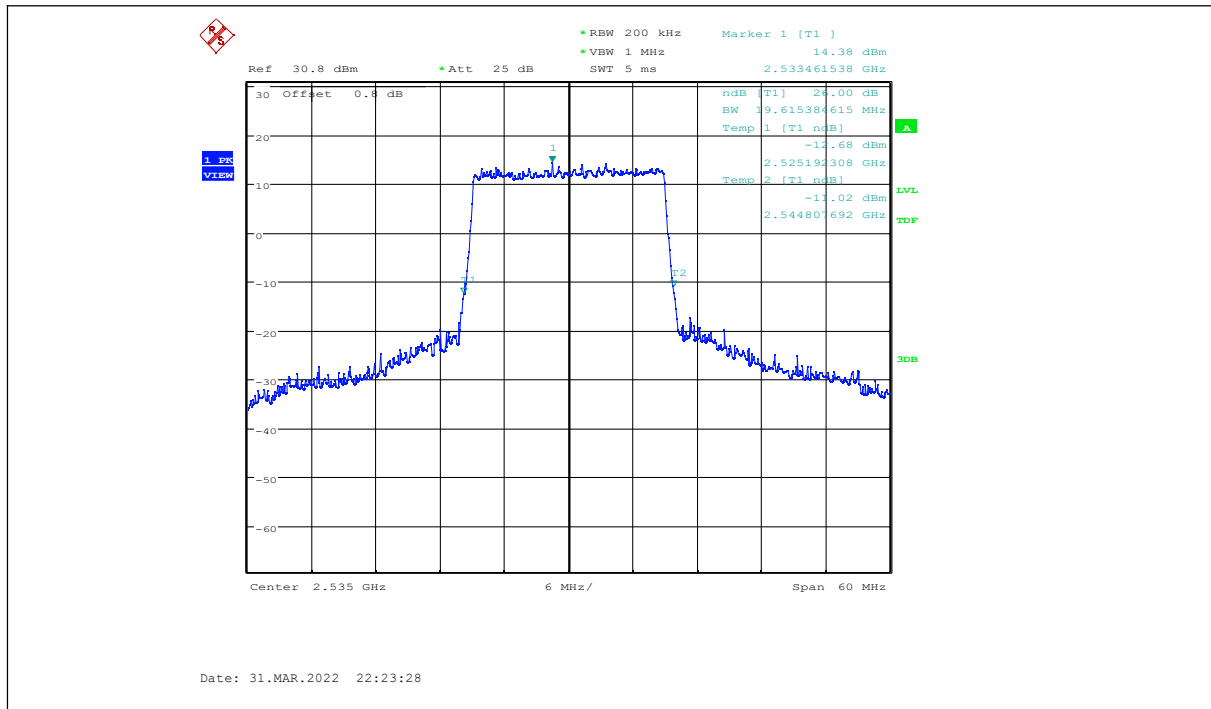


Date: 31.MAR.2022 22:23:00

LTE band 7 , 20MHz Bandwidth,16QAM (-26dBc BW)

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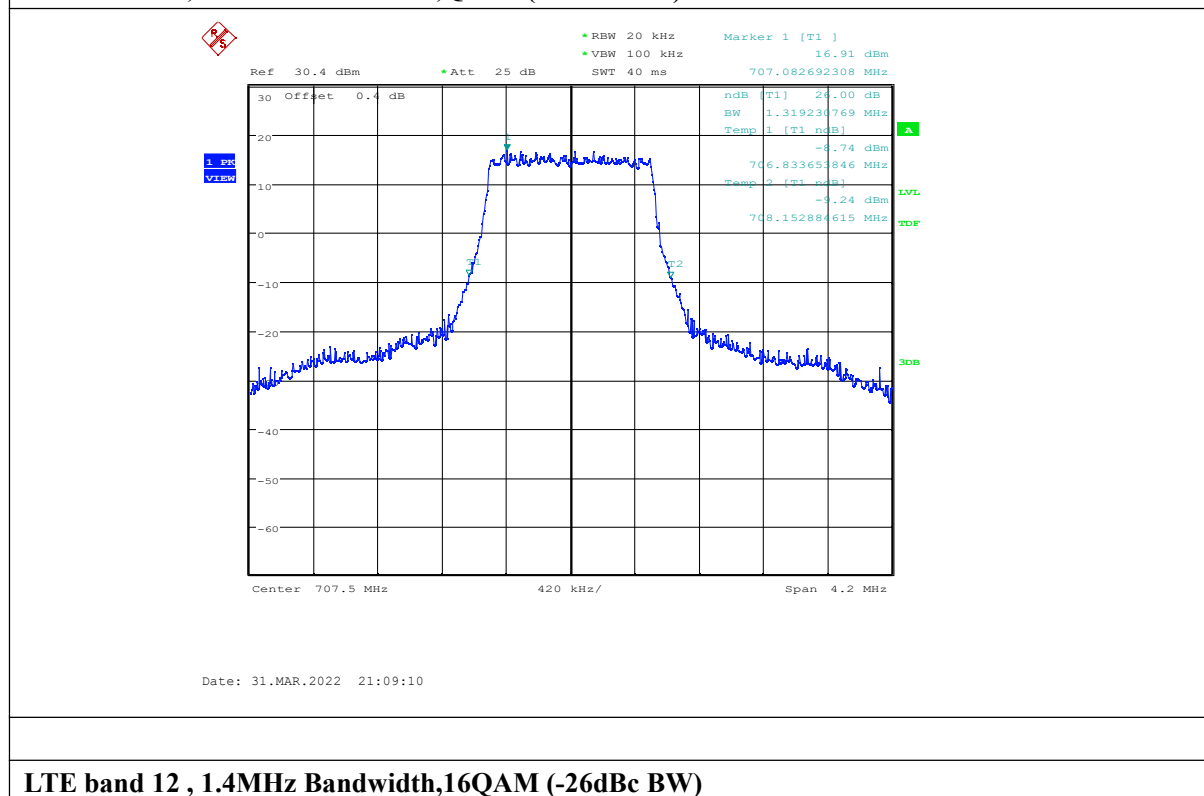
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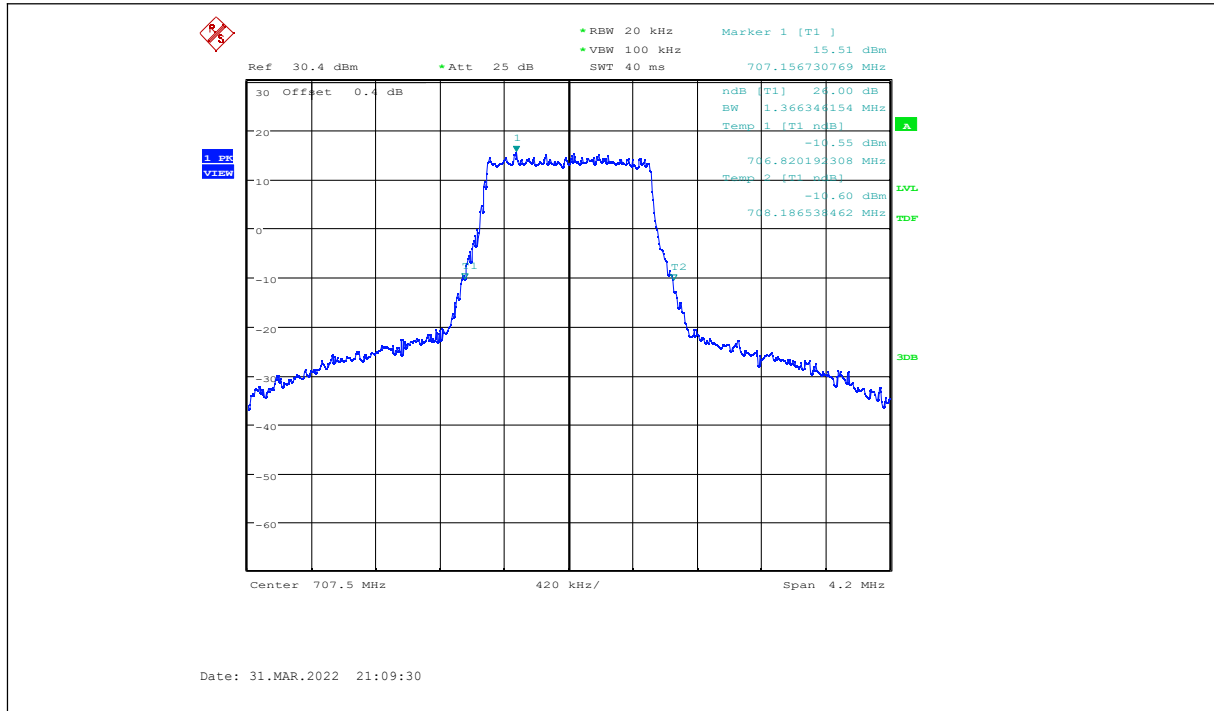
LTE band 12,1.4MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
707.5	1.319	1.366

LTE band 12 , 1.4MHz Bandwidth,QPSK (-26dBc BW)



LTE band 12 , 1.4MHz Bandwidth,16QAM (-26dBc BW)



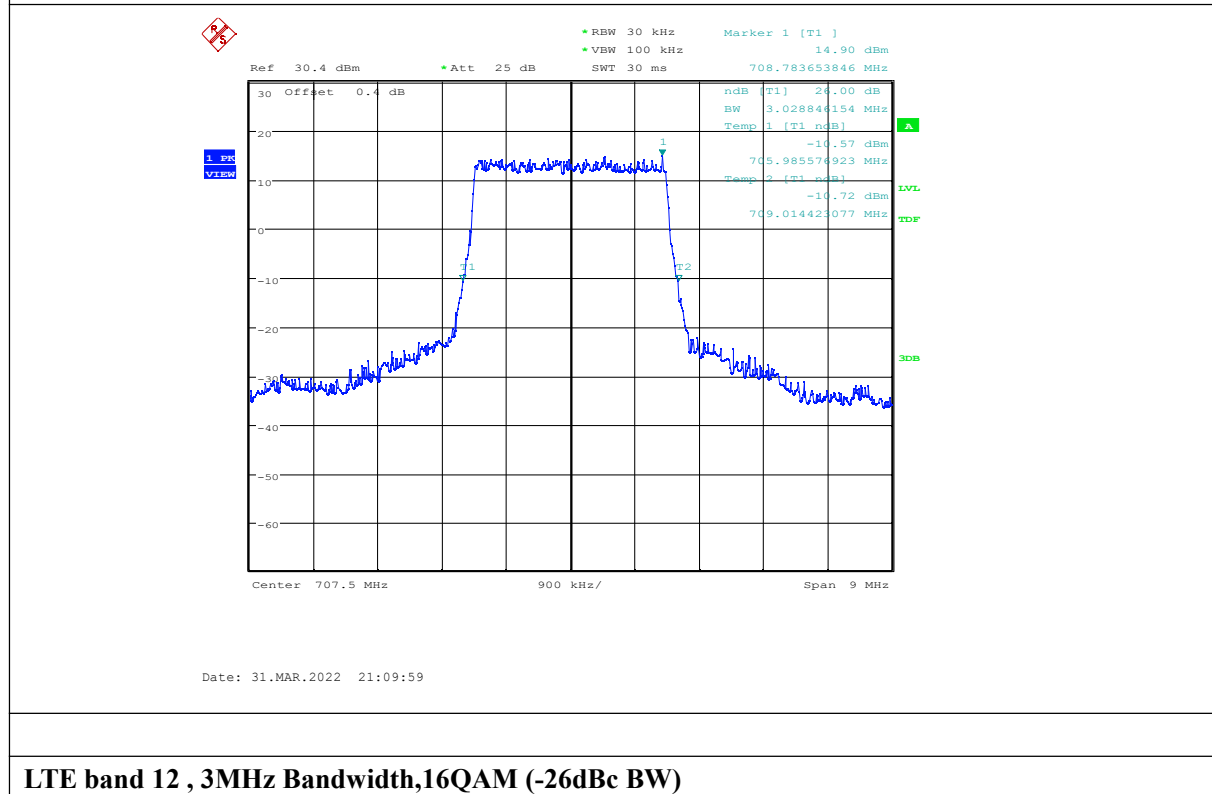
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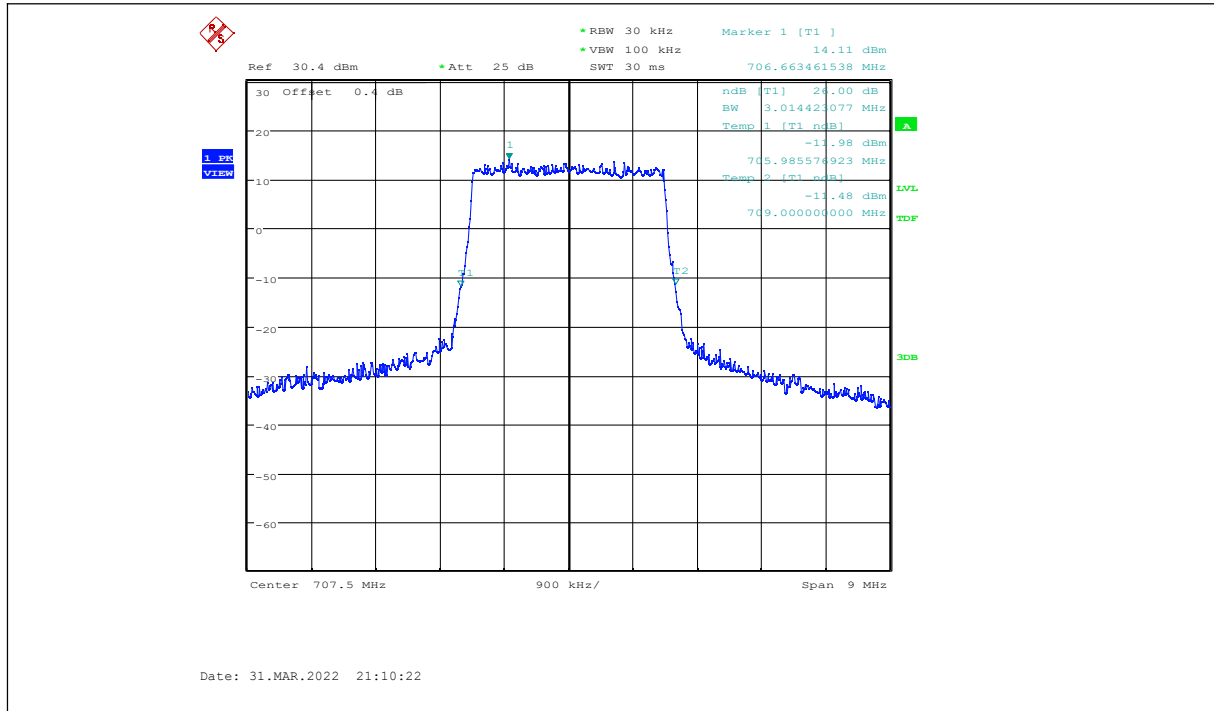
LTE band 12,3MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
707.5	3.029	3.014

LTE band 12 , 3MHz Bandwidth,QPSK (-26dB BW)



LTE band 12 , 3MHz Bandwidth,16QAM (-26dB BW)



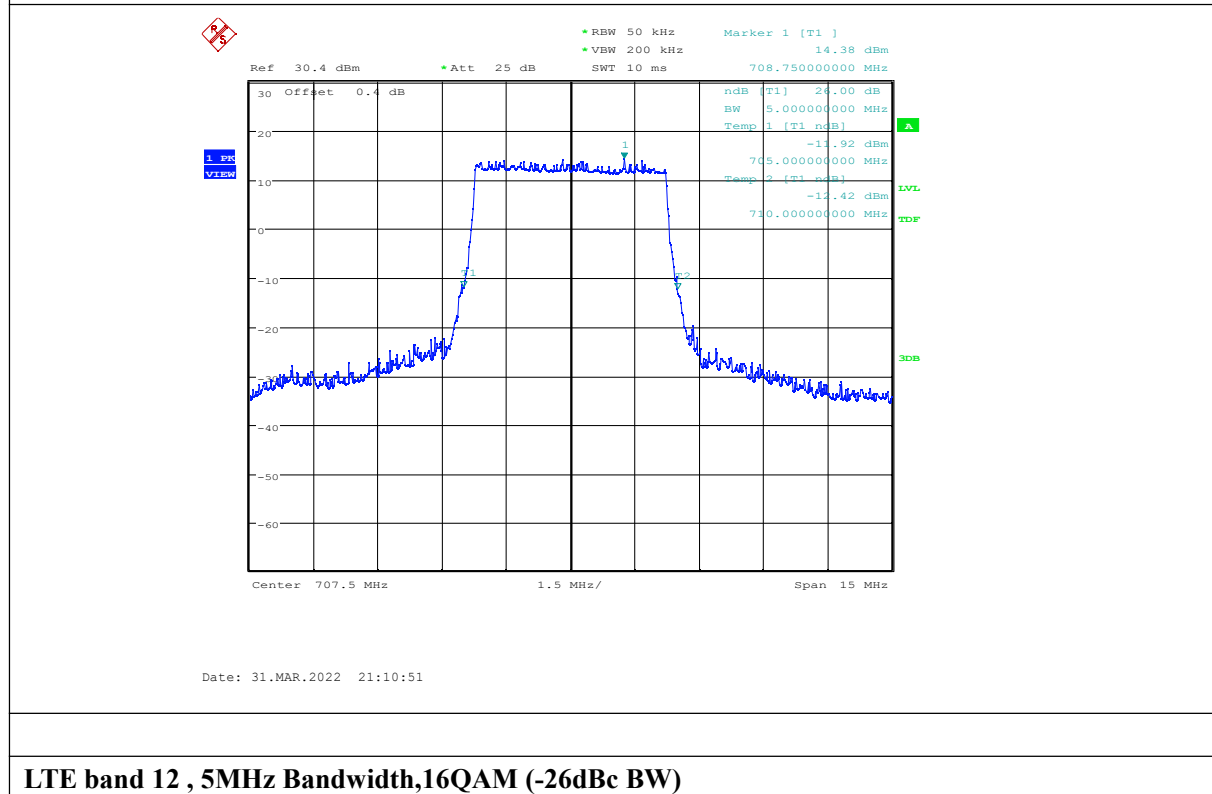
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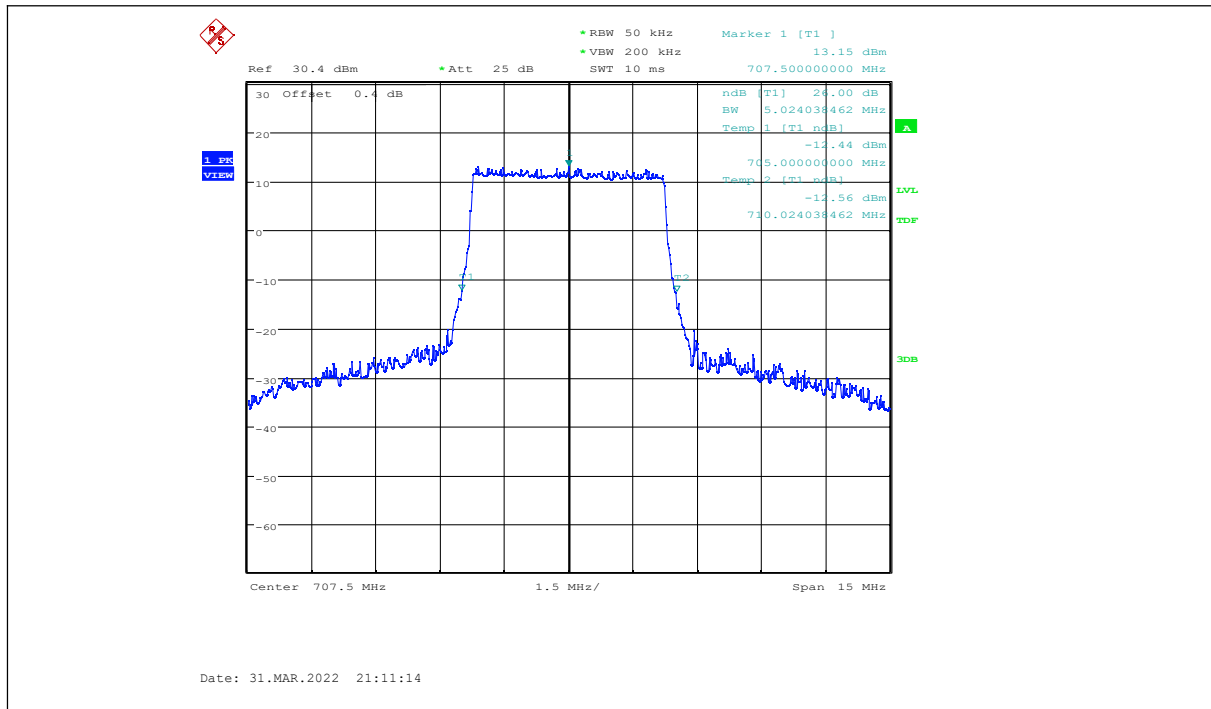
LTE band 12,5MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
707.5	5.000	5.024

LTE band 12 , 5MHz Bandwidth,QPSK (-26dBc BW)



LTE band 12 , 5MHz Bandwidth,16QAM (-26dBc BW)



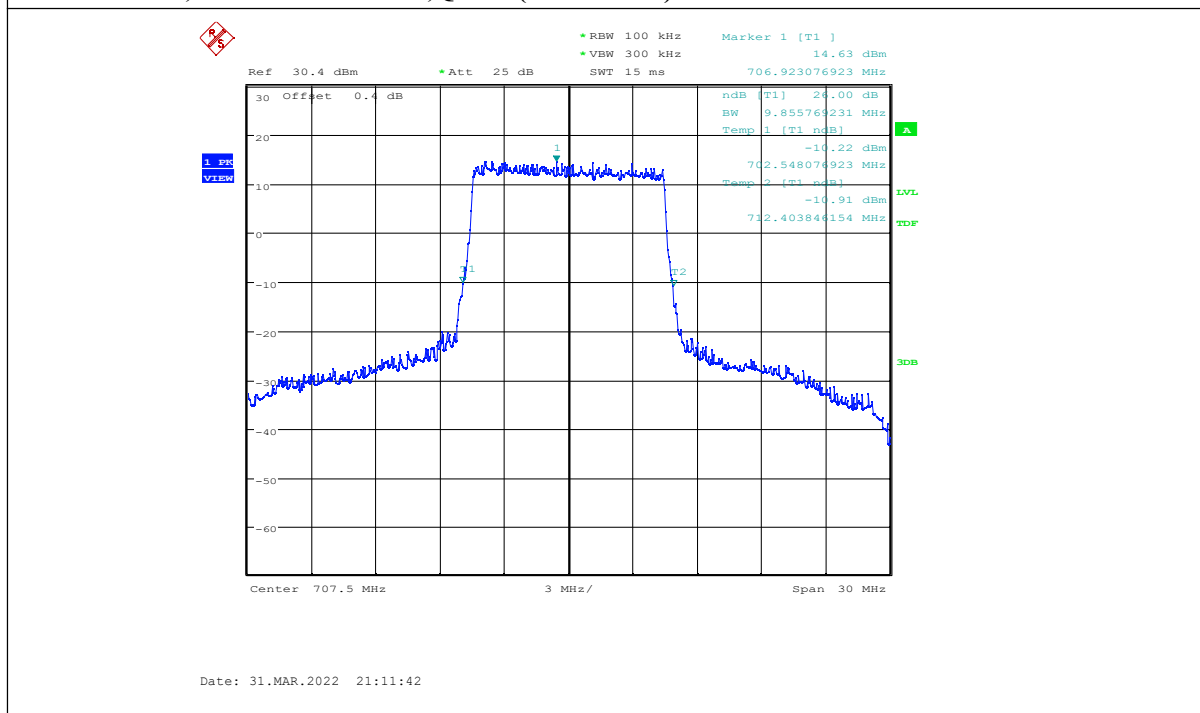
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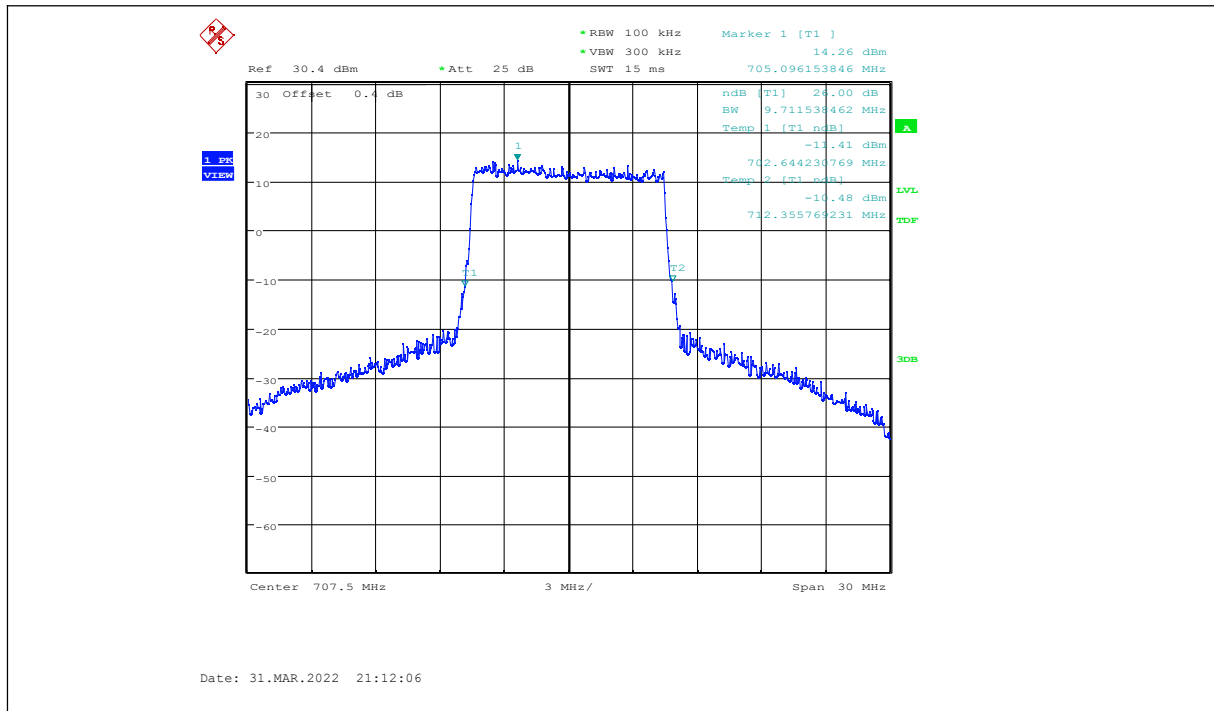
LTE band 12,10MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
707.5	9.856	9.712

LTE band 12 , 10MHz Bandwidth,QPSK (-26dBc BW)



LTE band 12 , 10MHz Bandwidth,16QAM (-26dBc BW)



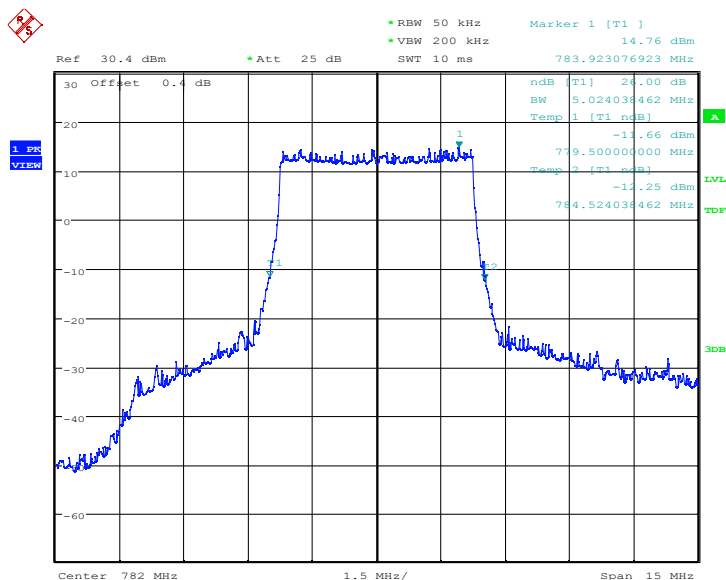
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LTE band 13,5MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
782	5.024	5.096

LTE band 13 , 5MHz Bandwidth,QPSK (-26dBc BW)

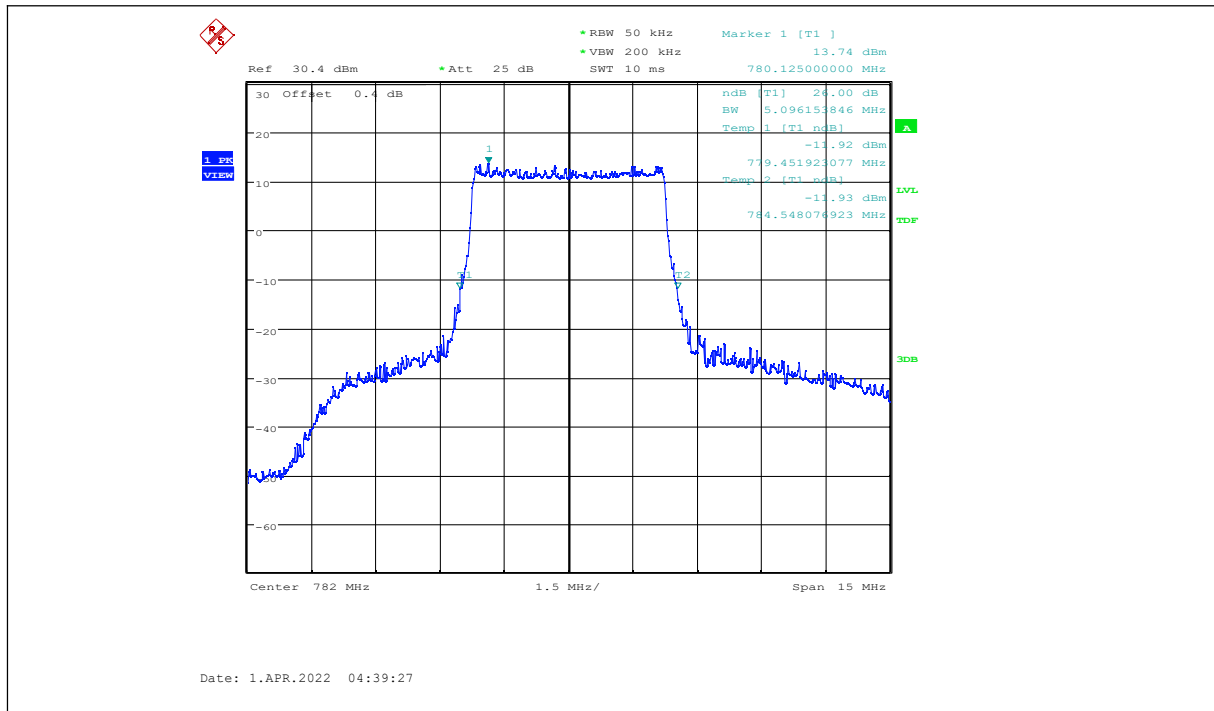


Date: 1.APR.2022 04:39:05

LTE band 13 , 5MHz Bandwidth,16QAM (-26dBc BW)

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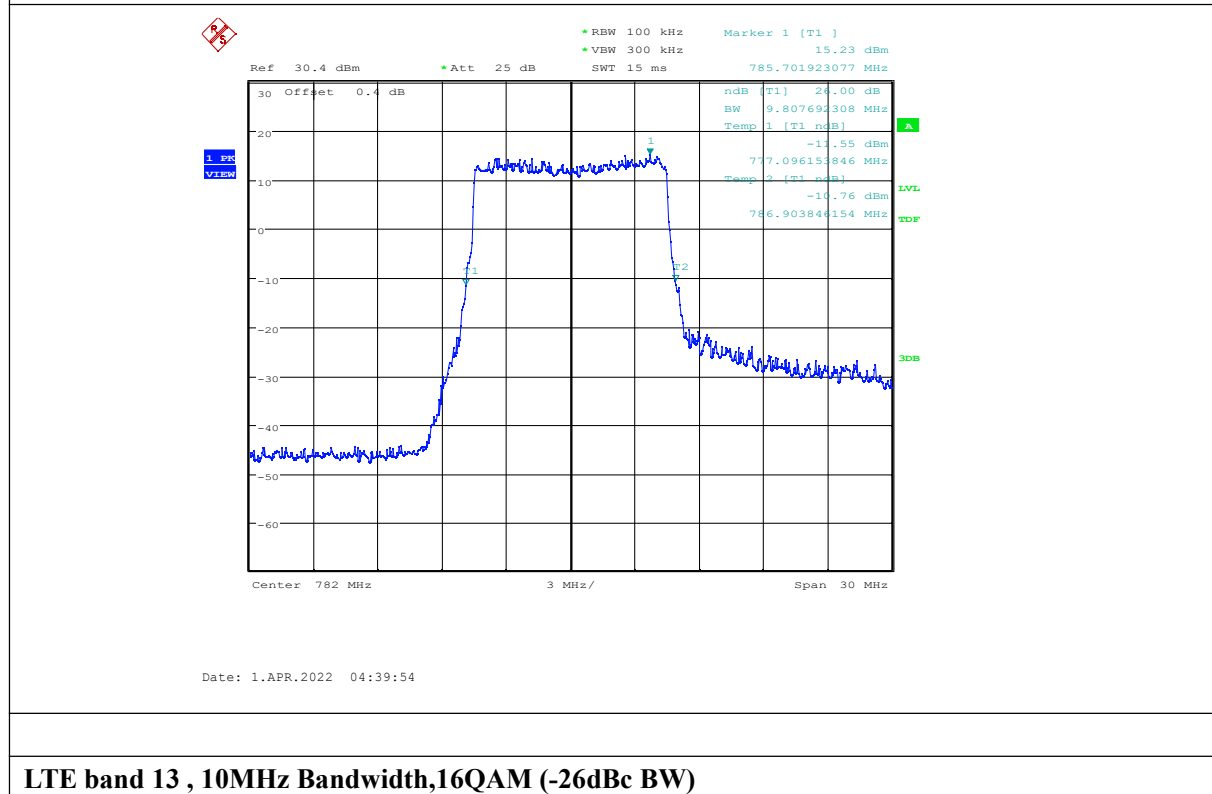
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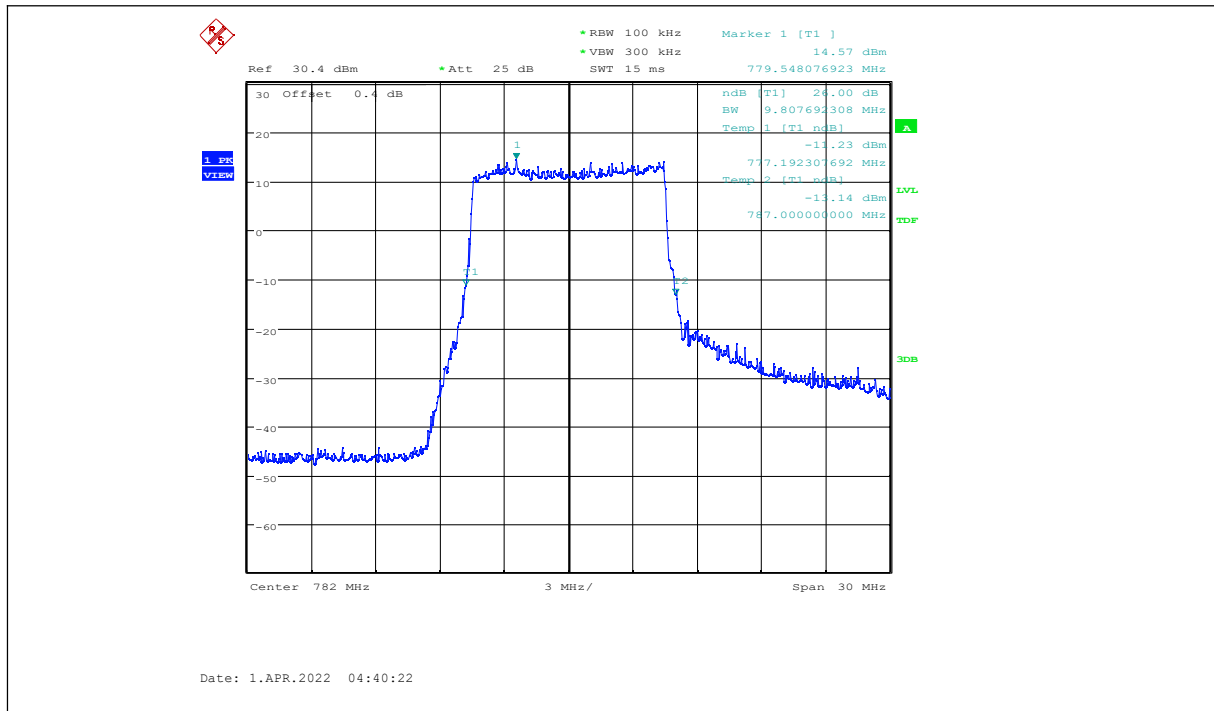
LTE band 13,10MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
782	9.808	9.808

LTE band 13 , 10MHz Bandwidth,QPSK (-26dBc BW)



LTE band 13 , 10MHz Bandwidth,16QAM (-26dBc BW)



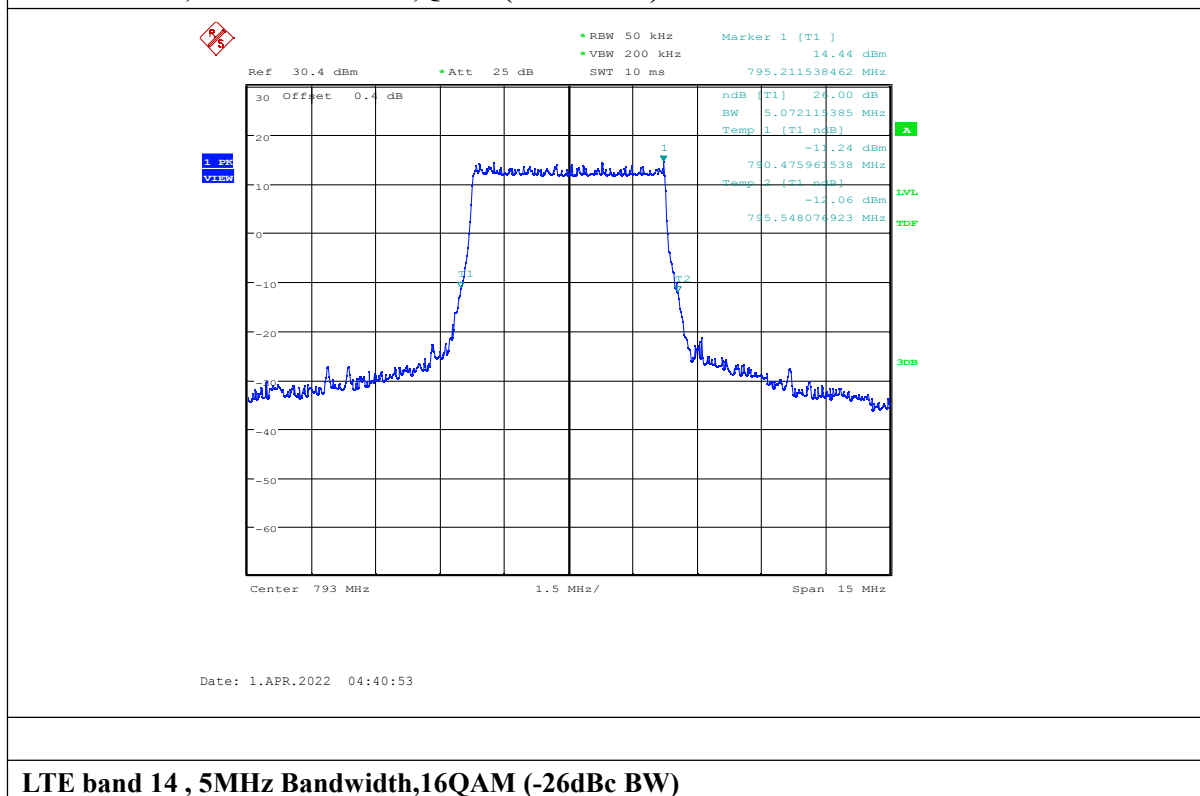
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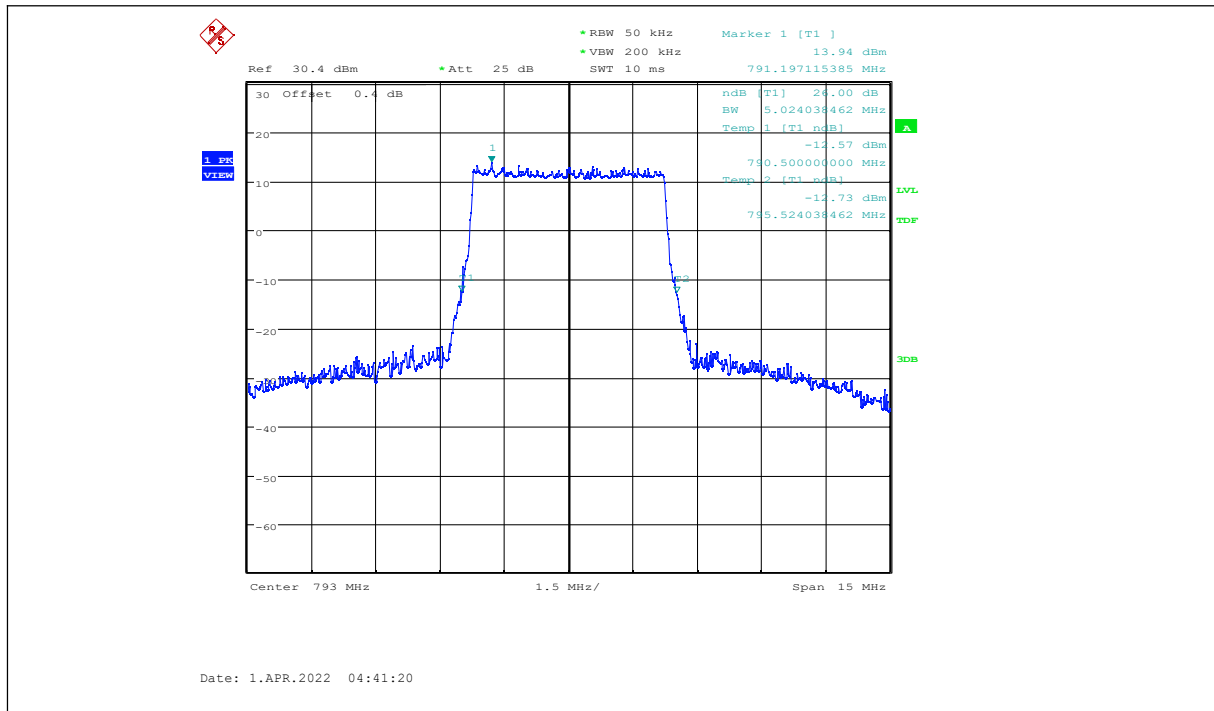
LTE band 14,5MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
793	5.072	5.024

LTE band 14 , 5MHz Bandwidth,QPSK (-26dB BW)



LTE band 14 , 5MHz Bandwidth,16QAM (-26dB BW)



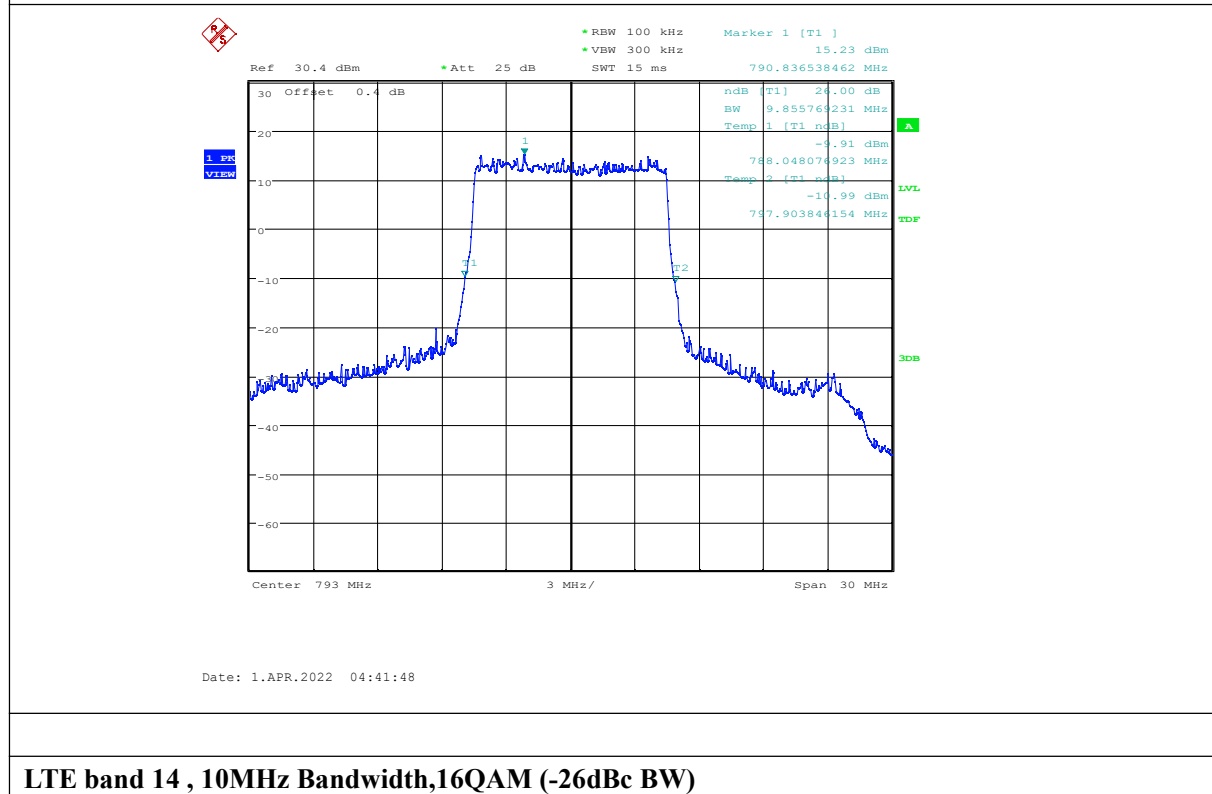
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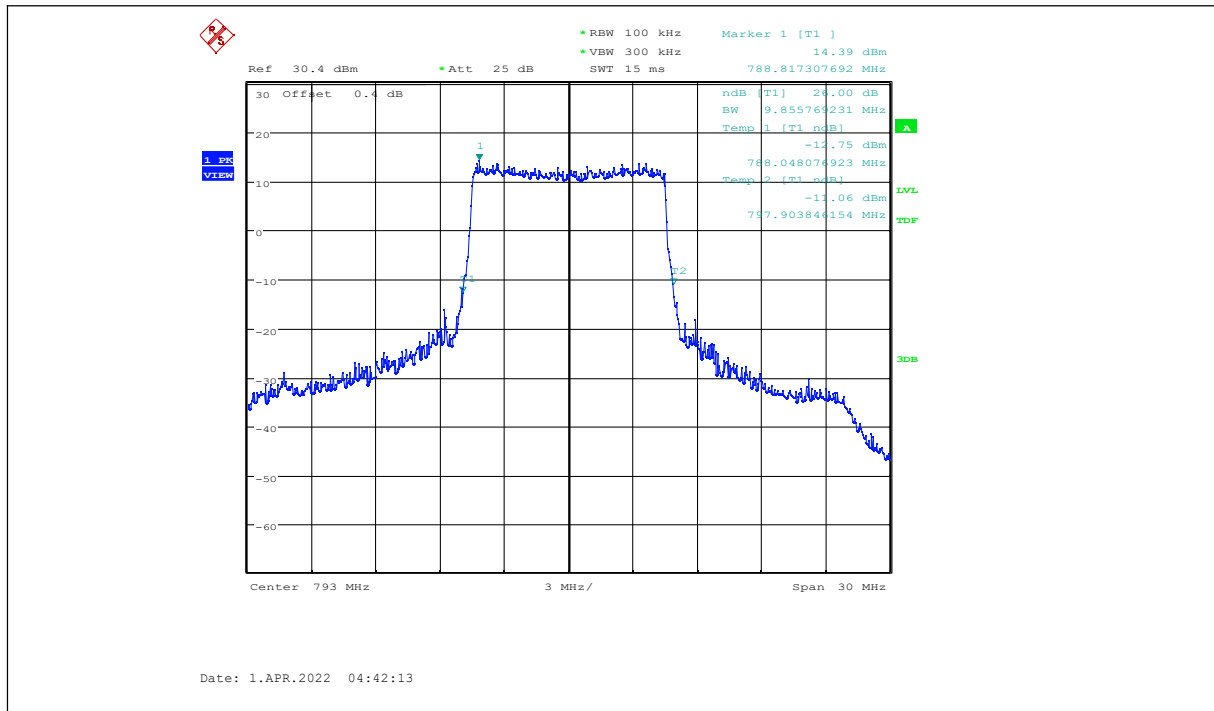
LTE band 14,10MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
793	9.856	9.856

LTE band 14 , 10MHz Bandwidth,QPSK (-26dBc BW)



LTE band 14 , 10MHz Bandwidth,16QAM (-26dBc BW)



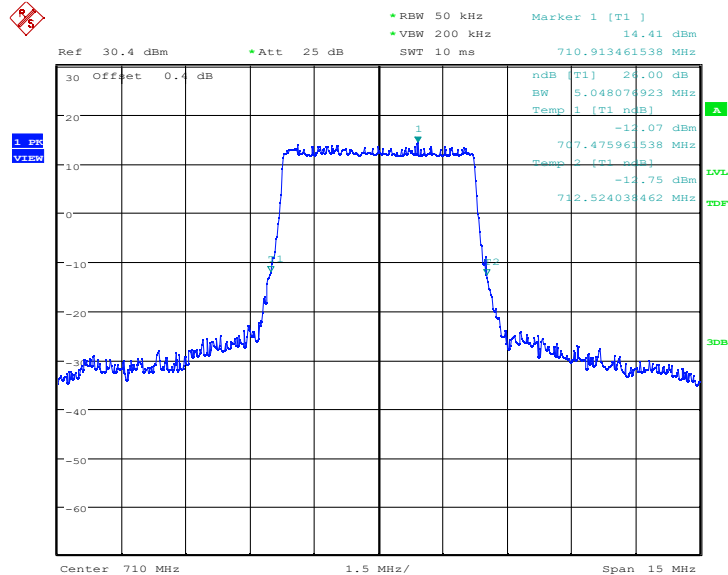
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LTE band 17,5MHz(-26dBc)

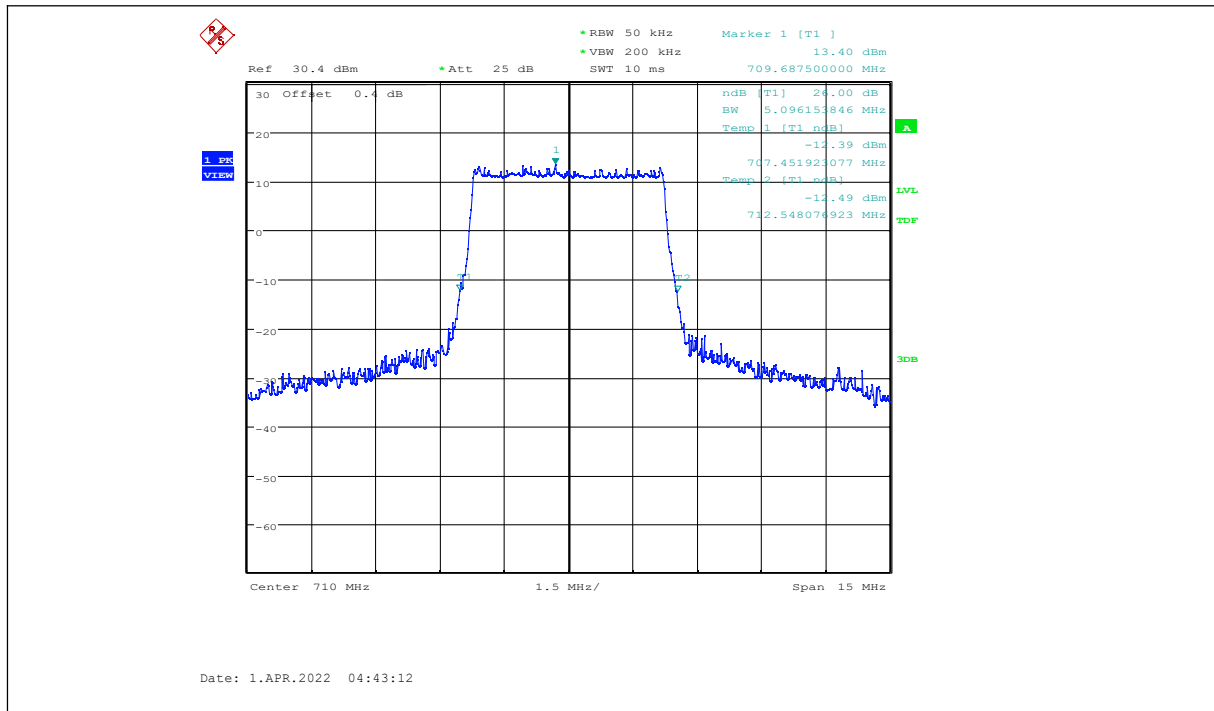
Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
710	5.048	5.096

LTE band 17 , 5MHz Bandwidth,QPSK (-26dBc BW)



Date: 1.APR.2022 04:42:49

LTE band 17 , 5MHz Bandwidth,16QAM (-26dBc BW)



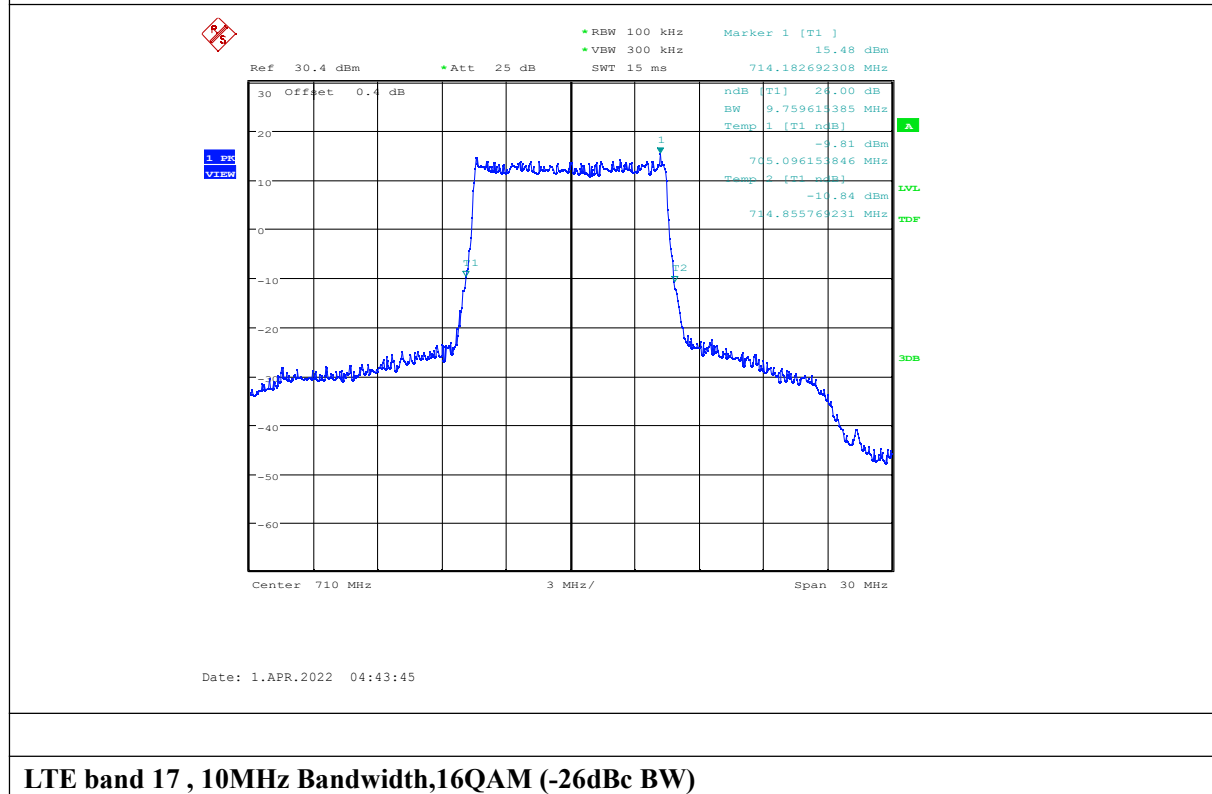
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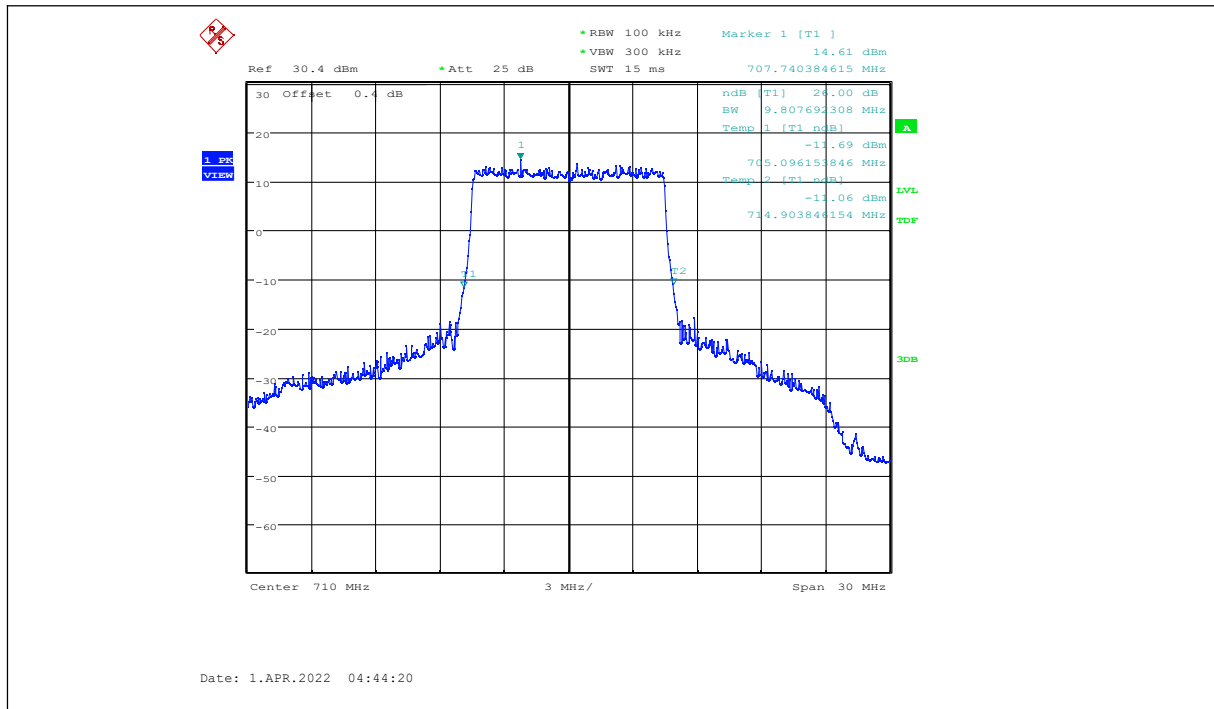
LTE band 17,10MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
710	9.760	9.808

LTE band 17 , 10MHz Bandwidth,QPSK (-26dB BW)



LTE band 17 , 10MHz Bandwidth,16QAM (-26dB BW)



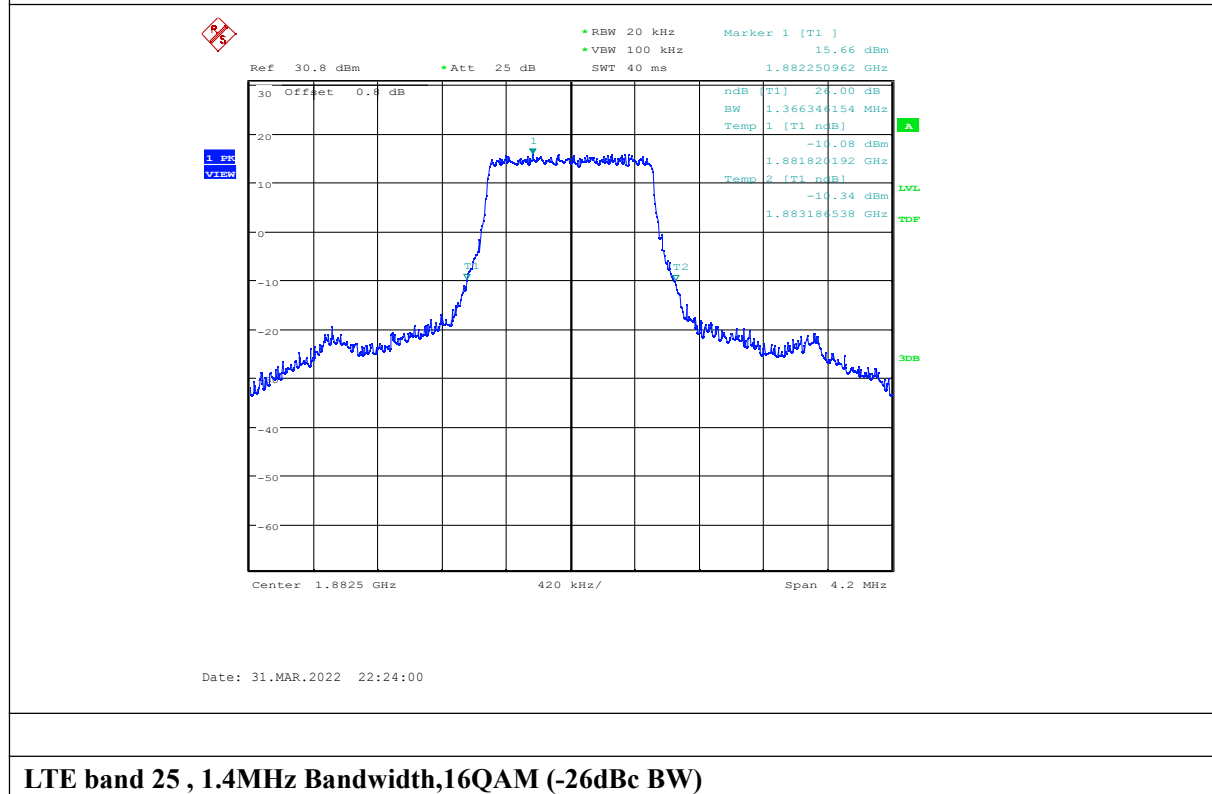
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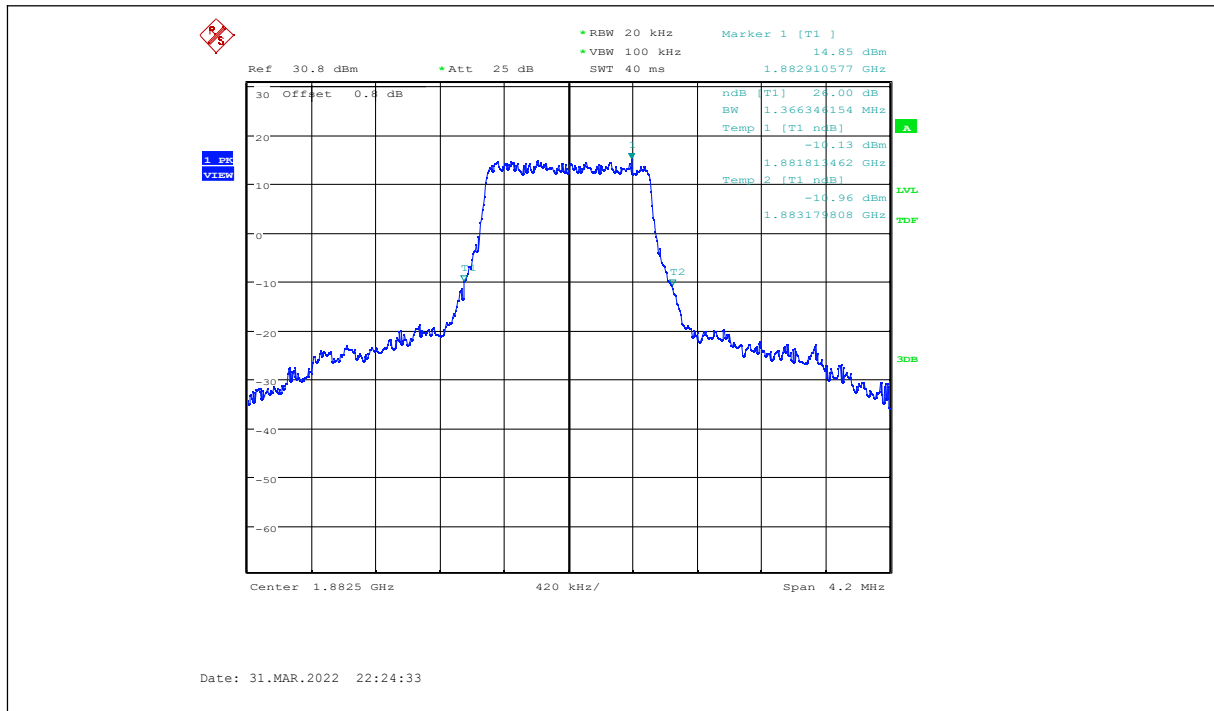
LTE band 25,1.4MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1882.5	1.366	1.366

LTE band 25 , 1.4MHz Bandwidth,QPSK (-26dBc BW)



LTE band 25 , 1.4MHz Bandwidth,16QAM (-26dBc BW)



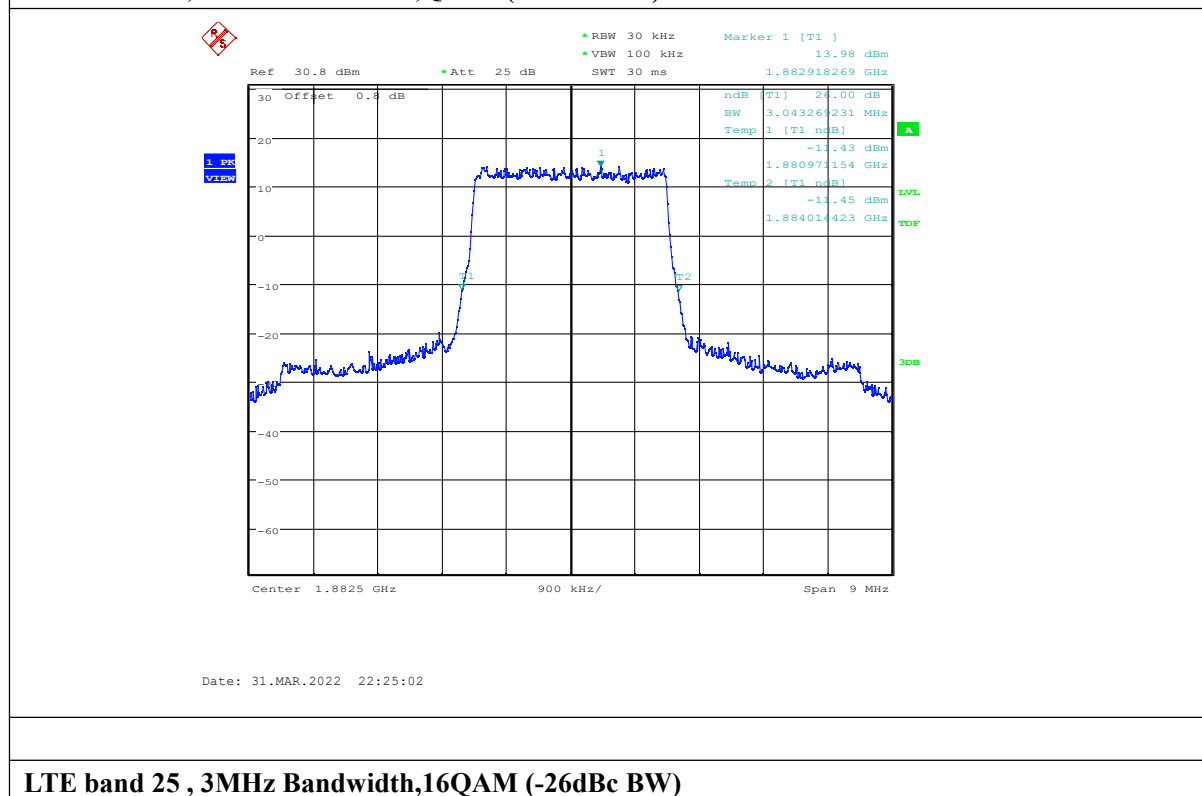
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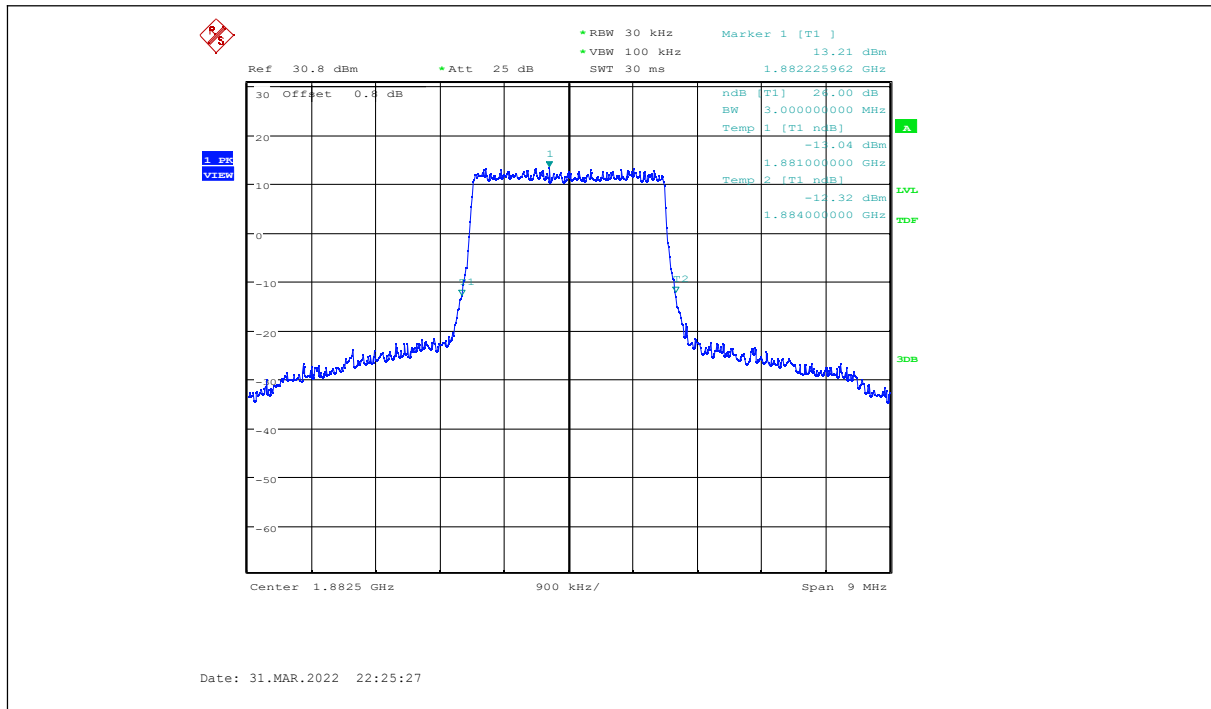
LTE band 25,3MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1882.5	3.043	3.000

LTE band 25 , 3MHz Bandwidth,QPSK (-26dBc BW)



LTE band 25 , 3MHz Bandwidth,16QAM (-26dBc BW)



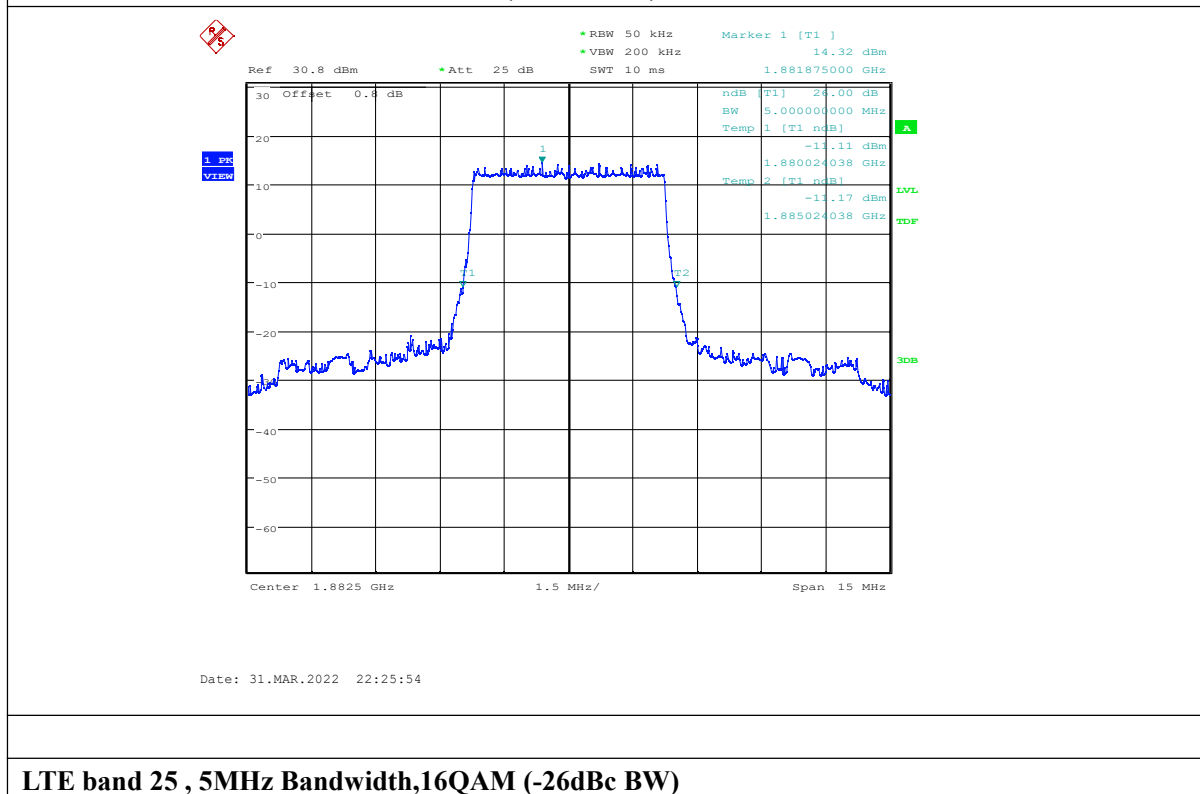
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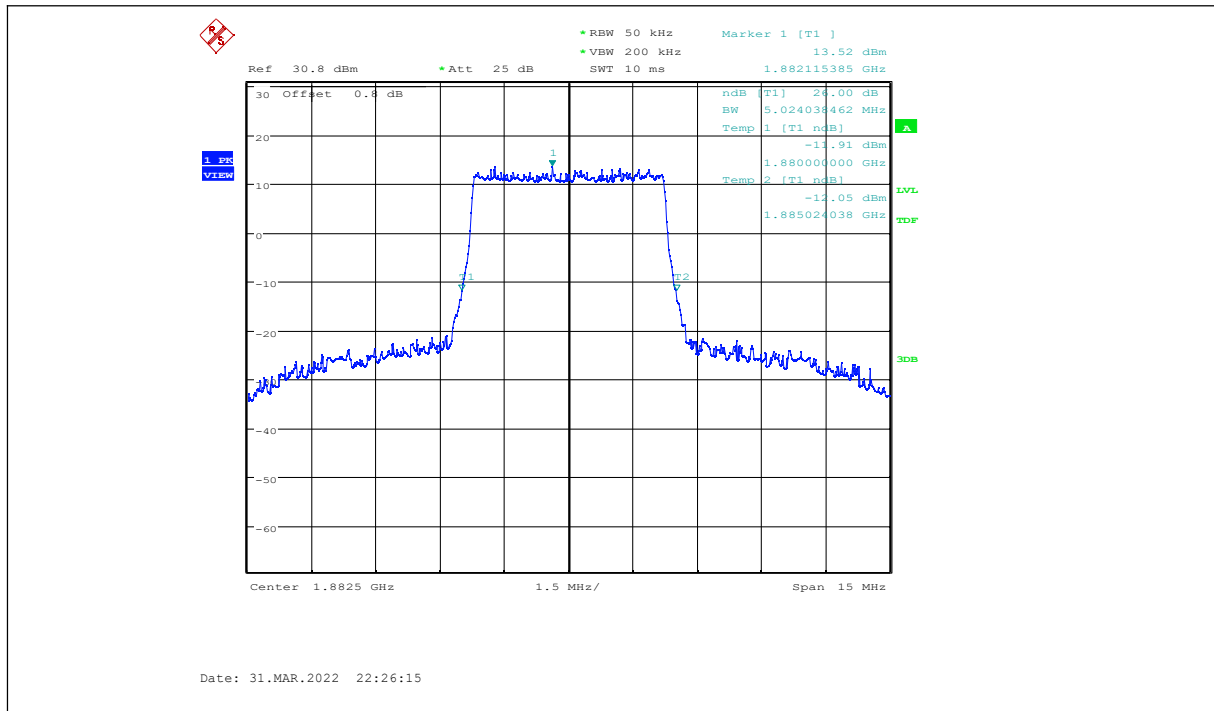
LTE band 25,5MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1882.5	5.000	5.024

LTE band 25 , 5MHz Bandwidth,QPSK (-26dB BW)



LTE band 25 , 5MHz Bandwidth,16QAM (-26dB BW)



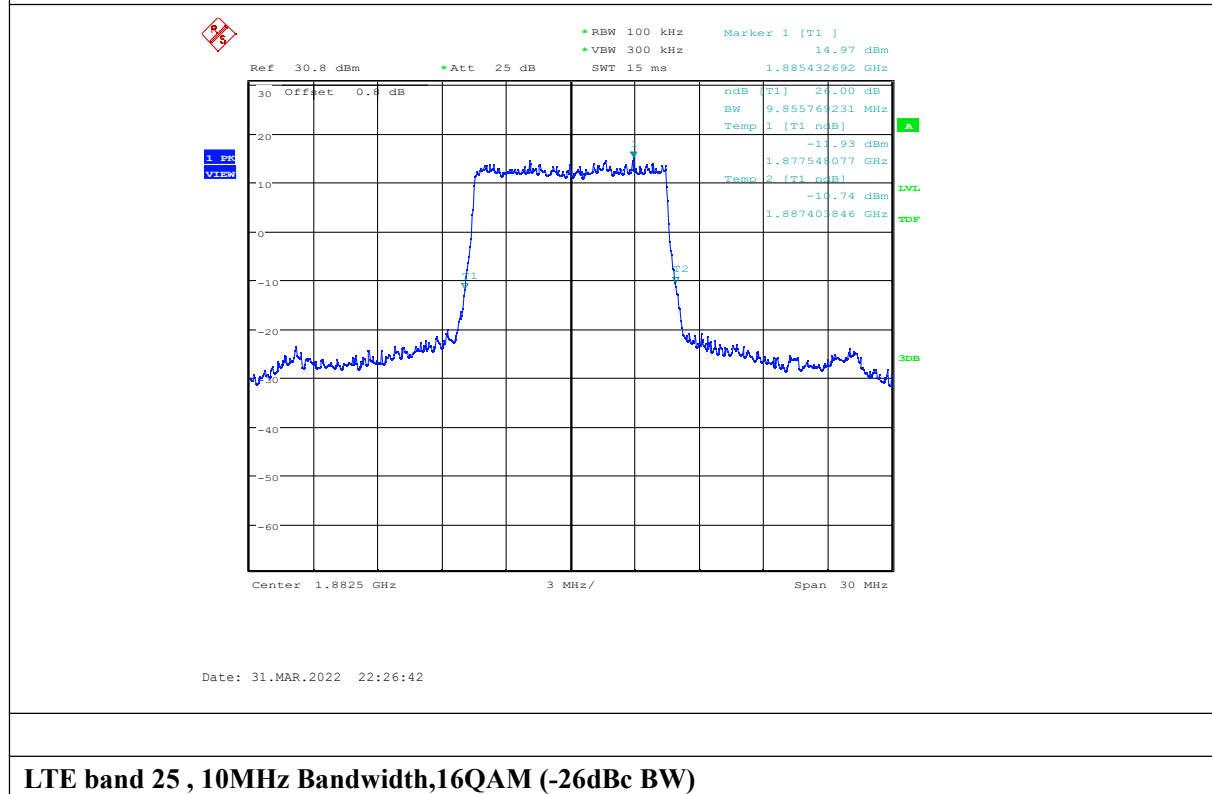
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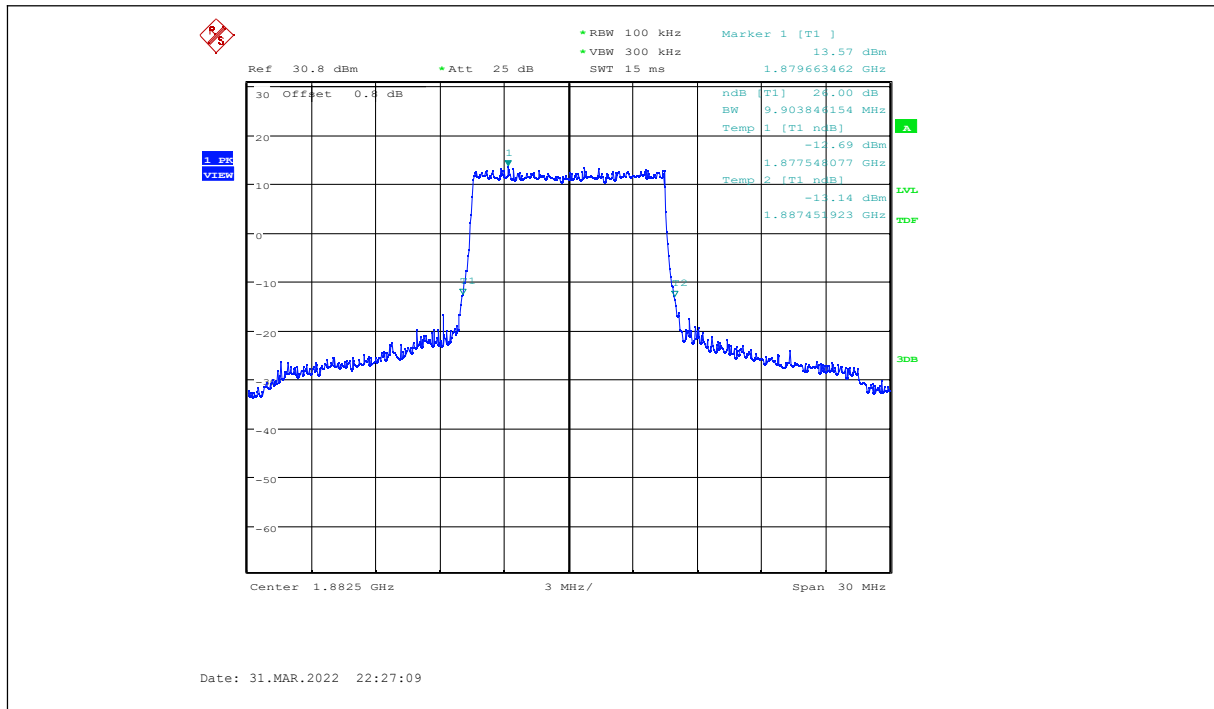
LTE band 25,10MHz(-26dBc)

Frequency(MHz)	Emission Bandwidth (-26dBc)(MHz)	
	QPSK	16QAM
1882.5	9.856	9.904

LTE band 25 , 10MHz Bandwidth,QPSK (-26dBc BW)



LTE band 25 , 10MHz Bandwidth,16QAM (-26dBc BW)



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