



TEST REPORT

No.I23N00664-RF LTE

for

Guangdong OPPO Mobile Telecommunications Corp., Ltd.

Mobile Phone

Model Name: CPH2565

FCC ID: R9C-CPH2565

with

Hardware Version: 11

Software Version: ColorOS 13.1

Issued Date: 2023-05-30

Note:

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of SAICT.

Test Laboratory:

SAICT, Shenzhen Academy of Information and Communications Technology

Building G, Shenzhen International Innovation Center, No.1006 Shennan Road, Futian District, Shenzhen, Guangdong, P. R. China 518000.

Tel: +86(0)755-33322000, Fax: +86(0)755-33322001

Email: yewu@caict.ac.cn. www.saict.ac.cn



REPORT HISTORY

Report Number	Revision	Description	Issue Date
I23N00664-RF LTE	Rev.0	1st edition	2023-05-30

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1. SUMMARY OF TEST REPORT

1.1. Test Items

Description	Mobile Phone
Model Name	CPH2565
Brand Name	OPPO
Applicant's name	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Manufacturer's Name	Guangdong OPPO Mobile Telecommunications Corp., Ltd.

1.2. Test Standards

FCC Part 2/22/24/27/90	10-1-21 Edition
ANSI C63.26	2015
KDB971168 D01	v03r01

1.3. Test Result

All test items are passed. Please refer to "6 Summary of Test Results" for detail.

1.4. Testing Location

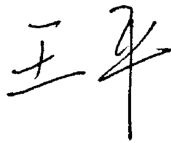
Address: Building G, Shenzhen International Innovation Center, No.1006 Shennan Road, Futian District, Shenzhen, Guangdong, P. R. China 518000

1.5. Project Data

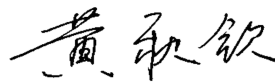
Testing Start Date: 2023-04-28

Testing End Date: 2023-05-10

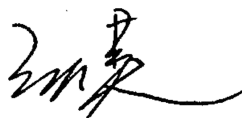
1.6. Signature



Wang Ping
(Prepared this test report)



Huang Qiuqin
(Reviewed this test report)



Zhang Hao
(Approved this test report)



2. CLIENT INFORMATION

2.1. Applicant Information

Company Name: Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address /Post: NO.18 Haibin Road, Wusha Village, Chang'an Town, Dongguan City,
Guangdong, China
Contact: Mei XiLi
Email: (86)76986076999
Telephone: meixili@oppo.com
Fax: /

2.2. Manufacturer Information

Company Name: Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address /Post: NO.18 Haibin Road, Wusha Village, Chang'an Town, Dongguan City,
Guangdong, China
Contact: Mei XiLi
Email: (86)76986076999
Telephone: meixili@oppo.com
Fax: /

3. EQUIPMENT UNDER TEST (EUT) AND ANCILLARY EQUIPMENT

(AE)

3.1. About EUT

Description	Mobile Phone
Model Name	CPH2565
FCC ID	R9C-CPH2565
Frequency Bands	LTE Bands 2/4/5/7/12/13/17/26/38/41(2535MHz-2655MHz)/66
Antenna	Integrated
Extreme vol. Limits	3.50V to 4.45V (nominal: 3.87V)
Condition of EUT as received	No abnormality in appearance

Note1: Components list, please refer to documents of the manufacturer; it is also included in the original test record of SAICT.

3.2. Internal Identification of EUT

EUT ID*	SN or IMEI	HW Version	SW Version	Date of receipt
UT08aa	864951060047932	11	ColorOS 13.1	2023-04-27
	864951060047924			
UT07aa	864951060048930	11	ColorOS 13.1	2023-04-27
	864951060048922			

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

UT08aa are used for conduction test, UT07aa is used for radiation test.

3.3. Internal Identification of AE

AE ID*	Description
AE1	Battery
AE2	Charger
AE3	USB Cable

AE1

Model	BLPA07
Manufacturer	Dongguan NVT Technology CO., LTD
Capacity	4890mAh
Nominal Voltage	3.87 V

AE2

Model	VCB7CAUH
Manufacturer	Dongguan Yohoo Electronic Technology Co., Ltd
Specification	American Standard Charger

AE3

Model	DL129
Manufacturer	/

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

3.4. General Description

The Equipment Under Test (EUT) is a model Mobile Phone with integrated antenna. It consists of normal options: lithium battery, charger. Manual and specifications of the EUT were provided to fulfil the test. Samples undergoing test were selected by the Client.



4. REFERENCE DOCUMENTS

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

Reference	Title	Version
FCC Part 22	PUBLIC MOBILE SERVICES	10-1-21 Edition
FCC Part 24	PERSONAL COMMUNICATIONS SERVICES	10-1-21 Edition
FCC Part 2	FREQUENCY ALLOCATIONS AND RADIO TREATY MATTERS; GENERAL RULES AND REGULATIONS	10-1-21 Edition
FCC Part 27	MISCELLANEOUS WIRELESS COMMUNICATIONS SERVICES	10-1-21 Edition
FCC Part 90	PRIVATE LAND MOBILE RADIO SERVICES	10-1-21 Edition
ANSI C63.26	American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services	2015
KDB971168 D01	Power Meas License Digital Systems	v03r01

5. LABORATORY ENVIRONMENT

Shielded room did not exceed following limits along the RF testing:

Temperature	Min. = 15 °C, Max. = 35 °C
Relative humidity	Min. = 20 %, Max. = 75 %
Shielding effectiveness	0.014MHz-1MHz>60 dB; 1MHz-18000MHz>90 dB
Electrical insulation	>2 MΩ
Ground system resistance	< 4 Ω

Fully-anechoic chamber did not exceed following limits along the EMC testing

Temperature	Min. = 15 °C, Max. = 35 °C
Relative humidity	Min. = 20 %, Max. = 75 %
Shielding effectiveness	0.014MHz-1MHz> 60 dB; 1MHz-18000MHz>90 dB
Electrical insulation	> 2MΩ
Ground system resistance	< 4 Ω
Voltage Standing Wave Ratio (VSWR)	≤ 6 dB, from 1 to 18 GHz, 3 m distance
Uniformity of field strength	Between 0 and 6 dB, from 80 to 6000 MHz

6. SUMMARY OF TEST RESULTS

Abbreviations used in this clause:		
Verdict Column	P	Pass
	F	Fail
	NA	Not applicable
	NM	Not measured

LTE Band 2

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	2.1046/24.232	A.1	P
2	Field Strength of Spurious Radiation	2.1053/24.238	A.2	P
3	Frequency Stability	2.1055/24.235	A.3	P
4	Occupied Bandwidth	2.1049/24.238	A.4	P
5	Emission Bandwidth	2.1049/24.238	A.5	P
6	Band Edge Compliance	2.1051/24.238	A.6	P
7	Conducted Spurious Emission	2.1051/24.238	A.7	P
8	Peak-to-Average Power Ratio	24.232/ KDB971168 D01	A.8	P

LTE Band 4

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	2.1046/27.50(d)	A.1	P
2	Field Strength of Spurious Radiation	2.1053/27.53(h)	A.2	P
3	Frequency Stability	2.1055/27.54	A.3	P
4	Occupied Bandwidth	2.1049/27.53(g)	A.4	P
5	Emission Bandwidth	2.1049/27.53(g)	A.5	P
6	Band Edge Compliance	2.1051/27.53(h)	A.6	P
7	Conducted Spurious Emission	2.1051/27.53(h)	A.7	P
8	Peak-to-Average Power Ratio	27.50(d)/ KDB971168 D01	A.8	P

**LTE band 5**

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	2.1046/22.913	A.1	P
2	Field Strength of Spurious Radiation	2.1053/22.917	A.2	P
3	Frequency Stability	2.1055/22.355	A.3	P
4	Occupied Bandwidth	2.1049/22.917	A.4	P
5	Emission Bandwidth	2.1049/22.917	A.5	P
6	Band Edge Compliance	2.1051/22.917	A.6	P
7	Conducted Spurious Emission	2.1051/22.917	A.7	P
8	Peak-to-Average Power Ratio	KDB971168 D01	A.8	P

LTE Band 7

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	2.1046/27.50(h)	A.1	P
2	Field Strength of Spurious Radiation	2.1053/27.53(m)	A.2	P
3	Frequency Stability	2.1055/27.54	A.3	P
4	Occupied Bandwidth	2.1049/27.53(m)	A.4	P
5	Emission Bandwidth	2.1049/27.53(m)	A.5	P
6	Band Edge Compliance	2.1051/27.53(m)	A.6	P
7	Conducted Spurious Emission	2.1051/27.53(m)	A.7	P
8	Peak-to-Average Power Ratio	27.50(a)/ KDB971168 D01	A.8	P

LTE Band 12

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	2.1046/27.50(c)	A.1	P
2	Field Strength of Spurious Radiation	2.1053/27.53(g)	A.2	P
3	Frequency Stability	2.1055/27.54	A.3	P
4	Occupied Bandwidth	2.1049/27.53(g)	A.4	P
5	Emission Bandwidth	2.1049/27.53(g)	A.5	P
6	Band Edge Compliance	2.1051/27.53(g)	A.6	P
7	Conducted Spurious Emission	2.1051/27.53(g)	A.7	P
8	Peak-to-Average Power Ratio	27.50(a)/ KDB971168 D01	A.8	P

**LTE Band 13**

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	2.1046/27.50(b)	A.1	P
2	Field Strength of Spurious Radiation	2.1053/27.53(c)	A.2	P
3	Frequency Stability	2.1055/27.54	A.3	P
4	Occupied Bandwidth	2.1049/27.53(c)	A.4	P
5	Emission Bandwidth	2.1049/27.53(c)	A.5	P
6	Band Edge Compliance	2.1051/27.53(c)	A.6	P
7	Conducted Spurious Emission	2.1051/27.53(c)	A.7	P
8	Peak-to-Average Power Ratio	27.50(a)/ KDB971168 D01	A.8	P

LTE Band 17

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	2.1046/27.50(c)	A.1	P
2	Field Strength of Spurious Radiation	2.1053/27.53(g)	A.2	P
3	Frequency Stability	2.1055/27.54	A.3	P
4	Occupied Bandwidth	2.1049/27.53(g)	A.4	P
5	Emission Bandwidth	2.1049/27.53(g)	A.5	P
6	Band Edge Compliance	2.1051/27.53(g)	A.6	P
7	Conducted Spurious Emission	2.1051/27.53(g)	A.7	P
8	Peak-to-Average Power Ratio	27.50(a)/ KDB971168 D01	A.8	P

LTE Band 26(814MHz-824MHz)

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	2.1046/90.635	A.1	P
2	Field Strength of Spurious Radiation	2.1053/90.691	A.2	P
3	Frequency Stability	2.1055/90.213	A.3	P
4	Occupied Bandwidth	2.1049/90.1215	A.4	P
5	Emission Bandwidth	2.1049/90.1215	A.5	P
6	Band Edge Compliance	2.1051/90.691	A.6	P
7	Conducted Spurious Emission	2.1051/90.691	A.7	P
8	Peak-to-Average Power Ratio	KDB971168 D01	A.8	P

**LTE band 26(824MHz-849MHz)**

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	2.1046/22.913	A.1	P
2	Field Strength of Spurious Radiation	2.1053/22.917	A.2	P
3	Frequency Stability	2.1055/22.355	A.3	P
4	Occupied Bandwidth	2.1049/22.917	A.4	P
5	Emission Bandwidth	2.1049/22.917	A.5	P
6	Band Edge Compliance	2.1051/22.917	A.6	P
7	Conducted Spurious Emission	2.1051/22.917	A.7	P
8	Peak-to-Average Power Ratio	KDB971168 D01	A.8	P

LTE Band 38

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	2.1046/27.50(h)	A.1	P
2	Field Strength of Spurious Radiation	2.1053/27.53(m)	A.2	P
3	Frequency Stability	2.1055/27.54	A.3	P
4	Occupied Bandwidth	2.1049/27.53(m)	A.4	P
5	Emission Bandwidth	2.1049/27.53(m)	A.5	P
6	Band Edge Compliance	2.1051/27.53(m)	A.6	P
7	Conducted Spurious Emission	2.1051/27.53(m)	A.7	P
8	Peak-to-Average Power Ratio	27.50(a)/ KDB971168 D01	A.8	P

LTE Band 41(2535MHz-2655MHz)

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	2.1046/27.50(h)	A.1	P
2	Field Strength of Spurious Radiation	2.1053/27.53(m)	A.2	P
3	Frequency Stability	2.1055/27.54	A.3	P
4	Occupied Bandwidth	2.1049/27.53(m)	A.4	P
5	Emission Bandwidth	2.1049/27.53(m)	A.5	P
6	Band Edge Compliance	2.1051/27.53(m)	A.6	P
7	Conducted Spurious Emission	2.1051/27.53(m)	A.7	P
8	Peak-to-Average Power Ratio	27.50(a)/ KDB971168 D01	A.8	P

**LTE Band 66**

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	2.1046/27.50(d)	A.1	P
2	Field Strength of Spurious Radiation	2.1053/27.53(h)	A.2	P
3	Frequency Stability	2.1055/27.54	A.3	P
4	Occupied Bandwidth	2.1049/27.53(h)	A.4	P
5	Emission Bandwidth	2.1049/27.53(h)	A.5	P
6	Band Edge Compliance	2.1051/27.53(h)	A.6	P
7	Conducted Spurious Emission	2.1051/27.53(h)	A.7	P
8	Peak-to-Average Power Ratio	27.50(a)/ KDB971168 D01	A.8	P



7. STATEMENT

Since the information of samples in this report is provided by the client, the laboratory is not responsible for the authenticity of sample information.

This report takes measured values as criterion of test conclusion. The test conclusion meets the limit requirements.

8. TEST EQUIPMENTS UTILIZED

No.	Description	Type	Manufacture	Series Number	Cal Due Date
1	Test Receiver	ESR7	R&S	101676	2023-11-23
2	BiLog Antenna	3142E	ETS-Lindgren	0224831	2024-05-27
3	Horn Antenna	3117	ETS-Lindgren	00066585	2025-03-15
4	Horn Antenna	QSH-SL-18-2 6-S-20	Q-par	17013	2026-02-01
5	Antenna	BBHA 9120D	Schwarzbeck	1593	2025-10-24
6	Antenna	VUBA 9117	Schwarzbeck	207	2023-07-15
7	Antenna	QWH-SL-18-4 0-K-SG	Q-par	15979	2026-01-30
8	preamplifier	83017A	Agilent	MY39501110	/
9	Signal Generator	SMB100A	R&S	179725	2023-11-23
10	Fully Anechoic Chamber	FACT3-2.0	ETS-Lindgren	1285	2023-05-29
11	Spectrum Analyzer	FSV40	R&S	101192	2024-01-11
12	Universal Radio Communication Tester	CMU200	R&S	114545	2024-01-11
13	Universal Radio Communication Tester	CMW500	R&S	152499	2023-07-14
14	Universal Radio Communication Tester	CMW500	R&S	129146	2024-04-24
15	Spectrum Analyzer	FSW26	R&S	102197	2023-11-24
16	Temperature Chamber	SH-241	ESPEC	92007516	2023-10-15
17	DC Power Supply	U3606A	Agilent Technologies	MY50450012	2023-11-13

Test software

Item	Name	Version
Radiated	EMC32	V10.50.40

ANNEX A: MEASUREMENT RESULTS

A.1 OUTPUT POWER

Reference

FCC: CFR Part 2.1046, 22.913, 24.232, 27.50,90.635.

A.1.1 Summary

During the process of testing, the EUT was controlled via Rhode & Schwarz Digital Radio Communication tester (CMW500) to ensure max power transmission and proper modulation.

This result contains peak output power and ERP/EIRP measurements for the EUT.

In all cases, output power is within the specified limits.

A.1.2 Conducted

A.1.2.1 Method of Measurements

The EUT was set up for the max output power with pseudo random data modulation.

These measurements were done at 3 frequencies (bottom, middle and top of operational frequency range) for each bandwidth.

A.1.2.2 Measurement result

LTE band 2

Bandwidth	RB size/offset	Frequency(MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
1.4MHz	1 RB high	1909.3	22.55	21.48	19.80
		1880.0	22.18	21.32	20.38
		1850.7	22.46	21.26	20.38
	1 RB low	1909.3	22.49	21.53	20.13
		1880.0	22.24	20.92	20.31
		1850.7	22.41	21.37	20.42
	50% RB mid	1909.3	22.47	21.72	20.13
		1880.0	22.35	21.49	19.88
		1850.7	22.41	21.57	20.22
	100% RB	1909.3	21.69	20.49	18.75
		1880.0	21.44	20.55	18.58
		1850.7	21.53	20.01	18.87
3MHz	1 RB high	1908.5	22.36	21.68	20.07
		1880.0	22.24	21.44	19.92
		1851.5	22.38	21.47	19.70
	1 RB low	1908.5	22.30	21.58	20.10
		1880.0	22.42	21.03	19.94
		1851.5	22.46	21.15	19.73
	50% RB mid	1908.5	21.65	20.52	19.10
		1880.0	21.49	20.40	18.65
		1851.5	21.63	20.50	18.79
	100% RB	1908.5	21.67	20.63	19.00



Bandwidth	RB size/offset	Frequency(MHz)	Power(dBm)			
			QPSK	16QAM	64QAM	
5MHz	1 RB high	1880.0	21.51	20.55	18.99	
		1851.5	21.55	20.56	19.05	
		1907.5	22.57	21.52	20.08	
	1 RB low	1880.0	22.27	21.24	19.80	
		1852.5	22.38	21.24	19.91	
		1907.5	22.46	21.44	19.94	
	50% RB mid	1880.0	22.27	21.29	19.83	
		1852.5	22.34	21.28	19.92	
		1907.5	21.61	20.52	19.10	
	100% RB	1880.0	21.58	20.51	18.96	
		1852.5	21.55	20.41	18.88	
		1907.5	21.66	20.67	19.22	
	10MHz	1 RB high	1880.0	21.42	20.42	19.04
			1852.5	21.49	20.50	18.83
			1905.0	22.54	21.46	20.10
		1 RB low	1880.0	22.42	21.31	19.65
			1855.0	22.40	21.73	20.01
			1905.0	22.51	21.58	20.01
50% RB mid		1880.0	22.47	21.42	20.02	
		1855.0	22.53	21.49	20.13	
		1905.0	21.65	20.57	19.28	
100% RB		1880.0	21.46	20.56	19.08	
		1855.0	21.57	20.62	19.14	
		1905.0	21.68	20.79	19.09	
15MHz		1 RB high	1880.0	21.52	20.55	18.86
			1855.0	21.58	20.51	18.90
			1902.5	22.38	21.48	19.99
		1 RB low	1880.0	22.57	21.31	20.21
			1857.5	22.40	21.35	19.93
			1902.5	22.44	21.28	19.96
	50% RB mid	1880.0	22.27	21.13	20.01	
		1857.5	22.44	21.49	20.18	
		1902.5	21.56	20.60	19.04	
	100% RB	1880.0	21.44	20.46	18.98	
		1857.5	21.50	20.50	19.05	
		1902.5	21.60	20.62	18.91	
			1880.0	21.51	20.59	18.81
			1857.5	21.58	20.50	18.91



Bandwidth	RB size/offset	Frequency(MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
20MHz	1 RB high	1900.0	22.47	21.48	20.35
		1880.0	22.61	21.26	20.27
		1860.0	22.53	21.25	20.43
	1 RB low	1900.0	22.60	21.38	19.92
		1880.0	22.62	21.37	20.40
		1860.0	22.30	21.43	20.08
	50% RB mid	1900.0	21.69	20.50	18.93
		1880.0	21.62	20.55	18.97
		1860.0	21.60	20.55	18.93
	100% RB	1900.0	21.68	20.48	19.08
		1880.0	21.53	20.56	18.96
		1860.0	21.70	20.55	18.99

Note: Expanded measurement uncertainty is U = 0.49dB, k = 1.96



LTE band 4

Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
1.4MHz	1 RB high	1754.3	23.17	22.25	21.34
		1732.5	23.29	22.26	21.23
		1710.7	23.13	22.34	21.25
	1 RB low	1754.3	23.27	22.31	21.43
		1732.5	23.26	21.91	21.29
		1710.7	23.19	22.32	21.21
	50% RB mid	1754.3	23.24	22.58	21.15
		1732.5	23.33	22.50	21.14
		1710.7	23.43	22.40	21.00
	100% RB	1754.3	22.39	21.39	19.90
		1732.5	22.38	21.34	19.99
		1710.7	22.27	21.29	19.74
3MHz	1 RB high	1753.5	22.56	22.66	21.06
		1732.5	23.54	22.26	21.07
		1711.5	23.15	22.33	20.93
	1 RB low	1753.5	22.56	22.24	21.05
		1732.5	23.60	22.26	21.12
		1711.5	23.30	21.99	20.89
	50% RB mid	1753.5	22.62	21.41	20.12
		1732.5	22.62	21.26	20.14
		1711.5	22.34	21.41	19.88
	100% RB	1753.5	22.55	21.48	20.08
		1732.5	22.55	21.32	20.07
		1711.5	22.35	21.40	20.03
5MHz	1 RB high	1752.5	23.63	22.45	21.14
		1732.5	23.51	22.03	20.96
		1712.5	23.36	22.31	21.03
	1 RB low	1752.5	23.74	22.18	21.11
		1732.5	23.47	22.48	20.95
		1712.5	23.15	21.84	19.98
	50% RB mid	1752.5	22.74	21.60	20.38
		1732.5	22.64	21.53	20.29
		1712.5	22.41	21.50	20.03
	100% RB	1752.5	22.67	21.81	20.26
		1732.5	22.58	21.66	19.97
		1712.5	22.40	21.23	20.04
10MHz	1 RB high	1750.0	22.57	22.53	21.22
		1732.5	23.23	22.76	21.01
		1715.0	23.35	22.30	20.96
	1 RB low	1750.0	22.55	22.64	21.24



Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)			
			QPSK	16QAM	64QAM	
		1732.5	23.47	22.27	21.00	
		1715.0	23.36	22.34	20.89	
		1750.0	22.65	21.58	20.54	
	50% RB mid		1732.5	22.61	21.38	20.33
			1715.0	22.54	21.42	20.21
			1750.0	22.62	21.64	20.16
	100% RB		1732.5	22.59	21.37	20.09
			1715.0	22.48	21.41	19.90
			1747.5	23.61	22.51	21.16
	15MHz	1 RB high	1732.5	23.38	22.31	21.01
			1717.5	23.48	22.36	21.08
			1747.5	23.71	22.54	21.22
1 RB low			1732.5	23.34	22.21	21.08
			1717.5	23.32	22.22	21.03
			1747.5	22.71	21.63	20.44
50% RB mid			1732.5	22.54	21.45	20.23
			1717.5	22.44	21.45	20.00
			1747.5	22.71	21.60	20.14
100% RB			1732.5	22.54	21.54	20.08
			1717.5	22.57	21.58	20.09
			1745.0	23.64	22.53	21.43
20MHz	1 RB high	1732.5	23.62	22.43	20.95	
		1720.0	23.67	22.44	20.95	
		1745.0	23.67	22.53	21.30	
	1 RB low		1732.5	23.66	22.52	21.05
			1720.0	23.42	22.31	20.88
			1745.0	22.73	21.72	20.18
	50% RB mid		1732.5	22.64	21.52	20.13
			1720.0	22.69	21.50	20.09
			1745.0	22.73	21.69	20.19
	100% RB		1732.5	22.60	21.48	20.18
			1720.0	22.63	21.57	20.14
			1745.0	22.73	21.69	20.19

Note: Expanded measurement uncertainty is U = 0.49dB, k = 1.96



LTE band 5

Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
1.4MHz	1 RB high	848.3	23.32	22.02	21.56
		836.5	23.27	22.12	21.51
		824.7	23.32	22.05	21.48
	1 RB low	848.3	23.22	21.93	21.32
		836.5	23.22	22.24	21.41
		824.7	23.46	22.04	21.55
	50% RB mid	848.3	23.32	22.28	20.62
		836.5	23.31	22.54	21.24
		824.7	23.50	22.41	20.78
	100% RB	848.3	22.28	21.28	20.00
		836.5	22.33	21.43	19.81
		824.7	22.32	21.42	20.16
3MHz	1 RB high	847.5	23.31	21.79	20.51
		836.5	23.07	22.55	20.76
		825.5	23.11	22.55	21.06
	1 RB low	847.5	22.99	21.78	20.73
		836.5	23.30	22.13	20.70
		825.5	23.16	22.15	21.15
	50% RB mid	847.5	22.29	21.41	20.03
		836.5	22.36	21.55	20.14
		825.5	22.29	21.39	20.00
	100% RB	847.5	22.32	21.30	20.05
		836.5	22.30	20.92	20.13
		825.5	22.43	21.50	20.21
5MHz	1 RB high	846.5	23.25	22.14	21.07
		836.5	23.38	22.06	21.00
		826.5	23.35	22.24	20.88
	1 RB low	846.5	23.29	22.25	20.98
		836.5	23.18	22.10	20.93
		826.5	23.32	22.30	21.07
	50% RB mid	846.5	22.41	21.57	20.17
		836.5	22.51	21.49	20.13
		826.5	22.40	21.46	20.25
	100% RB	846.5	22.31	21.26	20.01
		836.5	22.40	21.29	20.17
		826.5	22.37	21.44	20.02
10MHz	1 RB high	844.0	23.17	22.53	21.13
		836.5	23.27	22.20	21.09
		829.0	23.23	22.06	21.26
	1 RB low	844.0	23.44	22.13	21.08



Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
		836.5	23.07	21.99	20.88
		829.0	23.15	22.18	21.48
		844.0	22.36	21.51	20.38
	50% RB mid	836.5	22.45	21.48	20.08
		829.0	22.36	21.39	20.31
		844.0	22.36	21.32	20.17
	100% RB	836.5	22.33	21.36	20.06
		829.0	22.38	21.34	20.11

Note: Expanded measurement uncertainty is $U = 0.49\text{dB}$, $k = 1.96$



LTE band 7

Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
5MHz	1 RB high	2567.5	22.18	20.95	20.37
		2535.0	22.21	21.47	20.43
		2502.5	22.10	20.84	20.25
	1 RB low	2567.5	22.00	20.95	19.78
		2535.0	22.09	20.88	20.30
		2502.5	21.92	20.86	19.42
	50% RB mid	2567.5	21.23	20.25	19.55
		2535.0	21.26	20.29	19.57
		2502.5	21.18	20.11	19.26
	100% RB	2567.5	21.16	20.14	19.56
		2535.0	21.29	20.24	19.24
		2502.5	21.08	20.24	19.22
10MHz	1 RB high	2565.0	22.49	21.19	20.91
		2535.0	22.37	21.21	20.57
		2505.0	22.31	21.00	20.40
	1 RB low	2565.0	22.38	21.04	20.42
		2535.0	22.20	20.88	20.22
		2505.0	22.15	20.94	20.36
	50% RB mid	2565.0	21.19	20.48	19.43
		2535.0	21.27	20.20	19.44
		2505.0	21.10	20.17	19.53
	100% RB	2565.0	21.21	20.24	19.44
		2535.0	21.14	20.27	19.39
		2505.0	21.17	20.25	19.32
15MHz	1 RB high	2562.5	22.46	21.20	20.50
		2535.0	22.37	21.56	20.55
		2507.5	22.39	21.11	20.88
	1 RB low	2562.5	22.16	20.99	20.37
		2535.0	22.14	20.93	20.45
		2507.5	22.02	20.97	20.30
	50% RB mid	2562.5	21.20	20.29	19.47
		2535.0	21.26	20.29	19.52
		2507.5	21.11	20.08	19.27
	100% RB	2562.5	21.18	20.28	19.31
		2535.0	21.11	20.21	19.47
		2507.5	21.18	20.23	19.25
20MHz	1 RB high	2560.0	22.61	21.18	20.26



Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
		2535.0	22.68	21.20	20.73
		2510.0	22.60	20.67	20.64
	1 RB low	2560.0	22.34	21.06	20.24
		2535.0	22.41	20.99	20.24
		2510.0	22.25	20.86	20.19
	50% RB mid	2560.0	21.47	20.36	19.27
		2535.0	21.46	20.19	19.14
		2510.0	21.42	20.22	19.08
	100% RB	2560.0	21.48	20.37	19.18
		2535.0	21.47	20.17	19.21
		2510.0	20.59	20.13	19.19

Note: Expanded measurement uncertainty is U = 0.49 dB, k = 1.96

LTE band 12

Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
1.4MHz	1 RB high	715.3	23.69	22.47	22.22
		707.5	23.73	22.63	22.31
		699.7	23.57	22.46	21.80
	1 RB low	715.3	23.56	22.30	22.01
		707.5	23.71	22.63	22.30
		699.7	23.37	22.50	22.17
	50% RB mid	715.3	23.60	22.68	21.81
		707.5	23.81	22.99	22.11
		699.7	23.61	22.58	21.84
	100% RB	715.3	22.52	21.71	20.66
		707.5	22.79	21.88	20.69
		699.7	22.57	21.64	20.78
3MHz	1 RB high	714.5	23.62	22.58	22.25
		707.5	23.83	22.67	21.95
		700.5	23.58	22.51	21.86
	1 RB low	714.5	23.66	22.41	21.93
		707.5	23.73	22.26	21.82
		700.5	23.57	22.26	21.67
	50% RB mid	714.5	22.58	21.71	20.88
		707.5	22.87	21.73	21.00
		700.5	22.64	21.61	20.87
	100% RB	714.5	22.61	21.42	20.85
		707.5	22.75	21.63	20.90
		700.5	22.65	21.49	20.85
5MHz	1 RB high	713.5	23.58	22.44	21.78
		707.5	23.72	22.55	21.93
		701.5	23.67	22.87	21.92
	1 RB low	713.5	23.52	22.42	21.86
		707.5	23.63	21.79	21.81
		701.5	23.50	22.42	21.67
	50% RB mid	713.5	22.72	21.64	21.12
		707.5	22.88	21.60	21.00
		701.5	22.65	21.67	20.75
	100% RB	713.5	22.62	21.49	20.81
		707.5	22.74	21.85	20.97
		701.5	22.63	21.84	20.70
10MHz	1 RB high	711.0	23.57	22.44	21.74



Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
		707.5	23.66	22.52	21.90
		704.0	23.79	22.60	22.04
	1 RB low	711.0	23.54	22.55	21.94
		707.5	23.45	22.26	21.73
		704.0	23.25	22.28	21.75
	50% RB mid	711.0	22.71	21.90	21.16
		707.5	22.73	21.96	21.04
		704.0	22.74	21.99	21.15
	100% RB	711.0	22.79	21.78	20.99
		707.5	22.82	21.61	21.04
		704.0	22.71	21.68	21.07

Note: Expanded measurement uncertainty is U = 0.49dB, k = 1.96

LTE band 13

Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
5MHz	1 RB high	784.5	23.52	22.36	21.37
		782.0	23.54	22.43	21.41
		779.5	23.76	22.46	21.93
	1 RB low	784.5	23.63	22.38	21.45
		782.0	23.55	22.47	21.45
		779.5	23.31	22.54	21.49
	50% RB mid	784.5	22.57	21.63	20.67
		782.0	22.56	21.65	20.70
		779.5	22.67	21.70	20.53
	100% RB	784.5	22.60	21.80	20.68
		782.0	22.61	21.72	20.32
		779.5	22.66	21.79	20.71
10MHz	1 RB high	782.0	23.58	22.33	21.47
	1 RB low	782.0	23.27	22.50	21.49
	50% RB mid	782.0	22.61	21.62	20.68
	100% RB	782.0	22.58	21.71	20.50

Note: Expanded measurement uncertainty is $U = 0.49$ dB, $k = 1.96$



LTE band 17

Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)			
			QPSK	16QAM	64QAM	
5MHz	1RB-High (24)	713.5	23.56	22.47	21.54	
		710.0	23.74	22.45	21.59	
		706.5	23.64	22.50	21.59	
	1RB-Low (0)	713.5	23.58	22.44	21.57	
		710.0	23.56	22.40	21.61	
		706.5	23.36	22.45	21.61	
	12RB-Middle (6)	713.5	22.64	21.66	20.61	
		710.0	22.62	21.65	20.84	
		706.5	22.60	21.75	20.84	
	25RB (0)	713.5	22.62	21.63	20.63	
		710.0	22.59	21.71	20.66	
		706.5	22.63	21.53	20.69	
	10MHz	1RB-High (49)	711.0	23.69	22.47	21.67
			710.0	23.68	22.45	21.60
			709.0	23.77	22.58	22.16
1RB-Low (0)		711.0	23.45	22.34	21.64	
		710.0	23.71	22.41	21.61	
		709.0	23.75	22.55	21.72	
25RB-Middle (12)		711.0	22.69	21.69	20.93	
		710.0	22.68	21.79	20.78	
		709.0	22.74	21.75	21.04	
50RB (0)		711.0	22.67	21.59	20.70	
		710.0	22.70	21.80	20.71	
		709.0	22.72	21.82	20.81	

Note: Expanded measurement uncertainty is U = 0.49dB, k = 1.96

LTE band 26(814MHz-824MHz)

Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
1.4MHz	1 RB high	823.3	23.76	22.51	21.78
		819.0	23.71	22.52	22.15
		814.7	23.82	22.72	22.1
	1 RB low	823.3	23.94	22.29	21.93
		819.0	23.7	22.57	21.78
		814.7	23.85	22.48	22.07
	50% RB mid	823.3	23.81	22.5	21.18
		819.0	23.7	22.53	21.65
		814.7	23.78	22.82	21.8
	100% RB	823.3	22.6	21.27	20.45
		819.0	22.73	21.5	20.47
		814.7	22.84	21.83	20.54
3MHz	1 RB high	822.5	23.63	22.55	21.45
		819.0	23.51	22.67	21.75
		815.5	23.79	22.51	21.99
	1 RB low	822.5	23.22	22.57	21.52
		819.0	23.48	22.7	22.06
		815.5	23.59	22.56	21.5
	50% RB mid	822.5	22.54	21.67	20.69
		819.0	22.69	21.68	20.42
		815.5	22.64	21.55	20.8
	100% RB	822.5	22.38	21.26	20.46
		819.0	22.65	21.25	20.49
		815.5	22.54	21.55	20.68
5MHz	1 RB high	821.5	23.1	22.12	21.27
		819.0	23.44	22.15	22.01
		816.5	23.38	22.38	22
	1 RB low	821.5	23.35	22.17	21.51
		819.0	23.37	22.42	21.37
		816.5	23.51	22.33	21.51
	50% RB mid	821.5	22.42	21.19	20.45
		819.0	22.56	21.43	20.44
		816.5	22.47	21.43	20.76
	100% RB	821.5	22.48	21.38	20.57
		819.0	22.35	21.59	20.51
		816.5	22.67	21.46	20.66



Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
10MHz	1 RB high	819.0	23.14	22.43	21.23
	1 RB low	819.0	23.58	22.73	21.64
	50% RB mid	819.0	22.51	21.32	20.64
	100% RB	819.0	22.60	21.63	20.59

Note: Expanded measurement uncertainty is $U = 0.49\text{dB}$, $k = 1.96$

LTE band 26(824MHz-849MHz)

Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
1.4MHz	1 RB high	848.3	23.62	22.31	21.76
		836.5	23.61	22.32	21.94
		824.7	23.77	22.68	21.87
	1 RB low	848.3	23.69	22.25	21.82
		836.5	23.65	22.34	21.67
		824.7	23.61	22.46	21.87
	50% RB mid	848.3	23.58	22.46	20.93
		836.5	23.65	22.49	21.53
		824.7	23.73	22.68	21.76
	100% RB	848.3	22.49	21.12	20.43
		836.5	22.58	21.35	20.46
		824.7	22.63	21.60	20.50
3MHz	1 RB high	847.5	23.49	22.44	21.43
		836.5	23.50	22.52	21.72
		825.5	23.65	22.50	21.94
	1 RB low	847.5	23.11	22.43	21.38
		836.5	23.37	22.55	21.81
		825.5	23.56	22.44	21.49
	50% RB mid	847.5	22.32	21.46	20.44
		836.5	22.48	21.55	20.40
		825.5	22.54	21.53	20.60
	100% RB	847.5	22.25	21.24	20.33
		836.5	22.40	21.24	20.45
		825.5	22.51	21.40	20.65
5MHz	1 RB high	846.5	23.07	22.08	21.27
		836.5	23.34	22.13	21.86
		826.5	23.16	22.26	21.96
	1 RB low	846.5	23.34	22.15	21.37
		836.5	23.23	22.17	21.36
		826.5	23.29	22.29	21.51
	50% RB mid	846.5	22.31	21.14	20.34
		836.5	22.33	21.29	20.31
		826.5	22.44	21.41	20.71
	100% RB	846.5	22.28	21.14	20.43
		836.5	22.33	21.47	20.28
		826.5	22.44	21.46	20.53
10MHz	1 RB high	844.0	23.00	22.20	21.13

Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)			
			QPSK	16QAM	64QAM	
		836.5	23.47	22.20	21.76	
		829.0	23.30	22.26	21.87	
		844.0	23.46	22.49	21.39	
	1 RB low	836.5	23.41	22.21	21.39	
		829.0	23.49	22.08	21.46	
		844.0	22.39	21.30	20.39	
	50% RB mid	836.5	22.34	21.54	20.62	
		829.0	22.44	21.66	20.51	
		844.0	22.35	21.42	20.58	
	100% RB	836.5	22.31	21.26	20.40	
		829.0	22.41	21.23	20.61	
		841.5	22.82	22.10	21.17	
	15MHz	1 RB high	836.5	23.26	22.20	22.00
			831.5	23.44	22.27	21.61
			841.5	23.26	22.04	21.41
1 RB low		836.5	23.18	22.18	21.85	
		831.5	23.23	22.24	21.68	
		841.5	22.38	21.41	20.63	
50% RB mid		836.5	22.33	21.26	20.58	
		831.5	22.43	21.50	20.68	
		841.5	22.37	21.38	20.49	
100% RB		836.5	22.38	21.29	20.56	
		831.5	22.38	21.30	20.47	

Note: Expanded measurement uncertainty is $U = 0.49\text{dB}$, $k = 1.96$

LTE band 38

Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
5MHz	1 RB high	2617.5	22.62	21.19	20.30
		2595.0	22.67	21.40	20.36
		2572.5	22.57	21.08	20.17
	1 RB low	2617.5	22.65	21.16	20.37
		2595.0	22.41	21.11	19.97
		2572.5	22.51	21.00	20.13
	50% RB mid	2617.5	21.80	20.86	19.85
		2595.0	21.79	20.68	19.79
		2572.5	21.73	20.54	19.98
	100% RB	2617.5	21.79	20.75	20.08
		2595.0	21.78	20.63	19.97
		2572.5	21.74	20.56	20.03
10MHz	1 RB high	2615.0	22.84	21.71	20.40
		2595.0	22.67	21.20	19.95
		2575.0	22.80	21.85	20.23
	1 RB low	2615.0	22.88	21.30	20.13
		2595.0	22.72	21.29	20.19
		2575.0	22.61	21.15	20.33
	50% RB mid	2615.0	21.79	21.03	20.08
		2595.0	21.77	21.01	20.08
		2575.0	21.78	20.93	20.18
	100% RB	2615.0	21.83	20.99	19.99
		2595.0	21.81	20.76	19.94
		2575.0	21.83	20.69	19.89
15MHz	1 RB high	2612.5	22.71	21.90	20.38
		2595.0	22.75	21.33	20.39
		2577.5	22.63	21.72	20.30
	1 RB low	2612.5	22.78	20.82	20.37
		2595.0	22.77	20.91	20.31
		2577.5	22.68	21.36	20.35
	50% RB mid	2612.5	21.83	20.83	20.10
		2595.0	21.77	20.76	19.73
		2577.5	21.82	20.70	20.04
	100% RB	2612.5	21.83	20.79	19.94
		2595.0	21.75	20.74	19.95
		2577.5	21.69	20.66	19.95



Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
20MHz	1 RB high	2610.0	22.14	21.33	20.32
		2595.0	22.43	21.70	20.82
		2580.0	22.67	21.13	20.25
	1 RB low	2610.0	22.60	21.26	20.33
		2595.0	22.41	21.43	20.51
		2580.0	22.60	21.55	20.27
	50% RB mid	2610.0	21.72	20.74	20.00
		2595.0	21.70	20.87	19.89
		2580.0	21.76	20.74	19.93
	100% RB	2610.0	21.67	20.87	19.85
		2595.0	21.71	20.77	20.01
		2580.0	21.78	20.71	19.83

Note: Expanded measurement uncertainty is U = 0.49dB, k = 1.96



LTE band 41(2535MHz-2655MHz)

Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
5MHz	1 RB high	2537.5	23.06	21.76	20.51
		2595.0	23.14	22.05	20.37
		2652.5	22.91	21.29	20.19
	1 RB low	2537.5	23.05	22.12	20.41
		2595.0	23.07	22.02	19.96
		2652.5	22.90	21.89	20.03
	50% RB mid	2537.5	22.21	20.99	20.14
		2595.0	22.11	21.09	20.08
		2652.5	21.90	20.71	19.68
	100% RB	2537.5	22.21	20.99	20.27
		2595.0	22.06	21.28	20.14
		2652.5	21.95	20.70	20.08
10MHz	1 RB high	2540.0	22.95	21.62	20.62
		2595.0	23.27	21.89	20.41
		2650.0	22.95	21.96	20.25
	1 RB low	2540.0	23.05	21.79	20.37
		2595.0	23.10	21.64	20.43
		2650.0	23.06	21.39	20.36
	50% RB mid	2540.0	22.09	21.12	20.00
		2595.0	22.11	20.96	20.02
		2650.0	21.99	21.10	19.88
	100% RB	2540.0	22.16	21.08	20.00
		2595.0	22.12	21.11	20.11
		2650.0	22.01	21.05	19.86
15MHz	1 RB high	2542.5	22.88	21.94	20.57
		2595.0	23.12	22.11	20.44
		2647.5	23.10	21.54	20.43
	1 RB low	2542.5	23.33	22.28	20.64
		2595.0	23.14	22.19	20.66
		2647.5	22.91	22.02	20.58
	50% RB mid	2542.5	22.11	20.99	19.87
		2595.0	22.09	20.95	19.88
		2647.5	22.10	20.89	19.77



Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
	100% RB	2542.5	22.25	21.09	19.82
		2595.0	22.12	21.13	20.01
		2647.5	22.03	21.11	19.93
20MHz	1 RB high	2545.0	23.08	21.96	20.72
		2595.0	23.03	21.87	20.47
		2645.0	23.04	21.80	20.33
	1 RB low	2545.0	23.08	22.05	20.57
		2595.0	23.05	21.89	20.49
		2645.0	22.90	21.72	20.35
	50% RB mid	2545.0	22.19	21.04	20.06
		2595.0	22.14	21.01	20.06
		2645.0	22.10	21.05	20.01
	100% RB	2545.0	22.25	21.05	19.90
		2595.0	22.20	20.98	20.20
		2645.0	22.14	20.99	19.85

Note: Expanded measurement uncertainty is U = 0.49dB, k = 1.96

LTE band 66

Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
1.4MHz	1 RB high	1779.3	23.43	22.14	21.39
		1745.0	23.44	22.61	21.56
		1710.7	23.16	21.85	21.47
	1 RB low	1779.3	23.29	22.16	21.41
		1745.0	23.38	22.18	21.60
		1710.7	23.02	22.34	21.33
	50% RB mid	1779.3	23.33	22.38	21.25
		1745.0	23.38	22.51	21.44
		1710.7	23.35	22.14	20.97
	100% RB	1779.3	22.29	21.00	19.98
		1745.0	22.41	21.35	20.20
		1710.7	22.10	21.28	19.97
3MHz	1 RB high	1778.5	23.29	21.99	20.99
		1745.0	23.43	22.65	21.27
		1711.5	23.07	22.36	20.96
	1 RB low	1778.5	23.30	22.03	21.03
		1745.0	23.28	22.65	21.30
		1711.5	22.99	22.25	21.05
	50% RB mid	1778.5	22.22	21.11	20.10
		1745.0	22.43	21.64	20.29
		1711.5	22.10	21.37	19.98
	100% RB	1778.5	22.28	20.92	20.14
		1745.0	22.49	21.38	20.46
		1711.5	22.12	21.16	20.09
5MHz	1 RB high	1777.5	23.11	22.09	20.93
		1745.0	23.43	22.09	21.15
		1712.5	23.03	21.89	21.32
	1 RB low	1777.5	23.17	22.20	20.98
		1745.0	23.48	22.28	20.60
		1712.5	22.82	22.00	20.99
	50% RB mid	1777.5	22.35	21.16	20.13
		1745.0	22.55	21.55	20.50
		1712.5	22.18	21.20	20.12
	100% RB	1777.5	22.29	21.42	20.32
		1745.0	22.47	21.62	20.15
		1712.5	22.24	21.05	20.13
10MHz	1 RB high	1775.0	23.30	22.00	21.02



Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
		1745.0	23.48	22.35	21.64
		1715.0	23.35	22.12	21.06
		1775.0	23.44	22.06	21.54
	1 RB low	1745.0	23.60	22.32	21.38
		1715.0	23.17	22.18	21.09
		1775.0	22.37	21.20	20.39
	50% RB mid	1745.0	22.56	21.32	20.59
		1715.0	22.20	21.23	20.21
		1775.0	22.34	21.38	20.15
	100% RB	1745.0	22.59	21.51	20.49
		1715.0	22.21	21.24	20.00
		1775.0	23.14	22.08	21.34
15MHz	1 RB high	1745.0	23.27	22.23	21.64
		1717.5	23.29	22.14	21.09
		1772.5	23.37	22.36	21.63
	1 RB low	1745.0	23.45	22.18	21.35
		1717.5	23.26	21.96	21.13
		1772.5	22.29	21.24	20.26
	50% RB mid	1745.0	22.53	21.41	20.40
		1717.5	22.25	21.19	20.27
		1772.5	22.33	21.35	20.44
	100% RB	1745.0	22.54	21.38	20.43
		1717.5	22.24	21.31	20.10
		1770.0	23.33	22.07	21.19
20MHz	1 RB high	1745.0	23.52	22.23	21.65
		1720.0	23.34	21.90	21.05
		1770.0	23.67	22.38	21.33
	1 RB low	1745.0	23.60	22.41	21.36
		1720.0	23.30	21.90	20.95
		1770.0	22.53	21.31	20.11
	50% RB mid	1745.0	22.68	21.45	20.30
		1720.0	22.40	21.19	20.19
		1770.0	22.50	21.29	20.14
	100% RB	1745.0	22.69	21.35	20.35
		1720.0	22.44	21.13	20.19

Note: Expanded measurement uncertainty is U = 0.49dB, k = 1.96

A.1.3 Radiated

A.1.3.1 Description

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

Rule Part 24.232(b) specifies, "Mobile/portable stations are limited to 2 watts e.i.r.p. Peak power" and 24.232(c) specifies that "Peak transmit power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage."

Rule Part 27.50(d) specifies "Fixed, mobile, and portable (handheld) stations operating in the 1710–1755 MHz band are limited to 1 watt EIRP".

Rule Part 27.50(h)(2) specifies "Mobile stations are limited to 2.0 watts EIRP".

Rule Part 27.50(c) specifies "Portable stations (hand-held de-vices) are limited to 3 watts ERP".

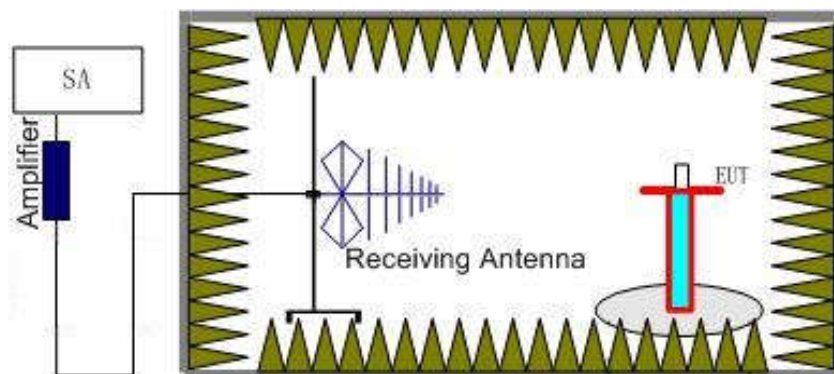
Rule Part 27.50(a)(3) specifies "For mobile and portable stations transmitting in the 2305–2315 MHz band or the 2350–2360 MHz band, the average EIRP must not exceed 50 milliwatts within any 1 megahertz of authorized bandwidth, except that for mobile and portable stations compliant with 3GPP LTE standards or another advanced mobile broadband protocol that avoids concentrating energy at the edge of the operating band the average EIRP must not exceed 250 milliwatts within any 5 megahertz of authorized bandwidth but may exceed 50 milliwatts within any 1 megahertz of authorized bandwidth."

Rule Part 22.913(a) specifies "The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts."

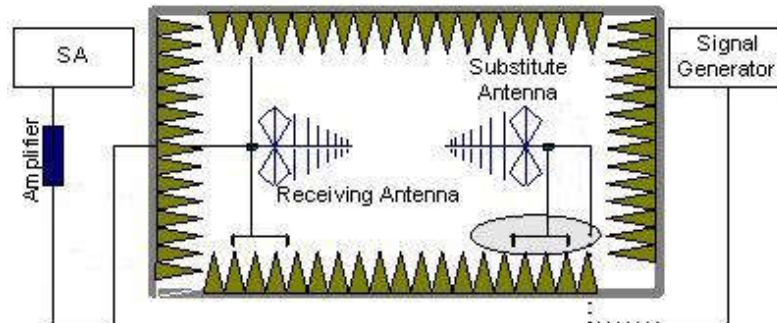
Rule Part 90.542 specifies "Portable stations (hand-held devices) transmitting in the 758-768 MHz band and the 788-798 MHz band are limited to 3 watts ERP."

A.1.3.2 Method of Measurement

1. For radiated emissions measurements performed at frequencies less than or equal to 1 GHz, EUT was placed on a 80 cm high non-conductive stand at a 3 meter test distance from the receive antenna. For radiated measurements performed at frequencies above 1 GHz, EUT was placed on a 1.5 meter high non-conductive stand at a 3 meter test distance from the receive antenna. Receiving antenna was placed on the antenna mast 3 meters from the EUT. For emission measurements. The receiving antenna shall be varied from 1 m to 4 m in height above the reference ground in a search for the relative positioning that produces the maximum radiated signal level. The test setup refers to figure below. Detected emissions were maximized at each frequency by rotating the EUT through 360° and adjusting the receiving antenna polarization. The radiated emission measurements of all transmit frequencies in three channels (High, Middle, Low) were measured with peak detector.



2. The EUT is then put into continuously transmitting mode at its maximum power level during the test. And the maximum value of the receiver should be recorded as (P_r).
3. The EUT shall be replaced by a substitution antenna. The test setup refers to figure below.



In the chamber, a substitution antenna for the frequency band of interest is placed at the reference point of the chamber. An RF signal source for the frequency band of interest is connected to the substitution antenna with a cable that has been constructed to not interfere with the radiation pattern of the antenna. A power (P_{Mea}) is applied to the input of the substitution antenna and adjusts the level of the signal generator output until the value of the receiver reaches the previously recorded (P_r). The power of signal source (P_{Mea}) is recorded. The test should be performed by rotating the test item and adjusting the receiving antenna polarization.

4. An amplifier should be connected to the Signal Source output port. And the cable should be connected between the amplifier and the substitution antenna. The cable loss (P_{cl}), the substitution Antenna Gain(dBi) (G_a) and the amplifier Gain (P_{Ag}) should be recorded after test.

The measurement results are obtained as described below:

$$\text{Power (EIRP)} = P_{Mea} - P_{Ag} - P_{cl} + G_a$$

5. This value is EIRP since the measurement is calibrated using an antenna of known gain (unit dBi) and known input power.
6. ERP can be calculated from EIRP by subtracting the gain of the dipole, $ERP = EIRP - 2.15\text{dB}$.

A.1.3.3 Measurement result

Upper antenna

LTE Band 2- EIRP Part 24. 232(c)

Limits: ≤33dBm (2W)

LTE Band 2_1.4MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1850.70	-16.79	-29.30	8.10	20.61	33.00	H
1880.00	-16.85	-29.40	8.10	20.65	33.00	H
1909.30	-16.91	-29.30	8.10	20.49	33.00	H

LTE Band 2_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1851.50	-16.82	-29.30	8.10	20.58	33.00	H
1880.00	-16.90	-29.40	8.10	20.60	33.00	H
1908.50	-16.93	-29.30	8.10	20.47	33.00	H

LTE Band 2_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1852.50	-16.85	-29.30	8.10	20.55	33.00	H
1880.00	-16.94	-29.40	8.10	20.56	33.00	H
1907.50	-16.95	-29.30	8.10	20.45	33.00	H

LTE Band 2_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1855.00	-16.91	-29.30	8.10	20.49	33.00	H
1880.00	-16.99	-29.40	8.10	20.51	33.00	H
1905.00	-16.99	-29.30	8.10	20.41	33.00	H

LTE Band 2_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1857.50	-16.94	-29.30	8.10	20.46	33.00	H
1880.00	-17.02	-29.40	8.10	20.48	33.00	H
1902.50	-17.01	-29.30	8.10	20.39	33.00	H

LTE Band 2_20MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1860.00	-16.98	-29.30	8.10	20.42	33.00	H
1880.00	-17.05	-29.40	8.10	20.45	33.00	H
1900.00	-17.04	-29.30	8.10	20.36	33.00	H

LTE Band 2_1.4MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1850.70	-17.71	-29.30	8.10	19.69	33.00	H
1880.00	-17.79	-29.40	8.10	19.71	33.00	H
1909.30	-17.81	-29.30	8.10	19.59	33.00	H

LTE Band 2_3MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1851.50	-17.74	-29.30	8.10	19.66	33.00	H
1880.00	-17.82	-29.40	8.10	19.68	33.00	H
1908.50	-17.85	-29.30	8.10	19.55	33.00	H

LTE Band 2_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1852.50	-17.78	-29.30	8.10	19.62	33.00	H
1880.00	-17.85	-29.40	8.10	19.65	33.00	H
1907.50	-17.89	-29.30	8.10	19.51	33.00	H

LTE Band 2_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1855.00	-17.81	-29.30	8.10	19.59	33.00	H
1880.00	-17.87	-29.40	8.10	19.63	33.00	H
1905.00	-17.92	-29.30	8.10	19.48	33.00	H

LTE Band 2_15MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1857.50	-17.85	-29.30	8.10	19.55	33.00	H
1880.00	-17.92	-29.40	8.10	19.58	33.00	H
1902.50	-17.95	-29.30	8.10	19.45	33.00	H

LTE Band 2_20MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1860.00	-17.89	-29.30	8.10	19.51	33.00	H
1880.00	-17.94	-29.40	8.10	19.56	33.00	H
1900.00	-18.00	-29.30	8.10	19.40	33.00	H

LTE Band 2_1.4MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1850.70	-18.52	-29.30	8.10	18.88	33.00	H
1880.00	-18.49	-29.40	8.10	19.01	33.00	H
1909.30	-18.61	-29.30	8.10	18.79	33.00	H

LTE Band 2_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1851.50	-18.55	-29.30	8.10	18.85	33.00	H
1880.00	-18.51	-29.40	8.10	18.99	33.00	H
1908.50	-18.64	-29.30	8.10	18.76	33.00	H

LTE Band 2_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1852.50	-18.59	-29.30	8.10	18.81	33.00	H
1880.00	-18.54	-29.40	8.10	18.96	33.00	H
1907.50	-18.68	-29.30	8.10	18.72	33.00	H

LTE Band 2_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1855.00	-18.62	-29.30	8.10	18.78	33.00	H
1880.00	-18.58	-29.40	8.10	18.92	33.00	H
1905.00	-18.72	-29.30	8.10	18.68	33.00	H

LTE Band 2_15MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1857.50	-18.65	-29.30	8.10	18.75	33.00	H
1880.00	-18.61	-29.40	8.10	18.89	33.00	H
1902.50	-18.75	-29.30	8.10	18.65	33.00	H

LTE Band 2_20MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1860.00	-18.66	-29.30	8.10	18.74	33.00	H
1880.00	-18.64	-29.40	8.10	18.86	33.00	H
1900.00	-18.77	-29.30	8.10	18.63	33.00	H

**LTE Band 4- EIRP Part 27.50(d)(4)**

Limits: ≤30dBm (1W)

LTE Band 4_1.4MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-16.34	-29.60	8.10	21.36	30.00	H
1732.50	-16.12	-29.60	8.10	21.58	30.00	H
1754.30	-16.14	-29.50	8.10	21.46	30.00	H

LTE Band 4_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-16.36	-29.60	8.10	21.34	30.00	H
1732.50	-16.14	-29.60	8.10	21.56	30.00	H
1753.50	-16.16	-29.50	8.10	21.44	30.00	H

LTE Band 4_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-16.37	-29.60	8.10	21.33	30.00	H
1732.50	-16.18	-29.60	8.10	21.52	30.00	H
1752.50	-16.21	-29.50	8.10	21.39	30.00	H

LTE Band 4_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-16.39	-29.60	8.10	21.31	30.00	H
1732.50	-16.25	-29.60	8.10	21.45	30.00	H
1750.00	-16.24	-29.50	8.10	21.36	30.00	H

LTE Band 4_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-16.41	-29.60	8.10	21.29	30.00	H
1732.50	-16.29	-29.60	8.10	21.41	30.00	H
1747.50	-16.27	-29.50	8.10	21.33	30.00	H

LTE Band 4_20MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-16.44	-29.60	8.10	21.26	30.00	H
1732.50	-16.31	-29.60	8.10	21.39	30.00	H
1745.00	-16.28	-29.50	8.10	21.32	30.00	H

LTE Band 4_1.4MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-17.19	-29.60	8.10	20.51	30.00	H
1732.50	-17.06	-29.60	8.10	20.64	30.00	H
1754.30	-17.05	-29.50	8.10	20.55	30.00	H

LTE Band 4_3MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-17.22	-29.60	8.10	20.48	30.00	H
1732.50	-17.12	-29.60	8.10	20.58	30.00	H
1753.50	-17.07	-29.50	8.10	20.53	30.00	H

LTE Band 4_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-17.25	-29.60	8.10	20.45	30.00	H
1732.50	-17.14	-29.60	8.10	20.56	30.00	H
1752.50	-17.10	-29.50	8.10	20.50	30.00	H

LTE Band 4_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-17.27	-29.60	8.10	20.43	30.00	H
1732.50	-17.18	-29.60	8.10	20.52	30.00	H
1750.00	-17.13	-29.50	8.10	20.47	30.00	H

LTE Band 4_15MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-17.30	-29.60	8.10	20.40	30.00	H
1732.50	-17.23	-29.60	8.10	20.47	30.00	H
1747.50	-17.15	-29.50	8.10	20.45	30.00	H

LTE Band 4_20MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-17.34	-29.60	8.10	20.36	30.00	H
1732.50	-17.27	-29.60	8.10	20.43	30.00	H
1745.00	-17.20	-29.50	8.10	20.40	30.00	H

LTE Band 4_1.4MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-18.04	-29.60	8.10	19.66	30.00	H
1732.50	-17.89	-29.60	8.10	19.81	30.00	H
1754.30	-17.84	-29.50	8.10	19.76	30.00	H

LTE Band 4_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-18.07	-29.60	8.10	19.63	30.00	H
1732.50	-17.91	-29.60	8.10	19.79	30.00	H
1753.50	-17.87	-29.50	8.10	19.73	30.00	H

LTE Band 4_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-18.14	-29.60	8.10	19.56	30.00	H
1732.50	-17.92	-29.60	8.10	19.78	30.00	H
1752.50	-17.92	-29.50	8.10	19.68	30.00	H

LTE Band 4_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-18.16	-29.60	8.10	19.54	30.00	H
1732.50	-17.95	-29.60	8.10	19.75	30.00	H
1750.00	-17.94	-29.50	8.10	19.66	30.00	H

LTE Band 4_15MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-18.20	-29.60	8.10	19.50	30.00	H
1732.50	-18.01	-29.60	8.10	19.69	30.00	H
1747.50	-17.98	-29.50	8.10	19.62	30.00	H

LTE Band 4_20MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-18.24	-29.60	8.10	19.46	30.00	H
1732.50	-18.04	-29.60	8.10	19.66	30.00	H
1745.00	-18.02	-29.50	8.10	19.58	30.00	H

**LTE Band 5- ERP Part 22.913(a)****Limits:** ≤38.45dBm (7W)**LTE Band 5_1.4MHz_QPSK**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-9.68	-33.60	-0.79	2.15	20.98	38.45	V
836.50	-9.95	-33.50	-0.74	2.15	20.66	38.45	V
848.30	-9.74	-33.50	-0.73	2.15	20.88	38.45	V

LTE Band 5_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-9.65	-33.60	-0.84	2.15	20.96	38.45	V
836.50	-9.96	-33.50	-0.74	2.15	20.65	38.45	V
847.50	-9.77	-33.50	-0.73	2.15	20.85	38.45	V

LTE Band 5_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-9.68	-33.60	-0.84	2.15	20.93	38.45	V
836.50	-9.98	-33.50	-0.74	2.15	20.63	38.45	V
846.50	-9.81	-33.50	-0.73	2.15	20.81	38.45	V

LTE Band 5_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-9.71	-33.60	-0.84	2.15	20.90	38.45	V
836.50	-10.01	-33.50	-0.74	2.15	20.60	38.45	V
844.00	-9.80	-33.50	-0.78	2.15	20.77	38.45	V

**LTE Band 5_1.4MHz_16QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-10.52	-33.60	-0.79	2.15	20.14	38.45	V
836.50	-10.72	-33.50	-0.74	2.15	19.89	38.45	V
848.30	-10.60	-33.50	-0.73	2.15	20.02	38.45	V

LTE Band 5_3MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-10.51	-33.60	-0.84	2.15	20.10	38.45	V
836.50	-10.75	-33.50	-0.74	2.15	19.86	38.45	V
847.50	-10.64	-33.50	-0.73	2.15	19.98	38.45	V

LTE Band 5_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-10.55	-33.60	-0.84	2.15	20.06	38.45	V
836.50	-10.77	-33.50	-0.74	2.15	19.84	38.45	V
846.50	-10.66	-33.50	-0.73	2.15	19.96	38.45	V

LTE Band 5_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-10.59	-33.60	-0.84	2.15	20.02	38.45	V
836.50	-10.80	-33.50	-0.74	2.15	19.81	38.45	V
844.00	-10.63	-33.50	-0.78	2.15	19.94	38.45	V

**LTE Band 5_1.4MHz_64QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-11.44	-33.60	-0.79	2.15	19.22	38.45	V
836.50	-11.60	-33.50	-0.74	2.15	19.01	38.45	V
848.30	-11.46	-33.50	-0.73	2.15	19.16	38.45	V

LTE Band 5_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-11.41	-33.60	-0.84	2.15	19.20	38.45	V
836.50	-11.64	-33.50	-0.74	2.15	18.97	38.45	V
847.50	-11.51	-33.50	-0.73	2.15	19.11	38.45	V

LTE Band 5_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-11.45	-33.60	-0.84	2.15	19.16	38.45	V
836.50	-11.68	-33.50	-0.74	2.15	18.93	38.45	V
846.50	-11.57	-33.50	-0.73	2.15	19.05	38.45	V

LTE Band 5_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-11.50	-33.60	-0.84	2.15	19.11	38.45	V
836.50	-11.71	-33.50	-0.74	2.15	18.90	38.45	V
844.00	-11.56	-33.50	-0.78	2.15	19.01	38.45	V

**LTE Band 7- EIRP Part 27.50(h)(2)**

Limits: ≤33 dBm (2W)

LTE Band 7_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2502.50	-18.96	-28.70	10.70	20.44	33.00	H
2535.00	-18.71	-28.60	10.70	20.59	33.00	H
2567.50	-18.63	-28.60	10.70	20.67	33.00	H

LTE Band 7_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2505.00	-19.00	-28.70	10.70	20.40	33.00	H
2535.00	-18.74	-28.60	10.70	20.56	33.00	H
2565.00	-18.67	-28.60	10.70	20.63	33.00	H

LTE Band 7_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	-19.04	-28.70	10.70	20.36	33.00	H
2535.00	-18.77	-28.60	10.70	20.53	33.00	H
2562.50	-18.71	-28.60	10.70	20.59	33.00	H

LTE Band 7_20MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	-19.06	-28.70	10.70	20.34	33.00	H
2535.00	-18.80	-28.60	10.70	20.50	33.00	H
2560.00	-18.74	-28.60	10.70	20.56	33.00	H

**LTE Band 7_5MHz_16QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2502.50	-19.78	-28.70	10.70	19.62	33.00	H
2535.00	-19.59	-28.60	10.70	19.71	33.00	H
2567.50	-19.48	-28.60	10.70	19.82	33.00	H

LTE Band 7_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2505.00	-19.82	-28.70	10.70	19.58	33.00	H
2535.00	-19.63	-28.60	10.70	19.67	33.00	H
2565.00	-19.51	-28.60	10.70	19.79	33.00	H

LTE Band 7_15MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	-19.85	-28.70	10.70	19.55	33.00	H
2535.00	-19.67	-28.60	10.70	19.63	33.00	H
2562.50	-19.55	-28.60	10.70	19.75	33.00	H

LTE Band 7_20MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	-19.87	-28.70	10.70	19.53	33.00	H
2535.00	-19.70	-28.60	10.70	19.60	33.00	H
2560.00	-19.59	-28.60	10.70	19.71	33.00	H

LTE Band 7_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2502.50	-20.61	-28.70	10.70	18.79	33.00	H
2535.00	-20.41	-28.60	10.70	18.89	33.00	H
2567.50	-20.29	-28.60	10.70	19.01	33.00	H

LTE Band 7_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2505.00	-20.65	-28.70	10.70	18.75	33.00	H
2535.00	-20.44	-28.60	10.70	18.86	33.00	H
2565.00	-20.32	-28.60	10.70	18.98	33.00	H

LTE Band 7_15MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	-20.70	-28.70	10.70	18.70	33.00	H
2535.00	-20.48	-28.60	10.70	18.82	33.00	H
2562.50	-20.35	-28.60	10.70	18.95	33.00	H

LTE Band 7_20MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	-20.75	-28.70	10.70	18.65	33.00	H
2535.00	-20.52	-28.60	10.70	18.78	33.00	H
2560.00	-20.40	-28.60	10.70	18.90	33.00	H

**LTE Band 12 - ERP Part 27.50(c)(10)****Limits:** ≤34.77dBm (3W)**LTE Band 12_1.4MHz_QPSK**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
699.70	-10.18	-34.80	-0.93	2.15	21.54	34.77	V
707.50	-9.89	-34.70	-0.91	2.15	21.75	34.77	V
715.30	-9.92	-34.70	-0.68	2.15	21.94	34.77	V

LTE Band 12_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
700.50	-10.18	-34.80	-0.97	2.15	21.50	34.77	V
707.50	-9.92	-34.70	-0.91	2.15	21.72	34.77	V
714.50	-9.99	-34.70	-0.64	2.15	21.92	34.77	V

LTE Band 12_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
701.50	-10.21	-34.80	-0.97	2.15	21.47	34.77	V
707.50	-9.95	-34.70	-0.91	2.15	21.69	34.77	V
713.50	-10.03	-34.70	-0.64	2.15	21.88	34.77	V

LTE Band 12_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
704.00	-10.24	-34.80	-0.97	2.15	21.44	34.77	V
707.50	-9.98	-34.70	-0.91	2.15	21.66	34.77	V
711.00	-10.05	-34.70	-0.64	2.15	21.86	34.77	V

**LTE Band 12_1.4MHz_16QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
699.70	-10.98	-34.80	-0.93	2.15	20.74	34.77	V
707.50	-10.68	-34.70	-0.91	2.15	20.96	34.77	V
715.30	-11.66	-34.70	-0.68	2.15	20.21	34.77	V

LTE Band 12_3MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
700.50	-10.97	-34.80	-0.97	2.15	20.71	34.77	V
707.50	-10.71	-34.70	-0.91	2.15	20.93	34.77	V
714.50	-11.74	-34.70	-0.64	2.15	20.17	34.77	V

LTE Band 12_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
701.50	-11.01	-34.80	-0.97	2.15	20.67	34.77	V
707.50	-10.74	-34.70	-0.91	2.15	20.90	34.77	V
713.50	-11.77	-34.70	-0.64	2.15	20.14	34.77	V

LTE Band 12_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
704.00	-11.04	-34.80	-0.97	2.15	20.64	34.77	V
707.50	-10.78	-34.70	-0.91	2.15	20.86	34.77	V
711.00	-11.81	-34.70	-0.64	2.15	20.10	34.77	V

**LTE Band 12_1.4MHz_64QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
699.70	-12.79	-34.80	-0.93	2.15	18.93	34.77	V
707.50	-12.48	-34.70	-0.91	2.15	19.16	34.77	V
715.30	-12.52	-34.70	-0.68	2.15	19.35	34.77	V

LTE Band 12_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
700.50	-12.78	-34.80	-0.97	2.15	18.90	34.77	V
707.50	-12.52	-34.70	-0.91	2.15	19.12	34.77	V
714.50	-12.60	-34.70	-0.64	2.15	19.31	34.77	V

LTE Band 12_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
701.50	-12.80	-34.80	-0.97	2.15	18.88	34.77	V
707.50	-12.55	-34.70	-0.91	2.15	19.09	34.77	V
713.50	-12.64	-34.70	-0.64	2.15	19.27	34.77	V

LTE Band 12_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
704.00	-12.83	-34.80	-0.97	2.15	18.85	34.77	V
707.50	-12.61	-34.70	-0.91	2.15	19.03	34.77	V
711.00	-12.66	-34.70	-0.64	2.15	19.25	34.77	V

**LTE Band 13- ERP Part 27.50(b)(10)**

Limits: ≤34.77dBm (3W)

LTE Band 13_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
779.50	-10.47	-34.00	-0.08	2.15	21.30	34.77	V
782.00	-10.25	-34.00	-0.13	2.15	21.47	34.77	V
784.50	-10.18	-34.00	-0.13	2.15	21.54	34.77	V

LTE Band 13_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
782.00	-10.34	-34.00	-0.13	2.15	21.38	34.77	V

LTE Band 13_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
779.50	-11.23	-34.00	-0.08	2.15	20.54	34.77	V
782.00	-11.06	-34.00	-0.13	2.15	20.66	34.77	V
784.50	-11.03	-34.00	-0.13	2.15	20.69	34.77	V

LTE Band 13_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
782.00	-11.09	-34.00	-0.13	2.15	20.63	34.77	V

LTE Band 13_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
779.50	-12.12	-34.00	-0.08	2.15	19.65	34.77	V
782.00	-11.98	-34.00	-0.13	2.15	19.74	34.77	V
784.50	-11.86	-34.00	-0.13	2.15	19.86	34.77	V

LTE Band 13_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
782.00	-12.32	-34.00	-0.13	2.15	19.40	34.77	V

**LTE Band 17- ERP 27.50(c)(10)****Limits:** ≤34.77dBm (3W)**LTE Band 17_5MHz_QPSK**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
706.50	-10.01	-34.70	-0.91	2.15	21.63	34.77	V
710.00	-10.09	-34.70	-0.64	2.15	21.82	34.77	V
713.50	-10.23	-34.70	-0.64	2.15	21.68	34.77	V

LTE Band 17_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
709.00	-10.04	-34.70	-0.91	2.15	21.60	34.77	V
710.00	-10.19	-34.70	-0.64	2.15	21.72	34.77	V
711.00	-10.26	-34.70	-0.64	2.15	21.65	34.77	V

LTE Band 17_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
706.50	-10.85	-34.70	-0.91	2.15	20.79	34.77	V
710.00	-10.95	-34.70	-0.64	2.15	20.96	34.77	V
713.50	-11.05	-34.70	-0.64	2.15	20.86	34.77	V

LTE Band 17_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
709.00	-10.89	-34.70	-0.91	2.15	20.75	34.77	V
710.00	-11.01	-34.70	-0.64	2.15	20.90	34.77	V
711.00	-11.09	-34.70	-0.64	2.15	20.82	34.77	V

LTE Band 17_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
706.50	-12.68	-34.70	-0.91	2.15	18.96	34.77	V
710.00	-12.76	-34.70	-0.64	2.15	19.15	34.77	V
713.50	-12.88	-34.70	-0.64	2.15	19.03	34.77	V

LTE Band 17_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
709.00	-12.70	-34.70	-0.91	2.15	18.94	34.77	V
710.00	-12.81	-34.70	-0.64	2.15	19.10	34.77	V
711.00	-12.90	-34.70	-0.64	2.15	19.01	34.77	V

**LTE band 26(824MHz-849MHz)- ERP Part 22.913(a)****Limits:** ≤38.45dBm (7W)**LTE Band 26(824MHz-849MHz)_1.4MHz_QPSK**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-9.90	-33.60	-0.79	2.15	20.76	38.45	H
836.50	-10.04	-33.50	-0.74	2.15	20.58	38.45	H
848.30	-9.89	-33.50	-0.73	2.15	20.73	38.45	H

LTE Band 26(824MHz-849MHz)_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-9.92	-33.60	-0.79	2.15	20.74	38.45	H
836.50	-10.06	-33.50	-0.74	2.15	20.55	38.45	H
847.50	-9.92	-33.50	-0.73	2.15	20.70	38.45	H

LTE Band 26(824MHz-849MHz)_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-9.95	-33.60	-0.79	2.15	20.71	38.45	H
836.50	-10.10	-33.50	-0.74	2.15	20.51	38.45	H
846.50	-9.97	-33.50	-0.73	2.15	20.65	38.45	H

LTE Band 26(824MHz-849MHz)_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-9.99	-33.60	-0.79	2.15	20.67	38.45	H
836.50	-10.13	-33.50	-0.74	2.15	20.48	38.45	H
844.00	-10.00	-33.50	-0.73	2.15	20.62	38.45	H

LTE Band 26(824MHz-849MHz)_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
831.50	-10.01	-33.60	-0.79	2.15	20.65	38.45	H
836.50	-10.14	-33.50	-0.74	2.15	20.47	38.45	H
841.50	-10.04	-33.50	-0.73	2.15	20.58	38.45	H

LTE Band 26(824MHz-849MHz)_1.4MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-10.77	-33.60	-0.79	2.15	19.89	38.45	H
836.50	-10.96	-33.50	-0.74	2.15	19.65	38.45	H
848.30	-10.79	-33.50	-0.73	2.15	19.83	38.45	H

LTE Band 26(824MHz-849MHz)_3MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-10.81	-33.60	-0.79	2.15	19.85	38.45	H
836.50	-10.98	-33.50	-0.74	2.15	19.63	38.45	H
847.50	-10.82	-33.50	-0.73	2.15	19.80	38.45	H

LTE Band 26(824MHz-849MHz)_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-10.85	-33.60	-0.79	2.15	19.81	38.45	H
836.50	-11.01	-33.50	-0.74	2.15	19.60	38.45	H
846.50	-10.87	-33.50	-0.73	2.15	19.75	38.45	H

LTE Band 26(824MHz-849MHz)_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-10.89	-33.60	-0.79	2.15	19.77	38.45	H
836.50	-11.05	-33.50	-0.74	2.15	19.56	38.45	H
844.00	-10.91	-33.50	-0.73	2.15	19.71	38.45	H

LTE Band 26(824MHz-849MHz)_15MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
831.50	-10.91	-33.60	-0.79	2.15	19.75	38.45	H
836.50	-11.07	-33.50	-0.74	2.15	19.54	38.45	H
841.50	-10.94	-33.50	-0.73	2.15	19.68	38.45	H

LTE Band 26(824MHz-849MHz)_1.4MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-11.70	-33.60	-0.79	2.15	18.96	38.45	H
836.50	-11.82	-33.50	-0.74	2.15	18.79	38.45	H
848.30	-11.71	-33.50	-0.73	2.15	18.91	38.45	H

LTE Band 26(824MHz-849MHz)_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-11.73	-33.60	-0.79	2.15	18.93	38.45	H
836.50	-11.86	-33.50	-0.74	2.15	18.75	38.45	H
847.50	-11.74	-33.50	-0.73	2.15	18.88	38.45	H

LTE Band 26(824MHz-849MHz)_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-11.76	-33.60	-0.79	2.15	18.90	38.45	H
836.50	-11.89	-33.50	-0.74	2.15	18.72	38.45	H
846.50	-11.77	-33.50	-0.73	2.15	18.85	38.45	H

LTE Band 26(824MHz-849MHz)_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-11.79	-33.60	-0.79	2.15	18.87	38.45	H
836.50	-11.92	-33.50	-0.74	2.15	18.69	38.45	H
844.00	-11.80	-33.50	-0.73	2.15	18.82	38.45	H

LTE Band 26(824MHz-849MHz)_15MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
831.50	-11.82	-33.60	-0.79	2.15	18.84	38.45	H
836.50	-11.96	-33.50	-0.74	2.15	18.65	38.45	H
841.50	-11.82	-33.50	-0.73	2.15	18.80	38.45	H

**LTE band 26(814MHz-824MHz)-ERP Part 90.635(b)****Limits:** ≤50.00dBm (100W)**LTE Band 26(814MHz-824MHz)_1.4MHz_QPSK**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
814.70	-10.07	-33.70	-0.80	2.15	20.68	50.00	H
819.00	-10.16	-33.60	-0.75	2.15	20.55	50.00	H
823.30	-9.82	-33.60	-0.79	2.15	20.84	50.00	H

LTE Band 26(814MHz-824MHz)_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
815.50	-10.11	-33.70	-0.80	2.15	20.64	50.00	H
819.00	-10.18	-33.60	-0.75	2.15	20.52	50.00	H
822.50	-9.86	-33.60	-0.79	2.15	20.80	50.00	H

LTE Band 26(814MHz-824MHz)_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
816.50	-10.15	-33.70	-0.80	2.15	20.60	50.00	H
819.00	-10.16	-33.60	-0.75	2.15	20.54	50.00	H
821.50	-9.92	-33.60	-0.79	2.15	20.74	50.00	H

LTE Band 26(814MHz-824MHz)_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
819.00	-10.07	-33.60	-0.80	2.15	20.58	50.00	H
819.00	-10.12	-33.60	-0.75	2.15	20.58	50.00	H
819.00	-10.08	-33.60	-0.79	2.15	20.58	50.00	H

**LTE Band 26(814MHz-824MHz)_1.4MHz_16QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
814.70	-10.97	-33.70	-0.80	2.15	19.78	50.00	H
819.00	-11.06	-33.60	-0.75	2.15	19.64	50.00	H
823.30	-10.82	-33.60	-0.79	2.15	19.84	50.00	H

LTE Band 26(814MHz-824MHz)_3MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
815.50	-11.01	-33.70	-0.80	2.15	19.74	50.00	H
819.00	-11.05	-33.60	-0.75	2.15	19.65	50.00	H
822.50	-10.86	-33.60	-0.79	2.15	19.80	50.00	H

LTE Band 26(814MHz-824MHz)_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
816.50	-11.05	-33.70	-0.80	2.15	19.70	50.00	H
819.00	-11.04	-33.60	-0.75	2.15	19.66	50.00	H
821.50	-10.91	-33.60	-0.79	2.15	19.75	50.00	H

LTE Band 26(814MHz-824MHz)_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
819.00	-10.97	-33.60	-0.80	2.15	19.68	50.00	H
819.00	-11.02	-33.60	-0.75	2.15	19.68	50.00	H
819.00	-10.98	-33.60	-0.79	2.15	19.68	50.00	H

LTE Band 26(814MHz-824MHz)_1.4MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
814.70	-11.87	-33.70	-0.80	2.15	18.88	50.00	H
819.00	-11.95	-33.60	-0.75	2.15	18.75	50.00	H
823.30	-11.73	-33.60	-0.79	2.15	18.93	50.00	H

LTE Band 26(814MHz-824MHz)_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
815.50	-11.94	-33.70	-0.80	2.15	18.81	50.00	H
819.00	-11.96	-33.60	-0.75	2.15	18.74	50.00	H
822.50	-11.76	-33.60	-0.79	2.15	18.90	50.00	H

LTE Band 26(814MHz-824MHz)_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
816.50	-11.98	-33.70	-0.80	2.15	18.77	50.00	H
819.00	-11.94	-33.60	-0.75	2.15	18.76	50.00	H
821.50	-11.82	-33.60	-0.79	2.15	18.84	50.00	H

LTE Band 26(814MHz-824MHz)_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
819.00	-11.87	-33.60	-0.80	2.15	18.78	50.00	H
819.00	-11.92	-33.60	-0.75	2.15	18.78	50.00	H
819.00	-11.88	-33.60	-0.79	2.15	18.78	50.00	H

**LTE Band 38 - EIRP Part 27.50(h)(2)**

Limits: ≤33dBm (2W)

LTE Band 38_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2572.50	-17.84	-28.60	10.70	21.46	33.00	H
2595.00	-17.89	-28.60	10.70	21.41	33.00	H
2617.50	-17.68	-28.60	10.70	21.62	33.00	H

LTE Band 38_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2575.00	-17.87	-28.60	10.70	21.43	33.00	H
2595.00	-17.91	-28.60	10.70	21.39	33.00	H
2615.00	-17.70	-28.60	10.70	21.60	33.00	H

LTE Band 38_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2577.50	-17.89	-28.60	10.70	21.41	33.00	H
2595.00	-17.94	-28.60	10.70	21.36	33.00	H
2612.50	-17.74	-28.60	10.70	21.56	33.00	H

LTE Band 38_20MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2580.00	-17.91	-28.60	10.70	21.39	33.00	H
2595.00	-17.97	-28.60	10.70	21.33	33.00	H
2610.00	-17.77	-28.60	10.70	21.53	33.00	H

**LTE Band 38_5MHz_16QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2572.50	-18.71	-28.60	10.70	20.59	33.00	H
2595.00	-18.74	-28.60	10.70	20.56	33.00	H
2617.50	-18.57	-28.60	10.70	20.73	33.00	H

LTE Band 38_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2575.00	-18.73	-28.60	10.70	20.57	33.00	H
2595.00	-18.79	-28.60	10.70	20.51	33.00	H
2615.00	-18.60	-28.60	10.70	20.70	33.00	H

LTE Band 38_15MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2577.50	-18.76	-28.60	10.70	20.54	33.00	H
2595.00	-18.83	-28.60	10.70	20.47	33.00	H
2612.50	-18.64	-28.60	10.70	20.66	33.00	H

LTE Band 38_20MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2580.00	-18.80	-28.60	10.70	20.50	33.00	H
2595.00	-18.85	-28.60	10.70	20.45	33.00	H
2610.00	-18.68	-28.60	10.70	20.62	33.00	H

LTE Band 38_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2572.50	-19.55	-28.60	10.70	19.75	33.00	H
2595.00	-19.57	-28.60	10.70	19.73	33.00	H
2617.50	-19.43	-28.60	10.70	19.87	33.00	H

LTE Band 38_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2575.00	-19.58	-28.60	10.70	19.72	33.00	H
2595.00	-19.60	-28.60	10.70	19.70	33.00	H
2615.00	-19.47	-28.60	10.70	19.83	33.00	H

LTE Band 38_15MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2577.50	-19.61	-28.60	10.70	19.69	33.00	H
2595.00	-19.62	-28.60	10.70	19.68	33.00	H
2612.50	-19.53	-28.60	10.70	19.77	33.00	H

LTE Band 38_20MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2580.00	-19.65	-28.60	10.70	19.65	33.00	H
2595.00	-19.63	-28.60	10.70	19.67	33.00	H
2610.00	-19.54	-28.60	10.70	19.76	33.00	H

**LTE Band 41(2535MHz-2655MHz)- EIRP Part 27.50(d)(2)****Limits:** ≤33dBm (2W)**LTE Band 41_5MHz_QPSK**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2537.50	-17.94	-28.70	10.70	21.46	33.00	H
2595.00	-17.70	-28.60	10.70	21.60	33.00	H
2652.50	-17.76	-28.60	10.70	21.54	33.00	H

LTE Band 41_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2540.00	-17.97	-28.70	10.70	21.43	33.00	H
2595.00	-17.73	-28.60	10.70	21.57	33.00	H
2650.00	-17.79	-28.60	10.70	21.51	33.00	H

LTE Band 41_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2542.50	-18.00	-28.70	10.70	21.40	33.00	H
2595.00	-17.77	-28.60	10.70	21.53	33.00	H
2647.50	-17.81	-28.60	10.70	21.49	33.00	H

LTE Band 41_20MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2545.00	-18.03	-28.70	10.70	21.37	33.00	H
2595.00	-17.80	-28.60	10.70	21.50	33.00	H
2645.00	-17.84	-28.60	10.70	21.46	33.00	H

**LTE Band 41_5MHz_16QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2537.50	-18.80	-28.70	10.70	20.60	33.00	H
2595.00	-18.59	-28.60	10.70	20.71	33.00	H
2652.50	-18.64	-28.60	10.70	20.66	33.00	H

LTE Band 41_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2540.00	-18.83	-28.70	10.70	20.57	33.00	H
2595.00	-18.62	-28.60	10.70	20.68	33.00	H
2650.00	-18.67	-28.60	10.70	20.63	33.00	H

LTE Band 41_15MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2542.50	-18.85	-28.70	10.70	20.55	33.00	H
2595.00	-18.64	-28.60	10.70	20.66	33.00	H
2647.50	-18.71	-28.60	10.70	20.59	33.00	H

LTE Band 41_20MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2545.00	-18.89	-28.70	10.70	20.51	33.00	H
2595.00	-18.68	-28.60	10.70	20.62	33.00	H
2645.00	-18.74	-28.60	10.70	20.56	33.00	H

LTE Band 41_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2537.50	-19.69	-28.70	10.70	19.71	33.00	H
2595.00	-19.43	-28.60	10.70	19.87	33.00	H
2652.50	-19.50	-28.60	10.70	19.80	33.00	H

LTE Band 41_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2540.00	-19.73	-28.70	10.70	19.67	33.00	H
2595.00	-19.45	-28.60	10.70	19.85	33.00	H
2650.00	-19.53	-28.60	10.70	19.77	33.00	H

LTE Band 41_15MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2542.50	-19.75	-28.70	10.70	19.65	33.00	H
2595.00	-19.47	-28.60	10.70	19.83	33.00	H
2647.50	-19.56	-28.60	10.70	19.74	33.00	H

LTE Band 41_20MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2545.00	-19.77	-28.70	10.70	19.63	33.00	H
2595.00	-19.51	-28.60	10.70	19.79	33.00	H
2645.00	-19.60	-28.60	10.70	19.70	33.00	H

**LTE Band 66- EIRP Part 27.50(d)(4)**

Limits: ≤30dBm (1W)

LTE Band 66_1.4MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-16.29	-29.60	8.10	21.41	30.00	H
1745.00	-16.07	-29.50	8.10	21.53	30.00	H
1779.30	-16.02	-29.50	8.10	21.58	30.00	H

LTE Band 66_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-16.32	-29.60	8.10	21.38	30.00	H
1745.00	-16.14	-29.50	8.10	21.46	30.00	H
1778.50	-16.03	-29.50	8.10	21.57	30.00	H

LTE Band 66_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-16.34	-29.60	8.10	21.36	30.00	H
1745.00	-16.17	-29.50	8.10	21.43	30.00	H
1777.50	-16.06	-29.50	8.10	21.54	30.00	H

LTE Band 66_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-16.37	-29.60	8.10	21.33	30.00	H
1745.00	-16.20	-29.50	8.10	21.40	30.00	H
1775.00	-16.09	-29.50	8.10	21.51	30.00	H

LTE Band 66_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-16.39	-29.60	8.10	21.31	30.00	H
1745.00	-16.22	-29.50	8.10	21.38	30.00	H
1772.53	-16.12	-29.50	8.10	21.48	30.00	H

LTE Band 66_20MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-16.41	-29.60	8.10	21.29	30.00	H
1745.00	-16.26	-29.50	8.10	21.34	30.00	H
1770.00	-16.15	-29.50	8.10	21.45	30.00	H

LTE Band 66_1.4MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-17.20	-29.60	8.10	20.50	30.00	H
1745.00	-16.98	-29.50	8.10	20.62	30.00	H
1779.30	-16.89	-29.50	8.10	20.71	30.00	H

LTE Band 66_3MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-17.24	-29.60	8.10	20.46	30.00	H
1745.00	-17.00	-29.50	8.10	20.60	30.00	H
1778.50	-16.94	-29.50	8.10	20.66	30.00	H

LTE Band 66_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-17.27	-29.60	8.10	20.43	30.00	H
1745.00	-17.03	-29.50	8.10	20.57	30.00	H
1777.50	-16.96	-29.50	8.10	20.64	30.00	H

LTE Band 66_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-17.30	-29.60	8.10	20.40	30.00	H
1745.00	-17.05	-29.50	8.10	20.55	30.00	H
1775.00	-16.99	-29.50	8.10	20.61	30.00	H

LTE Band 66_15MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-17.34	-29.60	8.10	20.36	30.00	H
1745.00	-17.07	-29.50	8.10	20.53	30.00	H
1772.53	-17.03	-29.50	8.10	20.57	30.00	H

LTE Band 66_20MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-17.37	-29.60	8.10	20.33	30.00	H
1745.00	-17.10	-29.50	8.10	20.50	30.00	H
1770.00	-17.05	-29.50	8.10	20.55	30.00	H

LTE Band 66_1.4MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-18.05	-29.60	8.10	19.65	30.00	H
1745.00	-17.84	-29.50	8.10	19.76	30.00	H
1779.30	-17.76	-29.50	8.10	19.84	30.00	H

LTE Band 66_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-18.07	-29.60	8.10	19.63	30.00	H
1745.00	-17.88	-29.50	8.10	19.72	30.00	H
1778.50	-17.80	-29.50	8.10	19.80	30.00	H

LTE Band 66_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-18.11	-29.60	8.10	19.59	30.00	H
1745.00	-17.92	-29.50	8.10	19.68	30.00	H
1777.50	-17.84	-29.50	8.10	19.76	30.00	H

LTE Band 66_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-18.14	-29.60	8.10	19.56	30.00	H
1745.00	-17.95	-29.50	8.10	19.65	30.00	H
1775.00	-17.87	-29.50	8.10	19.73	30.00	H

LTE Band 66_15MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-18.17	-29.60	8.10	19.53	30.00	H
1745.00	-17.97	-29.50	8.10	19.63	30.00	H
1772.53	-17.90	-29.50	8.10	19.70	30.00	H

LTE Band 66_20MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-18.24	-29.60	8.10	19.46	30.00	H
1745.00	-18.01	-29.50	8.10	19.59	30.00	H
1770.00	-17.95	-29.50	8.10	19.65	30.00	H

**Lower antenna****LTE Band 2- EIRP Part 24. 232(c)**Limits: $\leq 33\text{dBm}$ (2W)**LTE Band 2_1.4MHz_QPSK**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1850.70	-16.79	-29.30	8.10	20.61	33.00	H
1880.00	-16.94	-29.40	8.10	20.56	33.00	H
1909.30	-16.86	-29.30	8.10	20.54	33.00	H

LTE Band 2_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1851.50	-16.83	-29.30	8.10	20.57	33.00	H
1880.00	-16.98	-29.40	8.10	20.52	33.00	H
1908.50	-16.91	-29.30	8.10	20.49	33.00	H

LTE Band 2_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1852.50	-16.85	-29.30	8.10	20.55	33.00	H
1880.00	-17.02	-29.40	8.10	20.48	33.00	H
1907.50	-16.95	-29.30	8.10	20.45	33.00	H

LTE Band 2_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1855.00	-16.86	-29.30	8.10	20.54	33.00	H
1880.00	-17.04	-29.40	8.10	20.46	33.00	H
1905.00	-16.98	-29.30	8.10	20.42	33.00	H

LTE Band 2_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1857.50	-16.90	-29.30	8.10	20.50	33.00	H
1880.00	-17.06	-29.40	8.10	20.44	33.00	H
1902.50	-17.03	-29.30	8.10	20.37	33.00	H

LTE Band 2_20MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1860.00	-16.93	-29.30	8.10	20.47	33.00	H
1880.00	-17.11	-29.40	8.10	20.39	33.00	H
1900.00	-17.06	-29.30	8.10	20.34	33.00	H

**LTE Band 2_1.4MHz_16QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1850.70	-17.71	-29.30	8.10	19.69	33.00	H
1880.00	-17.85	-29.40	8.10	19.65	33.00	H
1909.30	-17.81	-29.30	8.10	19.59	33.00	H

LTE Band 2_3MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1851.50	-17.73	-29.30	8.10	19.67	33.00	H
1880.00	-17.88	-29.40	8.10	19.62	33.00	H
1908.50	-17.84	-29.30	8.10	19.56	33.00	H

LTE Band 2_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1852.50	-17.77	-29.30	8.10	19.63	33.00	H
1880.00	-17.92	-29.40	8.10	19.58	33.00	H
1907.50	-17.86	-29.30	8.10	19.54	33.00	H

LTE Band 2_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1855.00	-17.83	-29.30	8.10	19.57	33.00	H
1880.00	-17.96	-29.40	8.10	19.54	33.00	H
1905.00	-17.92	-29.30	8.10	19.48	33.00	H

LTE Band 2_15MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1857.50	-17.88	-29.30	8.10	19.52	33.00	H
1880.00	-18.01	-29.40	8.10	19.49	33.00	H
1902.50	-17.95	-29.30	8.10	19.45	33.00	H

LTE Band 2_20MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1860.00	-17.90	-29.30	8.10	19.50	33.00	H
1880.00	-18.04	-29.40	8.10	19.46	33.00	H
1900.00	-17.97	-29.30	8.10	19.43	33.00	H

**LTE Band 2_1.4MHz_64QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1850.70	-18.64	-29.30	8.10	18.76	33.00	H
1880.00	-18.78	-29.40	8.10	18.72	33.00	H
1909.30	-18.74	-29.30	8.10	18.66	33.00	H

LTE Band 2_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1851.50	-18.67	-29.30	8.10	18.73	33.00	H
1880.00	-18.82	-29.40	8.10	18.68	33.00	H
1908.50	-18.78	-29.30	8.10	18.62	33.00	H

LTE Band 2_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1852.50	-18.70	-29.30	8.10	18.70	33.00	H
1880.00	-18.86	-29.40	8.10	18.64	33.00	H
1907.50	-18.82	-29.30	8.10	18.58	33.00	H

LTE Band 2_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1855.00	-18.74	-29.30	8.10	18.66	33.00	H
1880.00	-18.88	-29.40	8.10	18.62	33.00	H
1905.00	-18.85	-29.30	8.10	18.55	33.00	H

LTE Band 2_15MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1857.50	-18.77	-29.30	8.10	18.63	33.00	H
1880.00	-18.92	-29.40	8.10	18.58	33.00	H
1902.50	-18.88	-29.30	8.10	18.52	33.00	H

LTE Band 2_20MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1860.00	-18.80	-29.30	8.10	18.60	33.00	H
1880.00	-18.95	-29.40	8.10	18.55	33.00	H
1900.00	-18.92	-29.30	8.10	18.48	33.00	H

**LTE Band 4- EIRP Part 27.50(d)(4)**

Limits: ≤30dBm (1W)

LTE Band 4_1.4MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-16.20	-29.60	8.10	21.50	30.00	H
1732.50	-16.18	-29.60	8.10	21.52	30.00	H
1754.30	-16.30	-29.50	8.10	21.29	30.00	H

LTE Band 4_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-16.24	-29.60	8.10	21.46	30.00	H
1732.50	-16.21	-29.60	8.10	21.49	30.00	H
1753.50	-16.33	-29.50	8.10	21.27	30.00	H

LTE Band 4_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-16.27	-29.60	8.10	21.43	30.00	H
1732.50	-16.23	-29.60	8.10	21.47	30.00	H
1752.50	-16.35	-29.50	8.10	21.25	30.00	H

LTE Band 4_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-16.30	-29.60	8.10	21.40	30.00	H
1732.50	-16.28	-29.60	8.10	21.42	30.00	H
1750.00	-16.40	-29.50	8.10	21.20	30.00	H

LTE Band 4_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-16.34	-29.60	8.10	21.36	30.00	H
1732.50	-16.32	-29.60	8.10	21.38	30.00	H
1747.50	-16.44	-29.50	8.10	21.16	30.00	H

LTE Band 4_20MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-16.37	-29.60	8.10	21.33	30.00	H
1732.50	-16.35	-29.60	8.10	21.35	30.00	H
1745.00	-15.98	-29.50	8.10	21.62	30.00	H

LTE Band 4_1.4MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-17.14	-29.60	8.10	20.56	30.00	H
1732.50	-17.11	-29.60	8.10	20.59	30.00	H
1754.30	-17.21	-29.50	8.10	20.39	30.00	H

LTE Band 4_3MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-17.18	-29.60	8.10	20.52	30.00	H
1732.50	-17.13	-29.60	8.10	20.57	30.00	H
1753.50	-17.24	-29.50	8.10	20.36	30.00	H

LTE Band 4_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-17.20	-29.60	8.10	20.50	30.00	H
1732.50	-17.17	-29.60	8.10	20.53	30.00	H
1752.50	-17.27	-29.50	8.10	20.33	30.00	H

LTE Band 4_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-17.24	-29.60	8.10	20.46	30.00	H
1732.50	-17.19	-29.60	8.10	20.51	30.00	H
1750.00	-17.30	-29.50	8.10	20.30	30.00	H

LTE Band 4_15MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-17.28	-29.60	8.10	20.42	30.00	H
1732.50	-17.22	-29.60	8.10	20.48	30.00	H
1747.50	-17.36	-29.50	8.10	20.24	30.00	H

LTE Band 4_20MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-17.31	-29.60	8.10	20.39	30.00	H
1732.50	-17.25	-29.60	8.10	20.45	30.00	H
1745.00	-17.39	-29.50	8.10	20.21	30.00	H

LTE Band 4_1.4MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-18.03	-29.60	8.10	19.67	30.00	H
1732.50	-18.08	-29.60	8.10	19.62	30.00	H
1754.30	-18.16	-29.50	8.10	19.44	30.00	H

LTE Band 4_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-18.08	-29.60	8.10	19.62	30.00	H
1732.50	-18.10	-29.60	8.10	19.60	30.00	H
1753.50	-18.19	-29.50	8.10	19.41	30.00	H

LTE Band 4_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-18.11	-29.60	8.10	19.59	30.00	H
1732.50	-18.14	-29.60	8.10	19.56	30.00	H
1752.50	-18.22	-29.50	8.10	19.38	30.00	H

LTE Band 4_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-18.15	-29.60	8.10	19.55	30.00	H
1732.50	-18.18	-29.60	8.10	19.52	30.00	H
1750.00	-18.25	-29.50	8.10	19.35	30.00	H

LTE Band 4_15MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-18.19	-29.60	8.10	19.51	30.00	H
1732.50	-18.21	-29.60	8.10	19.49	30.00	H
1747.50	-18.28	-29.50	8.10	19.32	30.00	H

LTE Band 4_20MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-18.22	-29.60	8.10	19.48	30.00	H
1732.50	-18.25	-29.60	8.10	19.45	30.00	H
1745.00	-18.35	-29.50	8.10	19.25	30.00	H

**LTE Band 5- ERP Part 22.913(a)****Limits:** ≤38.45dBm (7W)**LTE Band 5_1.4MHz_QPSK**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-10.25	-33.60	-0.79	2.15	20.40	38.45	V
836.50	-9.85	-33.50	-0.74	2.15	20.77	38.45	V
848.30	-10.29	-33.50	-0.73	2.15	20.33	38.45	V

LTE Band 5_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-10.24	-33.60	-0.84	2.15	20.37	38.45	V
836.50	-9.86	-33.50	-0.74	2.15	20.75	38.45	V
847.50	-10.34	-33.50	-0.73	2.15	20.28	38.45	V

LTE Band 5_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-10.27	-33.60	-0.84	2.15	20.34	38.45	V
836.50	-9.90	-33.50	-0.74	2.15	20.71	38.45	V
846.50	-10.38	-33.50	-0.73	2.15	20.24	38.45	V

LTE Band 5_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-10.31	-33.60	-0.84	2.15	20.30	38.45	V
836.50	-9.93	-33.50	-0.74	2.15	20.68	38.45	V
844.00	-10.36	-33.50	-0.78	2.15	20.21	38.45	V

LTE Band 5_1.4MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-11.15	-33.60	-0.79	2.15	19.51	38.45	V
836.50	-10.63	-33.50	-0.74	2.15	19.98	38.45	V
848.30	-11.19	-33.50	-0.73	2.15	19.43	38.45	V

LTE Band 5_3MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-11.14	-33.60	-0.84	2.15	19.47	38.45	V
836.50	-10.54	-33.50	-0.74	2.15	20.07	38.45	V
847.50	-11.22	-33.50	-0.73	2.15	19.40	38.45	V

LTE Band 5_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-11.18	-33.60	-0.84	2.15	19.43	38.45	V
836.50	-10.46	-33.50	-0.74	2.15	20.15	38.45	V
846.50	-11.24	-33.50	-0.73	2.15	19.38	38.45	V

LTE Band 5_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-11.21	-33.60	-0.84	2.15	19.40	38.45	V
836.50	-10.40	-33.50	-0.74	2.15	20.21	38.45	V
844.00	-11.23	-33.50	-0.78	2.15	19.34	38.45	V

**LTE Band 5_1.4MHz_64QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-12.05	-33.60	-0.79	2.15	18.61	38.45	V
836.50	-11.43	-33.50	-0.74	2.15	19.18	38.45	V
848.30	-12.12	-33.50	-0.73	2.15	18.50	38.45	V

LTE Band 5_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-12.04	-33.60	-0.84	2.15	18.57	38.45	V
836.50	-11.46	-33.50	-0.74	2.15	19.15	38.45	V
847.50	-12.15	-33.50	-0.73	2.15	18.47	38.45	V

LTE Band 5_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-12.06	-33.60	-0.84	2.15	18.55	38.45	V
836.50	-11.50	-33.50	-0.74	2.15	19.11	38.45	V
846.50	-12.18	-33.50	-0.73	2.15	18.44	38.45	V

LTE Band 5_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-12.10	-33.60	-0.84	2.15	18.51	38.45	V
836.50	-11.56	-33.50	-0.74	2.15	19.05	38.45	V
844.00	-12.16	-33.50	-0.78	2.15	18.41	38.45	V

**LTE Band 7- EIRP Part 27.50(h) (2)**Limits: $\leq 33\text{dBm}$ (2W)**LTE Band 7_5MHz_QPSK**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2502.50	-18.67	-28.70	10.70	20.73	33.00	H
2535.00	-18.61	-28.60	10.70	20.69	33.00	H
2567.50	-18.65	-28.60	10.70	20.65	33.00	H

LTE Band 7_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2505.00	-18.69	-28.70	10.70	20.71	33.00	H
2535.00	-18.64	-28.60	10.70	20.66	33.00	H
2565.00	-18.69	-28.60	10.70	20.61	33.00	H

LTE Band 7_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	-18.72	-28.70	10.70	20.68	33.00	H
2535.00	-18.67	-28.60	10.70	20.63	33.00	H
2562.50	-18.72	-28.60	10.70	20.58	33.00	H

LTE Band 7_20MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	-18.75	-28.70	10.70	20.65	33.00	H
2535.00	-18.71	-28.60	10.70	20.59	33.00	H
2560.00	-18.75	-28.60	10.70	20.55	33.00	H

LTE Band 7_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2502.50	-19.58	-28.70	10.70	19.82	33.00	H
2535.00	-19.53	-28.60	10.70	19.77	33.00	H
2567.50	-19.58	-28.60	10.70	19.72	33.00	H

LTE Band 7_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2505.00	-19.61	-28.70	10.70	19.79	33.00	H
2535.00	-19.58	-28.60	10.70	19.72	33.00	H
2565.00	-19.62	-28.60	10.70	19.68	33.00	H

LTE Band 7_15MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	-19.64	-28.70	10.70	19.76	33.00	H
2535.00	-19.62	-28.60	10.70	19.68	33.00	H
2562.50	-19.65	-28.60	10.70	19.65	33.00	H

LTE Band 7_20MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	-19.67	-28.70	10.70	19.73	33.00	H
2535.00	-19.65	-28.60	10.70	19.65	33.00	H
2560.00	-19.68	-28.60	10.70	19.62	33.00	H

LTE Band 7_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2502.50	-20.51	-28.70	10.70	18.89	33.00	H
2535.00	-20.44	-28.60	10.70	18.86	33.00	H
2567.50	-20.47	-28.60	10.70	18.83	33.00	H

LTE Band 7_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2505.00	-20.54	-28.70	10.70	18.86	33.00	H
2535.00	-20.48	-28.60	10.70	18.82	33.00	H
2565.00	-20.50	-28.60	10.70	18.80	33.00	H

LTE Band 7_15MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	-20.58	-28.70	10.70	18.82	33.00	H
2535.00	-20.51	-28.60	10.70	18.79	33.00	H
2562.50	-20.54	-28.60	10.70	18.76	33.00	H

LTE Band 7_20MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	-20.60	-28.70	10.70	18.80	33.00	H
2535.00	-20.54	-28.60	10.70	18.76	33.00	H
2560.00	-20.58	-28.60	10.70	18.72	33.00	H

**LTE Band 12 - ERP Part 27.50(c) (10)****Limits:** ≤34.77dBm (3W)**LTE Band 12_1.4MHz_QPSK**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
699.70	-9.85	-34.80	-0.93	2.15	21.87	34.77	V
707.50	-10.53	-34.70	-0.91	2.15	21.12	34.77	V
715.30	-10.06	-34.70	-0.68	2.15	21.81	34.77	V

LTE Band 12_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
700.50	-9.83	-34.80	-0.97	2.15	21.85	34.77	V
707.50	-10.55	-34.70	-0.91	2.15	21.09	34.77	V
714.50	-10.13	-34.70	-0.64	2.15	21.78	34.77	V

LTE Band 12_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
701.50	-9.86	-34.80	-0.97	2.15	21.82	34.77	V
707.50	-10.59	-34.70	-0.91	2.15	21.05	34.77	V
713.50	-10.18	-34.70	-0.64	2.15	21.73	34.77	V

LTE Band 12_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
704.00	-9.89	-34.80	-0.97	2.15	21.79	34.77	V
707.50	-10.62	-34.70	-0.91	2.15	21.02	34.77	V
711.00	-10.20	-34.70	-0.64	2.15	21.71	34.77	V

**LTE Band 12_1.4MHz_16QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
699.70	-10.77	-34.80	-0.93	2.15	20.95	34.77	V
707.50	-11.40	-34.70	-0.91	2.15	20.24	34.77	V
715.30	-10.97	-34.70	-0.68	2.15	20.90	34.77	V

LTE Band 12_3MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
700.50	-10.77	-34.80	-0.97	2.15	20.91	34.77	V
707.50	-11.44	-34.70	-0.91	2.15	20.20	34.77	V
714.50	-11.04	-34.70	-0.64	2.15	20.87	34.77	V

LTE Band 12_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
701.50	-10.80	-34.80	-0.97	2.15	20.88	34.77	V
707.50	-11.49	-34.70	-0.91	2.15	20.15	34.77	V
713.50	-11.06	-34.70	-0.64	2.15	20.85	34.77	V

LTE Band 12_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
704.00	-10.83	-34.80	-0.97	2.15	20.85	34.77	V
707.50	-11.53	-34.70	-0.91	2.15	20.11	34.77	V
711.00	-11.11	-34.70	-0.64	2.15	20.80	34.77	V

**LTE Band 12_1.4MHz_64QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
699.70	-12.58	-34.80	-0.93	2.15	19.14	34.77	V
707.50	-12.30	-34.70	-0.91	2.15	19.34	34.77	V
715.30	-12.79	-34.70	-0.68	2.15	19.08	34.77	V

LTE Band 12_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
700.50	-12.58	-34.80	-0.97	2.15	19.10	34.77	V
707.50	-12.34	-34.70	-0.91	2.15	19.30	34.77	V
714.50	-12.86	-34.70	-0.64	2.15	19.05	34.77	V

LTE Band 12_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
701.50	-12.62	-34.80	-0.97	2.15	19.06	34.77	V
707.50	-12.38	-34.70	-0.91	2.15	19.26	34.77	V
713.50	-12.90	-34.70	-0.64	2.15	19.01	34.77	V

LTE Band 12_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
704.00	-12.63	-34.80	-0.97	2.15	19.05	34.77	V
707.50	-12.43	-34.70	-0.91	2.15	19.21	34.77	V
711.00	-12.93	-34.70	-0.64	2.15	18.98	34.77	V



LTE Band 13- ERP Part 27.50(b) (10)

Limits: ≤34.77dBm (3W)

LTE Band 13_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
779.50	-10.69	-34.00	-0.08	2.15	21.08	34.77	V
782.00	-9.82	-34.00	-0.13	2.15	21.90	34.77	V
784.50	-10.54	-34.00	-0.13	2.15	21.18	34.77	V

LTE Band 13_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
782.00	-9.77	-34.00	-0.13	2.15	21.95	34.77	V

LTE Band 13_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
779.50	-11.42	-34.00	-0.08	2.15	20.34	34.77	V
782.00	-11.48	-34.00	-0.13	2.15	20.24	34.77	V
784.50	-11.31	-34.00	-0.13	2.15	20.41	34.77	V

LTE Band 13_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
782.00	-11.41	-34.00	-0.13	2.15	20.31	34.77	V

LTE Band 13_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
779.50	-12.23	-34.00	-0.08	2.15	19.54	34.77	V
782.00	-12.34	-34.00	-0.13	2.15	19.38	34.77	V
784.50	-12.14	-34.00	-0.13	2.15	19.58	34.77	V

LTE Band 13_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
782.00	-12.28	-34.00	-0.13	2.15	19.44	34.77	V



LTE Band 17- ERP 27.50(c) (10)

Limits: ≤34.77dBm (3W)

LTE Band 17_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
706.50	-9.86	-34.70	-0.91	2.15	21.78	34.77	V
710.00	-10.85	-34.70	-0.64	2.15	21.06	34.77	V
713.50	-10.00	-34.70	-0.64	2.15	21.91	34.77	V

LTE Band 17_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
709.00	-9.92	-34.70	-0.91	2.15	21.72	34.77	V
710.00	-10.04	-34.70	-0.64	2.15	21.87	34.77	V
711.00	-10.16	-34.70	-0.64	2.15	21.75	34.77	V

LTE Band 17_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
706.50	-10.75	-34.70	-0.91	2.15	20.89	34.77	V
710.00	-11.77	-34.70	-0.64	2.15	20.14	34.77	V
713.50	-10.97	-34.70	-0.64	2.15	20.94	34.77	V

LTE Band 17_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
709.00	-10.79	-34.70	-0.91	2.15	20.85	34.77	V
710.00	-10.97	-34.70	-0.64	2.15	20.94	34.77	V
711.00	-11.05	-34.70	-0.64	2.15	20.86	34.77	V

LTE Band 17_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
706.50	-12.70	-34.70	-0.91	2.15	18.94	34.77	V
710.00	-12.67	-34.70	-0.64	2.15	19.24	34.77	V
713.50	-12.84	-34.70	-0.64	2.15	19.07	34.77	V

LTE Band 17_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
709.00	-12.71	-34.70	-0.91	2.15	18.93	34.77	V
710.00	-12.88	-34.70	-0.64	2.15	19.03	34.77	V
711.00	-12.95	-34.70	-0.64	2.15	18.96	34.77	V

**LTE band 26(824MHz-849MHz)-ERP Part 22.913(a)****Limits:** ≤38.45dBm (7W)**LTE Band 26(824MHz-849MHz)_1.4MHz_QPSK**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-9.96	-33.60	-0.79	2.15	20.70	38.45	H
836.50	-9.87	-33.50	-0.74	2.15	20.74	38.45	H
848.30	-10.50	-33.50	-0.73	2.15	20.12	38.45	H

LTE Band 26(824MHz-849MHz)_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-9.99	-33.60	-0.79	2.15	20.67	38.45	H
836.50	-9.90	-33.50	-0.74	2.15	20.71	38.45	H
847.50	-10.52	-33.50	-0.73	2.15	20.10	38.45	H

LTE Band 26(824MHz-849MHz)_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-10.02	-33.60	-0.79	2.15	20.64	38.45	H
836.50	-9.94	-33.50	-0.74	2.15	20.67	38.45	H
846.50	-9.55	-33.50	-0.73	2.15	21.07	38.45	H

LTE Band 26(824MHz-849MHz)_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-10.05	-33.60	-0.79	2.15	20.61	38.45	H
836.50	-9.97	-33.50	-0.74	2.15	20.64	38.45	H
844.00	-9.58	-33.50	-0.73	2.15	21.04	38.45	H

LTE Band 26(824MHz-849MHz)_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
831.50	-10.09	-33.60	-0.79	2.15	20.57	38.45	H
836.50	-10.00	-33.50	-0.74	2.15	20.61	38.45	H
841.50	-9.61	-33.50	-0.73	2.15	21.01	38.45	H

LTE Band 26(824MHz-849MHz)_1.4MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-10.88	-33.60	-0.79	2.15	19.78	38.45	H
836.50	-10.78	-33.50	-0.74	2.15	19.83	38.45	H
848.30	-10.39	-33.50	-0.73	2.15	20.23	38.45	H

LTE Band 26(824MHz-849MHz)_3MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-10.91	-33.60	-0.79	2.15	19.75	38.45	H
836.50	-10.81	-33.50	-0.74	2.15	19.80	38.45	H
847.50	-10.42	-33.50	-0.73	2.15	20.20	38.45	H

LTE Band 26(824MHz-849MHz)_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-10.95	-33.60	-0.79	2.15	19.71	38.45	H
836.50	-10.84	-33.50	-0.74	2.15	19.77	38.45	H
846.50	-10.47	-33.50	-0.73	2.15	20.15	38.45	H

LTE Band 26(824MHz-849MHz)_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-10.99	-33.60	-0.79	2.15	19.67	38.45	H
836.50	-10.86	-33.50	-0.74	2.15	19.75	38.45	H
844.00	-10.50	-33.50	-0.73	2.15	20.12	38.45	H

LTE Band 26(824MHz-849MHz)_15MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
831.50	-10.94	-33.60	-0.79	2.15	19.72	38.45	H
836.50	-10.89	-33.50	-0.74	2.15	19.72	38.45	H
841.50	-10.90	-33.50	-0.73	2.15	19.72	38.45	H

LTE Band 26(824MHz-849MHz)_1.4MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-11.80	-33.60	-0.79	2.15	18.86	38.45	H
836.50	-11.68	-33.50	-0.74	2.15	18.93	38.45	H
848.30	-11.31	-33.50	-0.73	2.15	19.31	38.45	H

LTE Band 26(824MHz-849MHz)_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-11.82	-33.60	-0.79	2.15	18.84	38.45	H
836.50	-11.71	-33.50	-0.74	2.15	18.90	38.45	H
847.50	-11.35	-33.50	-0.73	2.15	19.27	38.45	H

LTE Band 26(824MHz-849MHz)_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-11.85	-33.60	-0.79	2.15	18.81	38.45	H
836.50	-11.77	-33.50	-0.74	2.15	18.84	38.45	H
846.50	-11.41	-33.50	-0.73	2.15	19.21	38.45	H

LTE Band 26(824MHz-849MHz)_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-11.89	-33.60	-0.79	2.15	18.77	38.45	H
836.50	-11.81	-33.50	-0.74	2.15	18.80	38.45	H
844.00	-11.45	-33.50	-0.73	2.15	19.17	38.45	H

LTE Band 26(824MHz-849MHz)_15MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
831.50	-11.94	-33.60	-0.79	2.15	18.72	38.45	H
836.50	-11.84	-33.50	-0.74	2.15	18.77	38.45	H
841.50	-11.48	-33.50	-0.73	2.15	19.14	38.45	H

**LTE band 26(814MHz-824MHz)-ERP Part 90.635(b)****Limits:** ≤50.00dBm (100W)**LTE Band 26(814MHz-824MHz)_1.4MHz_QPSK**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
814.70	-10.09	-33.70	-0.80	2.15	20.66	50.00	H
819.00	-10.15	-33.60	-0.75	2.15	20.55	50.00	H
823.30	-9.82	-33.60	-0.79	2.15	20.84	50.00	H

LTE Band 26(814MHz-824MHz)_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
815.50	-10.13	-33.70	-0.80	2.15	20.62	50.00	H
819.00	-10.19	-33.60	-0.75	2.15	20.51	50.00	H
822.50	-9.85	-33.60	-0.79	2.15	20.81	50.00	H

LTE Band 26(814MHz-824MHz)_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
816.50	-10.15	-33.70	-0.80	2.15	20.60	50.00	H
819.00	-10.23	-33.60	-0.75	2.15	20.47	50.00	H
821.50	-9.89	-33.60	-0.79	2.15	20.77	50.00	H

LTE Band 26(814MHz-824MHz)_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
819.00	-10.22	-33.60	-0.80	2.15	20.43	50.00	H
819.00	-10.27	-33.60	-0.75	2.15	20.43	50.00	H
819.00	-10.23	-33.60	-0.79	2.15	20.43	50.00	H

LTE Band 26(814MHz-824MHz)_1.4MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
814.70	-11.14	-33.70	-0.80	2.15	19.61	50.00	H
819.00	-11.21	-33.60	-0.75	2.15	19.49	50.00	H
823.30	-10.85	-33.60	-0.79	2.15	19.81	50.00	H

LTE Band 26(814MHz-824MHz)_3MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
815.50	-11.18	-33.70	-0.80	2.15	19.57	50.00	H
819.00	-11.25	-33.60	-0.75	2.15	19.45	50.00	H
822.50	-10.89	-33.60	-0.79	2.15	19.77	50.00	H

LTE Band 26(814MHz-824MHz)_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
816.50	-11.22	-33.70	-0.80	2.15	19.53	50.00	H
819.00	-11.28	-33.60	-0.75	2.15	19.42	50.00	H
821.50	-10.91	-33.60	-0.79	2.15	19.75	50.00	H

LTE Band 26(814MHz-824MHz)_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
819.00	-11.15	-33.60	-0.80	2.15	19.50	50.00	H
819.00	-11.30	-33.60	-0.75	2.15	19.40	50.00	H
819.00	-10.96	-33.60	-0.79	2.15	19.70	50.00	H

**LTE Band 26(814MHz-824MHz)_1.4MHz_64QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
814.70	-11.96	-33.70	-0.80	2.15	18.79	50.00	H
819.00	-12.03	-33.60	-0.75	2.15	18.67	50.00	H
823.30	-11.73	-33.60	-0.79	2.15	18.93	50.00	H

LTE Band 26(814MHz-824MHz)_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
815.50	-11.99	-33.70	-0.80	2.15	18.76	50.00	H
819.00	-12.06	-33.60	-0.75	2.15	18.64	50.00	H
822.50	-11.76	-33.60	-0.79	2.15	18.90	50.00	H

LTE Band 26(814MHz-824MHz)_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
816.50	-12.02	-33.70	-0.80	2.15	18.73	50.00	H
819.00	-12.08	-33.60	-0.75	2.15	18.62	50.00	H
821.50	-11.79	-33.60	-0.79	2.15	18.87	50.00	H

LTE Band 26(814MHz-824MHz)_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
819.00	-12.07	-33.60	-0.80	2.15	18.58	50.00	H
819.00	-12.12	-33.60	-0.75	2.15	18.58	50.00	H
819.00	-12.08	-33.60	-0.79	2.15	18.58	50.00	H

**LTE Band 38 - EIRP Part 27.50(h)(2)**Limits: $\leq 33\text{dBm}$ (2W)**LTE Band 38_5MHz_QPSK**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2572.50	-17.46	-28.60	10.70	21.84	33.00	H
2595.00	-17.73	-28.60	10.70	21.57	33.00	H
2617.50	-17.43	-28.60	10.70	21.87	33.00	H

LTE Band 38_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2575.00	-17.49	-28.60	10.70	21.81	33.00	H
2595.00	-17.75	-28.60	10.70	21.55	33.00	H
2615.00	-17.47	-28.60	10.70	21.83	33.00	H

LTE Band 38_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2577.50	-17.53	-28.60	10.70	21.77	33.00	H
2595.00	-17.78	-28.60	10.70	21.52	33.00	H
2612.50	-17.50	-28.60	10.70	21.80	33.00	H

LTE Band 38_20MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2580.00	-17.57	-28.60	10.70	21.73	33.00	H
2595.00	-17.81	-28.60	10.70	21.49	33.00	H
2610.00	-17.53	-28.60	10.70	21.77	33.00	H

**LTE Band 38_5MHz_16QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2572.50	-18.41	-28.60	10.70	20.89	33.00	H
2595.00	-18.74	-28.60	10.70	20.56	33.00	H
2617.50	-18.39	-28.60	10.70	20.91	33.00	H

LTE Band 38_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2575.00	-18.44	-28.60	10.70	20.86	33.00	H
2595.00	-18.77	-28.60	10.70	20.53	33.00	H
2615.00	-18.43	-28.60	10.70	20.87	33.00	H

LTE Band 38_15MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2577.50	-18.48	-28.60	10.70	20.82	33.00	H
2595.00	-18.81	-28.60	10.70	20.49	33.00	H
2612.50	-18.46	-28.60	10.70	20.84	33.00	H

LTE Band 38_20MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2580.00	-18.51	-28.60	10.70	20.79	33.00	H
2595.00	-18.84	-28.60	10.70	20.46	33.00	H
2610.00	-18.49	-28.60	10.70	20.81	33.00	H

LTE Band 38_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2572.50	-19.31	-28.60	10.70	19.99	33.00	H
2595.00	-19.51	-28.60	10.70	19.79	33.00	H
2617.50	-19.29	-28.60	10.70	20.01	33.00	H

LTE Band 38_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2575.00	-19.35	-28.60	10.70	19.95	33.00	H
2595.00	-19.54	-28.60	10.70	19.76	33.00	H
2615.00	-19.30	-28.60	10.70	20.00	33.00	H

LTE Band 38_15MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2577.50	-19.39	-28.60	10.70	19.91	33.00	H
2595.00	-19.58	-28.60	10.70	19.72	33.00	H
2612.50	-19.33	-28.60	10.70	19.97	33.00	H

LTE Band 38_20MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2580.00	-19.43	-28.60	10.70	19.87	33.00	H
2595.00	-19.61	-28.60	10.70	19.69	33.00	H
2610.00	-19.36	-28.60	10.70	19.94	33.00	H

**LTE Band 41(2535MHz-2655MHz)- EIRP Part 27.50(d)(2)****Limits:** ≤33dBm (2W)**LTE Band 41_5MHz_QPSK**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2537.50	-17.69	-28.70	10.70	21.71	33.00	H
2595.00	-17.64	-28.60	10.70	21.66	33.00	H
2652.50	-17.67	-28.60	10.70	21.63	33.00	H

LTE Band 41_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2540.00	-17.72	-28.70	10.70	21.68	33.00	H
2595.00	-17.67	-28.60	10.70	21.63	33.00	H
2650.00	-17.70	-28.60	10.70	21.60	33.00	H

LTE Band 41_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2542.50	-17.75	-28.70	10.70	21.65	33.00	H
2595.00	-17.70	-28.60	10.70	21.60	33.00	H
2647.50	-17.74	-28.60	10.70	21.56	33.00	H

LTE Band 41_20MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2545.00	-17.78	-28.70	10.70	21.62	33.00	H
2595.00	-17.72	-28.60	10.70	21.58	33.00	H
2645.00	-17.77	-28.60	10.70	21.53	33.00	H

LTE Band 41_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2537.50	-18.61	-28.70	10.70	20.79	33.00	H
2595.00	-18.56	-28.60	10.70	20.74	33.00	H
2652.50	-18.61	-28.60	10.70	20.69	33.00	H

LTE Band 41_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2540.00	-18.64	-28.70	10.70	20.76	33.00	H
2595.00	-18.60	-28.60	10.70	20.70	33.00	H
2650.00	-18.63	-28.60	10.70	20.67	33.00	H

LTE Band 41_15MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2542.50	-18.67	-28.70	10.70	20.73	33.00	H
2595.00	-18.63	-28.60	10.70	20.67	33.00	H
2647.50	-18.67	-28.60	10.70	20.63	33.00	H

LTE Band 41_20MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2545.00	-18.73	-28.70	10.70	20.67	33.00	H
2595.00	-18.66	-28.60	10.70	20.64	33.00	H
2645.00	-18.69	-28.60	10.70	20.61	33.00	H

**LTE Band 41_5MHz_64QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2537.50	-19.57	-28.70	10.70	19.83	33.00	H
2595.00	-19.57	-28.60	10.70	19.73	33.00	H
2652.50	-19.64	-28.60	10.70	19.66	33.00	H

LTE Band 41_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2540.00	-19.59	-28.70	10.70	19.81	33.00	H
2595.00	-19.60	-28.60	10.70	19.70	33.00	H
2650.00	-19.68	-28.60	10.70	19.62	33.00	H

LTE Band 41_15MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2542.50	-19.62	-28.70	10.70	19.78	33.00	H
2595.00	-19.63	-28.60	10.70	19.67	33.00	H
2647.50	-19.70	-28.60	10.70	19.60	33.00	H

LTE Band 41_20MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2545.00	-19.65	-28.70	10.70	19.75	33.00	H
2595.00	-19.65	-28.60	10.70	19.65	33.00	H
2645.00	-19.73	-28.60	10.70	19.57	33.00	H

**LTE Band 66- EIRP Part 27.50(d)(4)**

Limits: ≤30dBm (1W)

LTE Band 66_1.4MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-16.13	-29.60	8.10	21.57	30.00	H
1745.00	-15.86	-29.50	8.10	21.74	30.00	H
1779.30	-16.16	-29.50	8.10	21.44	30.00	H

LTE Band 66_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-16.16	-29.60	8.10	21.54	30.00	H
1745.00	-15.90	-29.50	8.10	21.70	30.00	H
1778.50	-16.18	-29.50	8.10	21.42	30.00	H

LTE Band 66_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-16.19	-29.60	8.10	21.51	30.00	H
1745.00	-15.93	-29.50	8.10	21.67	30.00	H
1777.50	-16.21	-29.50	8.10	21.39	30.00	H

LTE Band 66_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-16.23	-29.60	8.10	21.47	30.00	H
1745.00	-15.97	-29.50	8.10	21.63	30.00	H
1775.00	-16.24	-29.50	8.10	21.36	30.00	H

LTE Band 66_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-16.27	-29.60	8.10	21.43	30.00	H
1745.00	-16.00	-29.50	8.10	21.60	30.00	H
1772.53	-16.27	-29.50	8.10	21.33	30.00	H

LTE Band 66_20MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-16.30	-29.60	8.10	21.40	30.00	H
1745.00	-16.04	-29.50	8.10	21.56	30.00	H
1770.00	-16.31	-29.50	8.10	21.29	30.00	H

LTE Band 66_1.4MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-17.01	-29.60	8.10	20.69	30.00	H
1745.00	-16.77	-29.50	8.10	20.83	30.00	H
1779.30	-17.13	-29.50	8.10	20.47	30.00	H

LTE Band 66_3MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-17.05	-29.60	8.10	20.65	30.00	H
1745.00	-16.81	-29.50	8.10	20.79	30.00	H
1778.50	-17.17	-29.50	8.10	20.43	30.00	H

LTE Band 66_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-17.08	-29.60	8.10	20.62	30.00	H
1745.00	-16.84	-29.50	8.10	20.76	30.00	H
1777.50	-17.21	-29.50	8.10	20.39	30.00	H

LTE Band 66_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-17.11	-29.60	8.10	20.59	30.00	H
1745.00	-16.88	-29.50	8.10	20.72	30.00	H
1775.00	-17.25	-29.50	8.10	20.35	30.00	H

LTE Band 66_15MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-17.14	-29.60	8.10	20.56	30.00	H
1745.00	-16.91	-29.50	8.10	20.69	30.00	H
1772.53	-17.27	-29.50	8.10	20.33	30.00	H

LTE Band 66_20MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-17.17	-29.60	8.10	20.53	30.00	H
1745.00	-16.95	-29.50	8.10	20.65	30.00	H
1770.00	-17.30	-29.50	8.10	20.30	30.00	H

LTE Band 66_1.4MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-17.91	-29.60	8.10	19.79	30.00	H
1745.00	-17.67	-29.50	8.10	19.93	30.00	H
1779.30	-18.14	-29.50	8.10	19.46	30.00	H

LTE Band 66_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-17.94	-29.60	8.10	19.76	30.00	H
1745.00	-17.70	-29.50	8.10	19.90	30.00	H
1778.50	-18.17	-29.50	8.10	19.43	30.00	H

LTE Band 66_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-17.98	-29.60	8.10	19.72	30.00	H
1745.00	-17.73	-29.50	8.10	19.87	30.00	H
1777.50	-18.20	-29.50	8.10	19.40	30.00	H

LTE Band 66_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-18.01	-29.60	8.10	19.69	30.00	H
1745.00	-17.77	-29.50	8.10	19.83	30.00	H
1775.00	-18.24	-29.50	8.10	19.36	30.00	H

LTE Band 66_15MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-18.04	-29.60	8.10	19.66	30.00	H
1745.00	-17.81	-29.50	8.10	19.79	30.00	H
1772.53	-18.27	-29.50	8.10	19.33	30.00	H

LTE Band 66_20MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-18.08	-29.60	8.10	19.62	30.00	H
1745.00	-17.85	-29.50	8.10	19.75	30.00	H
1770.00	-18.30	-29.50	8.10	19.30	30.00	H

ANALYZER SETTINGS:

RBW = VBW = 8MHz for occupied bandwidths equal to or less than 5MHz.

RBW = VBW = 20MHz for occupied bandwidths equal to or greater than 10MHz.

Note: The maximum value of expanded measurement uncertainty for this test item is U = 2.87dB(30MHz-3GHz)/3.35dB(3GHz-18GHz)/2.68dB(18GHz-40GHz), k = 2

Note: Both of Vertical and Horizontal polarizations are evaluated, but only the worst case is recorded in this report.

A.2 FIELD STRENGTH OF SPURIOUS RADIATION

Reference

FCC: CFR 2.1053, 22.917, 24.238, 27.53,90.691.

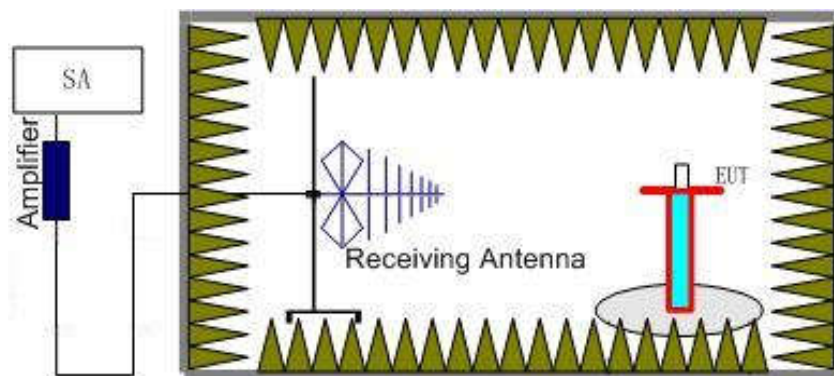
A.2.1 Measurement Method

This measurement is carried out in fully-anechoic chamber FAC-3.

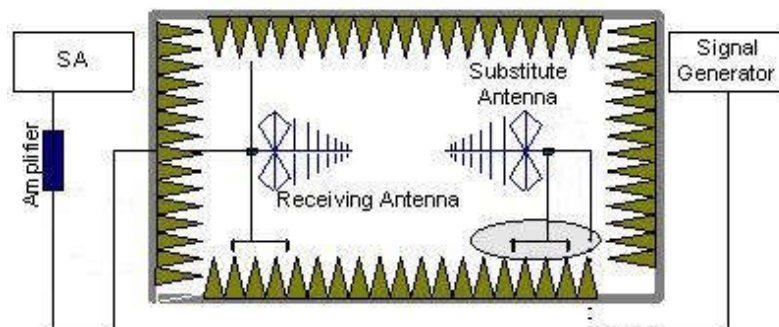
The spectrum was scanned from 30 MHz to the 10th harmonic of the highest frequency generated within the equipment, which is the transmitted carrier. The resolution bandwidth is set 1MHz as outlined in Part 22.917, 24.238, 27.53(h) and 90.691. The spectrum was scanned with the mobile station transmitting at carrier frequencies that pertain to low, mid and high channels of the all LTE Bands

The procedure of radiated spurious emissions is as follows:

1. For radiated emissions measurements performed at frequencies less than or equal to 1 GHz, EUT was placed on a 80 cm high non-conductive stand at a 3 meter test distance from the receive antenna. For radiated measurements performed at frequencies above 1 GHz, EUT was placed on a 1.5 meter high non-conductive stand at a 3 meter test distance from the receive antenna. Receiving antenna was placed on the antenna mast 3 meters from the EUT. For emission measurements. The receiving antenna shall be varied from 1 m to 4 m in height above the reference ground in a search for the relative positioning that produces the maximum radiated signal level. The test setup refers to figure below. Detected emissions were maximized at each frequency by rotating the EUT through 360° and adjusting the receiving antenna polarization. The radiated emission measurements of all transmit frequencies in three channels (High, Middle, Low) were measured with peak detector.



2. The EUT is then put into continuously transmitting mode at its maximum power level during the test. And the maximum value of the receiver should be recorded as (Pr).
3. The EUT shall be replaced by a substitution antenna. The test setup refers to figure below.



In the chamber, a substitution antenna for the frequency band of interest is placed at the reference point of the chamber. An RF Signal source for the frequency band of interest is connected to the substitution antenna with a cable that has been constructed to not interfere with the radiation pattern of the antenna. A power (P_{Mea}) is applied to the input of the substitution antenna and adjusts the level of the signal generator output until the value of the receiver reaches the previously recorded (P_r). The power of signal source (P_{Mea}) is recorded. The test should be performed by rotating the test item and adjusting the receiving antenna polarization.

4. The Path loss (P_{pl}) between the Signal Source with the Substitution Antenna and the Substitution Antenna Gain(dBi) (G_a) should be recorded after test.

An amplifier should be connected in for the test.

The Path loss (P_{pl}) is the summation of the cable loss and the gain of the amplifier.

The measurement results are obtained as described below:

$$\text{Power (EIRP)} = P_{Mea} - P_{pl} + G_a$$

5. This value is EIRP since the measurement is calibrated using an antenna of known gain (unit: dBi) and known input power.
6. ERP can be calculated from EIRP by subtracting the gain of the dipole, $ERP = EIRP - 2.15dB$.

A.2.2 Measurement Results

Radiated emissions measurements were made only at the upper, middle, and lower carrier frequencies of the test LTE Bands. It was decided that measurements at these three carrier frequencies would be sufficient to demonstrate compliance with emissions limits because it was seen that all the significant spurs occur well outside the band and no radiation was seen from a carrier in one block of the test LTE Bands. into any of the other blocks. The equipment must still, however, meet emissions requirements with the carrier at all frequencies over which it is capable of operating and it is the manufacturer's responsibility to verify this.

Only worst case result is given below.

Upper antenna
LTE Band 2, 1.4MHz, QPSK, Channel 18607

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16930.62	-45.06	2.90	16.50	-31.46	-13.00	H
17115.62	-43.57	2.90	14.50	-31.97	-13.00	H
17368.12	-42.19	3.20	14.50	-30.89	-13.00	H
17453.75	-41.98	2.90	14.50	-30.38	-13.00	H
17621.88	-39.51	3.30	12.80	-30.01	-13.00	H
17770.00	-39.13	3.60	12.80	-29.93	-13.00	H

LTE Band 2, 1.4MHz, QPSK, Channel 18900

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16931.25	-44.27	2.90	16.50	-30.67	-13.00	H
17198.12	-43.09	2.90	14.50	-31.49	-13.00	H
17300.00	-42.13	3.20	14.50	-30.83	-13.00	H
17453.75	-40.51	2.90	14.50	-28.91	-13.00	H
17619.38	-38.40	3.30	12.80	-28.90	-13.00	H
17823.75	-38.60	3.60	12.80	-29.40	-13.00	H

LTE Band 2, 1.4MHz, QPSK, Channel 19193

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16956.88	-46.24	2.90	16.50	-32.64	-13.00	H
17137.50	-43.66	2.90	14.50	-32.06	-13.00	H
17275.00	-44.07	3.20	14.50	-32.77	-13.00	H
17488.75	-42.97	2.90	14.50	-31.37	-13.00	H
17526.25	-40.54	2.90	12.80	-30.64	-13.00	H
17820.62	-40.68	3.60	12.80	-31.48	-13.00	H

LTE Band 2, 1.4MHz, 16QAM, Channel 18607

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16960.00	-45.28	2.90	16.50	-31.68	-13.00	H
17123.12	-44.66	2.90	14.50	-33.06	-13.00	H
17357.50	-42.79	3.20	14.50	-31.49	-13.00	H
17513.12	-40.50	2.90	12.80	-30.60	-13.00	H
17636.25	-39.98	3.30	12.80	-30.48	-13.00	H
17829.38	-39.89	3.60	12.80	-30.69	-13.00	H

LTE Band 2, 1.4MHz, 16QAM, Channel 18900

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16908.12	-45.26	2.90	16.50	-31.66	-13.00	H
16923.12	-44.62	2.90	16.50	-31.02	-13.00	H
17353.75	-42.62	3.20	14.50	-31.32	-13.00	H
17447.50	-40.73	2.90	14.50	-29.13	-13.00	H
17528.12	-39.00	2.90	12.80	-29.10	-13.00	H
17826.25	-38.98	3.60	12.80	-29.78	-13.00	H

LTE Band 2, 1.4MHz, 16QAM, Channel 19193

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16943.12	-45.36	2.90	16.50	-31.76	-13.00	H
17178.75	-44.60	2.90	14.50	-33.00	-13.00	H
17338.12	-43.53	3.20	14.50	-32.23	-13.00	H
17504.38	-40.83	2.90	12.80	-30.93	-13.00	H
17566.88	-40.28	3.30	12.80	-30.78	-13.00	H
17828.75	-40.31	3.60	12.80	-31.11	-13.00	H

LTE Band 2, 1.4MHz, 64QAM, Channel 18607

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16967.50	-46.42	2.90	16.50	-32.82	-13.00	H
17194.38	-44.41	2.90	14.50	-32.81	-13.00	H
17300.00	-42.61	3.20	14.50	-31.31	-13.00	H
17433.12	-42.84	2.90	14.50	-31.24	-13.00	H
17605.62	-40.25	3.30	12.80	-30.75	-13.00	H
17820.00	-40.08	3.60	12.80	-30.88	-13.00	H

LTE Band 2, 1.4MHz, 64QAM, Channel 18900

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16955.62	-44.24	2.90	16.50	-30.64	-13.00	H
17136.88	-42.96	2.90	14.50	-31.36	-13.00	H
17347.50	-41.91	3.20	14.50	-30.61	-13.00	H
17458.75	-40.33	2.90	14.50	-28.73	-13.00	H
17612.50	-38.87	3.30	12.80	-29.37	-13.00	H
17817.50	-39.07	3.60	12.80	-29.87	-13.00	H

LTE Band 2, 1.4MHz, 64QAM, Channel 19193

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16953.75	-45.47	2.90	16.50	-31.87	-13.00	H
17173.75	-43.91	2.90	14.50	-32.31	-13.00	H
17299.38	-44.02	3.20	14.50	-32.72	-13.00	H
17440.62	-42.88	2.90	14.50	-31.28	-13.00	H
17580.62	-39.54	3.30	12.80	-30.04	-13.00	H
17773.75	-40.19	3.60	12.80	-30.99	-13.00	H

LTE Band 4, 1.4MHz, QPSK, Channel 19957

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16993.75	-45.49	2.90	16.50	-31.89	-13.00	H
17192.50	-44.54	2.90	14.50	-32.94	-13.00	H
17223.75	-44.40	3.20	14.50	-33.10	-13.00	H
17472.50	-42.27	2.90	14.50	-30.67	-13.00	H
17615.00	-39.79	3.30	12.80	-30.29	-13.00	H
17746.88	-40.60	3.60	12.80	-31.40	-13.00	H

LTE Band 4, 1.4MHz, QPSK, Channel 20175

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16980.62	-44.57	2.90	16.50	-30.97	-13.00	H
17088.12	-44.04	2.90	14.50	-32.44	-13.00	H
17298.75	-43.96	3.20	14.50	-32.66	-13.00	H
17498.75	-41.77	2.90	14.50	-30.17	-13.00	H
17625.00	-40.46	3.30	12.80	-30.96	-13.00	H
17761.88	-41.05	3.60	12.80	-31.85	-13.00	H

LTE Band 4, 1.4MHz, QPSK, Channel 20393

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16960.00	-44.44	2.90	16.50	-30.84	-13.00	H
17213.12	-44.35	2.90	14.50	-32.75	-13.00	H
17342.50	-44.08	3.20	14.50	-32.78	-13.00	H
17448.75	-42.20	2.90	14.50	-30.60	-13.00	H
17586.25	-39.55	3.30	12.80	-30.05	-13.00	H
17827.50	-41.06	3.60	12.80	-31.86	-13.00	H

LTE Band 4, 1.4MHz, 16QAM, Channel 19957

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16999.38	-45.28	2.90	16.50	-31.68	-13.00	H
17214.38	-44.13	2.90	14.50	-32.53	-13.00	H
17321.88	-43.96	3.20	14.50	-32.66	-13.00	H
17456.25	-42.06	2.90	14.50	-30.46	-13.00	H
17576.88	-40.16	3.30	12.80	-30.66	-13.00	H
17782.50	-40.91	3.60	12.80	-31.71	-13.00	H

LTE Band 4, 1.4MHz, 16QAM, Channel 20175

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16970.62	-45.31	2.90	16.50	-31.71	-13.00	H
17105.00	-44.11	2.90	14.50	-32.51	-13.00	H
17359.38	-44.24	3.20	14.50	-32.94	-13.00	H
17466.25	-42.70	2.90	14.50	-31.10	-13.00	H
17573.75	-40.66	3.30	12.80	-31.16	-13.00	H
17831.25	-40.69	3.60	12.80	-31.49	-13.00	H

LTE Band 4, 1.4MHz, 16QAM, Channel 20393

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16953.75	-45.91	2.90	16.50	-32.31	-13.00	H
17208.75	-44.04	2.90	14.50	-32.44	-13.00	H
17231.88	-43.73	3.20	14.50	-32.43	-13.00	H
17459.38	-42.48	2.90	14.50	-30.88	-13.00	H
17565.62	-40.21	3.30	12.80	-30.71	-13.00	H
17823.12	-40.42	3.60	12.80	-31.22	-13.00	H

LTE Band 4, 1.4MHz, 64QAM, Channel 19957

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16936.88	-46.17	2.90	16.50	-32.57	-13.00	H
17105.62	-43.92	2.90	14.50	-32.32	-13.00	H
17343.75	-44.20	3.20	14.50	-32.90	-13.00	H
17466.25	-42.30	2.90	14.50	-30.70	-13.00	H
17606.88	-40.67	3.30	12.80	-31.17	-13.00	H
17802.50	-40.73	3.60	12.80	-31.53	-13.00	H

LTE Band 4, 1.4MHz, 64QAM, Channel 20175

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16978.12	-45.96	2.90	16.50	-32.36	-13.00	H
17180.00	-44.64	2.90	14.50	-33.04	-13.00	H
17292.50	-44.31	3.20	14.50	-33.01	-13.00	H
17524.38	-40.82	2.90	12.80	-30.92	-13.00	H
17592.50	-40.65	3.30	12.80	-31.15	-13.00	H
17833.75	-39.95	3.60	12.80	-30.75	-13.00	H

LTE Band 4, 1.4MHz, 64QAM, Channel 20393

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16909.38	-46.23	2.90	16.50	-32.63	-13.00	H
16972.50	-46.00	2.90	16.50	-32.40	-13.00	H
17225.62	-43.16	3.20	14.50	-31.86	-13.00	H
17522.50	-39.67	2.90	12.80	-29.77	-13.00	H
17528.75	-40.77	2.90	12.80	-30.87	-13.00	H
17831.88	-40.66	3.60	12.80	-31.46	-13.00	H

LTE Band 5, 1.4MHz, QPSK, Channel 20407

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7195.12	-53.04	1.80	12.00	-44.99	-13.00	V
7915.50	-52.50	1.70	11.30	-45.05	-13.00	H
8427.38	-52.30	1.80	11.30	-44.95	-13.00	H
9303.75	-51.22	2.00	11.60	-43.77	-13.00	H
9476.88	-51.34	2.10	11.60	-43.99	-13.00	V
9718.38	-51.45	2.20	11.20	-44.60	-13.00	H

LTE Band 5, 1.4MHz, QPSK, Channel 20525

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8501.25	-52.77	2.10	12.00	-45.02	-13.00	H
9107.50	-52.14	2.10	11.60	-44.79	-13.00	H
9223.62	-50.77	2.10	11.60	-43.42	-13.00	H
9470.62	-50.97	2.10	11.60	-43.62	-13.00	V
9673.38	-51.55	2.20	11.20	-44.70	-13.00	H
9795.00	-51.50	2.30	11.20	-44.75	-13.00	H

LTE Band 5, 1.4MHz, QPSK, Channel 20643

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8410.25	-52.36	1.80	11.30	-45.01	-13.00	H
9101.75	-51.04	2.20	11.60	-43.79	-13.00	H
9222.75	-51.19	2.10	11.60	-43.84	-13.00	H
9301.50	-50.84	2.00	11.60	-43.39	-13.00	H
9474.00	-51.00	2.10	11.60	-43.65	-13.00	V
9714.00	-51.90	2.20	11.20	-45.05	-13.00	H

LTE Band 5, 1.4MHz, 16QAM, Channel 20407

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7060.50	-52.84	1.80	12.00	-44.79	-13.00	V
8436.38	-51.89	1.80	11.30	-44.54	-13.00	H
9098.75	-51.12	2.20	11.60	-43.87	-13.00	H
9298.62	-51.31	2.00	11.60	-43.86	-13.00	H
9476.50	-50.93	2.10	11.60	-43.58	-13.00	V
9735.38	-50.60	2.20	11.20	-43.75	-13.00	H

LTE Band 5, 1.4MHz, 16QAM, Channel 20525

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7202.62	-53.28	1.80	12.00	-45.23	-13.00	V
8767.12	-53.14	1.90	12.00	-45.19	-13.00	H
9104.88	-52.22	2.20	11.60	-44.97	-13.00	H
9299.12	-51.30	2.00	11.60	-43.85	-13.00	H
9421.38	-51.11	2.10	11.60	-43.76	-13.00	H
9675.50	-51.03	2.20	11.20	-44.18	-13.00	H

LTE Band 5, 1.4MHz, 16QAM, Channel 20643

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
9091.75	-52.29	2.20	11.60	-45.04	-13.00	H
9101.00	-52.24	2.20	11.60	-44.99	-13.00	H
9221.50	-51.71	2.10	11.60	-44.36	-13.00	H
9297.75	-51.22	2.00	11.60	-43.77	-13.00	H
9473.50	-51.43	2.10	11.60	-44.08	-13.00	V
9747.50	-51.21	2.20	11.20	-44.36	-13.00	H

LTE Band 5, 1.4MHz, 64QAM, Channel 20407

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7327.50	-53.06	1.70	12.00	-44.91	-13.00	H
8718.38	-53.16	2.00	12.00	-45.31	-13.00	V
9099.38	-51.39	2.20	11.60	-44.14	-13.00	H
9225.12	-50.72	2.10	11.60	-43.37	-13.00	H
9475.25	-50.66	2.10	11.60	-43.31	-13.00	V
9680.38	-51.45	2.20	11.20	-44.60	-13.00	H

LTE Band 5, 1.4MHz, 64QAM, Channel 20525

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7236.38	-53.27	1.80	12.00	-45.22	-13.00	H
8475.75	-52.76	1.80	11.30	-45.41	-13.00	H
9090.75	-52.36	2.20	11.60	-45.11	-13.00	H
9296.75	-51.02	2.00	11.60	-43.57	-13.00	H
9478.88	-50.53	2.10	11.60	-43.18	-13.00	V
9728.12	-51.44	2.20	11.20	-44.59	-13.00	H

LTE Band 5, 1.4MHz, 64QAM, Channel 20643

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7320.00	-52.84	1.70	12.00	-44.69	-13.00	H
8451.75	-52.38	1.80	11.30	-45.03	-13.00	H
9098.50	-51.89	2.20	11.60	-44.64	-13.00	H
9299.00	-49.99	2.00	11.60	-42.54	-13.00	H
9478.12	-51.57	2.10	11.60	-44.22	-13.00	V
9740.88	-51.00	2.20	11.20	-44.15	-13.00	H

LTE Band 7, 5MHz, QPSK, Channel 20775

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16990.00	-48.15	2.90	16.50	-34.55	-25.00	H
17083.75	-46.55	2.90	14.50	-34.95	-25.00	H
17367.50	-46.17	3.20	14.50	-34.87	-25.00	H
17455.62	-46.34	2.90	14.50	-34.74	-25.00	H
17594.38	-44.75	3.30	12.80	-35.25	-25.00	H
17838.75	-43.34	3.60	12.80	-34.14	-25.00	H

LTE Band 7, 5MHz, QPSK, Channel 21100

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16960.62	-48.30	2.90	16.50	-34.70	-25.00	H
17163.12	-46.83	2.90	14.50	-35.23	-25.00	H
17300.00	-46.33	3.20	14.50	-35.03	-25.00	H
17469.38	-46.59	2.90	14.50	-34.99	-25.00	H
17563.12	-44.15	3.30	12.80	-34.65	-25.00	H
17828.75	-43.51	3.60	12.80	-34.31	-25.00	H

LTE Band 7, 5MHz, QPSK, Channel 21425

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16940.00	-48.08	2.90	16.50	-34.48	-25.00	H
17100.00	-46.76	2.90	14.50	-35.16	-25.00	H
17227.50	-46.08	3.20	14.50	-34.78	-25.00	H
17461.25	-45.94	2.90	14.50	-34.34	-25.00	H
17588.75	-44.33	3.30	12.80	-34.83	-25.00	H
17828.12	-43.86	3.60	12.80	-34.66	-25.00	H

LTE Band 7, 5MHz, 16QAM, Channel 20775

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16986.88	-48.35	2.90	16.50	-34.75	-25.00	H
17148.12	-46.53	2.90	14.50	-34.93	-25.00	H
17320.00	-45.86	3.20	14.50	-34.56	-25.00	H
17420.00	-46.32	2.90	14.50	-34.72	-25.00	H
17605.00	-44.52	3.30	12.80	-35.02	-25.00	H
17806.25	-44.02	3.60	12.80	-34.82	-25.00	H

LTE Band 7, 5MHz, 16QAM, Channel 21100

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16982.50	-48.80	2.90	16.50	-35.20	-25.00	H
17128.12	-45.95	2.90	14.50	-34.35	-25.00	H
17365.62	-46.03	3.20	14.50	-34.73	-25.00	H
17504.38	-45.14	2.90	12.80	-35.24	-25.00	H
17596.25	-44.23	3.30	12.80	-34.73	-25.00	H
17800.00	-44.25	3.60	12.80	-35.05	-25.00	H

LTE Band 7, 5MHz, 16QAM, Channel 21425

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16988.75	-47.98	2.90	16.50	-34.38	-25.00	H
17205.00	-46.00	2.90	14.50	-34.40	-25.00	H
17361.88	-46.33	3.20	14.50	-35.03	-25.00	H
17524.38	-44.89	2.90	12.80	-34.99	-25.00	H
17630.00	-44.05	3.30	12.80	-34.55	-25.00	H
17838.75	-44.01	3.60	12.80	-34.81	-25.00	H

LTE Band 7, 5MHz, 64QAM, Channel 20775

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16928.12	-48.01	2.90	16.50	-34.41	-25.00	H
17188.12	-46.76	2.90	14.50	-35.16	-25.00	H
17276.88	-45.69	3.20	14.50	-34.39	-25.00	H
17432.50	-46.56	2.90	14.50	-34.96	-25.00	H
17593.75	-43.92	3.30	12.80	-34.42	-25.00	H
17769.38	-43.60	3.60	12.80	-34.40	-25.00	H

LTE Band 7, 5MHz, 64QAM, Channel 21100

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16957.50	-47.94	2.90	16.50	-34.34	-25.00	H
17196.88	-46.61	2.90	14.50	-35.01	-25.00	H
17283.12	-45.79	3.20	14.50	-34.49	-25.00	H
17505.00	-44.92	2.90	12.80	-35.02	-25.00	H
17580.62	-44.61	3.30	12.80	-35.11	-25.00	H
17838.12	-43.50	3.60	12.80	-34.30	-25.00	H

LTE Band 7, 5MHz, 64QAM, Channel 21425

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16918.75	-48.02	2.90	16.50	-34.42	-25.00	H
17208.12	-46.75	2.90	14.50	-35.15	-25.00	H
17285.62	-46.44	3.20	14.50	-35.14	-25.00	H
17518.12	-44.70	2.90	12.80	-34.80	-25.00	H
17567.50	-44.68	3.30	12.80	-35.18	-25.00	H
17835.62	-44.39	3.60	12.80	-35.19	-25.00	H

LTE Band 12, 1.4MHz, QPSK, Channel 23017

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7358.25	-53.66	1.70	12.00	-45.51	-13.00	H
8426.62	-52.38	1.80	11.30	-45.03	-13.00	H
9102.12	-51.99	2.20	11.60	-44.74	-13.00	H
9298.88	-50.14	2.00	11.60	-42.69	-13.00	H
9474.12	-51.72	2.10	11.60	-44.37	-13.00	V
9741.00	-51.27	2.20	11.20	-44.42	-13.00	H

LTE Band 12, 1.4MHz, QPSK, Channel 23095

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8470.50	-52.83	1.80	11.30	-45.48	-13.00	H
8703.75	-53.36	2.00	12.00	-45.51	-13.00	H
9099.38	-52.15	2.20	11.60	-44.90	-13.00	H
9302.50	-50.69	2.00	11.60	-43.24	-13.00	H
9472.62	-50.70	2.10	11.60	-43.35	-13.00	V
9722.62	-51.34	2.20	11.20	-44.49	-13.00	H

LTE Band 12, 1.4MHz, QPSK, Channel 23173

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8491.88	-52.63	1.80	11.30	-45.28	-13.00	H
8566.88	-52.81	2.10	12.00	-45.06	-13.00	H
9102.25	-51.41	2.20	11.60	-44.16	-13.00	H
9299.00	-50.91	2.00	11.60	-43.46	-13.00	H
9474.25	-50.99	2.10	11.60	-43.64	-13.00	V
9733.62	-51.35	2.20	11.20	-44.50	-13.00	H

LTE Band 12, 1.4MHz, 16QAM, Channel 23017

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8418.75	-52.84	1.80	11.30	-45.49	-13.00	H
8650.88	-53.09	2.00	12.00	-45.24	-13.00	H
9100.75	-51.71	2.20	11.60	-44.46	-13.00	H
9298.00	-51.24	2.00	11.60	-43.79	-13.00	H
9474.00	-51.03	2.10	11.60	-43.68	-13.00	V
9754.25	-51.22	2.20	11.20	-44.37	-13.00	H

LTE Band 12, 1.4MHz, 16QAM, Channel 23095

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7204.12	-53.40	1.80	12.00	-45.35	-13.00	V
8404.12	-52.51	1.80	11.30	-45.16	-13.00	H
9099.38	-52.44	2.20	11.60	-45.19	-13.00	H
9303.00	-50.70	2.00	11.60	-43.25	-13.00	H
9425.00	-51.30	2.10	11.60	-43.95	-13.00	H
9724.62	-50.80	2.20	11.20	-43.95	-13.00	H

LTE Band 12, 1.4MHz, 16QAM, Channel 23173

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7118.62	-53.49	1.90	12.00	-45.54	-13.00	H
8429.62	-53.00	1.80	11.30	-45.65	-13.00	H
9103.88	-51.53	2.20	11.60	-44.28	-13.00	H
9294.88	-50.59	2.00	11.60	-43.14	-13.00	H
9477.75	-51.08	2.10	11.60	-43.73	-13.00	V
9729.62	-51.67	2.20	11.20	-44.82	-13.00	H

LTE Band 12, 1.4MHz, 64QAM, Channel 23017

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7195.12	-53.25	1.80	12.00	-45.20	-13.00	V
8433.00	-51.75	1.80	11.30	-44.40	-13.00	H
9103.25	-52.32	2.20	11.60	-45.07	-13.00	H
9300.88	-50.64	2.00	11.60	-43.19	-13.00	H
9474.25	-51.02	2.10	11.60	-43.67	-13.00	V
9721.12	-51.33	2.20	11.20	-44.48	-13.00	H

LTE Band 12, 1.4MHz, 64QAM, Channel 23095

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8424.75	-52.61	1.80	11.30	-45.26	-13.00	H
8588.62	-53.26	2.00	12.00	-45.41	-13.00	H
9097.62	-51.57	2.20	11.60	-44.32	-13.00	H
9299.12	-51.13	2.00	11.60	-43.68	-13.00	H
9473.75	-51.55	2.10	11.60	-44.20	-13.00	V
9736.38	-51.48	2.20	11.20	-44.63	-13.00	H

LTE Band 12, 1.4MHz, 64QAM, Channel 23173

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7329.38	-52.97	1.70	12.00	-44.82	-13.00	V
8549.62	-53.14	2.10	12.00	-45.39	-13.00	H
9103.88	-51.44	2.20	11.60	-44.19	-13.00	H
9300.25	-51.15	2.00	11.60	-43.70	-13.00	H
9480.88	-51.57	2.10	11.60	-44.22	-13.00	V
9744.62	-51.38	2.20	11.20	-44.53	-13.00	H

LTE Band 13, 5MHz, QPSK, Channel 23205

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
1566.50	-59.65	0.70	8.10	-54.40	-40.00	V
8655.75	-52.99	2.00	12.00	-45.14	-13.00	H
9102.62	-51.85	2.20	11.60	-44.60	-13.00	H
9296.25	-49.58	2.00	11.60	-42.13	-13.00	H
9475.25	-51.20	2.10	11.60	-43.85	-13.00	V
9732.88	-51.27	2.20	11.20	-44.42	-13.00	H

LTE Band 13, 5MHz, QPSK, Channel 23230

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
1564.00	-59.93	0.70	8.10	-54.68	-40.00	V
9099.12	-51.93	2.20	11.60	-44.68	-13.00	H
9302.25	-50.85	2.00	11.60	-43.40	-13.00	H
9425.25	-50.89	2.10	11.60	-43.54	-13.00	H
9738.75	-51.67	2.20	11.20	-44.82	-13.00	H
9797.38	-51.65	2.30	11.20	-44.90	-13.00	H

LTE Band 13, 5MHz, QPSK, Channel 23255

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
1567.50	-59.93	0.70	8.10	-54.68	-40.00	H
9099.12	-51.95	2.20	11.60	-44.70	-13.00	H
9225.25	-51.30	2.10	11.60	-43.95	-13.00	H
9475.25	-51.11	2.10	11.60	-43.76	-13.00	V
9759.25	-51.51	2.20	11.20	-44.66	-13.00	H
9918.62	-51.69	2.20	11.20	-44.84	-13.00	H

LTE Band 13, 5MHz, 16QAM, Channel 23205

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
1570.00	-59.49	0.70	8.10	-54.24	-40.00	V
9100.75	-52.18	2.20	11.60	-44.93	-13.00	H
9300.62	-50.85	2.00	11.60	-43.40	-13.00	H
9473.25	-51.75	2.10	11.60	-44.40	-13.00	V
9737.00	-51.19	2.20	11.20	-44.34	-13.00	H
9793.62	-52.10	2.30	11.20	-45.35	-13.00	V

LTE Band 13, 5MHz, 16QAM, Channel 23230

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
1570.50	-59.59	0.70	8.10	-54.34	-40.00	V
9102.62	-51.61	2.20	11.60	-44.36	-13.00	H
9222.38	-50.68	2.10	11.60	-43.33	-13.00	H
9476.50	-51.47	2.10	11.60	-44.12	-13.00	V
9730.38	-51.61	2.20	11.20	-44.76	-13.00	H
9983.62	-51.97	2.20	11.20	-45.12	-13.00	H

LTE Band 13, 5MHz, 16QAM, Channel 23255

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
1566.50	-59.11	0.70	8.10	-53.86	-40.00	V
8587.50	-53.17	2.00	12.00	-45.32	-13.00	V
9091.62	-51.79	2.20	11.60	-44.54	-13.00	H
9303.00	-51.47	2.00	11.60	-44.02	-13.00	H
9473.88	-50.94	2.10	11.60	-43.59	-13.00	V
9738.62	-51.51	2.20	11.20	-44.66	-13.00	H

LTE Band 13, 5MHz, 64QAM, Channel 23205

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
1568.50	-59.85	0.70	8.10	-54.60	-40.00	V
9100.25	-51.91	2.20	11.60	-44.66	-13.00	H
9301.88	-50.73	2.00	11.60	-43.28	-13.00	H
9475.00	-50.99	2.10	11.60	-43.64	-13.00	V
9728.88	-51.32	2.20	11.20	-44.47	-13.00	H
9797.75	-51.29	2.30	11.20	-44.54	-13.00	H

LTE Band 13, 5MHz, 64QAM, Channel 23230

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
1569.00	-59.37	0.70	8.10	-54.12	-40.00	V
9103.62	-51.84	2.20	11.60	-44.59	-13.00	H
9299.88	-51.35	2.00	11.60	-43.90	-13.00	H
9425.12	-50.49	2.10	11.60	-43.14	-13.00	H
9761.38	-51.35	2.20	11.20	-44.50	-13.00	H
9928.38	-51.93	2.20	11.20	-45.08	-13.00	H

LTE Band 13, 5MHz, 64QAM, Channel 23255

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
1581.00	-60.15	0.70	8.10	-54.90	-40.00	V
8412.38	-51.39	1.80	11.30	-44.04	-13.00	H
9224.88	-50.50	2.10	11.60	-43.15	-13.00	H
9477.75	-51.69	2.10	11.60	-44.34	-13.00	V
9748.12	-51.06	2.20	11.20	-44.21	-13.00	H
9790.88	-51.02	2.30	11.20	-44.27	-13.00	H

LTE Band 17, 1.4MHz, QPSK, Channel 23755

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8405.25	-52.57	1.80	11.30	-45.22	-13.00	V
8740.50	-53.24	2.00	12.00	-45.39	-13.00	V
9118.25	-52.34	2.10	11.60	-44.99	-13.00	V
9298.38	-50.54	2.00	11.60	-43.09	-13.00	H
9426.38	-51.80	2.10	11.60	-44.45	-13.00	H
9740.00	-51.42	2.20	11.20	-44.57	-13.00	H

LTE Band 17, 1.4MHz, QPSK, Channel 23790

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7368.38	-53.11	1.70	12.00	-44.96	-13.00	H
8421.00	-52.77	1.80	11.30	-45.42	-13.00	V
9100.00	-51.95	2.20	11.60	-44.70	-13.00	H
9221.00	-51.13	2.10	11.60	-43.78	-13.00	H
9476.62	-50.80	2.10	11.60	-43.45	-13.00	V
9764.62	-50.96	2.30	11.20	-44.21	-13.00	H

LTE Band 17, 1.4MHz, QPSK, Channel 23825

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7069.50	-53.91	1.80	12.00	-45.86	-13.00	H
8433.00	-52.07	1.80	11.30	-44.72	-13.00	H
9098.88	-51.11	2.20	11.60	-43.86	-13.00	H
9224.88	-51.03	2.10	11.60	-43.68	-13.00	H
9463.88	-51.45	2.10	11.60	-44.10	-13.00	V
9743.00	-51.71	2.20	11.20	-44.86	-13.00	H

LTE Band 17, 1.4MHz, 16QAM, Channel 23755

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8382.38	-52.13	1.80	11.30	-44.78	-13.00	H
8516.25	-52.99	2.10	12.00	-45.24	-13.00	H
9091.12	-51.38	2.20	11.60	-44.13	-13.00	H
9215.25	-50.82	2.10	11.60	-43.47	-13.00	H
9476.62	-51.38	2.10	11.60	-44.03	-13.00	V
9752.50	-51.34	2.20	11.20	-44.49	-13.00	H

LTE Band 17, 1.4MHz, 16QAM, Channel 23790

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7348.12	-53.08	1.70	12.00	-44.93	-13.00	H
8385.38	-52.51	1.80	11.30	-45.16	-13.00	H
9093.38	-51.71	2.20	11.60	-44.46	-13.00	H
9221.25	-50.94	2.10	11.60	-43.59	-13.00	H
9472.25	-51.68	2.10	11.60	-44.33	-13.00	V
9732.62	-51.32	2.20	11.20	-44.47	-13.00	H

LTE Band 17, 1.4MHz, 16QAM, Channel 23825

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7317.38	-53.58	1.70	12.00	-45.43	-13.00	H
8442.38	-52.55	1.80	11.30	-45.20	-13.00	H
9099.12	-51.86	2.20	11.60	-44.61	-13.00	H
9302.00	-50.51	2.00	11.60	-43.06	-13.00	H
9474.38	-50.96	2.10	11.60	-43.61	-13.00	V
9738.62	-51.28	2.20	11.20	-44.43	-13.00	H

LTE Band 17, 1.4MHz, 64QAM, Channel 23755

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7258.88	-53.31	1.90	12.00	-45.36	-13.00	H
8445.75	-52.80	1.80	11.30	-45.45	-13.00	H
9099.50	-52.23	2.20	11.60	-44.98	-13.00	H
9226.25	-50.70	2.10	11.60	-43.35	-13.00	H
9474.25	-51.68	2.10	11.60	-44.33	-13.00	V
9735.12	-50.82	2.20	11.20	-43.97	-13.00	H

LTE Band 17, 1.4MHz, 64QAM, Channel 23790

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7316.25	-53.43	1.70	12.00	-45.28	-13.00	H
8608.88	-52.48	2.00	12.00	-44.63	-13.00	H
9095.12	-52.08	2.20	11.60	-44.83	-13.00	H
9219.88	-50.83	2.10	11.60	-43.48	-13.00	H
9474.50	-51.63	2.10	11.60	-44.28	-13.00	V
9728.75	-50.82	2.20	11.20	-43.97	-13.00	H

LTE Band 17, 1.4MHz, 64QAM, Channel 23825

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7211.25	-53.44	1.80	12.00	-45.39	-13.00	H
8473.88	-52.66	1.80	11.30	-45.31	-13.00	H
9104.50	-52.16	2.20	11.60	-44.91	-13.00	H
9232.50	-51.23	2.10	11.60	-43.88	-13.00	H
9424.75	-51.68	2.10	11.60	-44.33	-13.00	H
9726.88	-51.21	2.20	11.20	-44.36	-13.00	H

LTE Band 26(824MHz-849MHz), 1.4MHz, QPSK, Channel 26797

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8700.50	-52.38	2.00	12.00	-44.53	-13.00	H
9102.75	-51.76	2.20	11.60	-44.51	-13.00	H
9219.50	-51.04	2.10	11.60	-43.69	-13.00	H
9291.50	-50.97	2.00	11.60	-43.52	-13.00	H
9419.00	-51.52	2.10	11.60	-44.17	-13.00	H
9475.00	-50.75	2.10	11.60	-43.40	-13.00	V

LTE Band 26(824MHz-849MHz), 1.4MHz, QPSK, Channel 26915

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8431.12	-52.48	1.80	11.30	-45.13	-13.00	H
8748.75	-53.26	2.00	12.00	-45.41	-13.00	H
9101.38	-51.73	2.20	11.60	-44.48	-13.00	H
9296.50	-50.41	2.00	11.60	-42.96	-13.00	H
9424.88	-51.36	2.10	11.60	-44.01	-13.00	H
9723.62	-51.31	2.20	11.20	-44.46	-13.00	H

LTE Band 26(824MHz-849MHz), 1.4MHz, QPSK, Channel 27033

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7214.25	-53.37	1.80	12.00	-45.32	-13.00	H
8377.88	-51.48	1.80	11.30	-44.13	-13.00	H
9104.75	-51.94	2.20	11.60	-44.69	-13.00	H
9296.62	-50.99	2.00	11.60	-43.54	-13.00	H
9480.75	-52.01	2.10	11.60	-44.66	-13.00	V
9745.38	-51.67	2.20	11.20	-44.82	-13.00	H

LTE Band 26(824MHz-849MHz), 1.4MHz, 16QAM, Channel 26797

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8374.88	-52.22	1.80	11.30	-44.87	-13.00	H
9095.75	-51.47	2.20	11.60	-44.22	-13.00	H
9222.00	-50.24	2.10	11.60	-42.89	-13.00	H
9472.12	-50.71	2.10	11.60	-43.36	-13.00	V
9748.00	-50.73	2.20	11.20	-43.88	-13.00	H
9798.38	-51.33	2.30	11.20	-44.58	-13.00	H

LTE Band 26(824MHz-849MHz), 1.4MHz, 16QAM, Channel 26915

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8425.88	-52.53	1.80	11.30	-45.18	-13.00	H
8609.62	-53.04	2.00	12.00	-45.19	-13.00	H
9092.75	-52.04	2.20	11.60	-44.79	-13.00	H
9298.75	-50.56	2.00	11.60	-43.11	-13.00	H
9474.75	-51.08	2.10	11.60	-43.73	-13.00	V
9741.88	-51.20	2.20	11.20	-44.35	-13.00	H

LTE Band 26(824MHz-849MHz), 1.4MHz, 16QAM, Channel 27033

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7143.75	-52.83	1.90	12.00	-44.88	-13.00	H
7898.62	-52.67	1.70	11.30	-45.22	-13.00	H
9096.12	-51.76	2.20	11.60	-44.51	-13.00	H
9226.00	-50.59	2.10	11.60	-43.24	-13.00	H
9473.88	-51.14	2.10	11.60	-43.79	-13.00	V
9734.38	-51.41	2.20	11.20	-44.56	-13.00	H

LTE Band 26(824MHz-849MHz), 1.4MHz, 64QAM, Channel 26797

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8161.12	-52.32	1.80	11.30	-44.97	-13.00	H
9091.00	-51.98	2.20	11.60	-44.73	-13.00	H
9300.88	-49.71	2.00	11.60	-42.26	-13.00	H
9473.88	-50.91	2.10	11.60	-43.56	-13.00	V
9735.00	-50.26	2.20	11.20	-43.41	-13.00	H
9804.75	-50.94	2.30	11.20	-44.19	-13.00	H

LTE Band 26(824MHz-849MHz), 1.4MHz, 64QAM, Channel 26915

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8744.62	-52.90	2.00	12.00	-45.05	-13.00	H
9101.50	-51.59	2.20	11.60	-44.34	-13.00	H
9300.62	-50.69	2.00	11.60	-43.24	-13.00	H
9420.00	-51.64	2.10	11.60	-44.29	-13.00	H
9730.62	-51.63	2.20	11.20	-44.78	-13.00	H
9790.88	-51.60	2.30	11.20	-44.85	-13.00	H

LTE Band 26(824MHz-849MHz), 1.4MHz, 64QAM, Channel 27033

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8474.25	-51.25	1.80	11.30	-43.90	-13.00	H
9103.00	-51.87	2.20	11.60	-44.62	-13.00	H
9223.88	-50.67	2.10	11.60	-43.32	-13.00	H
9473.00	-51.71	2.10	11.60	-44.36	-13.00	V
9745.88	-51.30	2.20	11.20	-44.45	-13.00	H
9791.62	-51.18	2.30	11.20	-44.43	-13.00	H

LTE Band 26(814MHz-824MHz), 1.4MHz, QPSK, Channel 26697

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7060.50	-53.65	1.80	12.00	-45.60	-13.00	V
8652.00	-53.21	2.00	12.00	-45.36	-13.00	H
9102.00	-52.02	2.20	11.60	-44.77	-13.00	H
9312.75	-50.51	2.00	11.60	-43.06	-13.00	H
9473.12	-51.14	2.10	11.60	-43.79	-13.00	V
9751.88	-51.15	2.20	11.20	-44.30	-13.00	H

LTE Band 26(814MHz-824MHz), 1.4MHz, QPSK, Channel 26740

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8406.75	-52.68	1.80	11.30	-45.33	-13.00	H
8771.62	-53.56	1.90	12.00	-45.61	-13.00	H
9097.12	-52.15	2.20	11.60	-44.90	-13.00	H
9296.88	-51.21	2.00	11.60	-43.76	-13.00	H
9474.38	-51.63	2.10	11.60	-44.28	-13.00	V
9788.62	-51.45	2.30	11.20	-44.70	-13.00	H

LTE Band 26(814MHz-824MHz), 1.4MHz, QPSK, Channel 26783

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7264.12	-53.04	1.90	12.00	-45.09	-13.00	V
9103.88	-51.09	2.20	11.60	-43.84	-13.00	H
9299.75	-50.42	2.00	11.60	-42.97	-13.00	H
9423.25	-51.46	2.10	11.60	-44.11	-13.00	H
9720.62	-51.24	2.20	11.20	-44.39	-13.00	H
9800.50	-50.99	2.30	11.20	-44.24	-13.00	H

LTE Band 26(814MHz-824MHz), 1.4MHz, 16QAM, Channel 26697

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8710.12	-52.85	2.00	12.00	-45.00	-13.00	H
9103.50	-52.10	2.20	11.60	-44.85	-13.00	H
9299.75	-50.20	2.00	11.60	-42.75	-13.00	H
9473.00	-50.35	2.10	11.60	-43.00	-13.00	V
9745.75	-51.30	2.20	11.20	-44.45	-13.00	H
9803.00	-51.59	2.30	11.20	-44.84	-13.00	H

LTE Band 26(814MHz-824MHz), 1.4MHz, 16QAM, Channel 26740

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8730.38	-52.86	2.00	12.00	-45.01	-13.00	H
9091.50	-52.06	2.20	11.60	-44.81	-13.00	H
9224.75	-50.04	2.10	11.60	-42.69	-13.00	H
9471.50	-51.44	2.10	11.60	-44.09	-13.00	V
9740.50	-50.94	2.20	11.20	-44.09	-13.00	H
9789.50	-51.15	2.30	11.20	-44.40	-13.00	H

LTE Band 26(814MHz-824MHz), 1.4MHz, 16QAM, Channel 26783

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7323.75	-52.79	1.70	12.00	-44.64	-13.00	V
8450.62	-52.63	1.80	11.30	-45.28	-13.00	H
9111.38	-51.98	2.10	11.60	-44.63	-13.00	H
9312.00	-50.30	2.00	11.60	-42.85	-13.00	H
9470.25	-51.03	2.10	11.60	-43.68	-13.00	V
9742.25	-51.53	2.20	11.20	-44.68	-13.00	H

LTE Band 26(814MHz-824MHz), 1.4MHz, 64QAM, Channel 26697

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8462.25	-52.98	1.80	11.30	-45.63	-13.00	H
9094.75	-52.31	2.20	11.60	-45.06	-13.00	H
9294.75	-49.64	2.00	11.60	-42.19	-13.00	H
9473.88	-51.58	2.10	11.60	-44.23	-13.00	V
9726.38	-51.30	2.20	11.20	-44.45	-13.00	H
9793.62	-51.38	2.30	11.20	-44.63	-13.00	H

LTE Band 26(814MHz-824MHz), 1.4MHz, 64QAM, Channel 26740

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8703.38	-51.61	2.00	12.00	-43.76	-13.00	H
9104.00	-51.72	2.20	11.60	-44.47	-13.00	H
9298.62	-50.90	2.00	11.60	-43.45	-13.00	H
9474.50	-51.57	2.10	11.60	-44.22	-13.00	V
9723.38	-51.73	2.20	11.20	-44.88	-13.00	H
9786.88	-51.20	2.30	11.20	-44.45	-13.00	H

LTE Band 26(814MHz-824MHz), 1.4MHz, 64QAM, Channel 26783

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7387.12	-53.44	1.70	12.00	-45.29	-13.00	H
8374.88	-52.81	1.80	11.30	-45.46	-13.00	H
9102.50	-52.28	2.20	11.60	-45.03	-13.00	H
9300.12	-50.63	2.00	11.60	-43.18	-13.00	H
9475.12	-50.77	2.10	11.60	-43.42	-13.00	V
9718.38	-51.42	2.20	11.20	-44.57	-13.00	H

LTE Band 38, 5MHz, QPSK, Channel 37775

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16951.88	-47.89	2.90	16.50	-34.29	-25.00	H
17143.75	-45.89	2.90	14.50	-34.29	-25.00	H
17368.12	-45.93	3.20	14.50	-34.63	-25.00	H
17513.12	-45.00	2.90	12.80	-35.10	-25.00	H
17578.12	-43.95	3.30	12.80	-34.45	-25.00	H
17836.25	-43.60	3.60	12.80	-34.40	-25.00	H

LTE Band 38, 5MHz, QPSK, Channel 38000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16946.88	-48.11	2.90	16.50	-34.51	-25.00	H
17162.50	-45.94	2.90	14.50	-34.34	-25.00	H
17368.12	-46.31	3.20	14.50	-35.01	-25.00	H
17512.50	-44.48	2.90	12.80	-34.58	-25.00	H
17620.00	-43.88	3.30	12.80	-34.38	-25.00	H
17774.38	-44.06	3.60	12.80	-34.86	-25.00	H

LTE Band 38, 5MHz, QPSK, Channel 38225

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16940.62	-47.92	2.90	16.50	-34.32	-25.00	H
17210.62	-46.13	2.90	14.50	-34.53	-25.00	H
17307.50	-46.47	3.20	14.50	-35.17	-25.00	H
17443.75	-46.80	2.90	14.50	-35.20	-25.00	H
17620.00	-44.36	3.30	12.80	-34.86	-25.00	H
17810.00	-43.64	3.60	12.80	-34.44	-25.00	H

LTE Band 38, 5MHz, 16QAM, Channel 37775

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16958.12	-48.05	2.90	16.50	-34.45	-25.00	H
17092.50	-46.79	2.90	14.50	-35.19	-25.00	H
17287.50	-45.78	3.20	14.50	-34.48	-25.00	H
17520.00	-44.50	2.90	12.80	-34.60	-25.00	H
17575.62	-44.21	3.30	12.80	-34.71	-25.00	H
17808.75	-44.14	3.60	12.80	-34.94	-25.00	H

LTE Band 38, 5MHz, 16QAM, Channel 38000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16993.75	-48.85	2.90	16.50	-35.25	-25.00	H
17210.62	-46.60	2.90	14.50	-35.00	-25.00	H
17298.75	-46.10	3.20	14.50	-34.80	-25.00	H
17512.50	-44.99	2.90	12.80	-35.09	-25.00	H
17591.88	-43.80	3.30	12.80	-34.30	-25.00	H
17816.88	-43.92	3.60	12.80	-34.72	-25.00	H

LTE Band 38, 5MHz, 16QAM, Channel 38225

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
17004.38	-46.41	2.90	14.50	-34.81	-25.00	H
17110.62	-46.73	2.90	14.50	-35.13	-25.00	H
17303.12	-46.47	3.20	14.50	-35.17	-25.00	H
17508.12	-44.81	2.90	12.80	-34.91	-25.00	H
17575.00	-44.72	3.30	12.80	-35.22	-25.00	H
17797.50	-43.62	3.60	12.80	-34.42	-25.00	H

LTE Band 38, 5MHz, 64QAM, Channel 37775

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16878.12	-48.21	2.90	16.50	-34.61	-25.00	H
16983.75	-47.94	2.90	16.50	-34.34	-25.00	H
17280.62	-46.36	3.20	14.50	-35.06	-25.00	H
17503.75	-44.42	2.90	12.80	-34.52	-25.00	H
17611.88	-44.44	3.30	12.80	-34.94	-25.00	H
17773.75	-44.24	3.60	12.80	-35.04	-25.00	H

LTE Band 38, 5MHz, 64QAM, Channel 38000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16941.25	-48.60	2.90	16.50	-35.00	-25.00	H
17119.38	-46.56	2.90	14.50	-34.96	-25.00	H
17358.12	-45.63	3.20	14.50	-34.33	-25.00	H
17511.25	-44.43	2.90	12.80	-34.53	-25.00	H
17625.00	-43.82	3.30	12.80	-34.32	-25.00	H
17837.50	-44.08	3.60	12.80	-34.88	-25.00	H

LTE Band 38, 5MHz, 64QAM, Channel 38225

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16950.62	-48.78	2.90	16.50	-35.18	-25.00	H
17092.50	-46.44	2.90	14.50	-34.84	-25.00	H
17350.62	-45.87	3.20	14.50	-34.57	-25.00	H
17418.12	-45.86	2.90	14.50	-34.26	-25.00	H
17575.00	-43.98	3.30	12.80	-34.48	-25.00	H
17695.00	-43.93	3.30	12.80	-34.43	-25.00	H

LTE Band 41, 5MHz, QPSK, Channel 40065

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16936.88	-48.50	2.90	16.50	-34.90	-25.00	H
17175.62	-46.85	2.90	14.50	-35.25	-25.00	H
17252.50	-46.37	3.20	14.50	-35.07	-25.00	H
17507.50	-44.29	2.90	12.80	-34.39	-25.00	H
17555.00	-44.75	2.90	12.80	-34.85	-25.00	H
17783.75	-43.57	3.60	12.80	-34.37	-25.00	H

LTE Band 41, 5MHz, QPSK, Channel 40640

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16980.00	-48.18	2.90	16.50	-34.58	-25.00	H
17181.25	-46.42	2.90	14.50	-34.82	-25.00	H
17270.62	-46.54	3.20	14.50	-35.24	-25.00	H
17522.50	-44.88	2.90	12.80	-34.98	-25.00	H
17603.75	-44.59	3.30	12.80	-35.09	-25.00	H
17839.38	-44.10	3.60	12.80	-34.90	-25.00	H

LTE Band 41, 5MHz, QPSK, Channel 41215

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16958.75	-47.88	2.90	16.50	-34.28	-25.00	H
17190.62	-46.04	2.90	14.50	-34.44	-25.00	H
17356.25	-46.51	3.20	14.50	-35.21	-25.00	H
17455.62	-46.36	2.90	14.50	-34.76	-25.00	H
17596.25	-43.82	3.30	12.80	-34.32	-25.00	H
17753.75	-44.08	3.60	12.80	-34.88	-25.00	H

LTE Band 41, 5MHz, 16QAM, Channel 40065

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16985.62	-48.55	2.90	16.50	-34.95	-25.00	H
17134.38	-46.30	2.90	14.50	-34.70	-25.00	H
17346.25	-45.95	3.20	14.50	-34.65	-25.00	H
17450.62	-45.87	2.90	14.50	-34.27	-25.00	H
17617.50	-43.78	3.30	12.80	-34.28	-25.00	H
17831.88	-43.39	3.60	12.80	-34.19	-25.00	H

LTE Band 41, 5MHz, 16QAM, Channel 40640

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16921.25	-48.69	2.90	16.50	-35.09	-25.00	H
17141.88	-46.15	2.90	14.50	-34.55	-25.00	H
17356.25	-45.64	3.20	14.50	-34.34	-25.00	H
17456.88	-46.26	2.90	14.50	-34.66	-25.00	H
17588.12	-44.55	3.30	12.80	-35.05	-25.00	H
17826.25	-43.84	3.60	12.80	-34.64	-25.00	H

LTE Band 41, 5MHz, 16QAM, Channel 41215

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16929.38	-47.94	2.90	16.50	-34.34	-25.00	H
17212.50	-46.04	2.90	14.50	-34.44	-25.00	H
17345.00	-46.13	3.20	14.50	-34.83	-25.00	H
17410.62	-46.64	2.90	14.50	-35.04	-25.00	H
17574.38	-44.06	3.30	12.80	-34.56	-25.00	H
17781.88	-44.17	3.60	12.80	-34.97	-25.00	H

LTE Band 41, 5MHz, 64QAM, Channel 40065

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16992.50	-48.62	2.90	16.50	-35.02	-25.00	H
17186.88	-46.14	2.90	14.50	-34.54	-25.00	H
17367.50	-46.12	3.20	14.50	-34.82	-25.00	H
17505.00	-44.59	2.90	12.80	-34.69	-25.00	H
17615.00	-44.31	3.30	12.80	-34.81	-25.00	H
17838.75	-43.48	3.60	12.80	-34.28	-25.00	H

LTE Band 41, 5MHz, 64QAM, Channel 40640

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16981.88	-48.57	2.90	16.50	-34.97	-25.00	H
17126.88	-46.59	2.90	14.50	-34.99	-25.00	H
17363.75	-45.73	3.20	14.50	-34.43	-25.00	H
17513.75	-44.47	2.90	12.80	-34.57	-25.00	H
17593.75	-44.43	3.30	12.80	-34.93	-25.00	H
17820.62	-43.54	3.60	12.80	-34.34	-25.00	H

LTE Band 41, 5MHz, 64QAM, Channel 41215

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16996.25	-48.64	2.90	16.50	-35.04	-25.00	H
17180.62	-46.51	2.90	14.50	-34.91	-25.00	H
17219.38	-46.11	3.20	14.50	-34.81	-25.00	H
17521.25	-44.79	2.90	12.80	-34.89	-25.00	H
17540.00	-44.85	2.90	12.80	-34.95	-25.00	H
17771.25	-43.57	3.60	12.80	-34.37	-25.00	H

LTE Band 66, 1.4MHz, QPSK, Channel 131979

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16996.88	-45.25	2.90	16.50	-31.65	-13.00	H
17163.75	-43.25	2.90	14.50	-31.65	-13.00	H
17235.00	-43.31	3.20	14.50	-32.01	-13.00	H
17468.12	-41.51	2.90	14.50	-29.91	-13.00	H
17620.62	-38.86	3.30	12.80	-29.36	-13.00	H
17691.25	-39.75	3.30	12.80	-30.25	-13.00	H

LTE Band 66, 1.4MHz, QPSK, Channel 132322

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16954.38	-43.79	2.90	16.50	-30.19	-13.00	H
17122.50	-43.14	2.90	14.50	-31.54	-13.00	H
17282.50	-42.24	3.20	14.50	-30.94	-13.00	H
17520.62	-39.34	2.90	12.80	-29.44	-13.00	H
17601.25	-38.81	3.30	12.80	-29.31	-13.00	H
17830.62	-38.15	3.60	12.80	-28.95	-13.00	H

LTE Band 66, 1.4MHz, QPSK, Channel 132665

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16970.00	-46.01	2.90	16.50	-32.41	-13.00	H
17213.75	-42.85	2.90	14.50	-31.25	-13.00	H
17270.62	-44.29	3.20	14.50	-32.99	-13.00	H
17501.88	-40.55	2.90	12.80	-30.65	-13.00	H
17566.25	-39.93	3.30	12.80	-30.43	-13.00	H
17838.75	-41.05	3.60	12.80	-31.85	-13.00	H

LTE Band 66, 1.4MHz, 16QAM, Channel 131979

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16954.38	-45.84	2.90	16.50	-32.24	-13.00	H
17176.25	-44.33	2.90	14.50	-32.73	-13.00	H
17298.75	-43.35	3.20	14.50	-32.05	-13.00	H
17513.75	-40.25	2.90	12.80	-30.35	-13.00	H
17557.50	-40.08	2.90	12.80	-30.18	-13.00	H
17817.50	-40.18	3.60	12.80	-30.98	-13.00	H

LTE Band 66, 1.4MHz, 16QAM, Channel 132322

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16938.75	-43.42	2.90	16.50	-29.82	-13.00	H
17151.25	-43.47	2.90	14.50	-31.87	-13.00	H
17290.00	-42.28	3.20	14.50	-30.98	-13.00	H
17503.75	-39.69	2.90	12.80	-29.79	-13.00	H
17637.50	-38.92	3.30	12.80	-29.42	-13.00	H
17830.62	-38.90	3.60	12.80	-29.70	-13.00	H

LTE Band 66, 1.4MHz, 16QAM, Channel 132665

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16982.50	-45.94	2.90	16.50	-32.34	-13.00	H
17184.38	-43.59	2.90	14.50	-31.99	-13.00	H
17274.38	-44.33	3.20	14.50	-33.03	-13.00	H
17521.25	-40.84	2.90	12.80	-30.94	-13.00	H
17533.12	-39.57	2.90	12.80	-29.67	-13.00	H
17834.38	-40.86	3.60	12.80	-31.66	-13.00	H

LTE Band 66, 1.4MHz, 64QAM, Channel 131979

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16914.38	-45.54	2.90	16.50	-31.94	-13.00	H
17145.62	-44.95	2.90	14.50	-33.35	-13.00	H
17235.00	-43.69	3.20	14.50	-32.39	-13.00	H
17432.50	-42.06	2.90	14.50	-30.46	-13.00	H
17620.62	-40.67	3.30	12.80	-31.17	-13.00	H
17793.75	-40.89	3.60	12.80	-31.69	-13.00	H

LTE Band 66, 1.4MHz, 64QAM, Channel 132322

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16865.62	-44.33	2.90	16.50	-30.73	-13.00	H
16944.38	-44.62	2.90	16.50	-31.02	-13.00	H
17280.62	-41.99	3.20	14.50	-30.69	-13.00	H
17513.75	-39.79	2.90	12.80	-29.89	-13.00	H
17621.88	-37.86	3.30	12.80	-28.36	-13.00	H
17823.12	-38.20	3.60	12.80	-29.00	-13.00	H

LTE Band 66, 1.4MHz, 64QAM, Channel 132665

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
17005.00	-43.40	2.90	14.50	-31.80	-13.00	H
17121.88	-44.47	2.90	14.50	-32.87	-13.00	H
17282.50	-44.02	3.20	14.50	-32.72	-13.00	H
17445.62	-42.25	2.90	14.50	-30.65	-13.00	H
17526.25	-41.00	2.90	12.80	-31.10	-13.00	H
17836.88	-40.44	3.60	12.80	-31.24	-13.00	H

Note: The maximum value of expanded measurement uncertainty for this test item is $U = 2.87\text{dB}(30\text{MHz}-3\text{GHz})/3.35\text{dB}(3\text{GHz}-18\text{GHz})/2.68\text{dB}(18\text{GHz}-40\text{GHz})$, $k = 2$

Lower antenna
LTE Band 2, 1.4MHz, QPSK, Channel 18607

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16963.75	-45.83	2.90	16.50	-32.23	-13.00	H
17206.25	-44.36	2.90	14.50	-32.76	-13.00	H
17317.50	-43.25	3.20	14.50	-31.95	-13.00	H
17448.12	-42.33	2.90	14.50	-30.73	-13.00	H
17621.25	-39.91	3.30	12.80	-30.41	-13.00	H
17817.50	-41.17	3.60	12.80	-31.97	-13.00	H

LTE Band 2, 1.4MHz, QPSK, Channel 18900

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16945.00	-44.26	2.90	16.50	-30.66	-13.00	H
17108.50	-43.05	2.90	14.50	-31.45	-13.00	H
17297.50	-42.69	3.20	14.50	-31.39	-13.00	H
17507.00	-40.10	2.90	12.80	-30.20	-13.00	H
17594.50	-39.29	3.30	12.80	-29.79	-13.00	H
17754.50	-39.91	3.60	12.80	-30.71	-13.00	H

LTE Band 2, 1.4MHz, QPSK, Channel 19193

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16953.12	-45.32	2.90	16.50	-31.72	-13.00	H
17119.38	-44.01	2.90	14.50	-32.41	-13.00	H
17367.50	-44.11	3.20	14.50	-32.81	-13.00	H
17458.75	-42.70	2.90	14.50	-31.10	-13.00	H
17578.75	-40.32	3.30	12.80	-30.82	-13.00	H
17793.75	-40.80	3.60	12.80	-31.60	-13.00	H

LTE Band 2, 1.4MHz, 16QAM, Channel 18607

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16963.12	-44.97	2.90	16.50	-31.37	-13.00	H
17185.00	-44.03	2.90	14.50	-32.43	-13.00	H
17225.00	-43.43	3.20	14.50	-32.13	-13.00	H
17443.75	-42.56	2.90	14.50	-30.96	-13.00	H
17568.75	-40.54	3.30	12.80	-31.04	-13.00	H
17839.38	-41.06	3.60	12.80	-31.86	-13.00	H

LTE Band 2, 1.4MHz, 16QAM, Channel 18900

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16963.12	-45.56	2.90	16.50	-31.96	-13.00	H
17208.12	-44.12	2.90	14.50	-32.52	-13.00	H
17278.75	-43.20	3.20	14.50	-31.90	-13.00	H
17398.12	-42.16	2.90	14.50	-30.56	-13.00	H
17528.12	-40.87	2.90	12.80	-30.97	-13.00	H
17788.75	-40.91	3.60	12.80	-31.71	-13.00	H

LTE Band 2, 1.4MHz, 16QAM, Channel 19193

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16958.75	-45.54	2.90	16.50	-31.94	-13.00	H
17195.00	-44.46	2.90	14.50	-32.86	-13.00	H
17301.88	-43.49	3.20	14.50	-32.19	-13.00	H
17433.12	-41.48	2.90	14.50	-29.88	-13.00	H
17572.50	-40.24	3.30	12.80	-30.74	-13.00	H
17836.88	-40.50	3.60	12.80	-31.30	-13.00	H

LTE Band 2, 1.4MHz, 64QAM, Channel 18607

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16956.88	-45.42	2.90	16.50	-31.82	-13.00	H
17118.75	-44.44	2.90	14.50	-32.84	-13.00	H
17268.12	-43.36	3.20	14.50	-32.06	-13.00	H
17406.88	-42.44	2.90	14.50	-30.84	-13.00	H
17620.62	-39.73	3.30	12.80	-30.23	-13.00	H
17819.38	-40.80	3.60	12.80	-31.60	-13.00	H

LTE Band 2, 1.4MHz, 64QAM, Channel 18900

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16977.50	-45.77	2.90	16.50	-32.17	-13.00	H
17159.38	-44.18	2.90	14.50	-32.58	-13.00	H
17226.88	-43.77	3.20	14.50	-32.47	-13.00	H
17488.12	-42.65	2.90	14.50	-31.05	-13.00	H
17531.88	-40.41	2.90	12.80	-30.51	-13.00	H
17818.12	-40.53	3.60	12.80	-31.33	-13.00	H

LTE Band 2, 1.4MHz, 64QAM, Channel 19193

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16990.62	-45.74	2.90	16.50	-32.14	-13.00	H
17215.00	-43.87	2.90	14.50	-32.27	-13.00	H
17345.62	-43.90	3.20	14.50	-32.60	-13.00	H
17523.75	-40.71	2.90	12.80	-30.81	-13.00	H
17601.88	-40.55	3.30	12.80	-31.05	-13.00	H
17817.50	-40.64	3.60	12.80	-31.44	-13.00	H

LTE Band 4, 1.4MHz, QPSK, Channel 19957

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16945.00	-46.14	2.90	16.50	-32.54	-13.00	H
17117.50	-44.65	2.90	14.50	-33.05	-13.00	H
17231.88	-43.88	3.20	14.50	-32.58	-13.00	H
17498.12	-42.99	2.90	14.50	-31.39	-13.00	H
17611.25	-39.98	3.30	12.80	-30.48	-13.00	H
17709.38	-41.33	3.30	12.80	-31.83	-13.00	H

LTE Band 4, 1.4MHz, QPSK, Channel 20175

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16485.62	-47.28	2.70	17.40	-32.58	-13.00	H
17008.12	-44.34	2.90	14.50	-32.74	-13.00	H
17295.62	-43.18	3.20	14.50	-31.88	-13.00	H
17435.62	-41.73	2.90	14.50	-30.13	-13.00	H
17593.75	-40.20	3.30	12.80	-30.70	-13.00	H
17789.38	-40.87	3.60	12.80	-31.67	-13.00	H

LTE Band 4, 1.4MHz, QPSK, Channel 20393

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16942.50	-44.89	2.90	16.50	-31.29	-13.00	H
17206.50	-42.91	2.90	14.50	-31.31	-13.00	H
17369.00	-41.60	3.20	14.50	-30.30	-13.00	H
17460.50	-41.04	2.90	14.50	-29.44	-13.00	H
17598.50	-39.15	3.30	12.80	-29.65	-13.00	H
17839.00	-39.40	3.60	12.80	-30.20	-13.00	H

LTE Band 4, 1.4MHz, 16QAM, Channel 19957

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16935.62	-46.00	2.90	16.50	-32.40	-13.00	H
17175.62	-44.43	2.90	14.50	-32.83	-13.00	H
17241.25	-43.62	3.20	14.50	-32.32	-13.00	H
17521.25	-40.90	2.90	12.80	-31.00	-13.00	H
17620.00	-40.40	3.30	12.80	-30.90	-13.00	H
17831.88	-40.22	3.60	12.80	-31.02	-13.00	H

LTE Band 4, 1.4MHz, 16QAM, Channel 20175

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16942.50	-45.74	2.90	16.50	-32.14	-13.00	H
17096.88	-44.41	2.90	14.50	-32.81	-13.00	H
17354.38	-43.21	3.20	14.50	-31.91	-13.00	H
17482.50	-42.73	2.90	14.50	-31.13	-13.00	H
17613.12	-39.98	3.30	12.80	-30.48	-13.00	H
17779.38	-41.00	3.60	12.80	-31.80	-13.00	H

LTE Band 4, 1.4MHz, 16QAM, Channel 20393

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16942.50	-45.76	2.90	16.50	-32.16	-13.00	H
17208.75	-44.40	2.90	14.50	-32.80	-13.00	H
17306.88	-43.57	3.20	14.50	-32.27	-13.00	H
17448.75	-42.15	2.90	14.50	-30.55	-13.00	H
17600.62	-40.42	3.30	12.80	-30.92	-13.00	H
17785.62	-40.62	3.60	12.80	-31.42	-13.00	H

LTE Band 4, 1.4MHz, 64QAM, Channel 19957

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16953.12	-45.27	2.90	16.50	-31.67	-13.00	H
17113.75	-44.31	2.90	14.50	-32.71	-13.00	H
17223.12	-43.69	3.20	14.50	-32.39	-13.00	H
17445.62	-42.49	2.90	14.50	-30.89	-13.00	H
17623.75	-39.99	3.30	12.80	-30.49	-13.00	H
17780.62	-40.59	3.60	12.80	-31.39	-13.00	H

LTE Band 4, 1.4MHz, 64QAM, Channel 20175

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16959.38	-45.28	2.90	16.50	-31.68	-13.00	H
17142.50	-44.36	2.90	14.50	-32.76	-13.00	H
17227.50	-43.60	3.20	14.50	-32.30	-13.00	H
17518.75	-39.62	2.90	12.80	-29.72	-13.00	H
17577.50	-39.95	3.30	12.80	-30.45	-13.00	H
17765.62	-40.72	3.60	12.80	-31.52	-13.00	H

LTE Band 4, 1.4MHz, 64QAM, Channel 20393

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16976.25	-45.85	2.90	16.50	-32.25	-13.00	H
17161.25	-44.18	2.90	14.50	-32.58	-13.00	H
17300.62	-42.98	3.20	14.50	-31.68	-13.00	H
17521.25	-39.93	2.90	12.80	-30.03	-13.00	H
17629.38	-40.74	3.30	12.80	-31.24	-13.00	H
17840.00	-40.68	3.60	12.80	-31.48	-13.00	H

LTE Band 5, 1.4MHz, QPSK, Channel 20407

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7336.12	-53.43	1.70	12.00	-45.28	-13.00	H
8431.88	-52.42	1.80	11.30	-45.07	-13.00	H
9098.88	-51.76	2.20	11.60	-44.51	-13.00	H
9300.38	-50.99	2.00	11.60	-43.54	-13.00	H
9422.50	-51.00	2.10	11.60	-43.65	-13.00	H
9725.12	-50.38	2.20	11.20	-43.53	-13.00	H

LTE Band 5, 1.4MHz, QPSK, Channel 20525

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8426.00	-51.96	1.80	11.30	-44.61	-13.00	H
9160.50	-51.56	2.10	11.60	-44.21	-13.00	H
9226.50	-50.45	2.10	11.60	-43.10	-13.00	H
9302.75	-50.55	2.00	11.60	-43.10	-13.00	H
9424.00	-51.23	2.10	11.60	-43.88	-13.00	H
9477.00	-51.02	2.10	11.60	-43.67	-13.00	V

LTE Band 5, 1.4MHz, QPSK, Channel 20643

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8878.88	-53.60	1.90	12.00	-45.65	-13.00	H
9099.62	-51.73	2.20	11.60	-44.48	-13.00	H
9226.50	-50.71	2.10	11.60	-43.36	-13.00	H
9424.00	-51.37	2.10	11.60	-44.02	-13.00	H
9727.62	-50.80	2.20	11.20	-43.95	-13.00	H
9802.38	-51.47	2.30	11.20	-44.72	-13.00	H

LTE Band 5, 1.4MHz, 16QAM, Channel 20407

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8476.12	-52.28	1.80	11.30	-44.93	-13.00	H
8804.25	-53.24	1.90	12.00	-45.29	-13.00	V
9100.50	-51.97	2.20	11.60	-44.72	-13.00	H
9300.38	-50.09	2.00	11.60	-42.64	-13.00	H
9474.00	-50.52	2.10	11.60	-43.17	-13.00	V
9742.88	-51.21	2.20	11.20	-44.36	-13.00	H

LTE Band 5, 1.4MHz, 16QAM, Channel 20525

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7318.12	-51.90	1.70	12.00	-43.75	-13.00	H
8424.00	-52.41	1.80	11.30	-45.06	-13.00	H
9099.12	-51.41	2.20	11.60	-44.16	-13.00	H
9301.38	-50.97	2.00	11.60	-43.52	-13.00	H
9432.75	-50.75	2.10	11.60	-43.40	-13.00	H
9741.38	-50.23	2.20	11.20	-43.38	-13.00	H

LTE Band 5, 1.4MHz, 16QAM, Channel 20643

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8435.62	-52.68	1.80	11.30	-45.33	-13.00	H
8662.88	-52.67	2.00	12.00	-44.82	-13.00	H
9101.25	-52.10	2.20	11.60	-44.85	-13.00	H
9300.62	-51.10	2.00	11.60	-43.65	-13.00	H
9474.12	-51.78	2.10	11.60	-44.43	-13.00	V
9713.38	-51.21	2.20	11.20	-44.36	-13.00	H

LTE Band 5, 1.4MHz, 64QAM, Channel 20407

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7052.62	-53.21	1.80	12.00	-45.16	-13.00	V
8472.38	-52.58	1.80	11.30	-45.23	-13.00	H
9099.25	-51.59	2.20	11.60	-44.34	-13.00	H
9225.38	-50.91	2.10	11.60	-43.56	-13.00	H
9473.38	-51.19	2.10	11.60	-43.84	-13.00	V
9759.88	-51.63	2.20	11.20	-44.78	-13.00	H

LTE Band 5, 1.4MHz, 64QAM, Channel 20525

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7263.00	-53.12	1.90	12.00	-45.17	-13.00	V
8439.38	-52.16	1.80	11.30	-44.81	-13.00	H
9100.62	-51.97	2.20	11.60	-44.72	-13.00	H
9300.00	-50.29	2.00	11.60	-42.84	-13.00	H
9469.50	-51.35	2.10	11.60	-44.00	-13.00	V
9740.25	-51.04	2.20	11.20	-44.19	-13.00	H

LTE Band 5, 1.4MHz, 64QAM, Channel 20643

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7072.88	-52.97	1.80	12.00	-44.92	-13.00	V
8530.88	-53.01	2.10	12.00	-45.26	-13.00	H
9102.50	-51.97	2.20	11.60	-44.72	-13.00	H
9297.62	-50.76	2.00	11.60	-43.31	-13.00	H
9477.88	-51.45	2.10	11.60	-44.10	-13.00	V
9736.50	-51.02	2.20	11.20	-44.17	-13.00	H

LTE Band 7, 5MHz, QPSK, Channel 20775

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16998.12	-47.93	2.90	16.50	-34.33	-25.00	H
17201.25	-46.81	2.90	14.50	-35.21	-25.00	H
17228.75	-45.56	3.20	14.50	-34.26	-25.00	H
17525.00	-45.08	2.90	12.80	-35.18	-25.00	H
17623.12	-44.66	3.30	12.80	-35.16	-25.00	H
17788.12	-43.82	3.60	12.80	-34.62	-25.00	H

LTE Band 7, 5MHz, QPSK, Channel 21100

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16990.50	-49.10	2.90	16.50	-35.50	-25.00	H
17202.50	-46.24	2.90	14.50	-34.64	-25.00	H
17368.00	-46.02	3.20	14.50	-34.72	-25.00	H
17461.00	-46.19	2.90	14.50	-34.59	-25.00	H
17591.50	-44.24	3.30	12.80	-34.74	-25.00	H
17821.00	-43.48	3.60	12.80	-34.28	-25.00	H

LTE Band 7, 5MHz, QPSK, Channel 21425

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16959.38	-48.17	2.90	16.50	-34.57	-25.00	H
17136.88	-46.60	2.90	14.50	-35.00	-25.00	H
17305.00	-45.70	3.20	14.50	-34.40	-25.00	H
17523.75	-44.20	2.90	12.80	-34.30	-25.00	H
17580.62	-44.72	3.30	12.80	-35.22	-25.00	H
17758.75	-44.09	3.60	12.80	-34.89	-25.00	H

LTE Band 7, 5MHz, 16QAM, Channel 20775

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16986.88	-48.58	2.90	16.50	-34.98	-25.00	H
17181.25	-46.53	2.90	14.50	-34.93	-25.00	H
17314.38	-45.85	3.20	14.50	-34.55	-25.00	H
17458.12	-46.36	2.90	14.50	-34.76	-25.00	H
17623.12	-44.39	3.30	12.80	-34.89	-25.00	H
17807.50	-44.37	3.60	12.80	-35.17	-25.00	H

LTE Band 7, 5MHz, 16QAM, Channel 21100

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16986.88	-48.10	2.90	16.50	-34.50	-25.00	H
17207.50	-46.78	2.90	14.50	-35.18	-25.00	H
17295.62	-46.03	3.20	14.50	-34.73	-25.00	H
17454.38	-45.82	2.90	14.50	-34.22	-25.00	H
17616.88	-44.71	3.30	12.80	-35.21	-25.00	H
17838.75	-43.71	3.60	12.80	-34.51	-25.00	H

LTE Band 7, 5MHz, 16QAM, Channel 21425

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16966.88	-48.30	2.90	16.50	-34.70	-25.00	H
17116.25	-46.33	2.90	14.50	-34.73	-25.00	H
17261.25	-45.94	3.20	14.50	-34.64	-25.00	H
17464.38	-46.28	2.90	14.50	-34.68	-25.00	H
17588.75	-44.83	3.30	12.80	-35.33	-25.00	H
17836.25	-43.67	3.60	12.80	-34.47	-25.00	H

LTE Band 7, 5MHz, 64QAM, Channel 20775

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16999.38	-48.92	2.90	16.50	-35.32	-25.00	H
17181.88	-46.64	2.90	14.50	-35.04	-25.00	H
17285.00	-46.37	3.20	14.50	-35.07	-25.00	H
17461.25	-46.46	2.90	14.50	-34.86	-25.00	H
17545.62	-44.56	2.90	12.80	-34.66	-25.00	H
17834.38	-43.94	3.60	12.80	-34.74	-25.00	H

LTE Band 7, 5MHz, 64QAM, Channel 21100

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16939.38	-48.29	2.90	16.50	-34.69	-25.00	H
17211.88	-46.72	2.90	14.50	-35.12	-25.00	H
17338.12	-46.10	3.20	14.50	-34.80	-25.00	H
17443.12	-46.23	2.90	14.50	-34.63	-25.00	H
17526.88	-44.98	2.90	12.80	-35.08	-25.00	H
17823.12	-43.60	3.60	12.80	-34.40	-25.00	H

LTE Band 7, 5MHz, 64QAM, Channel 21425

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16979.38	-48.88	2.90	16.50	-35.28	-25.00	H
17164.38	-46.18	2.90	14.50	-34.58	-25.00	H
17285.00	-45.60	3.20	14.50	-34.30	-25.00	H
17466.25	-46.54	2.90	14.50	-34.94	-25.00	H
17618.12	-44.16	3.30	12.80	-34.66	-25.00	H
17820.00	-44.01	3.60	12.80	-34.81	-25.00	H

LTE Band 12, 1.4MHz, QPSK, Channel 23017

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7186.50	-53.51	1.80	12.00	-45.46	-13.00	H
8409.00	-52.81	1.80	11.30	-45.46	-13.00	H
9102.50	-51.80	2.20	11.60	-44.55	-13.00	H
9302.12	-51.17	2.00	11.60	-43.72	-13.00	H
9474.75	-51.65	2.10	11.60	-44.30	-13.00	V
9741.25	-51.23	2.20	11.20	-44.38	-13.00	H

LTE Band 12, 1.4MHz, QPSK, Channel 23095

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8376.00	-51.45	1.80	11.30	-44.10	-13.00	H
8898.75	-52.54	1.90	12.00	-44.59	-13.00	H
9100.50	-51.56	2.20	11.60	-44.31	-13.00	H
9299.38	-50.49	2.00	11.60	-43.04	-13.00	H
9427.12	-50.65	2.10	11.60	-43.30	-13.00	H
9733.00	-50.16	2.20	11.20	-43.31	-13.00	H

LTE Band 12, 1.4MHz, QPSK, Channel 23173

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8423.50	-52.06	1.80	11.30	-44.71	-13.00	H
8724.00	-52.58	2.00	12.00	-44.73	-13.00	V
9151.50	-52.12	2.10	11.60	-44.77	-13.00	H
9227.00	-51.11	2.10	11.60	-43.76	-13.00	H
9302.50	-51.17	2.00	11.60	-43.72	-13.00	H
9425.50	-51.92	2.10	11.60	-44.57	-13.00	H

LTE Band 12, 1.4MHz, 16QAM, Channel 23017

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8434.88	-52.61	1.80	11.30	-45.26	-13.00	H
8838.38	-52.93	1.90	12.00	-44.98	-13.00	H
9095.62	-52.28	2.20	11.60	-45.03	-13.00	H
9303.50	-51.03	2.00	11.60	-43.58	-13.00	H
9474.88	-50.68	2.10	11.60	-43.33	-13.00	V
9731.50	-51.70	2.20	11.20	-44.85	-13.00	H

LTE Band 12, 1.4MHz, 16QAM, Channel 23095

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7276.12	-52.89	1.90	12.00	-44.94	-13.00	H
8472.00	-52.22	1.80	11.30	-44.87	-13.00	H
9102.75	-50.99	2.20	11.60	-43.74	-13.00	H
9303.75	-50.48	2.00	11.60	-43.03	-13.00	H
9474.25	-51.76	2.10	11.60	-44.41	-13.00	V
9733.38	-51.00	2.20	11.20	-44.15	-13.00	H

LTE Band 12, 1.4MHz, 16QAM, Channel 23173

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7220.62	-53.82	1.80	12.00	-45.77	-13.00	V
8376.75	-53.00	1.80	11.30	-45.65	-13.00	H
9106.75	-51.16	2.10	11.60	-43.81	-13.00	H
9226.62	-50.59	2.10	11.60	-43.24	-13.00	H
9472.88	-51.92	2.10	11.60	-44.57	-13.00	V
9747.12	-51.21	2.20	11.20	-44.36	-13.00	H

LTE Band 12, 1.4MHz, 64QAM, Channel 23017

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
6515.25	-54.05	1.70	12.40	-45.50	-13.00	V
8432.62	-52.08	1.80	11.30	-44.73	-13.00	H
9105.12	-51.26	2.20	11.60	-44.01	-13.00	H
9301.25	-51.13	2.00	11.60	-43.68	-13.00	H
9370.12	-51.32	2.00	11.60	-43.87	-13.00	V
9737.75	-51.32	2.20	11.20	-44.47	-13.00	H

LTE Band 12, 1.4MHz, 64QAM, Channel 23095

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8429.25	-52.64	1.80	11.30	-45.29	-13.00	V
8743.88	-52.01	2.00	12.00	-44.16	-13.00	H
9092.12	-52.10	2.20	11.60	-44.85	-13.00	H
9220.12	-51.26	2.10	11.60	-43.91	-13.00	H
9429.75	-51.60	2.10	11.60	-44.25	-13.00	H
9742.62	-51.55	2.20	11.20	-44.70	-13.00	H

LTE Band 12, 1.4MHz, 64QAM, Channel 23173

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7325.62	-52.96	1.70	12.00	-44.81	-13.00	H
8386.88	-51.98	1.80	11.30	-44.63	-13.00	H
9102.38	-51.58	2.20	11.60	-44.33	-13.00	H
9221.62	-51.09	2.10	11.60	-43.74	-13.00	H
9470.25	-51.68	2.10	11.60	-44.33	-13.00	V
9723.62	-50.99	2.20	11.20	-44.14	-13.00	H

LTE Band 13, 5MHz, QPSK, Channel 23205

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
1563.50	-60.08	0.70	8.10	-54.83	-40.00	V
8418.00	-51.32	1.80	11.30	-43.97	-13.00	H
9101.12	-51.62	2.20	11.60	-44.37	-13.00	H
9306.50	-51.32	2.00	11.60	-43.87	-13.00	H
9475.25	-51.21	2.10	11.60	-43.86	-13.00	V
9727.88	-51.11	2.20	11.20	-44.26	-13.00	H

LTE Band 13, 5MHz, QPSK, Channel 23230

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
1564.50	-59.99	0.70	8.10	-54.74	-40.00	V
9088.00	-52.18	2.20	11.60	-44.93	-13.00	V
9107.50	-52.31	2.10	11.60	-44.96	-13.00	H
9301.50	-50.10	2.00	11.60	-42.65	-13.00	H
9473.88	-51.42	2.10	11.60	-44.07	-13.00	V
9735.62	-51.18	2.20	11.20	-44.33	-13.00	H

LTE Band 13, 5MHz, QPSK, Channel 23255

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
1563.33	-59.52	0.70	8.10	-54.27	-40.00	V
9203.33	-51.91	2.10	11.60	-44.56	-13.00	V
9207.50	-50.38	2.10	11.60	-43.03	-13.00	H
9219.50	-51.56	2.10	11.60	-44.21	-13.00	H
9298.00	-51.01	2.00	11.60	-43.56	-13.00	H
9466.00	-51.19	2.10	11.60	-43.84	-13.00	V

LTE Band 13, 5MHz, 16QAM, Channel 23205

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
1579.50	-59.87	0.70	8.10	-54.62	-40.00	V
9100.75	-51.62	2.20	11.60	-44.37	-13.00	H
9300.75	-50.51	2.00	11.60	-43.06	-13.00	H
9474.50	-51.81	2.10	11.60	-44.46	-13.00	V
9736.00	-50.82	2.20	11.20	-43.97	-13.00	H
9991.88	-51.35	2.20	11.20	-44.50	-13.00	H

LTE Band 13, 5MHz, 16QAM, Channel 23230

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
1574.00	-59.34	0.70	8.10	-54.09	-40.00	V
9099.00	-52.12	2.20	11.60	-44.87	-13.00	H
9299.75	-50.75	2.00	11.60	-43.30	-13.00	H
9426.00	-51.79	2.10	11.60	-44.44	-13.00	H
9734.88	-51.45	2.20	11.20	-44.60	-13.00	H
9782.62	-50.82	2.30	11.20	-44.07	-13.00	H

LTE Band 13, 5MHz, 16QAM, Channel 23255

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
1571.00	-59.68	0.70	8.10	-54.43	-40.00	V
9097.00	-51.90	2.20	11.60	-44.65	-13.00	H
9220.75	-50.15	2.10	11.60	-42.80	-13.00	H
9474.00	-51.03	2.10	11.60	-43.68	-13.00	V
9739.00	-51.35	2.20	11.20	-44.50	-13.00	H
9798.00	-51.41	2.30	11.20	-44.66	-13.00	H

LTE Band 13, 5MHz, 64QAM, Channel 23205

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
1564.50	-60.45	0.70	8.10	-55.20	-40.00	H
9099.38	-51.67	2.20	11.60	-44.42	-13.00	H
9324.00	-51.37	2.00	11.60	-43.92	-13.00	V
9476.62	-51.74	2.10	11.60	-44.39	-13.00	V
9736.38	-51.41	2.20	11.20	-44.56	-13.00	H
9797.62	-51.65	2.30	11.20	-44.90	-13.00	H

LTE Band 13, 5MHz, 64QAM, Channel 23230

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
1572.00	-60.12	0.70	8.10	-54.87	-40.00	V
8426.25	-52.21	1.80	11.30	-44.86	-13.00	H
9097.75	-52.24	2.20	11.60	-44.99	-13.00	H
9297.00	-50.98	2.00	11.60	-43.53	-13.00	H
9475.88	-51.68	2.10	11.60	-44.33	-13.00	V
9722.25	-51.46	2.20	11.20	-44.61	-13.00	H

LTE Band 13, 5MHz, 64QAM, Channel 23255

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
1560.50	-59.24	0.70	8.10	-53.99	-40.00	V
9099.88	-51.44	2.20	11.60	-44.19	-13.00	H
9225.38	-51.04	2.10	11.60	-43.69	-13.00	H
9474.50	-51.21	2.10	11.60	-43.86	-13.00	V
9737.75	-50.91	2.20	11.20	-44.06	-13.00	H
9779.50	-51.52	2.30	11.20	-44.77	-13.00	V

LTE Band 17, 1.4MHz, QPSK, Channel 23755

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7150.12	-52.85	1.90	12.00	-44.90	-13.00	H
8461.12	-52.58	1.80	11.30	-45.23	-13.00	H
9096.88	-50.69	2.20	11.60	-43.44	-13.00	H
9301.88	-51.17	2.00	11.60	-43.72	-13.00	H
9474.00	-51.40	2.10	11.60	-44.05	-13.00	V
9738.12	-51.09	2.20	11.20	-44.24	-13.00	H

LTE Band 17, 1.4MHz, QPSK, Channel 23790

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7114.50	-53.43	1.90	12.00	-45.48	-13.00	H
7319.25	-53.81	1.70	12.00	-45.66	-13.00	V
9097.88	-51.70	2.20	11.60	-44.45	-13.00	H
9299.12	-50.59	2.00	11.60	-43.14	-13.00	H
9472.38	-51.65	2.10	11.60	-44.30	-13.00	V
9723.62	-51.47	2.20	11.20	-44.62	-13.00	H

LTE Band 17, 1.4MHz, QPSK, Channel 23825

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7209.38	-53.40	1.80	12.00	-45.35	-13.00	V
9103.38	-51.77	2.20	11.60	-44.52	-13.00	H
9298.88	-51.04	2.00	11.60	-43.59	-13.00	H
9422.25	-51.77	2.10	11.60	-44.42	-13.00	H
9733.12	-51.27	2.20	11.20	-44.42	-13.00	H
9790.50	-51.55	2.30	11.20	-44.80	-13.00	H

LTE Band 17, 1.4MHz, 16QAM, Channel 23755

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7210.50	-53.48	1.80	12.00	-45.43	-13.00	H
8439.00	-52.60	1.80	11.30	-45.25	-13.00	H
9095.50	-51.89	2.20	11.60	-44.64	-13.00	H
9299.38	-50.50	2.00	11.60	-43.05	-13.00	H
9471.50	-51.32	2.10	11.60	-43.97	-13.00	V
9743.50	-51.00	2.20	11.20	-44.15	-13.00	H

LTE Band 17, 1.4MHz, 16QAM, Channel 23790

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8426.62	-52.79	1.80	11.30	-45.44	-13.00	H
8563.12	-53.06	2.10	12.00	-45.31	-13.00	H
9099.88	-52.11	2.20	11.60	-44.86	-13.00	H
9226.62	-50.93	2.10	11.60	-43.58	-13.00	H
9478.25	-50.82	2.10	11.60	-43.47	-13.00	V
9740.62	-50.82	2.20	11.20	-43.97	-13.00	H

LTE Band 17, 1.4MHz, 16QAM, Channel 23825

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7105.12	-53.32	1.90	12.00	-45.37	-13.00	H
8467.12	-52.15	1.80	11.30	-44.80	-13.00	H
9102.25	-52.54	2.20	11.60	-45.29	-13.00	H
9298.75	-49.67	2.00	11.60	-42.22	-13.00	H
9473.25	-51.13	2.10	11.60	-43.78	-13.00	V
9759.75	-51.34	2.20	11.20	-44.49	-13.00	H

LTE Band 17, 1.4MHz, 64QAM, Channel 23755

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7392.38	-53.34	1.90	12.00	-45.39	-13.00	H
8360.62	-52.31	1.80	11.30	-44.96	-13.00	H
9110.62	-52.43	2.10	11.60	-45.08	-13.00	H
9300.12	-51.25	2.00	11.60	-43.80	-13.00	H
9471.00	-50.83	2.10	11.60	-43.48	-13.00	V
9727.00	-51.42	2.20	11.20	-44.57	-13.00	H

LTE Band 17, 1.4MHz, 64QAM, Channel 23790

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7322.25	-53.08	1.70	12.00	-44.93	-13.00	H
8436.00	-52.53	1.80	11.30	-45.18	-13.00	H
9110.62	-52.03	2.10	11.60	-44.68	-13.00	H
9300.38	-50.22	2.00	11.60	-42.77	-13.00	H
9423.12	-51.86	2.10	11.60	-44.51	-13.00	H
9757.62	-51.32	2.20	11.20	-44.47	-13.00	H

LTE Band 17, 1.4MHz, 64QAM, Channel 23825

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7330.88	-53.62	1.70	12.00	-45.47	-13.00	V
9108.50	-52.06	2.10	11.60	-44.71	-13.00	H
9297.38	-49.46	2.00	11.60	-42.01	-13.00	H
9476.00	-51.73	2.10	11.60	-44.38	-13.00	V
9747.50	-50.88	2.20	11.20	-44.03	-13.00	H
9780.62	-51.26	2.30	11.20	-44.51	-13.00	H

LTE Band 26(824MHz-849MHz), 1.4MHz, QPSK, Channel 26797

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7329.75	-53.64	1.70	12.00	-45.49	-13.00	V
8464.88	-52.83	1.80	11.30	-45.48	-13.00	V
9102.38	-51.98	2.20	11.60	-44.73	-13.00	H
9223.12	-50.57	2.10	11.60	-43.22	-13.00	H
9478.50	-51.29	2.10	11.60	-43.94	-13.00	V
9739.88	-51.28	2.20	11.20	-44.43	-13.00	H

LTE Band 26(824MHz-849MHz), 1.4MHz, QPSK, Channel 26915

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8432.25	-52.60	1.80	11.30	-45.25	-13.00	H
9102.75	-51.70	2.20	11.60	-44.45	-13.00	H
9224.38	-50.74	2.10	11.60	-43.39	-13.00	H
9475.12	-50.71	2.10	11.60	-43.36	-13.00	V
9761.62	-51.35	2.20	11.20	-44.50	-13.00	H
9800.25	-51.64	2.30	11.20	-44.89	-13.00	H

LTE Band 26(824MHz-849MHz), 1.4MHz, QPSK, Channel 27033

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8420.25	-51.75	1.80	11.30	-44.40	-13.00	H
9156.50	-51.59	2.10	11.60	-44.24	-13.00	H
9222.75	-50.14	2.10	11.60	-42.79	-13.00	H
9300.75	-50.94	2.00	11.60	-43.49	-13.00	H
9425.50	-51.85	2.10	11.60	-44.50	-13.00	H
9472.50	-51.73	2.10	11.60	-44.38	-13.00	V

LTE Band 26(824MHz-849MHz), 1.4MHz, 16QAM, Channel 26797

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7317.00	-53.52	1.70	12.00	-45.37	-13.00	V
8430.75	-52.08	1.80	11.30	-44.73	-13.00	H
9099.12	-52.15	2.20	11.60	-44.90	-13.00	H
9298.88	-50.97	2.00	11.60	-43.52	-13.00	H
9426.00	-51.63	2.10	11.60	-44.28	-13.00	H
9731.50	-51.25	2.20	11.20	-44.40	-13.00	H

LTE Band 26(824MHz-849MHz), 1.4MHz, 16QAM, Channel 26915

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7203.00	-52.96	1.80	12.00	-44.91	-13.00	V
8454.00	-52.66	1.80	11.30	-45.31	-13.00	H
9089.25	-51.79	2.20	11.60	-44.54	-13.00	H
9224.12	-50.99	2.10	11.60	-43.64	-13.00	H
9473.75	-51.18	2.10	11.60	-43.83	-13.00	V
9721.38	-51.25	2.20	11.20	-44.40	-13.00	H

LTE Band 26(824MHz-849MHz), 1.4MHz, 16QAM, Channel 27033

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8436.00	-52.39	1.80	11.30	-45.04	-13.00	H
9099.62	-52.41	2.20	11.60	-45.16	-13.00	H
9224.75	-50.48	2.10	11.60	-43.13	-13.00	H
9477.62	-51.22	2.10	11.60	-43.87	-13.00	V
9727.88	-51.47	2.20	11.20	-44.62	-13.00	H
9794.38	-51.74	2.30	11.20	-44.99	-13.00	H

LTE Band 26(824MHz-849MHz), 1.4MHz, 64QAM, Channel 26797

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8466.00	-51.31	1.80	11.30	-43.96	-13.00	H
9112.62	-51.88	2.10	11.60	-44.53	-13.00	H
9302.88	-51.31	2.00	11.60	-43.86	-13.00	H
9467.00	-50.97	2.10	11.60	-43.62	-13.00	V
9763.12	-50.28	2.20	11.20	-43.43	-13.00	H
9798.88	-51.85	2.30	11.20	-45.10	-13.00	H

LTE Band 26(824MHz-849MHz), 1.4MHz, 64QAM, Channel 26915

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8429.62	-52.70	1.80	11.30	-45.35	-13.00	H
8521.12	-52.66	2.10	12.00	-44.91	-13.00	H
9104.75	-52.33	2.20	11.60	-45.08	-13.00	H
9222.38	-50.58	2.10	11.60	-43.23	-13.00	H
9468.50	-51.59	2.10	11.60	-44.24	-13.00	V
9725.75	-50.80	2.20	11.20	-43.95	-13.00	H

LTE Band 26(824MHz-849MHz), 1.4MHz, 64QAM, Channel 27033

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7230.00	-52.90	1.80	12.00	-44.85	-13.00	H
8425.12	-52.38	1.80	11.30	-45.03	-13.00	H
9096.50	-51.98	2.20	11.60	-44.73	-13.00	H
9301.12	-50.34	2.00	11.60	-42.89	-13.00	H
9469.75	-51.47	2.10	11.60	-44.12	-13.00	V
9725.25	-51.41	2.20	11.20	-44.56	-13.00	H

LTE Band 26(814MHz-824MHz), 1.4MHz, QPSK, Channel 26697

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7196.62	-53.55	1.80	12.00	-45.50	-13.00	V
8431.12	-52.59	1.80	11.30	-45.24	-13.00	H
9101.50	-52.28	2.20	11.60	-45.03	-13.00	H
9225.12	-51.24	2.10	11.60	-43.89	-13.00	H
9473.50	-50.98	2.10	11.60	-43.63	-13.00	V
9738.12	-51.70	2.20	11.20	-44.85	-13.00	H

LTE Band 26(814MHz-824MHz), 1.4MHz, QPSK, Channel 26740

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8435.25	-52.67	1.80	11.30	-45.32	-13.00	H
8734.12	-53.25	2.00	12.00	-45.40	-13.00	H
9102.00	-52.28	2.20	11.60	-45.03	-13.00	H
9226.50	-50.80	2.10	11.60	-43.45	-13.00	H
9421.38	-51.30	2.10	11.60	-43.95	-13.00	H
9736.12	-51.66	2.20	11.20	-44.81	-13.00	H

LTE Band 26(814MHz-824MHz), 1.4MHz, QPSK, Channel 26783

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7272.75	-53.01	1.90	12.00	-45.06	-13.00	H
8423.62	-52.61	1.80	11.30	-45.26	-13.00	H
9100.38	-52.08	2.20	11.60	-44.83	-13.00	H
9303.62	-50.58	2.00	11.60	-43.13	-13.00	H
9439.00	-51.66	2.10	11.60	-44.31	-13.00	H
9740.62	-50.47	2.20	11.20	-43.62	-13.00	H

LTE Band 26(814MHz-824MHz), 1.4MHz, 16QAM, Channel 26697

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8436.75	-52.90	1.80	11.30	-45.55	-13.00	H
8767.12	-53.61	1.90	12.00	-45.66	-13.00	H
9098.00	-51.86	2.20	11.60	-44.61	-13.00	H
9296.25	-50.77	2.00	11.60	-43.32	-13.00	H
9480.00	-50.98	2.10	11.60	-43.63	-13.00	V
9752.38	-51.67	2.20	11.20	-44.82	-13.00	H

LTE Band 26(814MHz-824MHz), 1.4MHz, 16QAM, Channel 26740

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7217.25	-52.93	1.80	12.00	-44.88	-13.00	H
8746.88	-53.01	2.00	12.00	-45.16	-13.00	H
9096.62	-51.22	2.20	11.60	-43.97	-13.00	H
9298.00	-50.37	2.00	11.60	-42.92	-13.00	H
9476.62	-51.55	2.10	11.60	-44.20	-13.00	V
9725.00	-51.12	2.20	11.20	-44.27	-13.00	H

LTE Band 26(814MHz-824MHz), 1.4MHz, 16QAM, Channel 26783

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8440.12	-52.01	1.80	11.30	-44.66	-13.00	H
8526.00	-53.24	2.10	12.00	-45.49	-13.00	H
9103.50	-52.04	2.20	11.60	-44.79	-13.00	H
9302.00	-50.96	2.00	11.60	-43.51	-13.00	H
9472.62	-50.80	2.10	11.60	-43.45	-13.00	V
9726.25	-50.98	2.20	11.20	-44.13	-13.00	H

LTE Band 26(814MHz-824MHz), 1.4MHz, 64QAM, Channel 26697

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7225.12	-53.18	1.80	12.00	-45.13	-13.00	V
8365.12	-52.45	1.80	11.30	-45.10	-13.00	H
9102.25	-52.12	2.20	11.60	-44.87	-13.00	H
9227.00	-50.60	2.10	11.60	-43.25	-13.00	H
9478.75	-51.49	2.10	11.60	-44.14	-13.00	V
9724.88	-50.69	2.20	11.20	-43.84	-13.00	H

LTE Band 26(814MHz-824MHz), 1.4MHz, 64QAM, Channel 26740

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8900.25	-53.42	1.90	12.00	-45.47	-13.00	H
9100.75	-52.12	2.20	11.60	-44.87	-13.00	H
9307.12	-50.55	2.00	11.60	-43.10	-13.00	H
9477.50	-51.51	2.10	11.60	-44.16	-13.00	V
9760.75	-51.47	2.20	11.20	-44.62	-13.00	H
9798.75	-51.58	2.30	11.20	-44.83	-13.00	H

LTE Band 26(814MHz-824MHz), 1.4MHz, 64QAM, Channel 26783

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8484.75	-52.78	1.80	11.30	-45.43	-13.00	H
8512.50	-53.30	2.10	12.00	-45.55	-13.00	V
9106.25	-52.13	2.20	11.60	-44.88	-13.00	H
9299.75	-49.86	2.00	11.60	-42.41	-13.00	H
9476.62	-51.37	2.10	11.60	-44.02	-13.00	V
9733.75	-51.23	2.20	11.20	-44.38	-13.00	H

LTE Band 38, 5MHz, QPSK, Channel 37775

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16985.00	-48.76	2.90	16.50	-35.16	-25.00	H
17095.62	-46.25	2.90	14.50	-34.65	-25.00	H
17299.38	-45.97	3.20	14.50	-34.67	-25.00	H
17451.25	-46.79	2.90	14.50	-35.19	-25.00	H
17526.25	-44.62	2.90	12.80	-34.72	-25.00	H
17814.38	-44.33	3.60	12.80	-35.13	-25.00	H

LTE Band 38, 5MHz, QPSK, Channel 38000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16993.12	-48.58	2.90	16.50	-34.98	-25.00	H
17183.75	-46.32	2.90	14.50	-34.72	-25.00	H
17299.38	-46.37	3.20	14.50	-35.07	-25.00	H
17456.88	-46.55	2.90	14.50	-34.95	-25.00	H
17586.25	-44.59	3.30	12.80	-35.09	-25.00	H
17781.88	-44.34	3.60	12.80	-35.14	-25.00	H

LTE Band 38, 5MHz, QPSK, Channel 38225

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16937.50	-48.61	2.90	16.50	-35.01	-25.00	H
17137.00	-45.95	2.90	14.50	-34.35	-25.00	H
17274.50	-45.95	3.20	14.50	-34.65	-25.00	H
17501.00	-44.79	2.90	12.80	-34.89	-25.00	H
17525.50	-44.44	2.90	12.80	-34.54	-25.00	H
17838.50	-43.54	3.60	12.80	-34.34	-25.00	H

LTE Band 38, 5MHz, 16QAM, Channel 37775

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16987.50	-48.79	2.90	16.50	-35.19	-25.00	H
17206.88	-46.00	2.90	14.50	-34.40	-25.00	H
17294.38	-46.11	3.20	14.50	-34.81	-25.00	H
17514.38	-44.36	2.90	12.80	-34.46	-25.00	H
17613.12	-44.41	3.30	12.80	-34.91	-25.00	H
17811.88	-43.72	3.60	12.80	-34.52	-25.00	H

LTE Band 38, 5MHz, 16QAM, Channel 38000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16992.50	-48.26	2.90	16.50	-34.66	-25.00	H
17188.12	-46.75	2.90	14.50	-35.15	-25.00	H
17364.38	-46.03	3.20	14.50	-34.73	-25.00	H
17408.75	-46.60	2.90	14.50	-35.00	-25.00	H
17596.25	-44.47	3.30	12.80	-34.97	-25.00	H
17835.62	-44.10	3.60	12.80	-34.90	-25.00	H

LTE Band 38, 5MHz, 16QAM, Channel 38225

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16997.50	-48.41	2.90	16.50	-34.81	-25.00	H
17135.00	-46.75	2.90	14.50	-35.15	-25.00	H
17366.88	-46.23	3.20	14.50	-34.93	-25.00	H
17521.88	-44.40	2.90	12.80	-34.50	-25.00	H
17578.75	-44.20	3.30	12.80	-34.70	-25.00	H
17838.12	-44.03	3.60	12.80	-34.83	-25.00	H

LTE Band 38, 5MHz, 64QAM, Channel 37775

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16971.25	-48.36	2.90	16.50	-34.76	-25.00	H
17194.38	-46.64	2.90	14.50	-35.04	-25.00	H
17272.50	-45.78	3.20	14.50	-34.48	-25.00	H
17523.12	-45.03	2.90	12.80	-35.13	-25.00	H
17533.12	-44.47	2.90	12.80	-34.57	-25.00	H
17767.50	-43.68	3.60	12.80	-34.48	-25.00	H

LTE Band 38, 5MHz, 64QAM, Channel 38000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16946.88	-47.95	2.90	16.50	-34.35	-25.00	H
17098.12	-46.56	2.90	14.50	-34.96	-25.00	H
17343.75	-46.41	3.20	14.50	-35.11	-25.00	H
17463.12	-46.23	2.90	14.50	-34.63	-25.00	H
17590.62	-44.64	3.30	12.80	-35.14	-25.00	H
17769.38	-44.30	3.60	12.80	-35.10	-25.00	H

LTE Band 38, 5MHz, 64QAM, Channel 38225

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16945.62	-47.96	2.90	16.50	-34.36	-25.00	H
17183.12	-46.23	2.90	14.50	-34.63	-25.00	H
17292.50	-46.34	3.20	14.50	-35.04	-25.00	H
17501.88	-44.82	2.90	12.80	-34.92	-25.00	H
17566.88	-44.40	3.30	12.80	-34.90	-25.00	H
17838.75	-43.66	3.60	12.80	-34.46	-25.00	H

LTE Band 41, 5MHz, QPSK, Channel 40065

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16973.12	-48.60	2.90	16.50	-35.00	-25.00	H
17168.12	-46.68	2.90	14.50	-35.08	-25.00	H
17300.00	-45.76	3.20	14.50	-34.46	-25.00	H
17460.62	-46.69	2.90	14.50	-35.09	-25.00	H
17601.25	-44.01	3.30	12.80	-34.51	-25.00	H
17839.38	-44.12	3.60	12.80	-34.92	-25.00	H

LTE Band 41, 5MHz, QPSK, Channel 40640

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16985.50	-48.60	2.90	16.50	-35.00	-25.00	H
17119.00	-46.10	2.90	14.50	-34.50	-25.00	H
17234.50	-45.59	3.20	14.50	-34.29	-25.00	H
17445.00	-46.08	2.90	14.50	-34.48	-25.00	H
17600.00	-44.53	3.30	12.80	-35.03	-25.00	H
17802.00	-43.61	3.60	12.80	-34.41	-25.00	H

LTE Band 41, 5MHz, QPSK, Channel 41215

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16968.12	-48.58	2.90	16.50	-34.98	-25.00	H
17107.50	-46.39	2.90	14.50	-34.79	-25.00	H
17367.50	-45.92	3.20	14.50	-34.62	-25.00	H
17515.00	-44.95	2.90	12.80	-35.05	-25.00	H
17624.38	-44.38	3.30	12.80	-34.88	-25.00	H
17825.62	-44.40	3.60	12.80	-35.20	-25.00	H

LTE Band 41, 5MHz, 16QAM, Channel 40065

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16983.12	-48.41	2.90	16.50	-34.81	-25.00	H
17106.25	-46.69	2.90	14.50	-35.09	-25.00	H
17356.25	-46.41	3.20	14.50	-35.11	-25.00	H
17514.38	-44.73	2.90	12.80	-34.83	-25.00	H
17623.12	-44.03	3.30	12.80	-34.53	-25.00	H
17838.12	-44.27	3.60	12.80	-35.07	-25.00	H

LTE Band 41, 5MHz, 16QAM, Channel 40640

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16950.62	-48.16	2.90	16.50	-34.56	-25.00	H
17210.00	-46.34	2.90	14.50	-34.74	-25.00	H
17362.50	-45.78	3.20	14.50	-34.48	-25.00	H
17521.88	-44.19	2.90	12.80	-34.29	-25.00	H
17527.50	-44.52	2.90	12.80	-34.62	-25.00	H
17796.88	-43.69	3.60	12.80	-34.49	-25.00	H

LTE Band 41, 5MHz, 16QAM, Channel 41215

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16991.88	-48.43	2.90	16.50	-34.83	-25.00	H
17214.38	-46.83	2.90	14.50	-35.23	-25.00	H
17286.25	-46.18	3.20	14.50	-34.88	-25.00	H
17511.25	-45.02	2.90	12.80	-35.12	-25.00	H
17626.25	-44.00	3.30	12.80	-34.50	-25.00	H
17780.00	-44.37	3.60	12.80	-35.17	-25.00	H

LTE Band 41, 5MHz, 64QAM, Channel 40065

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16939.38	-48.32	2.90	16.50	-34.72	-25.00	H
17142.50	-46.26	2.90	14.50	-34.66	-25.00	H
17361.88	-45.73	3.20	14.50	-34.43	-25.00	H
17455.62	-46.47	2.90	14.50	-34.87	-25.00	H
17620.00	-44.10	3.30	12.80	-34.60	-25.00	H
17813.75	-44.18	3.60	12.80	-34.98	-25.00	H

LTE Band 41, 5MHz, 64QAM, Channel 40640

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16947.50	-48.44	2.90	16.50	-34.84	-25.00	H
17117.50	-46.42	2.90	14.50	-34.82	-25.00	H
17254.38	-45.74	3.20	14.50	-34.44	-25.00	H
17505.00	-44.38	2.90	12.80	-34.48	-25.00	H
17615.00	-44.63	3.30	12.80	-35.13	-25.00	H
17773.12	-43.96	3.60	12.80	-34.76	-25.00	H

LTE Band 41, 5MHz, 64QAM, Channel 41215

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16985.62	-48.76	2.90	16.50	-35.16	-25.00	H
17172.50	-46.13	2.90	14.50	-34.53	-25.00	H
17230.00	-46.27	3.20	14.50	-34.97	-25.00	H
17455.00	-46.08	2.90	14.50	-34.48	-25.00	H
17623.12	-44.35	3.30	12.80	-34.85	-25.00	H
17830.00	-44.41	3.60	12.80	-35.21	-25.00	H

LTE Band 66, 1.4MHz, QPSK, Channel 131979

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16913.12	-45.12	2.90	16.50	-31.52	-13.00	H
17102.50	-44.38	2.90	14.50	-32.78	-13.00	H
17233.12	-43.36	3.20	14.50	-32.06	-13.00	H
17523.12	-40.62	2.90	12.80	-30.72	-13.00	H
17581.88	-40.15	3.30	12.80	-30.65	-13.00	H
17756.88	-40.15	3.60	12.80	-30.95	-13.00	H

LTE Band 66, 1.4MHz, QPSK, Channel 132322

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16939.00	-44.04	2.90	16.50	-30.44	-13.00	H
17130.50	-43.29	2.90	14.50	-31.69	-13.00	H
17365.50	-42.33	3.20	14.50	-31.03	-13.00	H
17422.50	-41.54	2.90	14.50	-29.94	-13.00	H
17572.50	-38.33	3.30	12.80	-28.83	-13.00	H
17829.00	-38.81	3.60	12.80	-29.61	-13.00	H

LTE Band 66, 1.4MHz, QPSK, Channel 132665

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16980.00	-45.26	2.90	16.50	-31.66	-13.00	H
17190.62	-44.23	2.90	14.50	-32.63	-13.00	H
17289.38	-43.93	3.20	14.50	-32.63	-13.00	H
17449.38	-42.23	2.90	14.50	-30.63	-13.00	H
17626.25	-40.07	3.30	12.80	-30.57	-13.00	H
17838.75	-39.91	3.60	12.80	-30.71	-13.00	H

LTE Band 66, 1.4MHz, 16QAM, Channel 131979

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16985.62	-45.94	2.90	16.50	-32.34	-13.00	H
17201.88	-44.47	2.90	14.50	-32.87	-13.00	H
17276.25	-43.00	3.20	14.50	-31.70	-13.00	H
17511.88	-40.17	2.90	12.80	-30.27	-13.00	H
17591.88	-39.94	3.30	12.80	-30.44	-13.00	H
17778.12	-40.60	3.60	12.80	-31.40	-13.00	H

LTE Band 66, 1.4MHz, 16QAM, Channel 132322

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16938.75	-45.66	2.90	16.50	-32.06	-13.00	H
17162.50	-43.89	2.90	14.50	-32.29	-13.00	H
17361.88	-43.66	3.20	14.50	-32.36	-13.00	H
17453.75	-42.14	2.90	14.50	-30.54	-13.00	H
17570.00	-40.24	3.30	12.80	-30.74	-13.00	H
17824.38	-40.07	3.60	12.80	-30.87	-13.00	H

LTE Band 66, 1.4MHz, 16QAM, Channel 132665

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16981.88	-45.54	2.90	16.50	-31.94	-13.00	H
17123.12	-43.97	2.90	14.50	-32.37	-13.00	H
17256.25	-43.19	3.20	14.50	-31.89	-13.00	H
17501.88	-40.98	2.90	12.80	-31.08	-13.00	H
17596.25	-40.16	3.30	12.80	-30.66	-13.00	H
17685.00	-41.25	3.30	12.80	-31.75	-13.00	H

LTE Band 66, 1.4MHz, 64QAM, Channel 131979

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16958.75	-45.08	2.90	16.50	-31.48	-13.00	H
17195.62	-44.72	2.90	14.50	-33.12	-13.00	H
17228.12	-44.07	3.20	14.50	-32.77	-13.00	H
17394.38	-42.32	2.90	14.50	-30.72	-13.00	H
17578.12	-40.35	3.30	12.80	-30.85	-13.00	H
17760.62	-40.28	3.60	12.80	-31.08	-13.00	H

LTE Band 66, 1.4MHz, 64QAM, Channel 132322

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16931.88	-45.04	2.90	16.50	-31.44	-13.00	H
17117.50	-43.61	2.90	14.50	-32.01	-13.00	H
17283.12	-43.58	3.20	14.50	-32.28	-13.00	H
17456.88	-42.08	2.90	14.50	-30.48	-13.00	H
17610.62	-40.34	3.30	12.80	-30.84	-13.00	H
17689.38	-41.13	3.30	12.80	-31.63	-13.00	H

LTE Band 66, 1.4MHz, 64QAM, Channel 132665

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16961.25	-45.98	2.90	16.50	-32.38	-13.00	H
17141.88	-44.36	2.90	14.50	-32.76	-13.00	H
17321.25	-43.96	3.20	14.50	-32.66	-13.00	H
17505.00	-40.61	2.90	12.80	-30.71	-13.00	H
17565.62	-40.16	3.30	12.80	-30.66	-13.00	H
17833.75	-40.23	3.60	12.80	-31.03	-13.00	H

Note: The maximum value of expanded measurement uncertainty for this test item is $U = 2.87\text{dB}(30\text{MHz}-3\text{GHz})/3.35\text{dB}(3\text{GHz}-18\text{GHz})/2.68\text{dB}(18\text{GHz}-40\text{GHz})$, $k = 2$

A.3 FREQUENCY STABILITY

Reference

FCC: CFR Part 2.1055, 22.355, 24.235, 27.54, 90.213.

A.3.1 Method of Measurement

In order to measure the carrier frequency under the condition of AFC lock, it is necessary to make measurements with the EUT in a "call mode". This is accomplished with the use of R&S CMW500.

1. Measure the carrier frequency at room temperature.
2. Subject the EUT to overnight soak at -30°C.
3. With the EUT, powered via nominal voltage, connected to the CMW500 and in a simulated call on mid channel of all bands, measure the carrier frequency. These measurements should be made within 2 minutes of Powering up the EUT, to prevent significant self-warming.
4. Repeat the above measurements at 10°C increments from -30°C to +50°C. Allow at least 1.5 hours at each temperature, unpowered, before making measurements.
5. Remeasure carrier frequency at room temperature with nominal voltage. Vary supply voltage from minimum voltage to maximum voltage, in 0.1Volt increments remeasuring carrier frequency at each voltage. Pause at nominal voltage for 1.5 hours unpowered, to allow any self-heating to stabilize, before continuing.
6. Subject the EUT to overnight soak at +50°C.
7. With the EUT, powered via nominal voltage, connected to the CMW500 and in a simulated call on the center channel, measure the carrier frequency. These measurements should be made within 2 minutes of Powering up the EUT, to prevent significant self-warming.
8. Repeat the above measurements at 10°C increments from -30°C to +50°C. Allow at least 1.5 hours at each temperature, unpowered, before making measurements.
9. At all temperature levels hold the temperature to +/- 0.5°C during the measurement procedure.

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block. As this transceiver is considered "Hand carried, battery powered equipment" Section 2.1055(d)(2) applies. This requires that the lower voltage for frequency stability testing be specified by the manufacturer. This transceiver is specified to operate with an input voltage of the lower, higher and nominal voltage. Operation above or below these voltage limits is prohibited by transceiver software in order to prevent improper operation as well as to protect components from overstress.

A.3.2 Measurement results
LTE Band 2, 20MHz bandwidth (worst case of all bandwidths)
Frequency Error vs Temperature

Temperature(°C)	Voltage(V)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
20	3.87	1850.800	1909.210		
50				0.40	0.0002
40				-0.04	0.0000
30				0.23	0.0001
10				0.04	0.0000
0				0.30	0.0002
-10				-0.26	0.0001
-20				0.10	0.0001
-30				-0.06	0.0000

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
3.50	20	1850.800	1909.210	-0.03	0.0000
4.45				-0.23	0.0001

 Expanded measurement uncertainty is 10 Hz, $k = 2$
LTE Band 4, 20MHz bandwidth (worst case of all bandwidths)
Frequency Error vs Temperature

Temperature(°C)	Voltage(V)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
50	3.87	1710.790	1754.230		
40				-0.17	0.0001
30				-0.13	0.0001
20				-0.57	0.0003
10				-0.72	0.0004
0				0.00	0.0000
-10				-0.37	0.0002
-20				-0.44	0.0003
-30				-0.94	0.0005

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
3.50	20	1710.790	1754.230	-0.03	0.0000
4.45				-0.23	0.0001

 Expanded measurement uncertainty is 10Hz, $k = 2$

LTE Band 5, 5MHz bandwidth (worst case of all bandwidths)
Frequency Error vs Temperature

Temperature(°C)	Voltage(V)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
50	3.87	824.340	848.620		
40				-0.29	0.0003
30				-0.57	0.0007
20				-0.69	0.0008
10				-0.33	0.0004
0				0.14	0.0002
-10				-1.09	0.0013
-20				-1.02	0.0012
-30				-0.80	0.0010

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
3.50	20	824.340	848.620	-1.03	0.0012
4.45				-0.46	0.0005

 Expanded measurement uncertainty is 10 Hz, $k = 2$
LTE Band 7, 5MHz bandwidth (worst case of all bandwidths)
Frequency Error vs Temperature

Temperature(°C)	Voltage(V)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
20	3.87	2500.500	2569.480		
50				0.69	0.0003
40				-0.87	0.0003
30				0.44	0.0002
10				-0.11	0.0000
0				0.33	0.0001
-10				0.30	0.0001
-20				-0.04	0.0000
-30				-1.26	0.0005

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
3.50	20	2500.500	2569.480	-0.04	0.0000
4.45				-0.43	0.0002

 Expanded measurement uncertainty is 10 Hz, $k = 2$

LTE Band 12, 10MHz bandwidth (worst case of all bandwidths)
Frequency Error vs Temperature

Temperature(°C)	Voltage(V)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
20	3.87	699.440	715.540		
50				-0.12	0.0002
40				0.00	0.0000
30				-0.07	0.0001
10				-0.44	0.0006
0				-0.52	0.0007
-10				-0.54	0.0008
-20				-0.22	0.0003
-30				-0.70	0.0010

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
3.50	20	699.440	715.540	-0.10	0.0001
4.45				-0.70	0.0010

Expanded measurement uncertainty is 10Hz, k = 2

LTE Band 13, 10MHz bandwidth (worst case of all bandwidths)
Frequency Error vs Temperature

Temperature(°C)	Voltage(V)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
20	3.87	777.462	786.535		
50				0.10	0.0001
40				-0.73	0.0009
30				-0.89	0.0011
10				0.00	0.0000
0				-0.42	0.0005
-10				-1.49	0.0019
-20				-1.13	0.0014
-30				-1.25	0.0016

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
3.50	20	777.462	786.535	-0.37	0.0005
4.45				-0.72	0.0009

Expanded measurement uncertainty is 10Hz, k = 2



LTE Band 17, 10MHz bandwidth (worst case of all bandwidths)

Frequency Error vs Temperature

Temperature(°C)	Voltage(V)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
50	3.87	704.370	715.630		
40				0.42	0.0006
30				0.12	0.0002
20				-0.56	0.0008
10				-0.72	0.0010
0				-0.77	0.0011
-10				-0.82	0.0011
-20				-0.22	0.0003
-30				0.20	0.0003

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
3.50	20	704.370	715.630	-0.44	0.0006
4.45				-1.29	0.0018

Expanded measurement uncertainty is 10Hz, k = 2

LTE Band 26(814MHz-824MHz), 10MHz bandwidth (worst case of all bandwidths)

Frequency Error vs Temperature

Temperature(°C)	Voltage(V)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
20	3.87	814.360	823.630		
50				-0.09	0.0001
40				-0.36	0.0004
30				-0.42	0.0005
10				-0.34	0.0004
0				-0.40	0.0005
-10				-0.49	0.0006
-20				-0.54	0.0007
-30				-1.47	0.0018

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
3.50	20	814.360	823.630	-1.22	0.0015
4.45				-1.24	0.0015

Expanded measurement uncertainty is 10Hz, k = 2



LTE band 26(824MHz-849MHz), 15MHz bandwidth (worst case of all bandwidths)

Frequency Error vs Temperature

Temperature(°C)	Voltage(V)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
20	3.87	824.490	848.460		
50				-0.87	0.0010
40				0.02	0.0000
30				-0.43	0.0005
10				-1.02	0.0012
0				-0.56	0.0007
-10				-0.99	0.0012
-20				-0.72	0.0009
-30				-0.56	0.0007

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
3.50	20	824.490	848.460	-0.89	0.0011
4.45				-1.27	0.0015

Expanded measurement uncertainty is 10Hz, k = 2

LTE Band 38, 20MHz bandwidth (worst case of all bandwidths)

Frequency Error vs Temperature

Temperature(°C)	Voltage(V)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
20	3.87	2570.620	2619.340		
50				1.99	0.0008
40				1.26	0.0005
30				0.46	0.0002
10				-0.42	0.0002
0				-0.22	0.0001
-10				0.87	0.0003
-20				0.29	0.0001
-30				-1.25	0.0005

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
3.50	20	2570.620	2619.340	-0.32	0.0001
4.45				-0.19	0.0001

Expanded measurement uncertainty is 10 Hz, k = 2

LTE band 41, 20MHz bandwidth QPSK(worst case of all bandwidths)
Frequency Error vs Temperature

Temperature(°C)	Voltage(V)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
20	3.87	2535.560	2654.340	0.67	0.0003
50					
40					
30					
10					
0					
-10					
-20					
-30					

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
3.50	20	2535.560	2654.340	-0.49	0.0002
4.45				-0.93	0.0004

Expanded measurement uncertainty is 10 Hz, k = 2

LTE Band 66, 20MHz bandwidth (worst case of all bandwidths)
Frequency Error vs Temperature

Temperature(°C)	Voltage(V)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
20	3.87	1710.790	1779.220	0.29	0.0002
50					
40					
30					
10					
0					
-10					
-20					
-30					

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
3.50	20	1710.790	1779.220	-1.29	0.0007
4.45				-0.86	0.0005

Expanded measurement uncertainty is 10Hz, k = 2

A.4 OCCUPIED BANDWIDTH

Reference

FCC: CFR Part 2.1049, 22.917, 24.238, 27.53, 90.1215.

A.4.1 Occupied Bandwidth Results

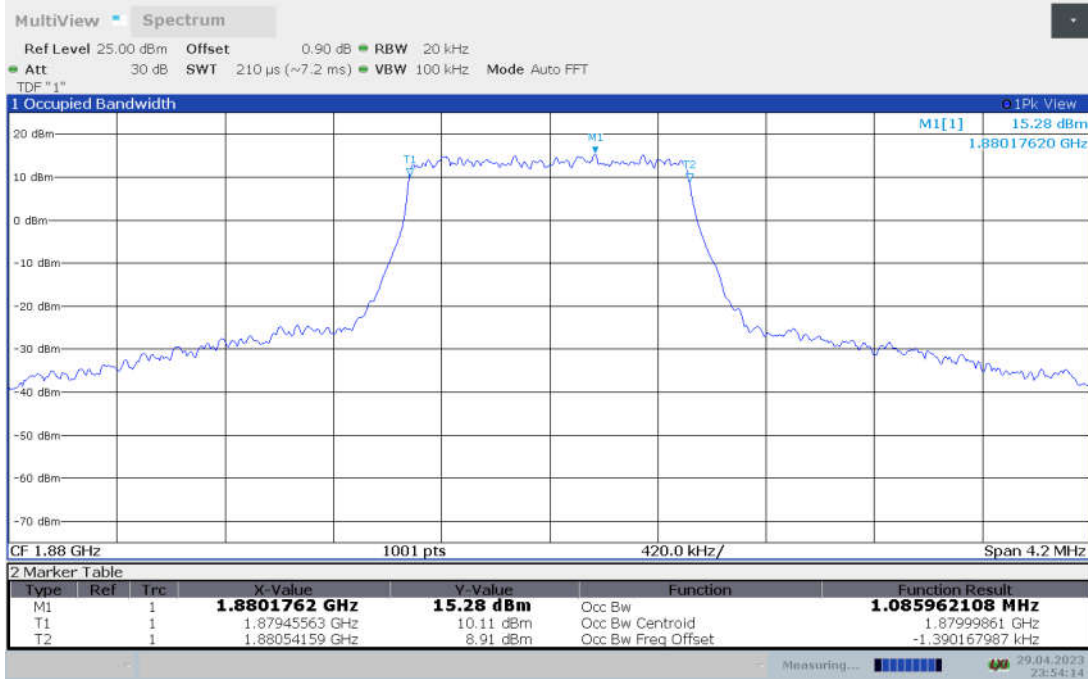
Occupied bandwidth measurements are only provided for selected frequencies in order to reduce the amount of submitted data. Data were taken at the extreme and mid frequencies of the US Cellular/PCS frequency bands. The table below lists the measured 99% BW. Spectrum analyzer plots are included on the following pages.

- a) The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be set wide enough to capture all modulation products including the emission skirts (i.e., two to five times the OBW).
- b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
- c) Set the reference level of the instrument as required to keep the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope must be at least $10\log(\text{OBW} / \text{RBW})$ below the reference level.
- d) Set the detection mode to peak, and the trace mode to max hold.
- e) Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.

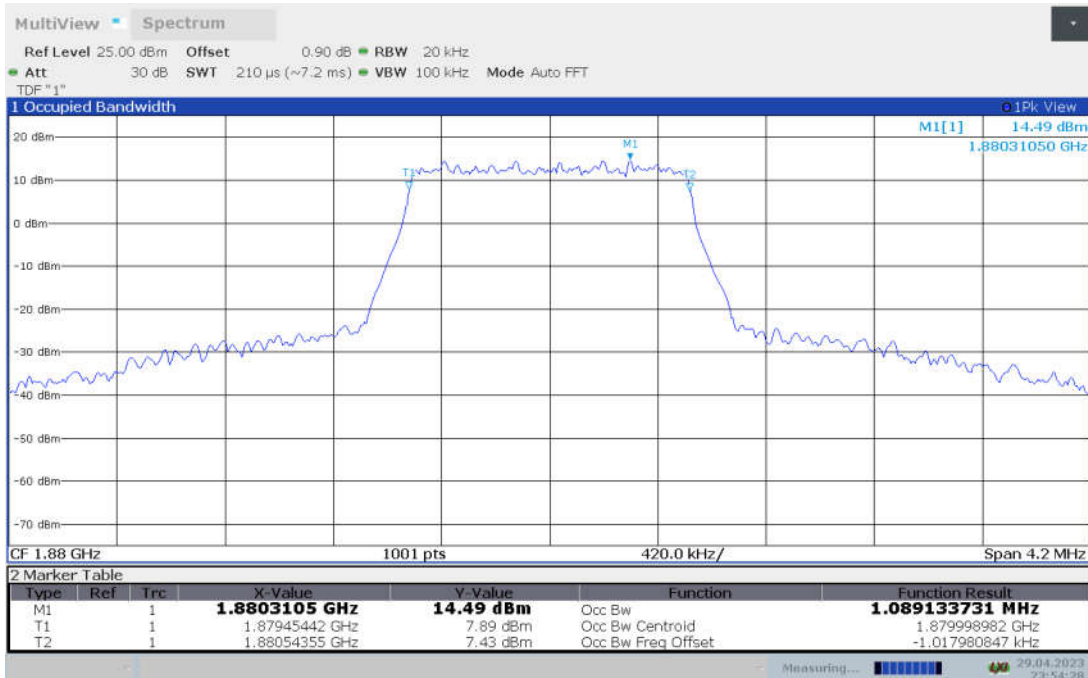
LTE band 2,1.4MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
1880	1.086	1.089

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



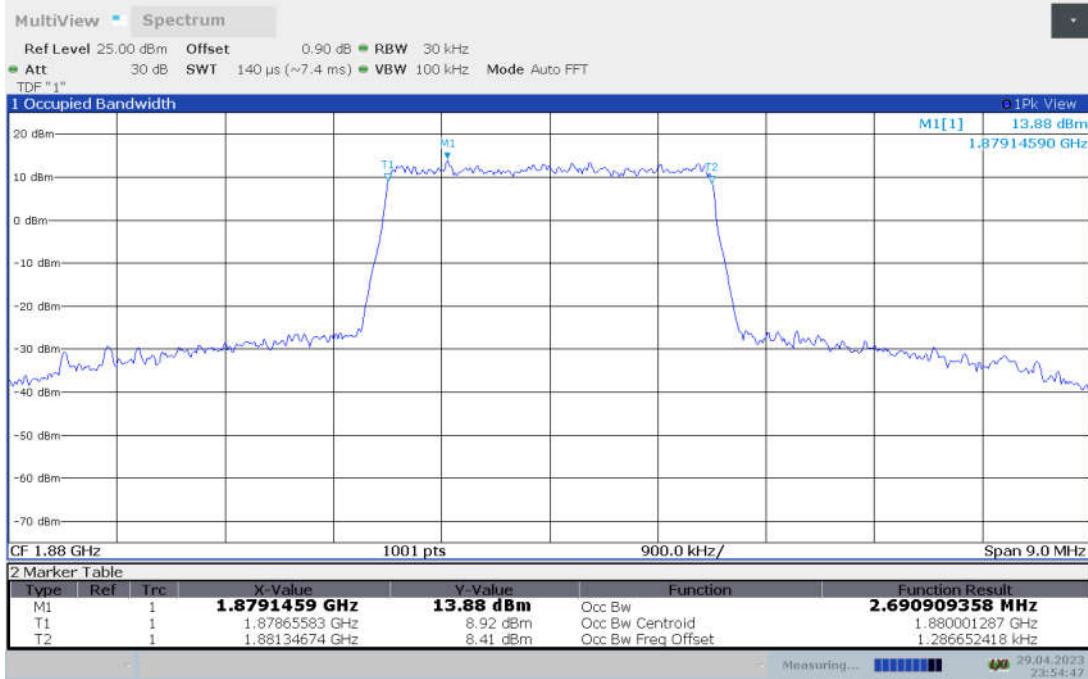
LTE band 2 , 1.4MHz Bandwidth, MID, 16QAM (99% BW)



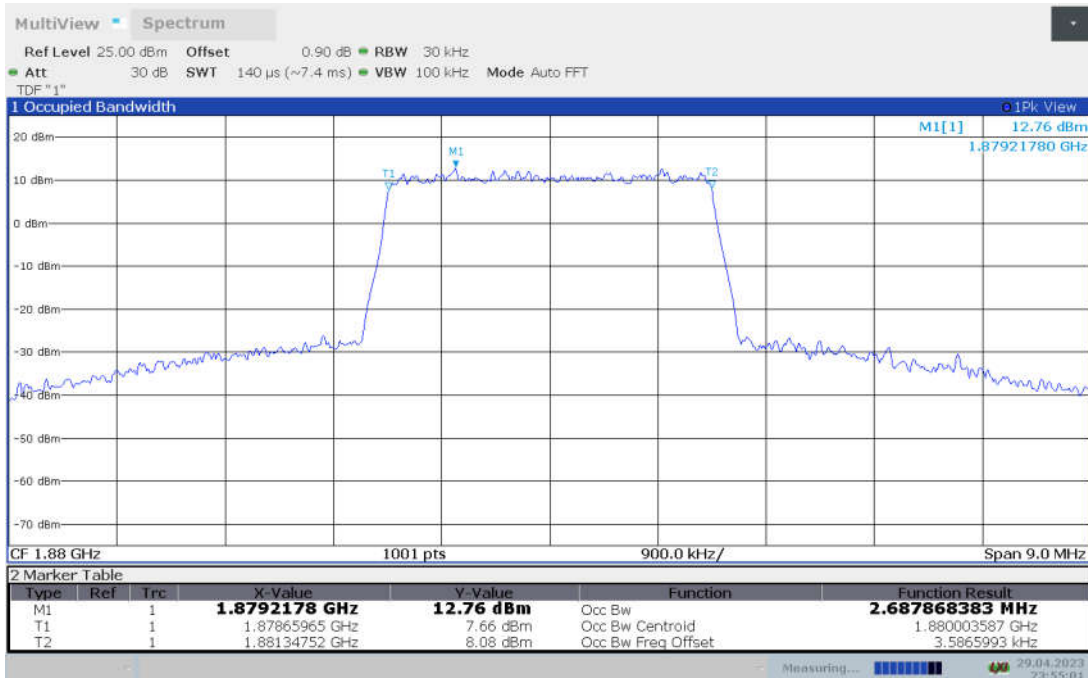
LTE band 2,3MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
1880	2.691	2.688

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



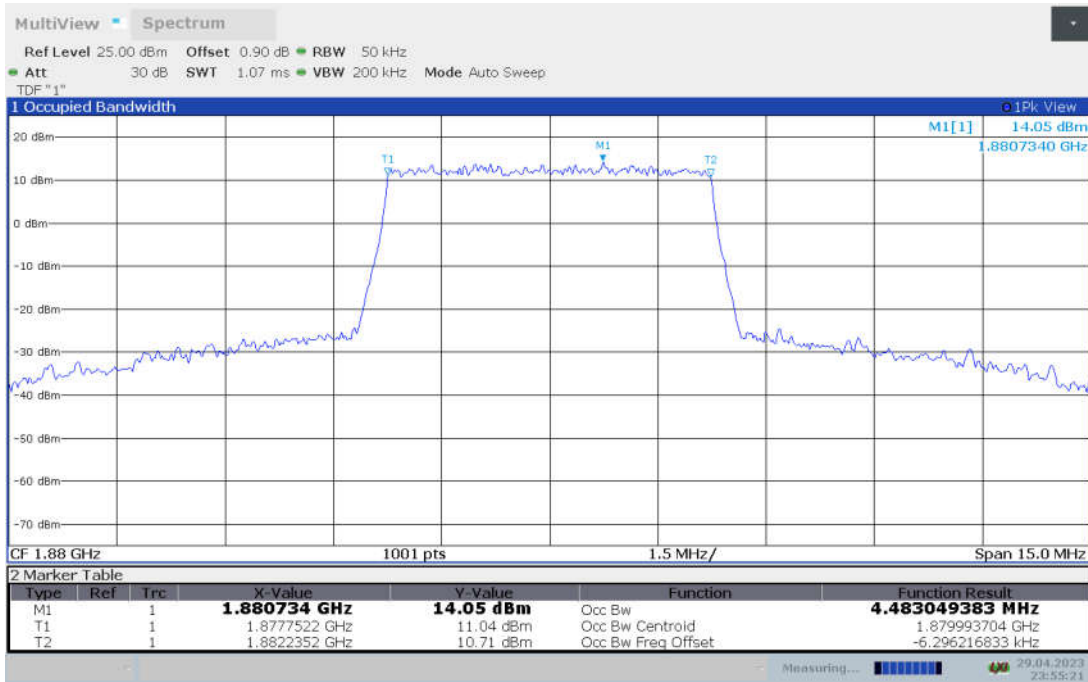
LTE band 2 , 3MHz Bandwidth, MID, 16QAM (99% BW)



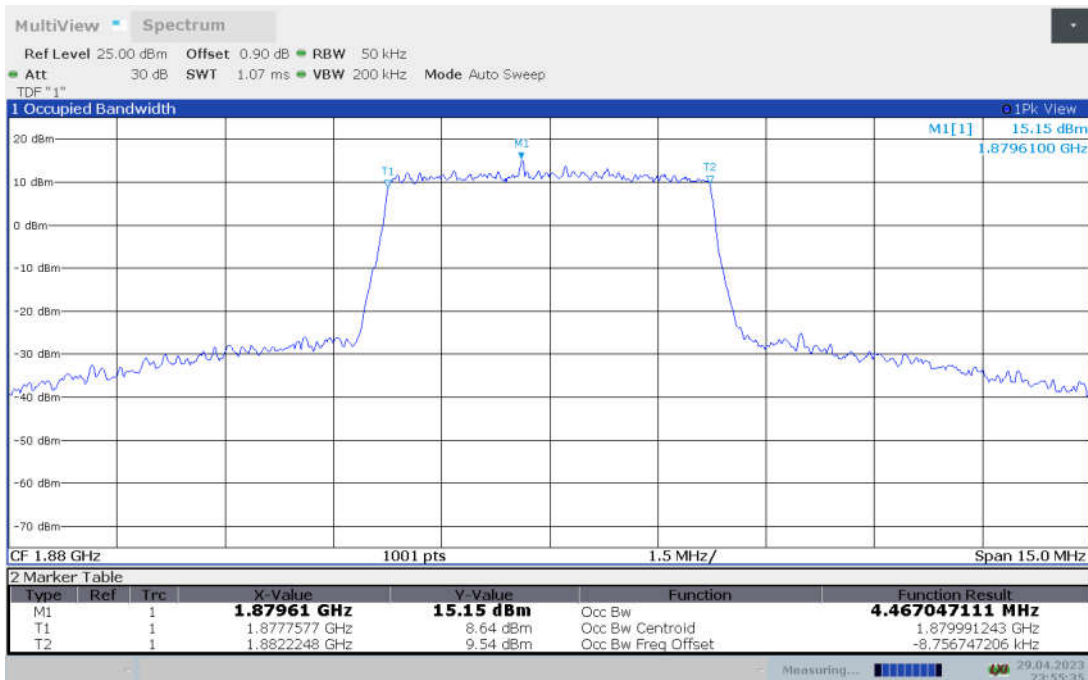
LTE band 2,5MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
1880	4.483	4.467

LTE band 2 , 5MHz Bandwidth, MID, QPSK (99% BW)



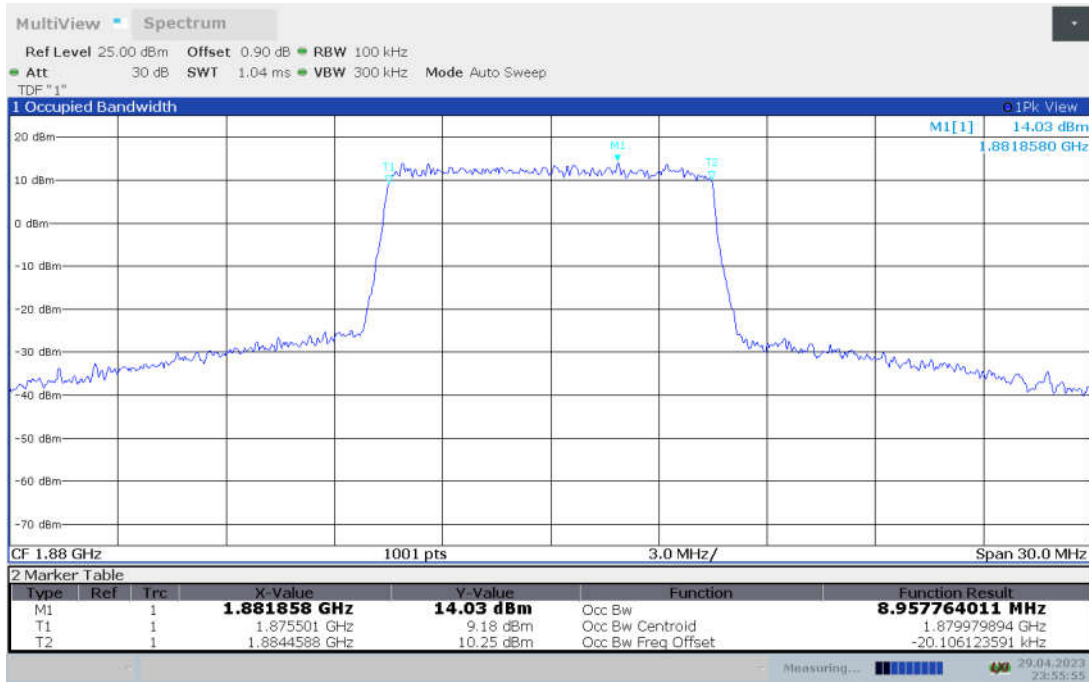
LTE band 2 , 5MHz Bandwidth, MID, 16QAM (99% BW)



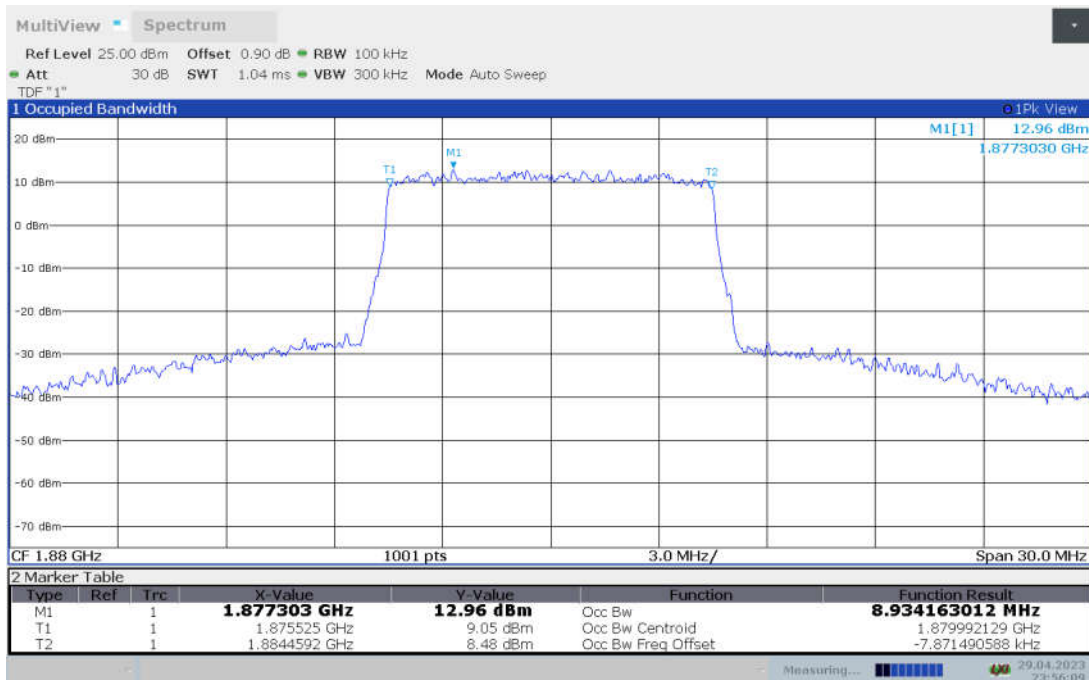
LTE band 2,10MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
1880	8.958	8.934

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



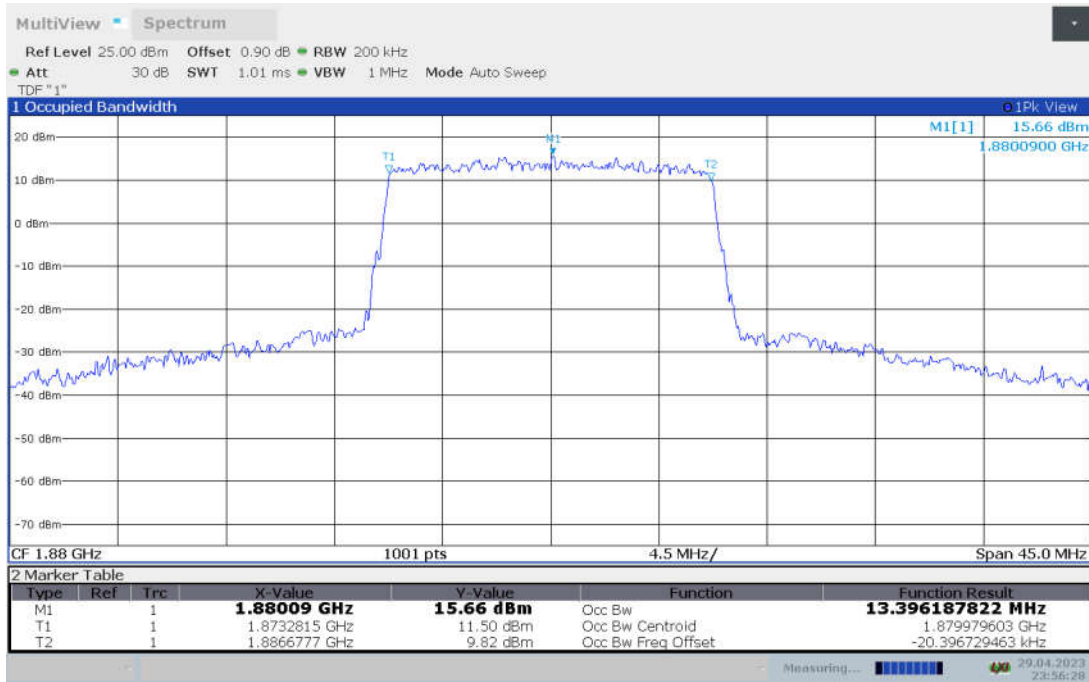
LTE band 2 , 10MHz Bandwidth, MID, 16QAM (99% BW)



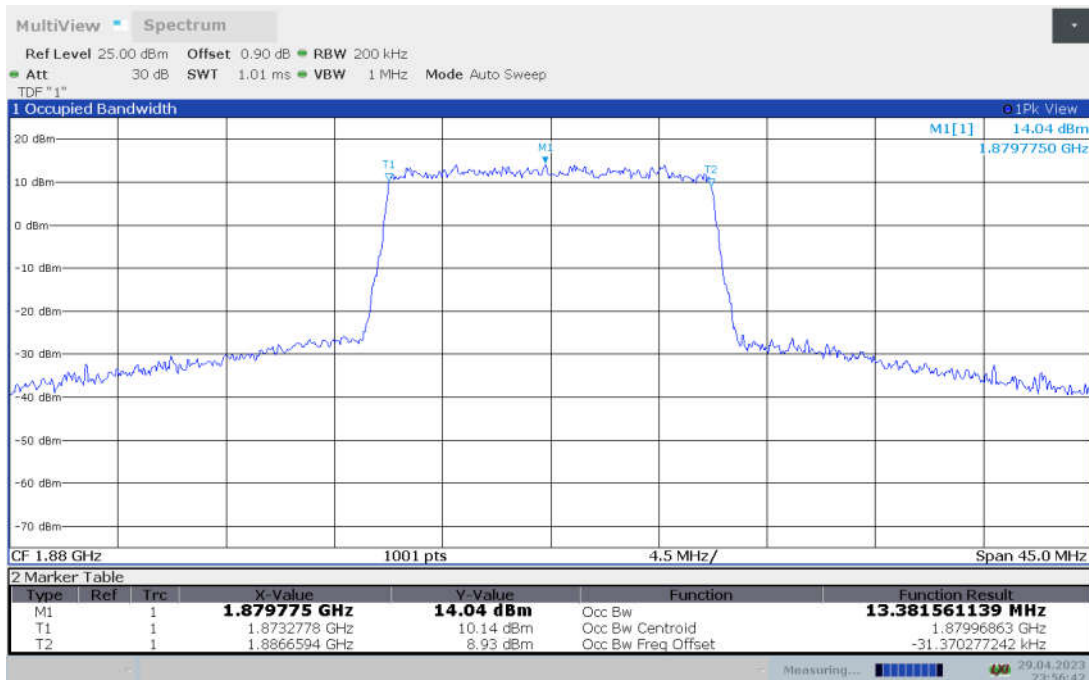
LTE band 2,15MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
1880	13.396	13.382

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



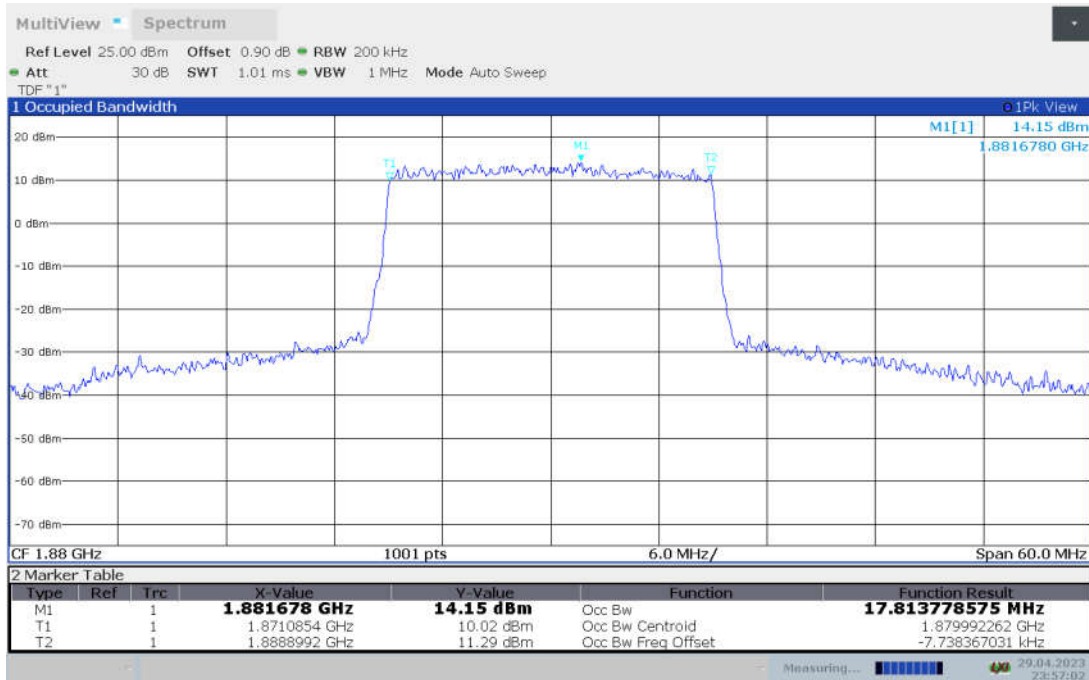
LTE band 2 , 15MHz Bandwidth, MID, 16QAM (99% BW)



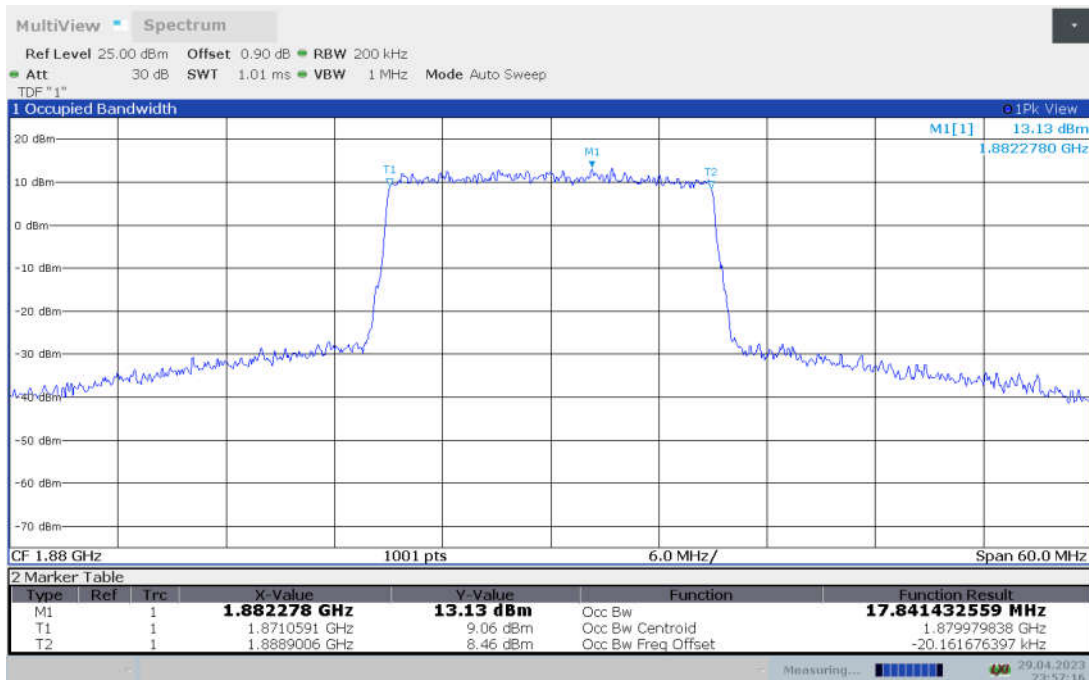
LTE band 2,20MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
1880	17.814	17.841

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



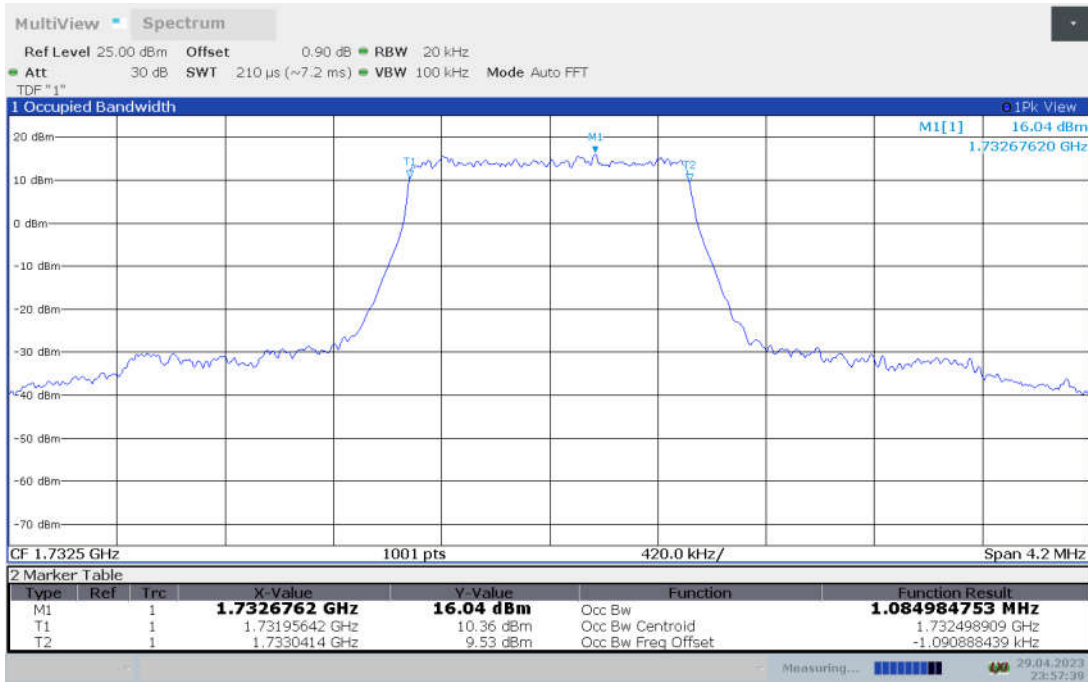
LTE band 2 , 20MHz Bandwidth, MID, 16QAM (99% BW)



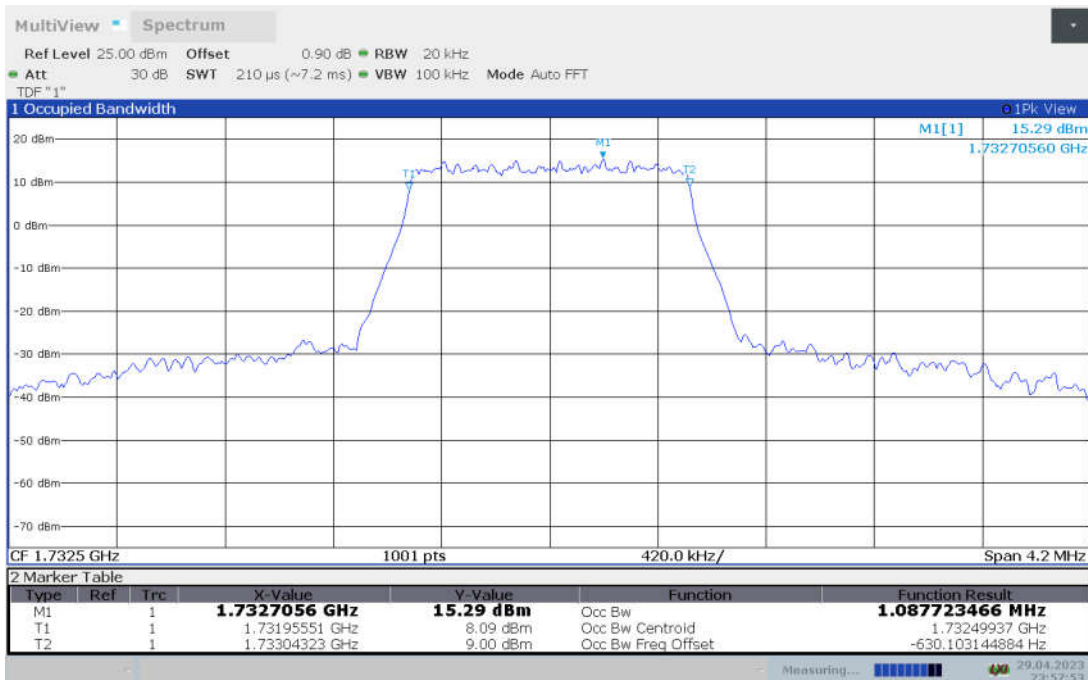
LTE band 4,1.4MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
1732.5	1.085	1.088

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



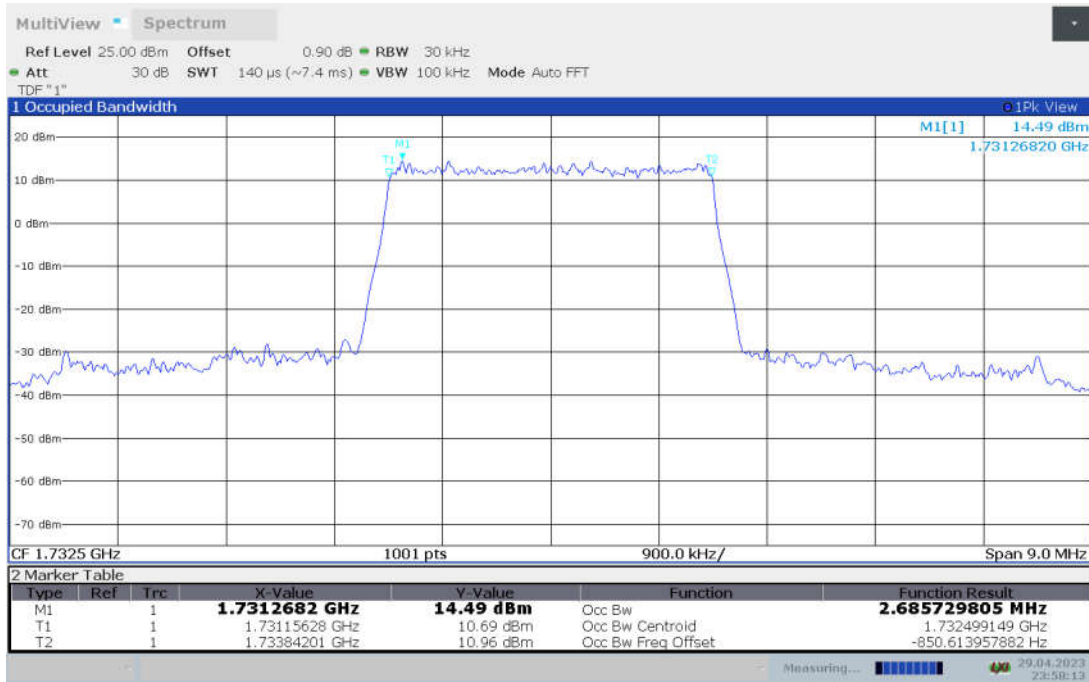
LTE band 4 , 1.4MHz Bandwidth, MID, 16QAM (99% BW)



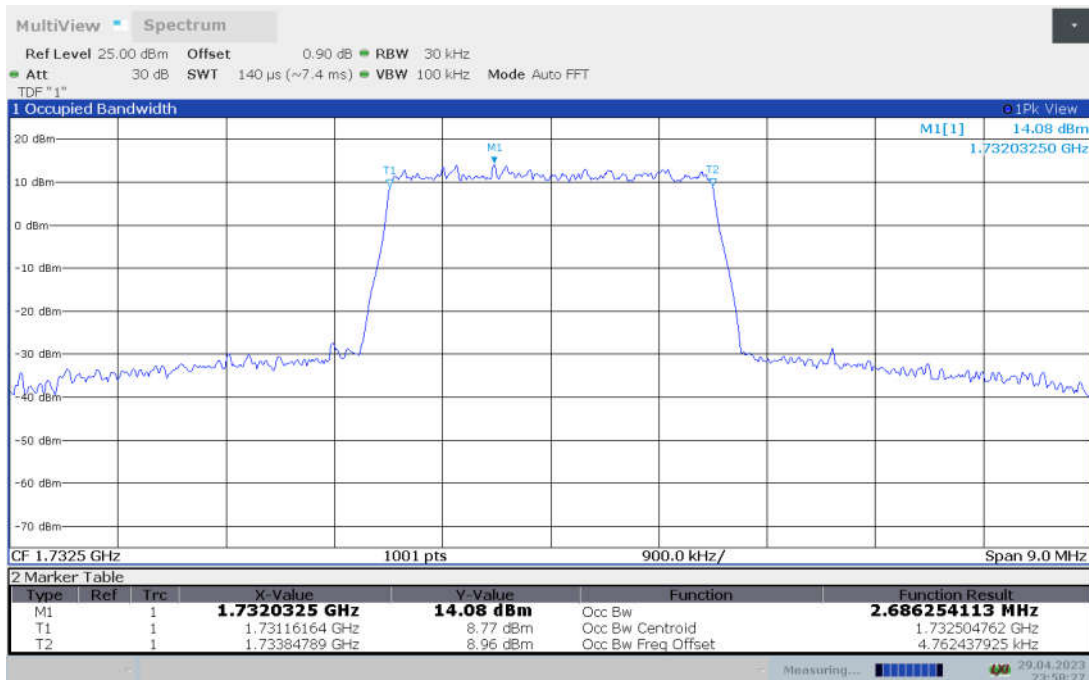
LTE band 4,3MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
1732.5	2.686	2.686

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



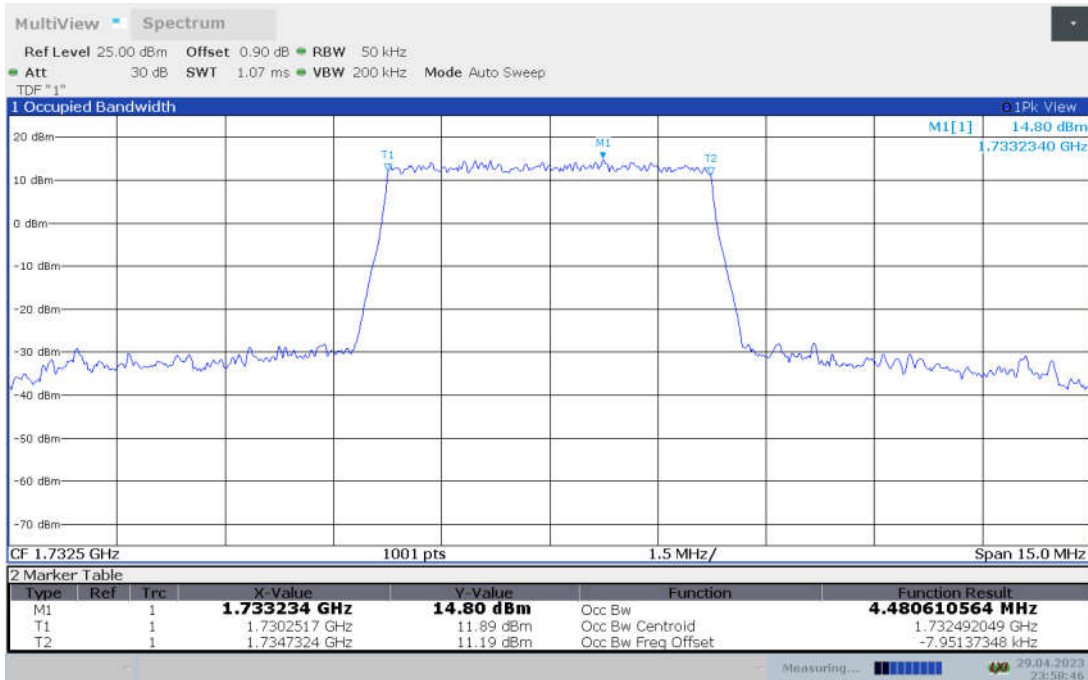
LTE band 4 , 3MHz Bandwidth, MID, 16QAM (99% BW)



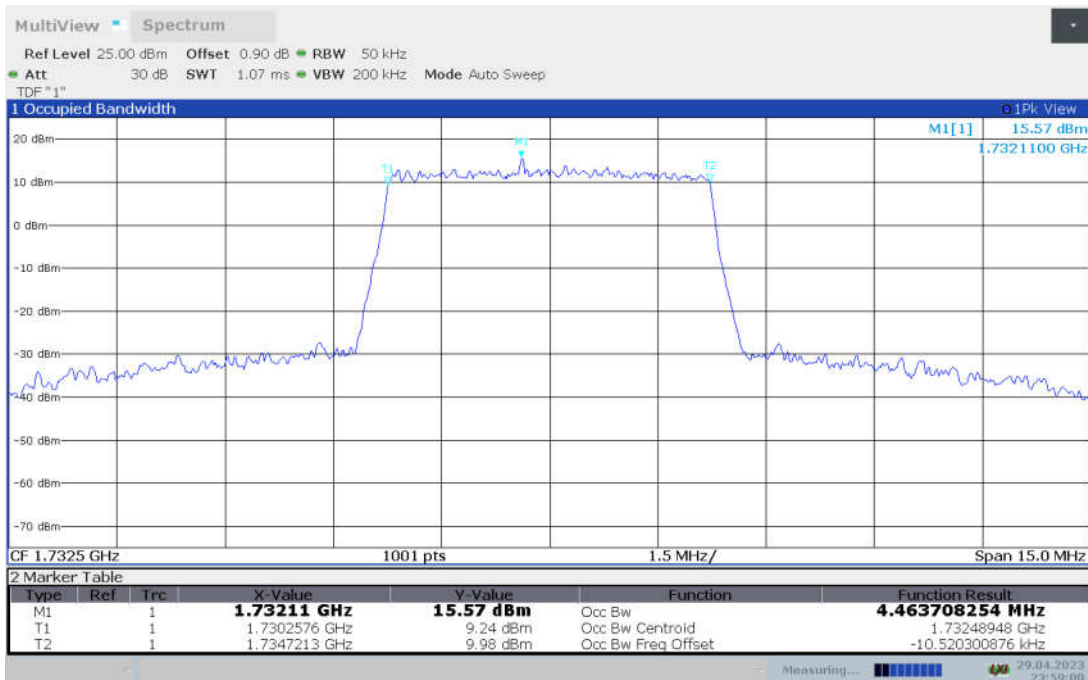
LTE band 4,5MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
1732.5	4.481	4.464

LTE band 4 , 5MHz Bandwidth, MID, QPSK (99% BW)



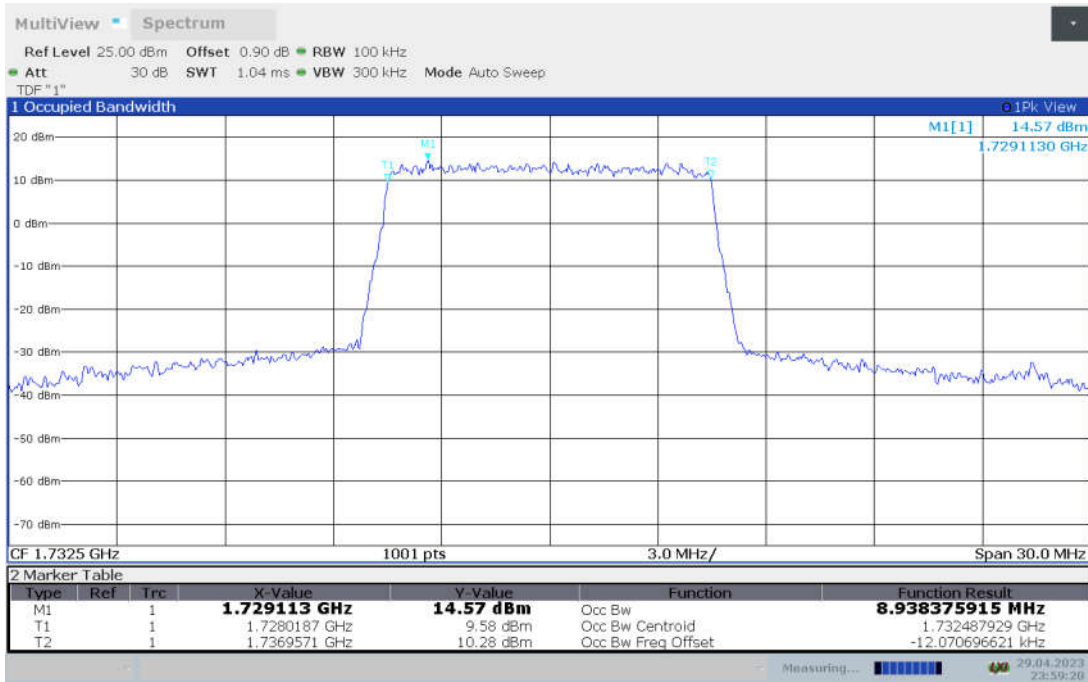
LTE band 4 , 5MHz Bandwidth, MID, 16QAM (99% BW)



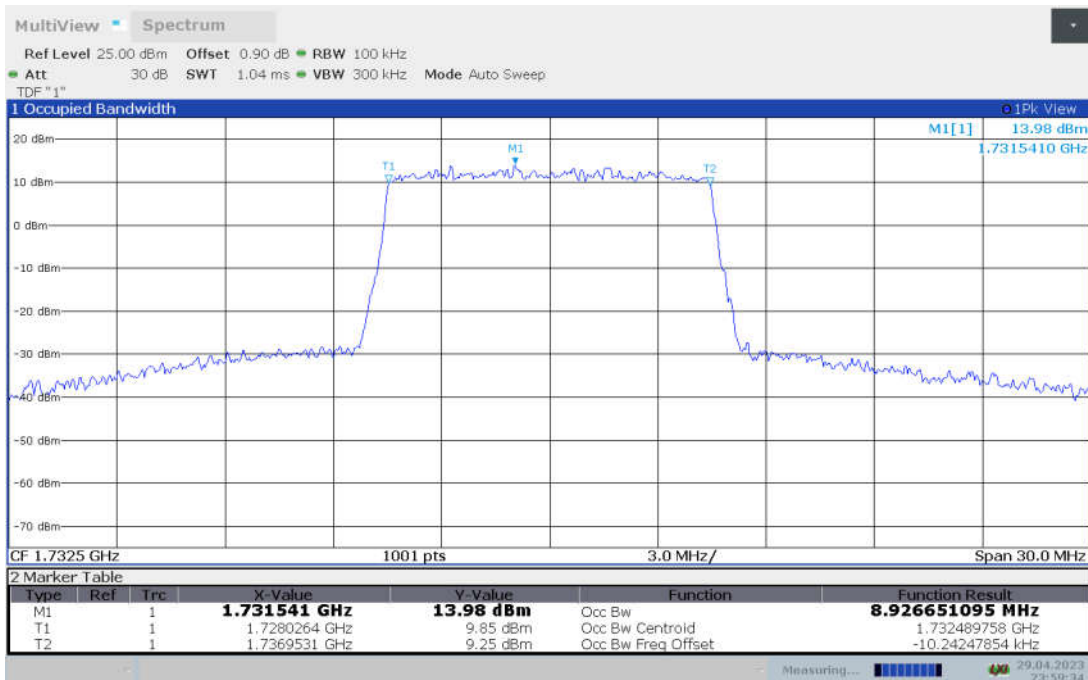
LTE band 4,10MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
1732.5	8.938	8.927

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



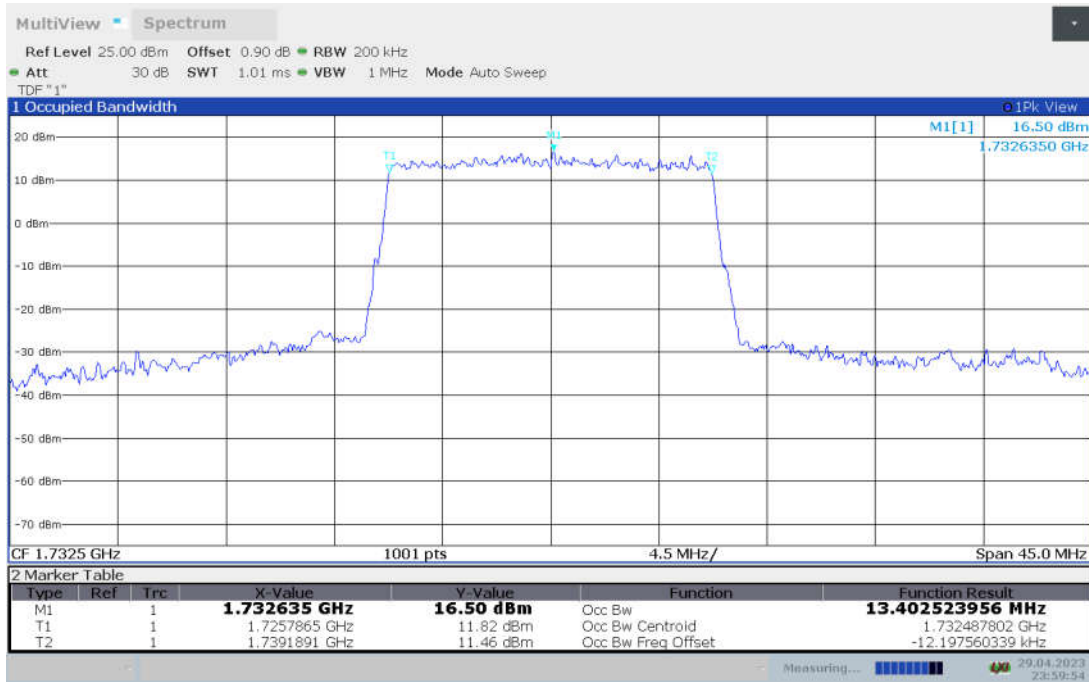
LTE band 4 , 10MHz Bandwidth, MID, 16QAM (99% BW)



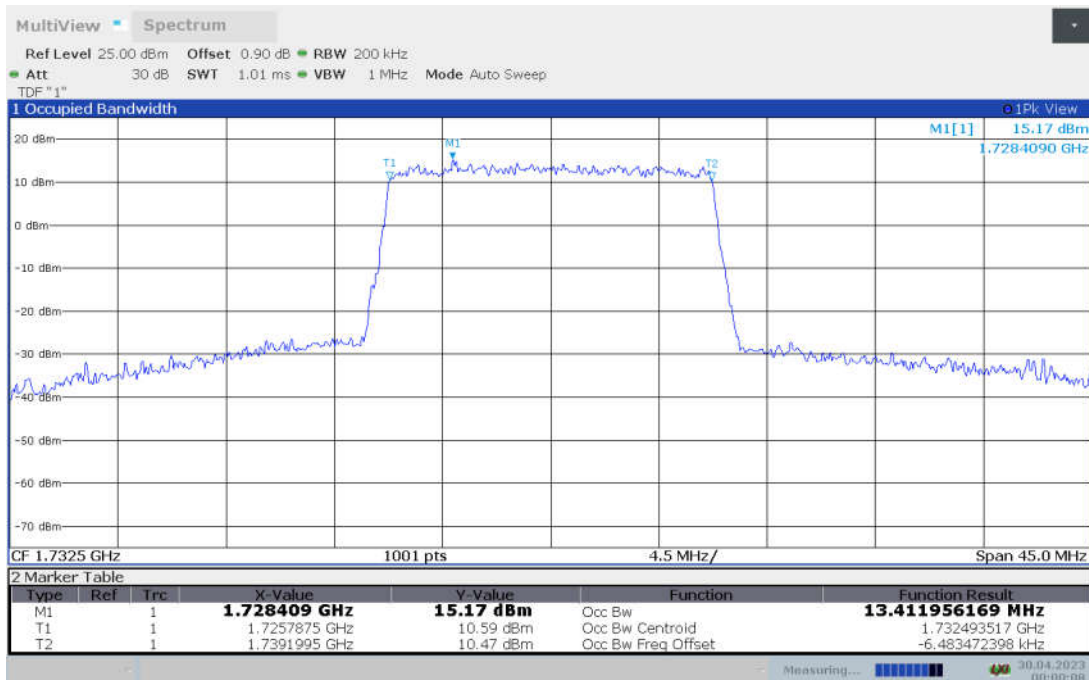
LTE band 4,15MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
1732.5	13.403	13.412

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



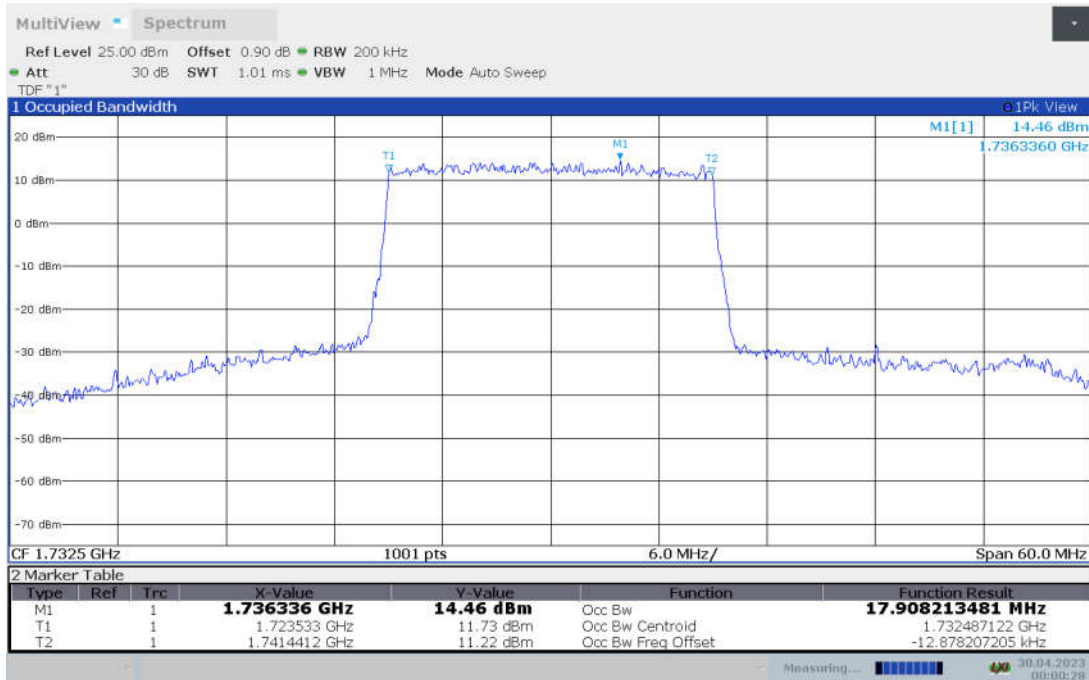
LTE band 4 , 15MHz Bandwidth, MID, 16QAM (99% BW)



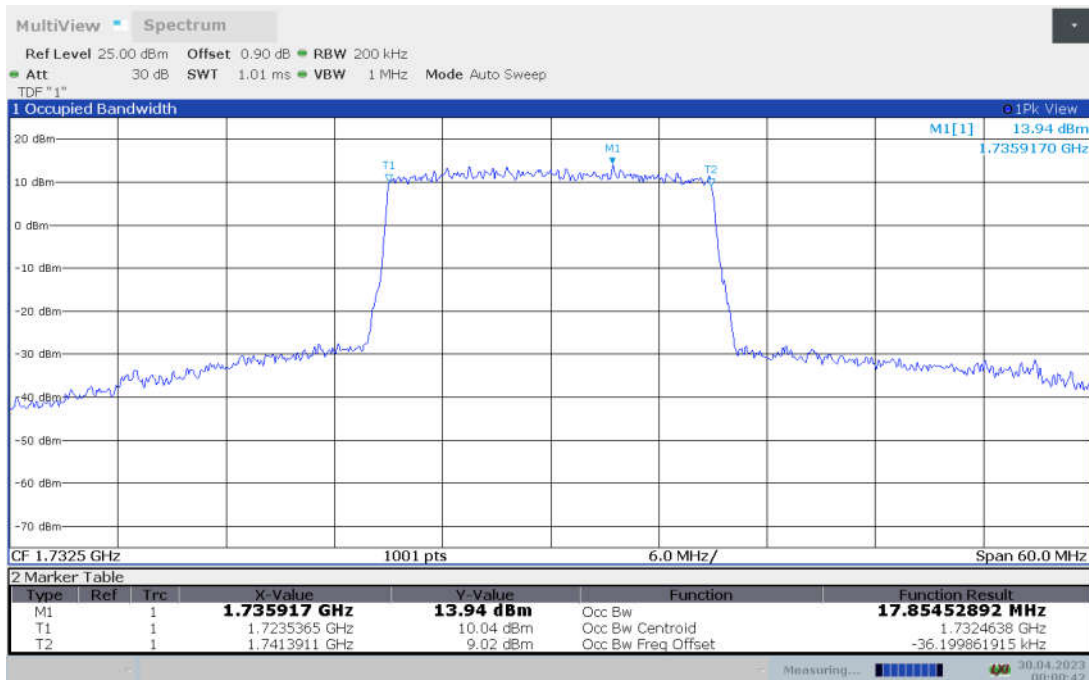
LTE band 4,20MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
1732.5	17.908	17.855

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



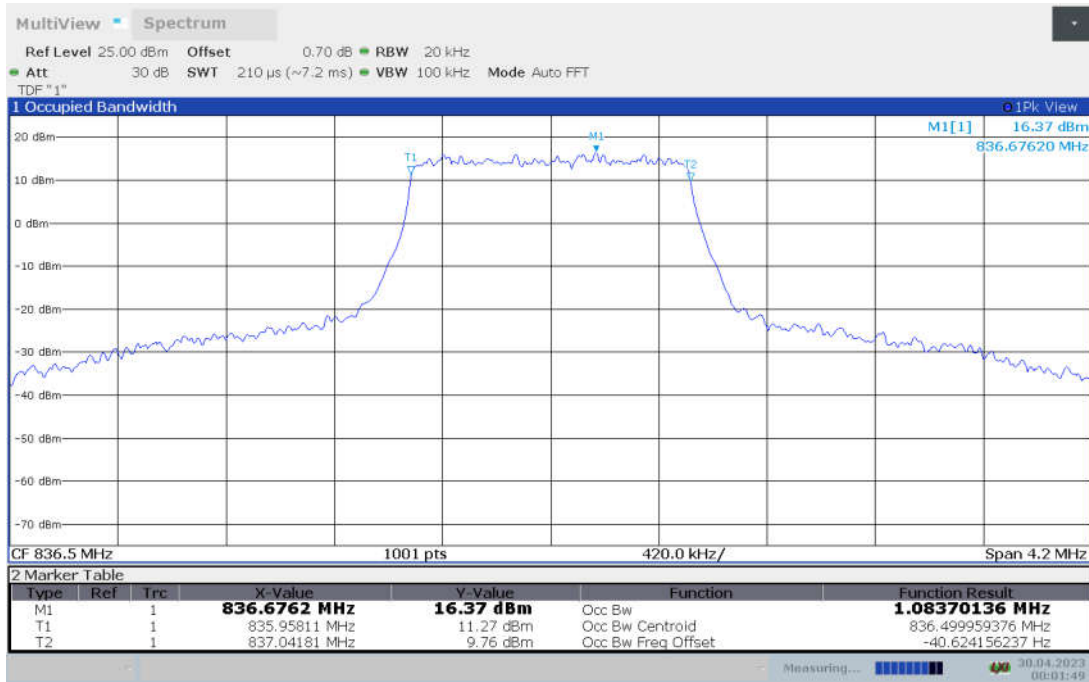
LTE band 4 , 20MHz Bandwidth, MID, 16QAM (99% BW)



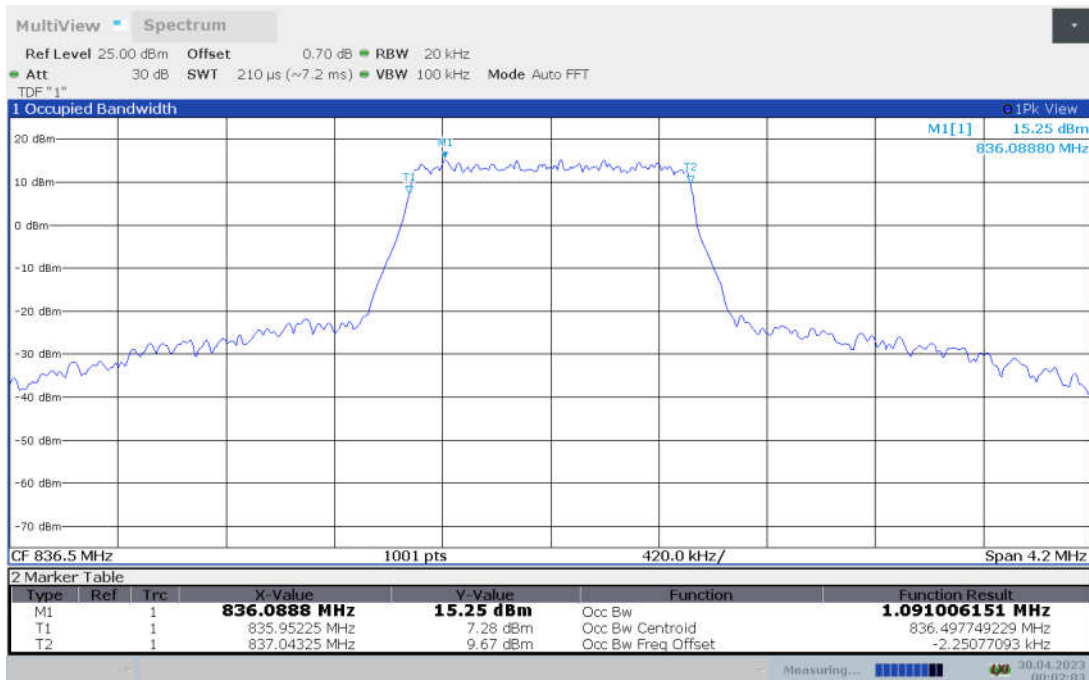
LTE band 5,1.4MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
836.5	1.084	1.091

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



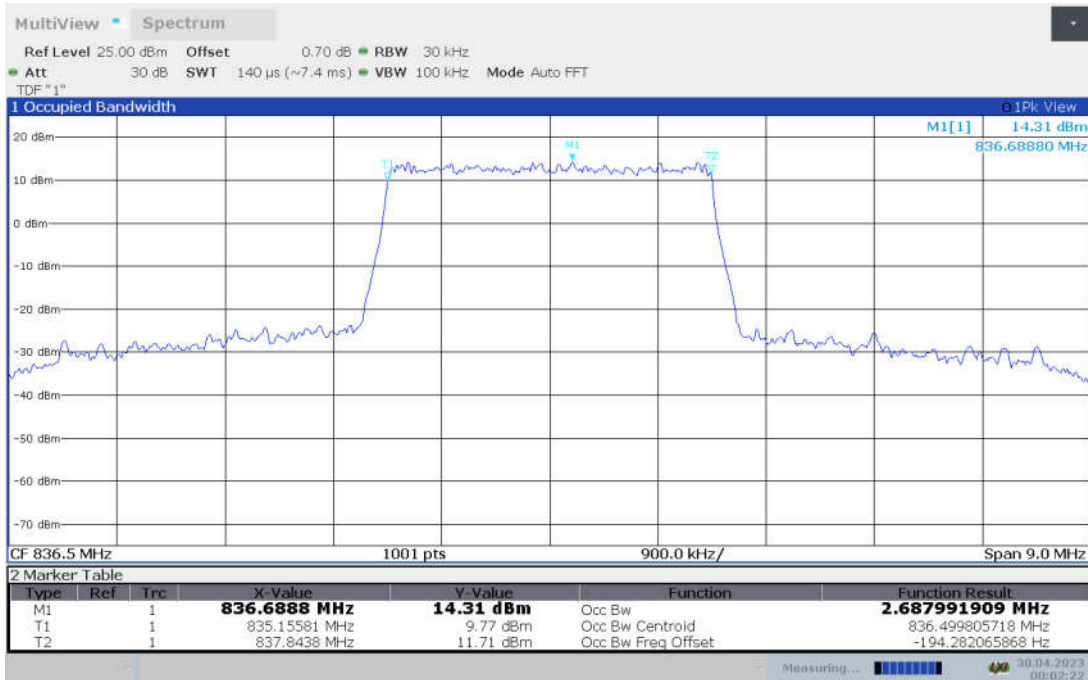
LTE band 5 , 1.4MHz Bandwidth, MID, 16QAM (99% BW)



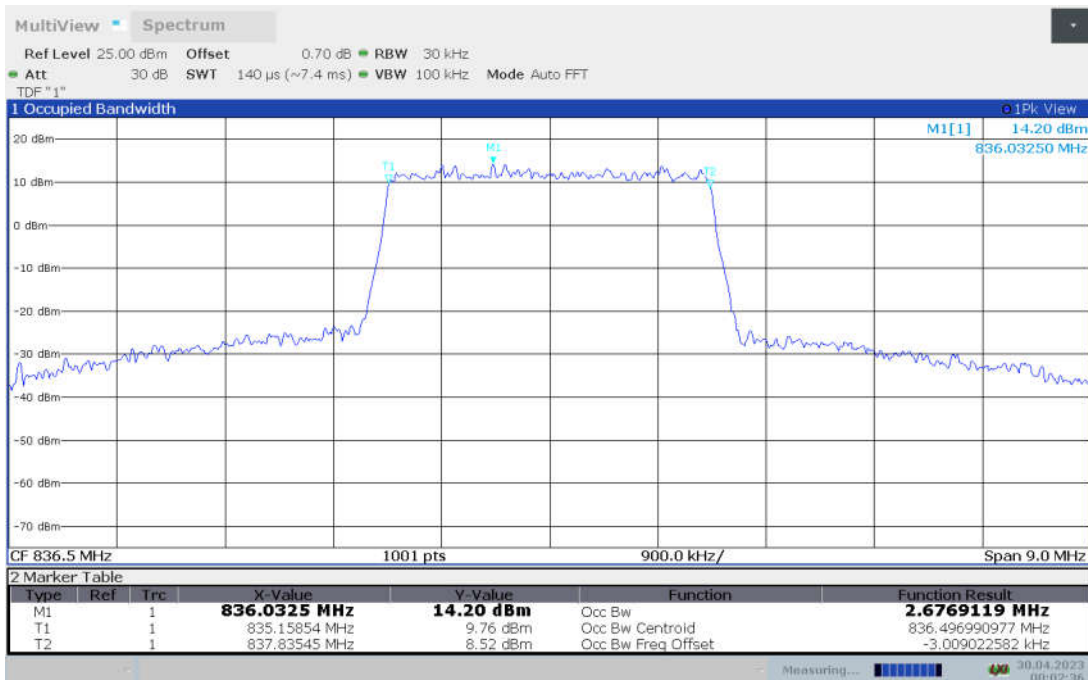
LTE band 5,3MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
836.5	2.688	2.677

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



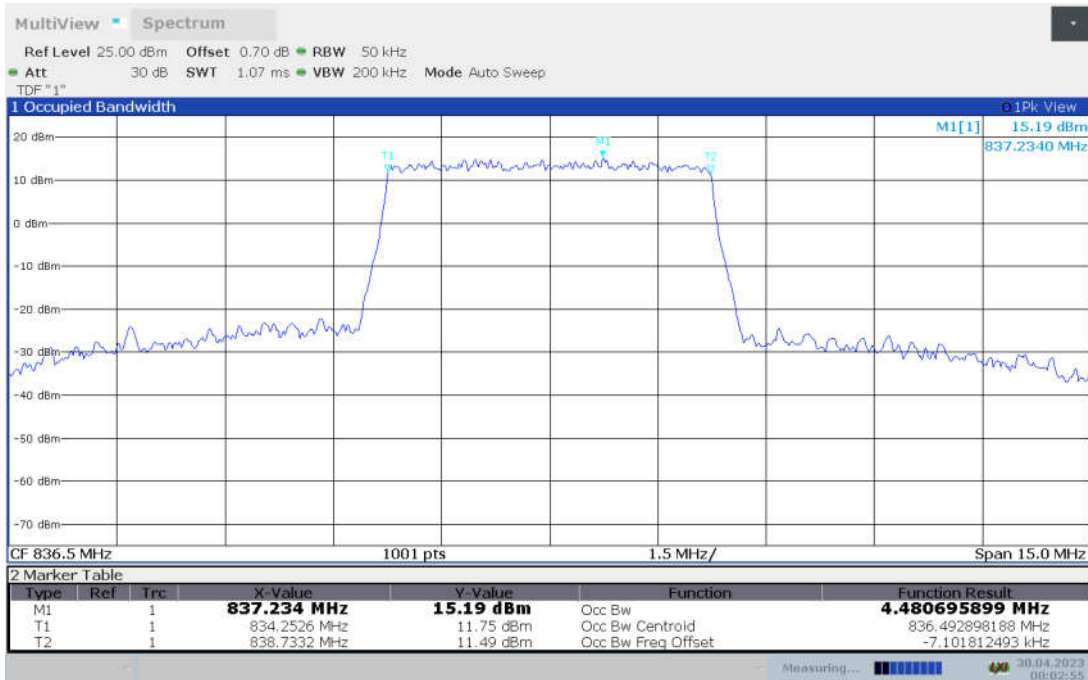
LTE band 5 , 3MHz Bandwidth, MID, 16QAM (99% BW)



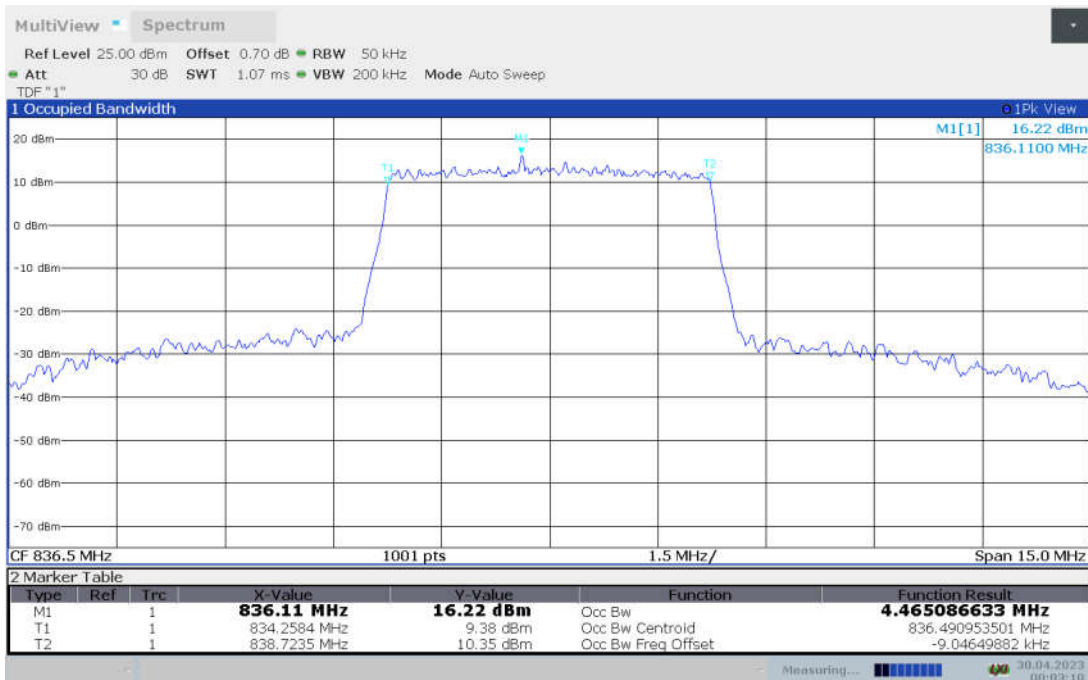
LTE band 5,5MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
836.5	4.481	4.465

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



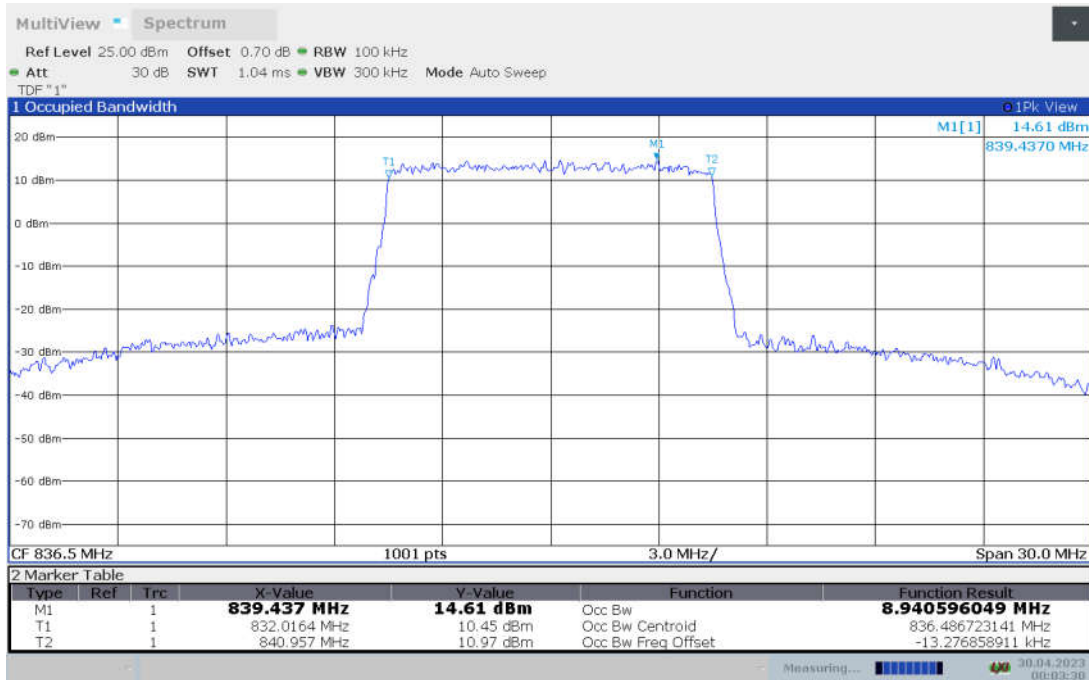
LTE band 5 , 5MHz Bandwidth, MID, 16QAM (99% BW)



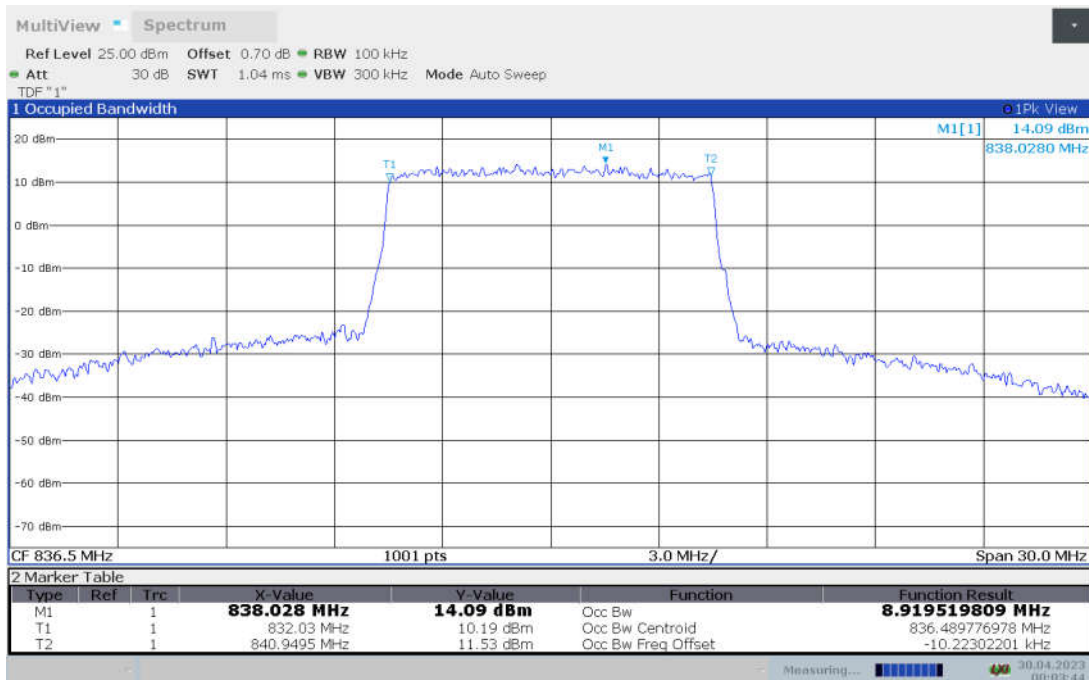
LTE band 5,10MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
836.5	8.941	8.920

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



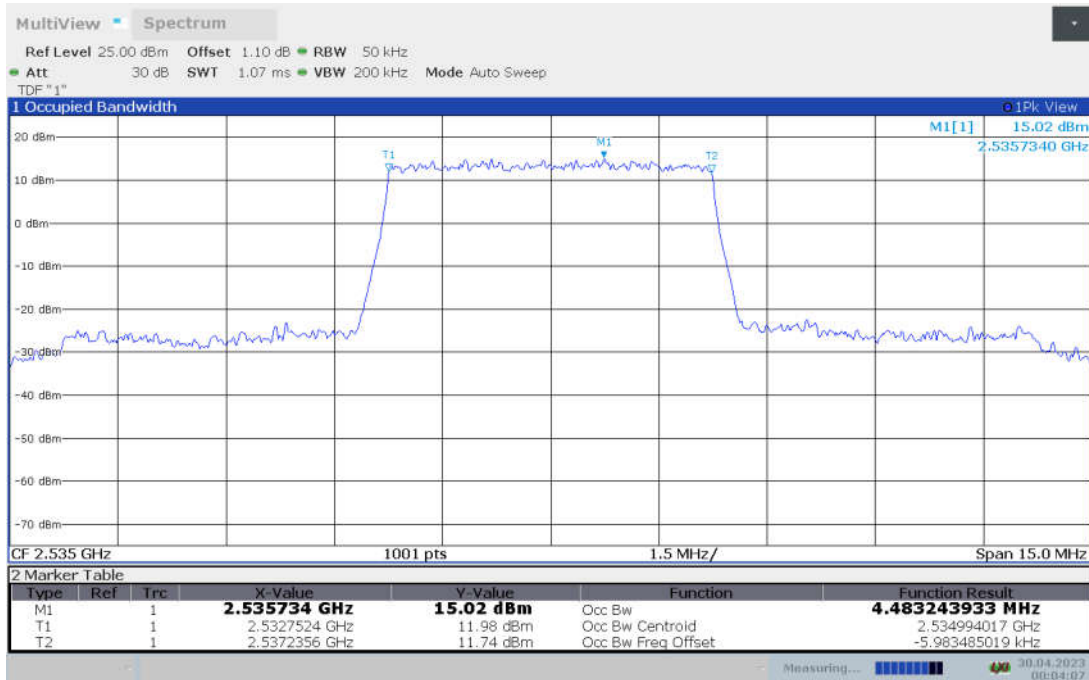
LTE band 5 , 10MHz Bandwidth, MID, 16QAM (99% BW)



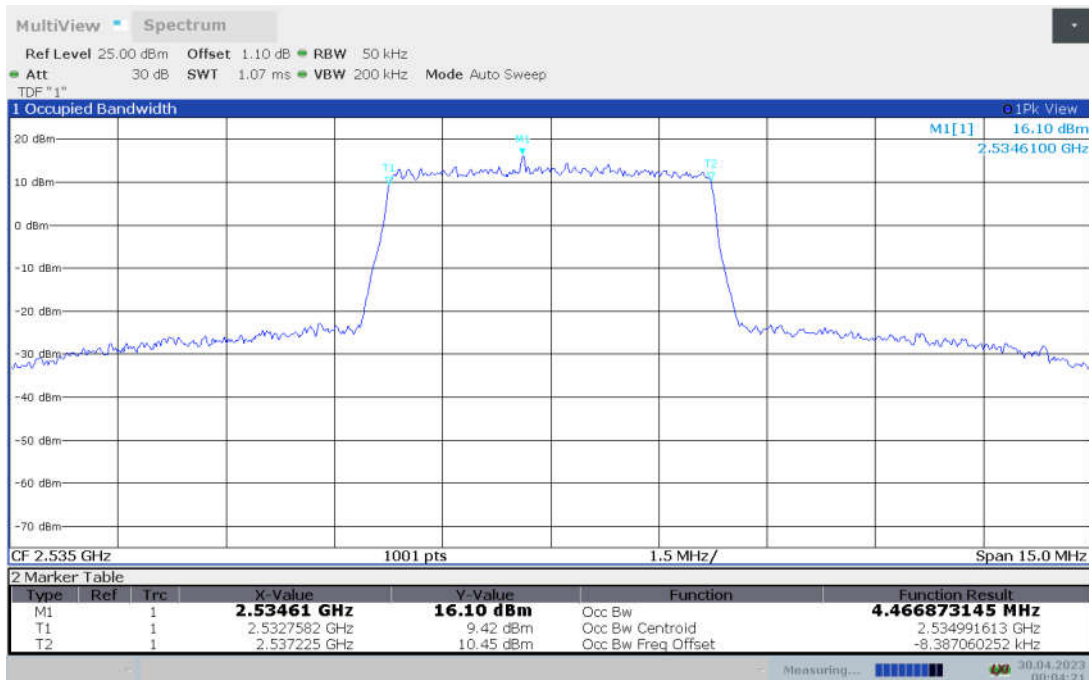
LTE band 7,5MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
2535	4.483	4.467

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



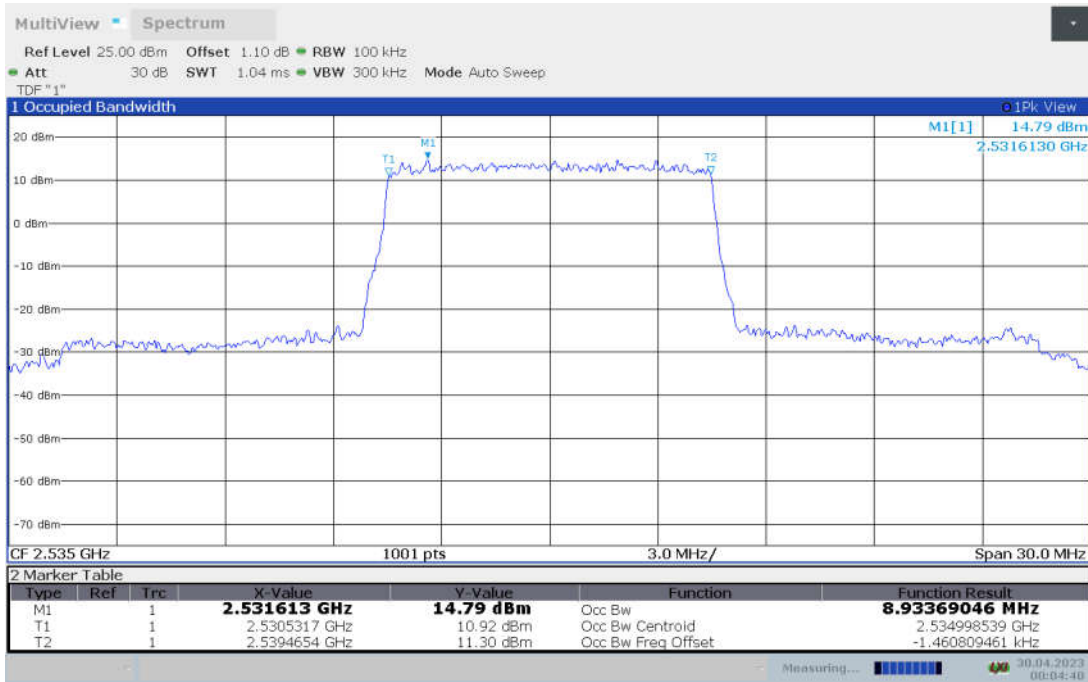
LTE band 7 , 5MHz Bandwidth, MID, 16QAM (99% BW)



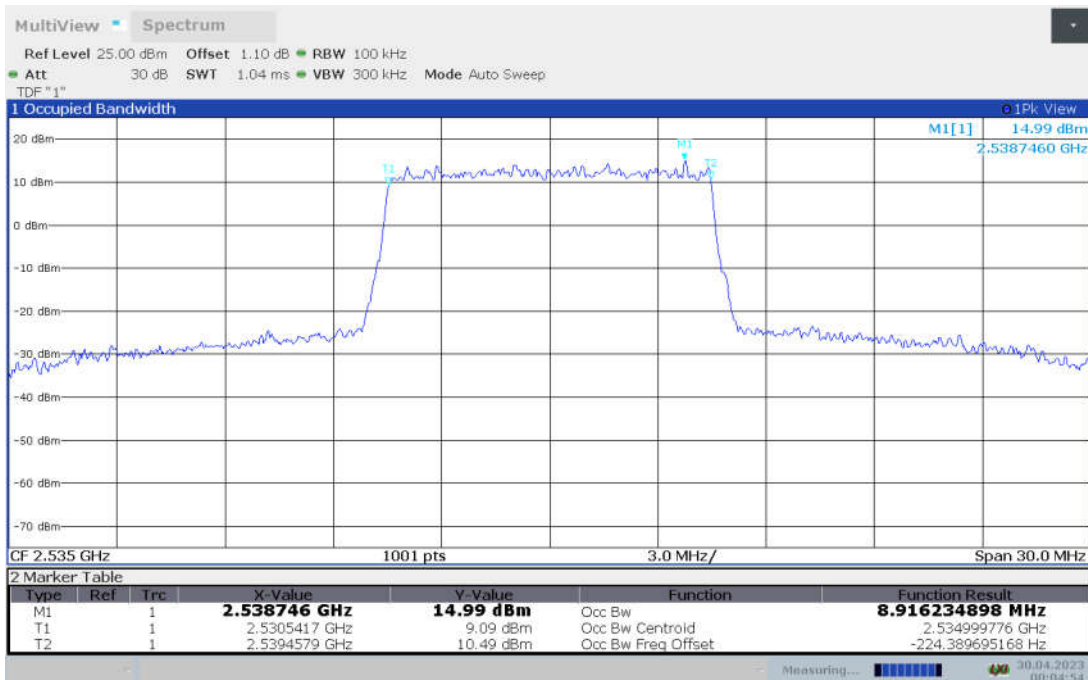
LTE band 7,10MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
2535	8.934	8.916

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



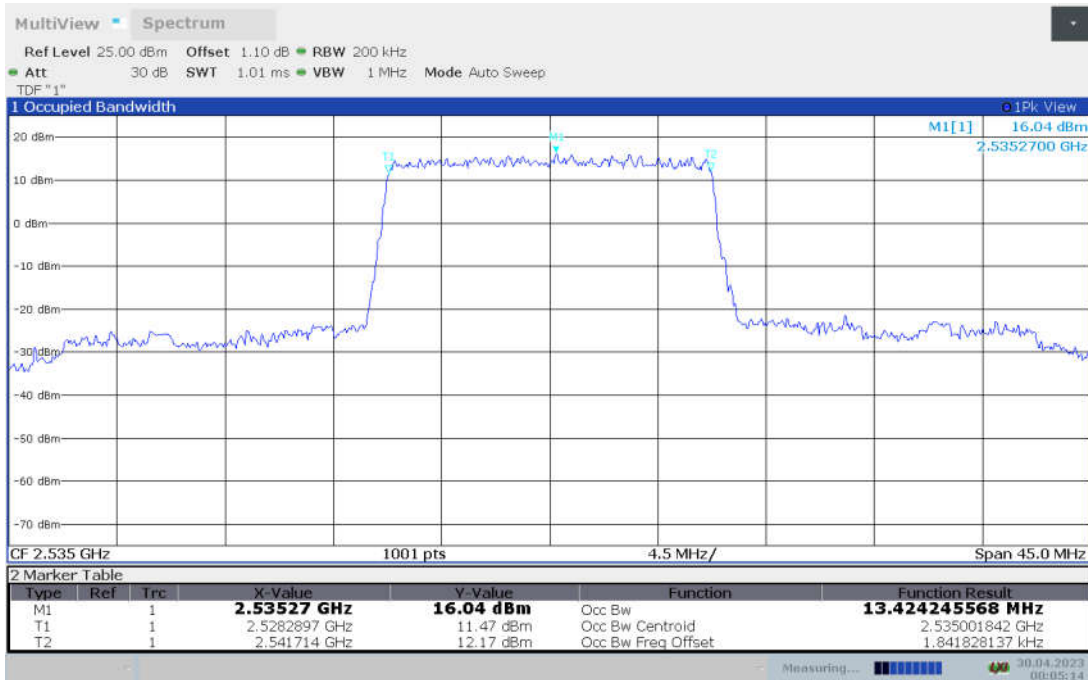
LTE band 7 , 10MHz Bandwidth, MID, 16QAM (99% BW)



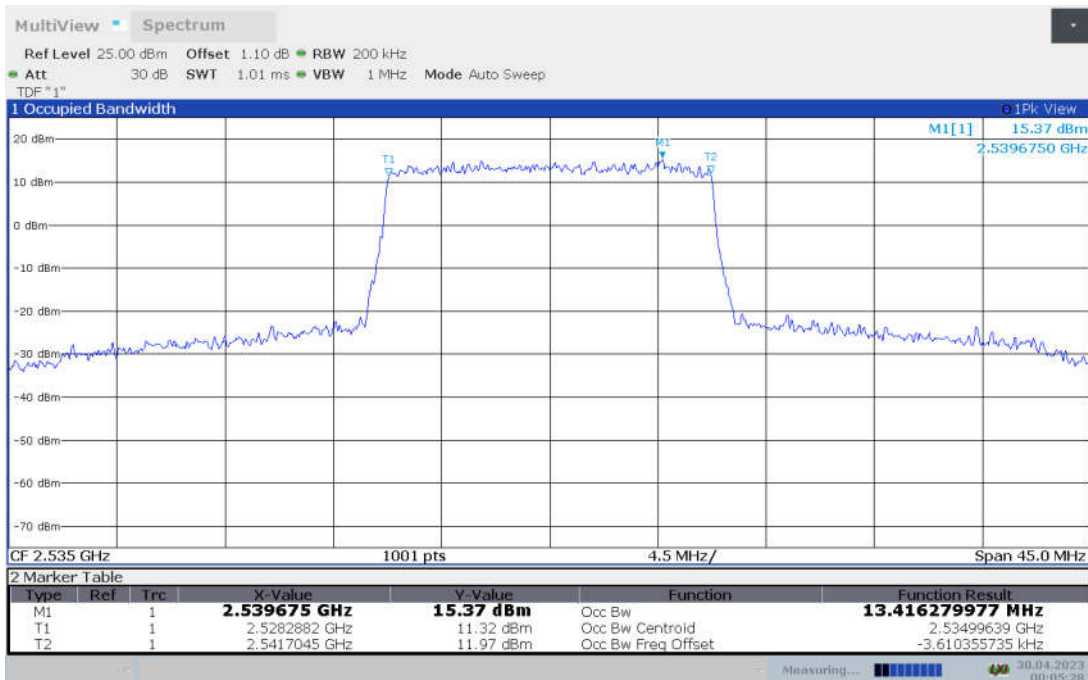
LTE band 7,15MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
2535	13.424	13.416

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



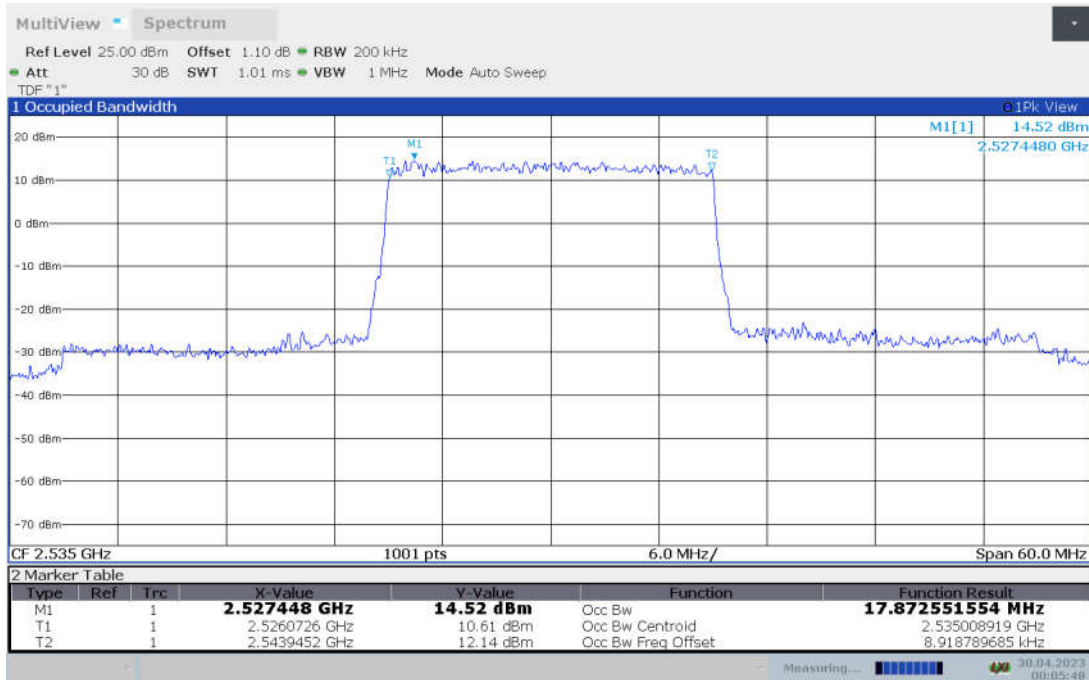
LTE band 7 , 15MHz Bandwidth, MID, 16QAM (99% BW)



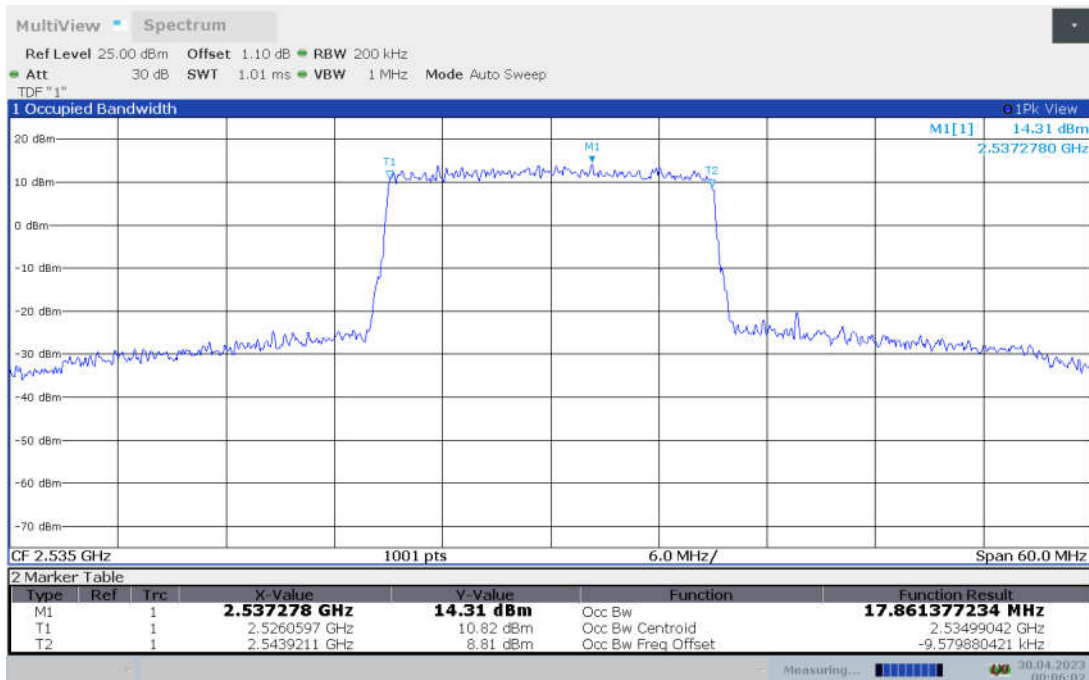
LTE band 7,20MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
2535	17.873	17.861

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



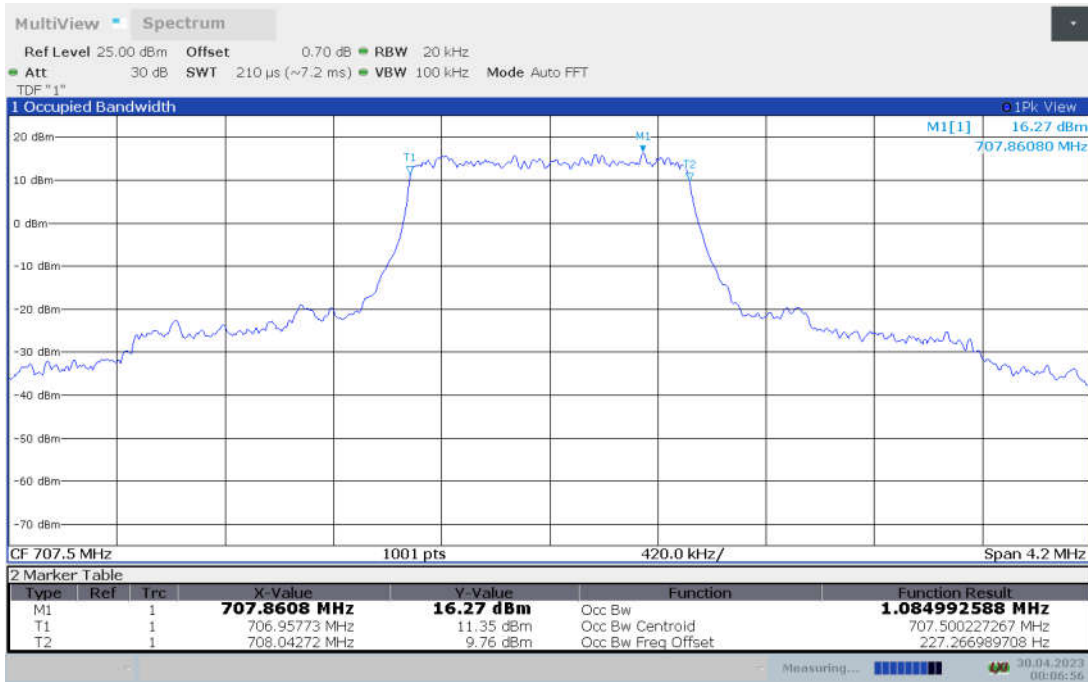
LTE band 7 , 20MHz Bandwidth, MID, 16QAM (99% BW)



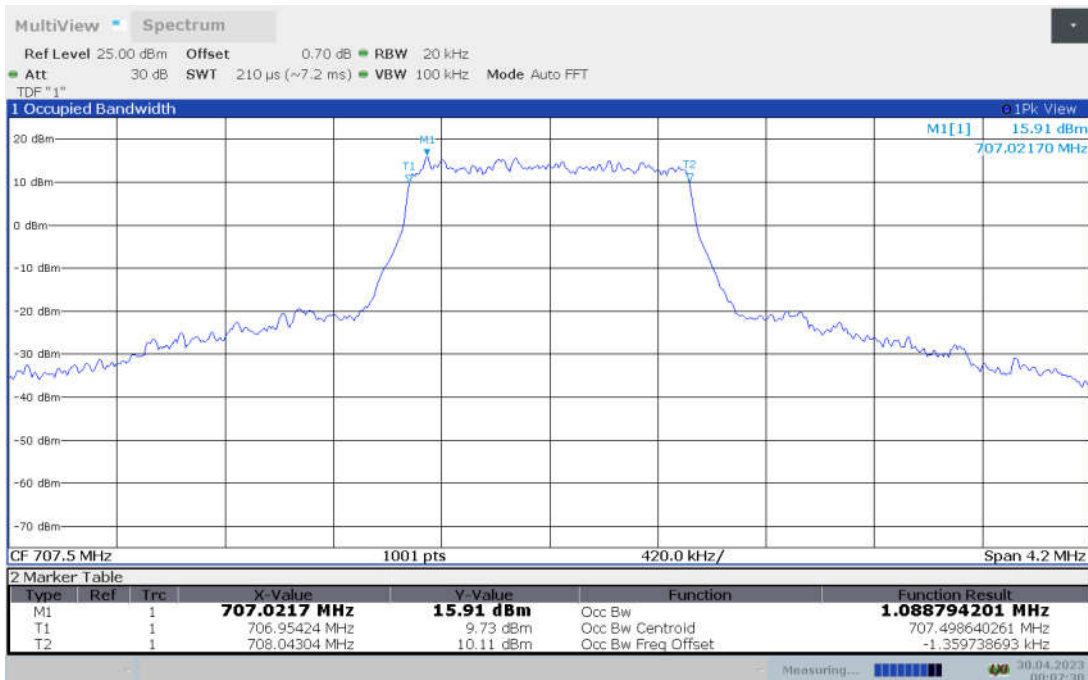
LTE band 12,1.4MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
707.5	1.085	1.089

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



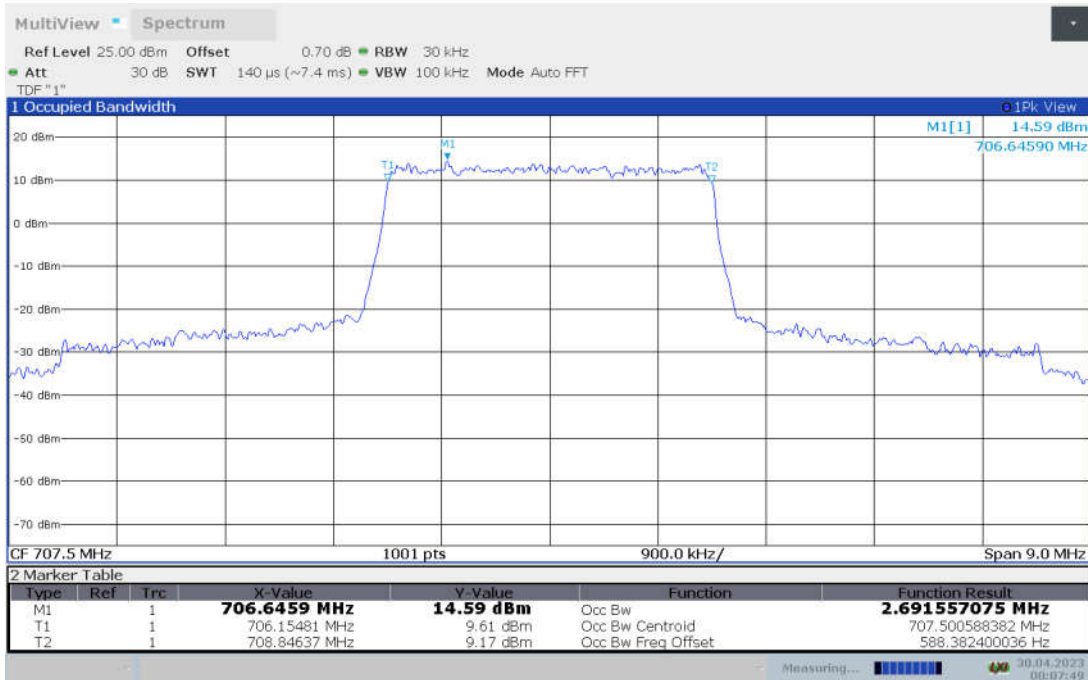
LTE band 12 , 1.4MHz Bandwidth, MID, 16QAM (99% BW)



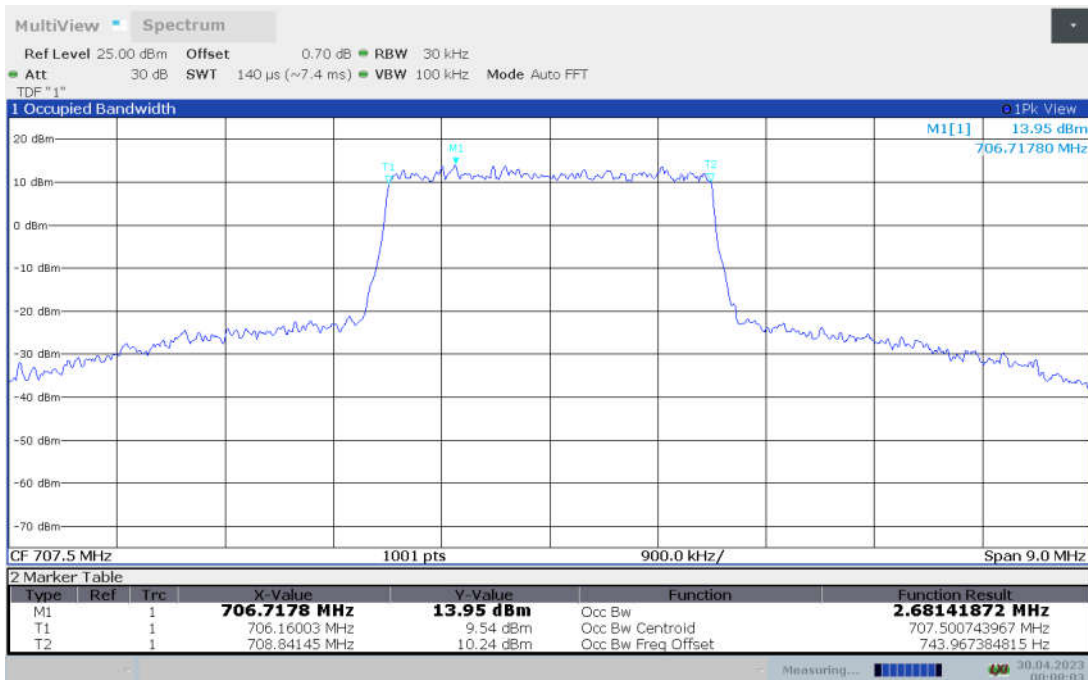
LTE band 12,3MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
707.5	2.692	2.681

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



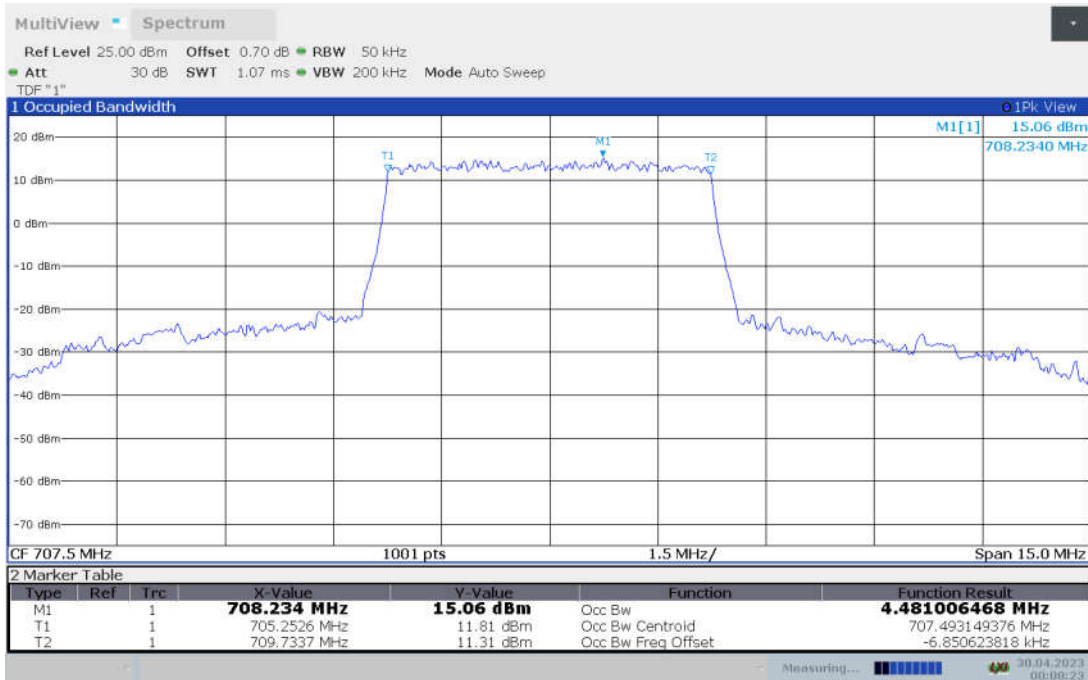
LTE band 12 , 3MHz Bandwidth, MID, 16QAM (99% BW)



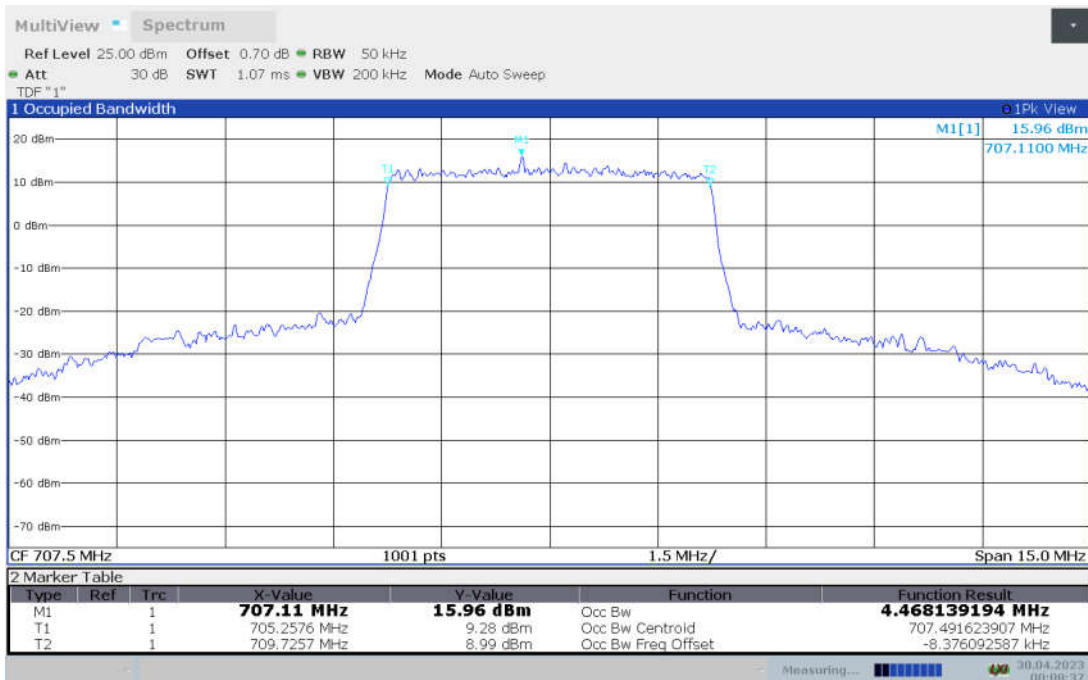
LTE band 12,5MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
707.5	4.481	4.468

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



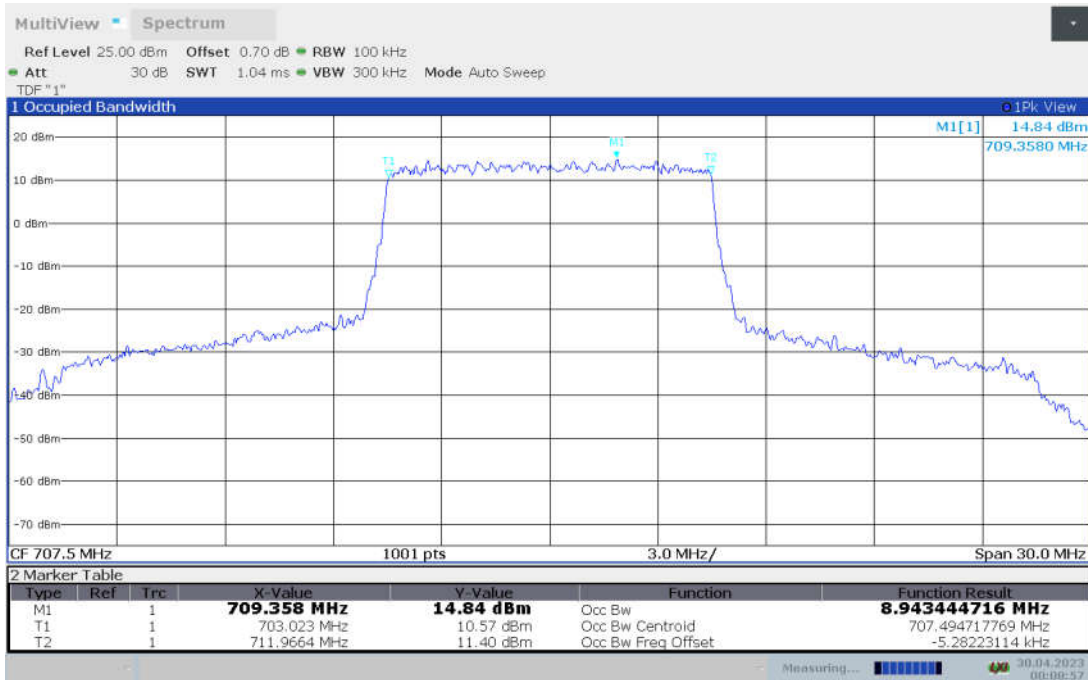
LTE band 12 , 5MHz Bandwidth, MID, 16QAM (99% BW)



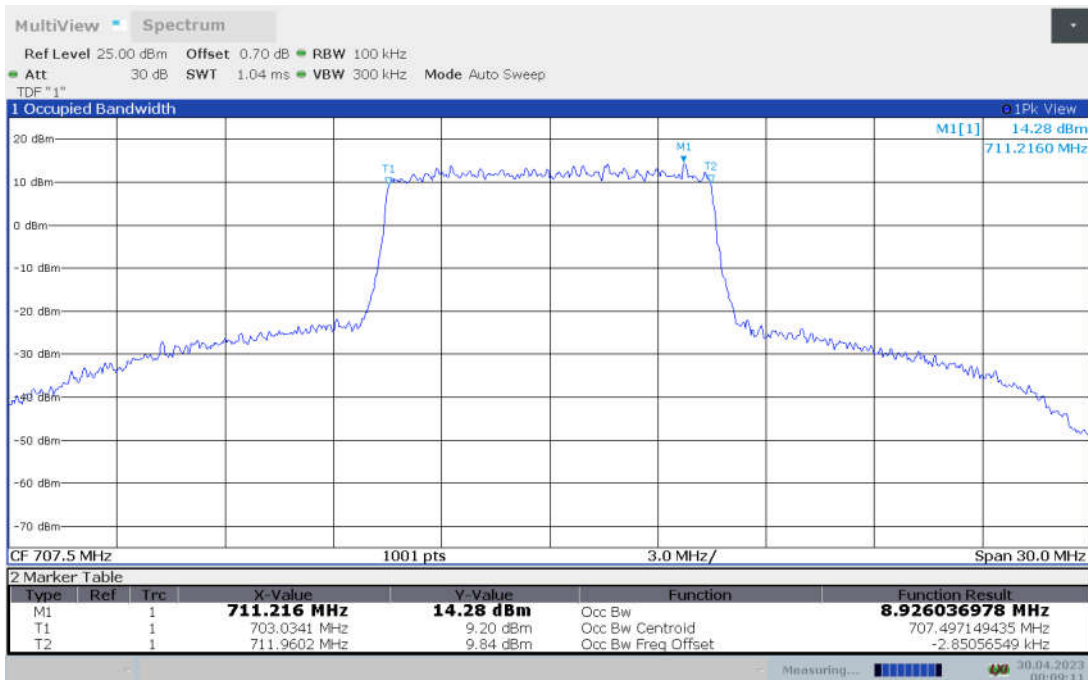
LTE band 12,10MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
707.5	8.943	8.926

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



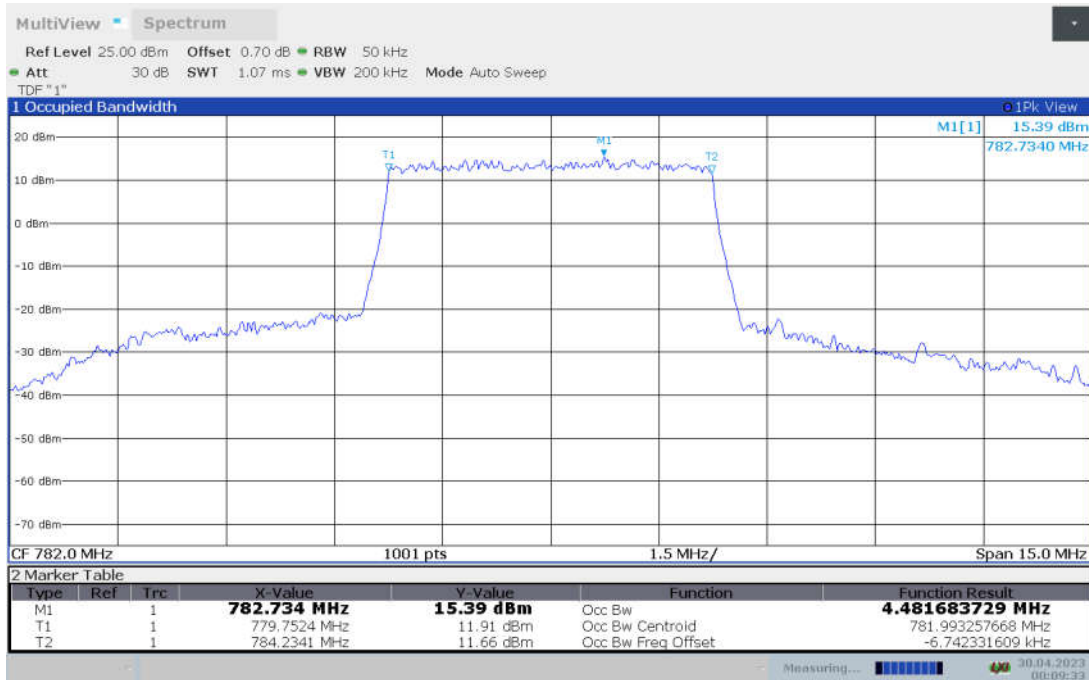
LTE band 12 , 10MHz Bandwidth, MID, 16QAM (99% BW)



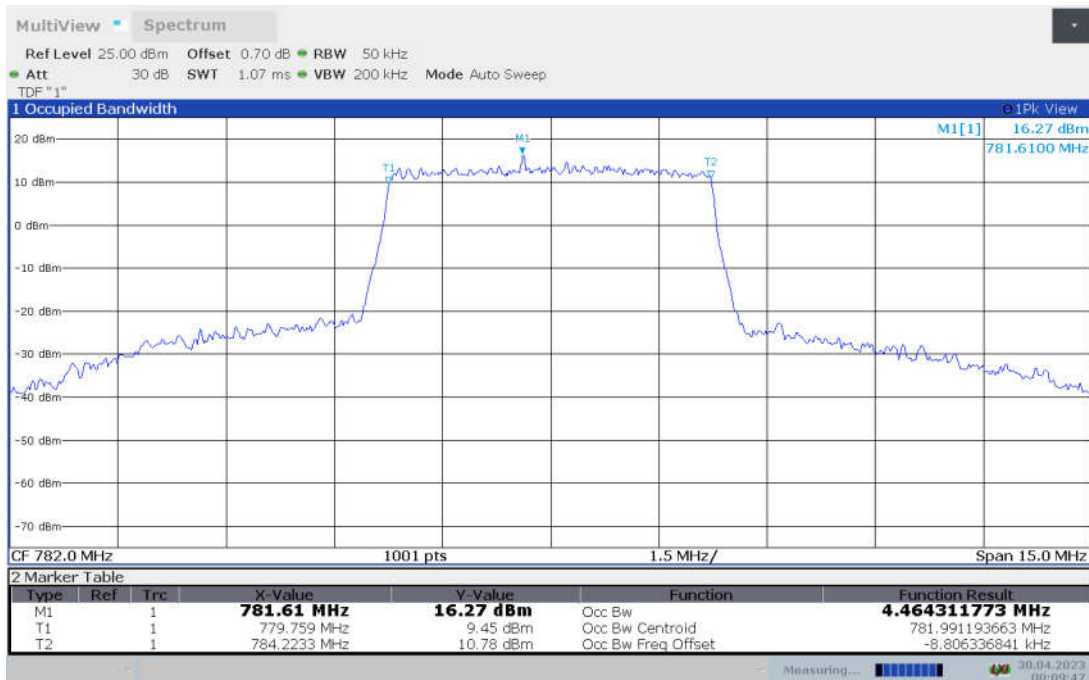
LTE band 13,5MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
782	4.482	4.464

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



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

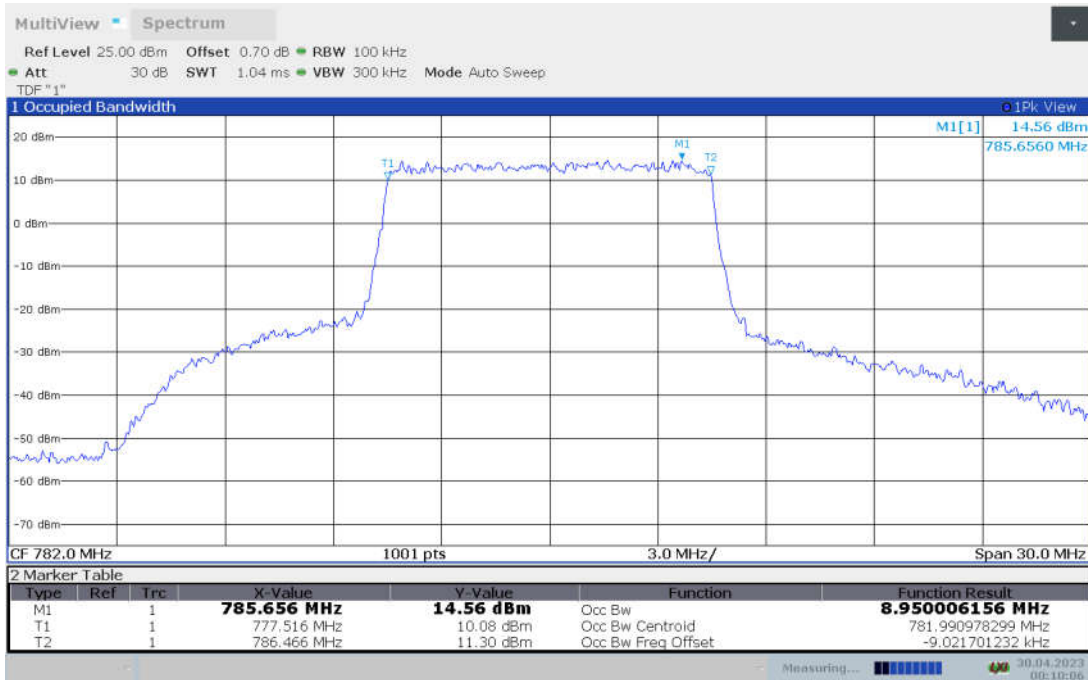




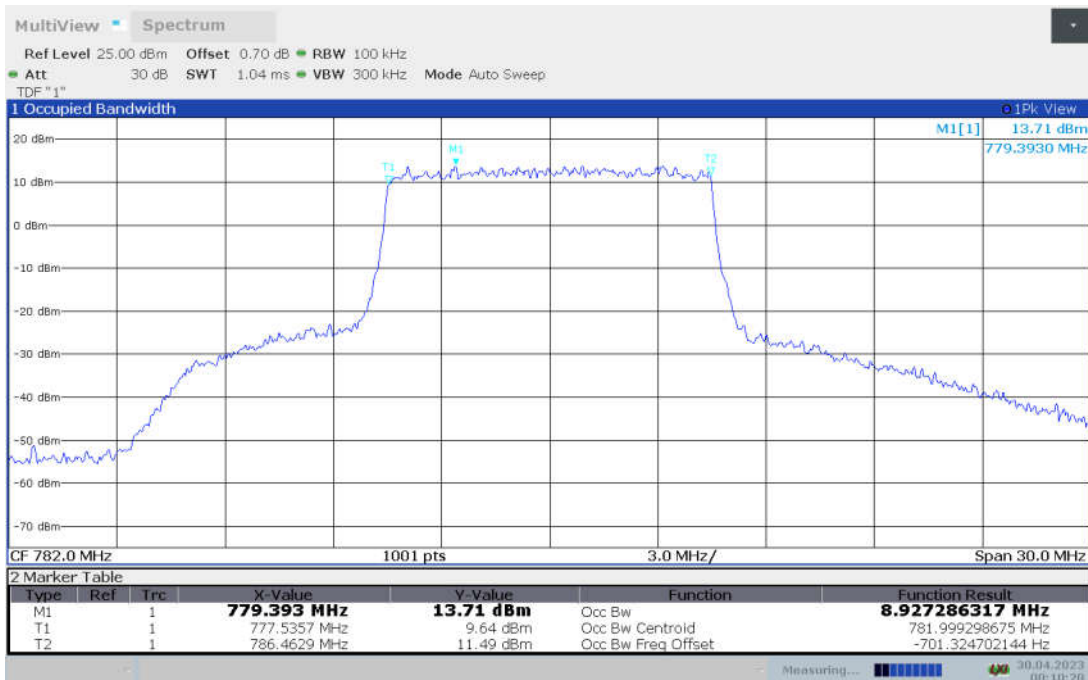
LTE band 13,10MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
782	8.950	8.927

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



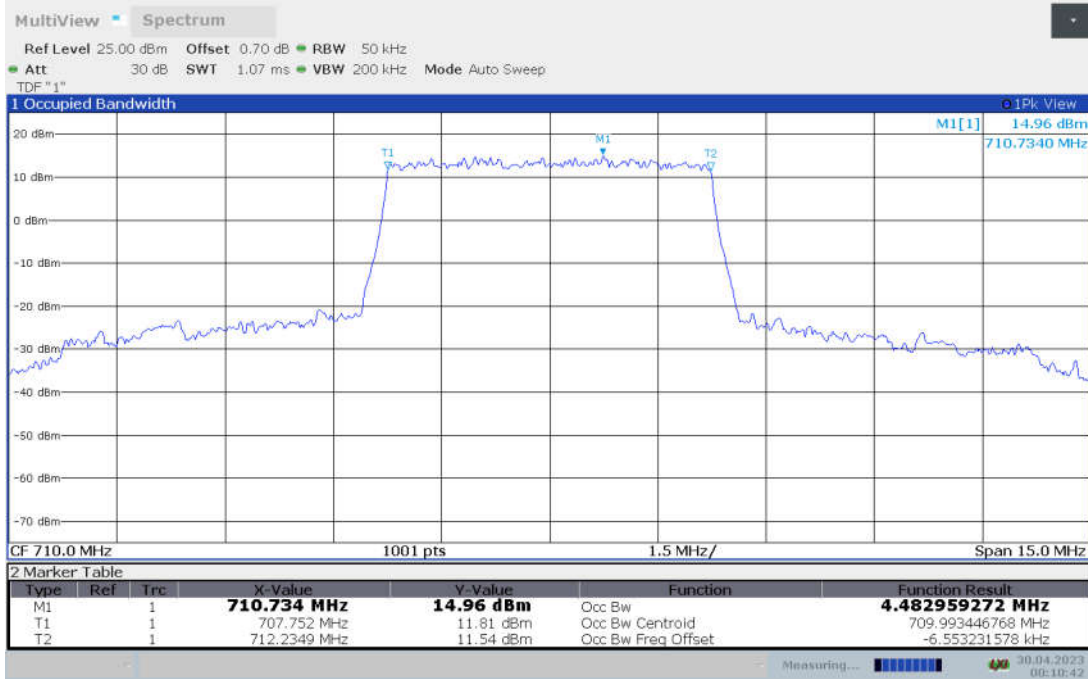
LTE band 13 , 10MHz Bandwidth, MID, 16QAM (99% BW)



LTE band 17,5MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
710	4.483	4.467

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



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

