



TEST REPORT

No.24T04N001537-008-RF LTE

For

Realme Chongqing Mobile Telecommunications Corp., Ltd.

Mobile Phone

Model Name: RMX5011

FCC ID: 2AUYFRMX5011

with

Hardware Version: 11

Software Version: realme UI 6.0

Issued Date: 2024-10-24

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.

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No.24T04N001537-008-RF LTE

REPORT HISTORY

Report Number	Revision	Description	Issue Date
24T04N001537-008-RF LTE	Rev.0	1st edition	2024-10-24



CONTENTS

1. SUMMARY OF TEST REPORT	4
1.1. TEST ITEMS.....	4
1.2. TEST STANDARDS.....	4
1.3. TEST RESULT.....	4
1.4. TESTING LOCATION.....	4
1.5. PROJECT DATA.....	4
1.6. SIGNATURE.....	4
2. CLIENT INFORMATION	5
2.1. APPLICANT INFORMATION.....	5
2.2. MANUFACTURER INFORMATION.....	5
3. EQUIPMENT UNDER TEST (EUT) AND ANCILLARY EQUIPMENT (AE)	6
3.1. ABOUT EUT.....	6
3.2. INTERNAL IDENTIFICATION OF EUT.....	6
3.3. INTERNAL IDENTIFICATION OF AE.....	6
3.4. GENERAL DESCRIPTION.....	6
4. REFERENCE DOCUMENTS	7
5. LABORATORY ENVIRONMENT	8
6. SUMMARY OF TEST RESULTS	9
7. STATEMENT	12
8. TEST EQUIPMENTS UTILIZED	13
ANNEX A: MEASUREMENT RESULTS	14
A.1 OUTPUT POWER.....	14
A.2 FIELD STRENGTH OF SPURIOUS RADIATION.....	127
A.3 FREQUENCY STABILITY.....	219
A.4 OCCUPIED BANDWIDTH.....	228
A.5 EMISSION BANDWIDTH.....	401
A.6 BAND EDGE COMPLIANCE.....	401
A.7 CONDUCTED SPURIOUS EMISSION.....	574
A.8 PEAK-TO-AVERAGE POWER RATIO.....	574
ANNEX B: ACCREDITATION CERTIFICATE	613
ANNEX C: CERTIFICATE OF BRAND AUTHORIZATION	666



1. SUMMARY OF TEST REPORT

1.1. Test Items

Description	Mobile Phone
Model Name	RMX5011
Brand Name	realme
Applicant's name	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Manufacturer's Name	Realme Chongqing Mobile Telecommunications Corp., Ltd.

1.2. Test Standards

FCC Part 2/22/24/27/90	10-1-23 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: 2024-08-07

Testing End Date: 2024-10-24

1.6. Signature

Wang Ping
(Prepared this test report)

Huang Qiuqin
(Reviewed this test report)

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(Approved this test report)



2. CLIENT INFORMATION

2.1. Applicant Information

Company Name: Realme Chongqing Mobile Telecommunications Corp., Ltd.
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Contact: HuangMinJiang
Email: mega@realme.com
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2.2. Manufacturer Information

Company Name: Realme Chongqing Mobile Telecommunications Corp., Ltd.
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Email: mega@realme.com
Telephone: (86)18502096102
Fax: /



3. EQUIPMENT UNDER TEST (EUT) AND ANCILLARY EQUIPMENT

(AE)

3.1. About EUT

Description	Mobile Phone
Model Name	RMX5011
FCC ID	2AUYFRMX5011
Frequency Bands	LTE Bands:2/4/5/7/12/13/17/26/38/41/66/ CA_7C/CA_38C/CA_41C/CA_2A-4A/CA_2A-7A/CA_4A-7A
Antenna	PIFA
Extreme vol. Limits	5.30V to 9.16V (nominal: 7.70V)
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
UT01aa	866186070019997	11	realme UI 6.0	2024-08-07
	866186070019989			
UT05aa	866186070019690	11	realme UI 6.0	2024-08-07
	866186070019682			

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

UT01aa are used for conduction test, UT05aa is used for radiation test.

3.3. Internal Identification of AE

AE ID*	Description
AE1	Battery
AE2	Charger
AE3	USB Cable
AE1	
Model	BLPB33
Manufacturer	Sunwoda Electronic CO.,LTD.
Capacity	3155mAh
Nominal Voltage	7.64V
AE2	
Model	VCBBOAUH
Manufacturer	Huizhou Golden Lake Industrial Co., Ltd.
Specification	American Standard Charger
AE3	
Model	DL153

AE: ancillary equipment

3.4. General Description

The Equipment Under Test (EUT) is a model RMX5011 with PIFA 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	10-1-23 Edition
FCC Part 24	PERSONAL COMMUNICATIONS SERVICES	10-1-23 Edition
FCC Part 2	FREQUENCY ALLOCATIONS AND RADIO TREATY MATTERS; GENERAL RULES AND REGULATIONS	10-1-23 Edition
FCC Part 27	MISCELLANEOUS WIRELESS COMMUNICATIONS SERVICES	10-1-23 Edition
FCC Part 90	PRIVATE LAND MOBILE RADIO SERVICES	10-1-23 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 4/66

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(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/ 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 7/38/41/CA_7C/CA_38C/ CA_41C

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 12/17

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 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 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



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	2024-11-22
2	Hybrid antenna	VULB 9163	Schwarzbeck	330	2027-04-21
3	Horn Antenna	3117	ETS-Lindgren	00066577	2025-04-17
4	Horn Antenna	QSH-SL-18-26-S-20	Q-par	17013	2026-02-01
5	Antenna	BBHA 9120D	Schwarzbeck	1593	2025-10-24
6	Antenna	QWH-SL-18-40-K-SG	Q-par	15979	2026-01-30
7	preamplifier	83017A	Agilent	MY39501110	/
8	Signal Generator	SMB100A	R&S	179725	2024-11-22
9	Fully Anechoic Chamber	FACT3-2.0	ETS-Lindgren	1285	2025-05-28
10	Spectrum Analyzer	FSV40	R&S	101192	2025-01-10
11	Universal Radio Communication Tester	CMU200	R&S	114545	2025-01-10
12	Universal Radio Communication Tester	CMW500	R&S	168719	2025-03-22
13	Power Supply	HMC8042	R&S	103284	2025-05-07
14	Universal Radio Communication Tester	CMW500	R&S	129146	2025-04-10
15	Spectrum Analyzer	FSW26	R&S	102197	2025-05-07
16	Temperature Chamber	SH-241	ESPEC	92007516	2025-05-07

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	23.15	22.30	21.43
		1880.0	23.03	22.23	21.24
		1850.7	22.96	22.09	21.25
	1 RB low	1909.3	23.16	22.29	21.50
		1880.0	23.06	22.17	21.32
		1850.7	22.97	22.05	21.23
	50% RB mid	1909.3	23.11	22.35	21.39
		1880.0	22.98	22.20	21.23
		1850.7	22.89	22.10	21.18
	100% RB	1909.3	22.15	21.22	20.20
		1880.0	22.05	21.12	20.13
		1850.7	21.96	21.04	20.05
3MHz	1 RB high	1908.5	23.19	22.39	21.44
		1880.0	23.12	22.20	21.17
		1851.5	22.96	22.08	21.22
	1 RB low	1908.5	23.14	22.28	21.34
		1880.0	23.04	22.14	21.08
		1851.5	22.83	22.04	21.13
	50% RB mid	1908.5	22.20	21.25	20.28
		1880.0	22.18	21.27	20.24
		1851.5	22.05	21.13	20.13
	100% RB	1908.5	22.17	21.18	20.20



Bandwidth	RB size/offset	Frequency(MHz)	Power(dBm)			
			QPSK	16QAM	64QAM	
5MHz	1 RB high	1880.0	22.15	21.16	20.17	
		1851.5	22.02	21.03	20.05	
		1907.5	23.30	22.52	21.46	
	1 RB low	1880.0	23.20	22.34	21.30	
		1852.5	23.13	22.22	21.17	
		1907.5	23.32	22.50	21.40	
	50% RB mid	1880.0	23.12	22.26	21.22	
		1852.5	23.02	22.05	21.14	
		1907.5	22.21	21.27	20.26	
	100% RB	1880.0	22.20	21.25	20.23	
		1852.5	22.09	21.18	20.14	
		1907.5	22.18	21.20	20.21	
	10MHz	1 RB high	1880.0	22.17	21.17	20.19
			1852.5	22.08	21.09	20.09
			1905.0	23.20	22.43	21.46
1 RB low		1880.0	23.14	22.28	21.29	
		1855.0	22.98	22.19	21.33	
		1905.0	23.19	22.41	21.43	
50% RB mid		1880.0	23.07	22.24	21.21	
		1855.0	22.93	22.18	21.22	
		1905.0	22.28	21.33	20.31	
100% RB		1880.0	22.25	21.28	20.28	
		1855.0	22.16	21.18	20.19	
		1905.0	22.25	21.27	20.29	
15MHz		1 RB high	1880.0	22.20	21.23	20.24
			1855.0	22.14	21.15	20.15
			1902.5	23.21	22.39	21.49
	1 RB low	1880.0	23.15	22.32	21.31	
		1857.5	22.96	22.16	21.32	
		1902.5	23.17	22.31	21.37	
	50% RB mid	1880.0	23.07	22.15	21.19	
		1857.5	22.89	22.11	21.24	
		1902.5	22.26	21.29	20.28	
	100% RB	1880.0	22.21	21.25	20.26	
		1857.5	22.14	21.15	20.16	
		1902.5	22.19	21.21	20.24	
			1880.0	22.16	21.18	20.20
			1857.5	22.06	21.10	20.10



Bandwidth	RB size/offset	Frequency(MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
20MHz	1 RB high	1900.0	23.18	22.43	21.45
		1880.0	23.05	22.16	21.32
		1860.0	23.12	22.24	21.34
	1 RB low	1900.0	23.21	22.45	21.45
		1880.0	22.99	22.06	21.23
		1860.0	22.93	22.10	20.98
	50% RB mid	1900.0	22.26	21.27	20.25
		1880.0	22.23	21.25	20.24
		1860.0	22.17	21.17	20.16
	100% RB	1900.0	22.22	21.22	20.22
		1880.0	22.19	21.19	20.21
		1860.0	22.12	21.12	20.14

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	24.15	23.37	22.57
		1732.5	24.15	23.35	22.28
		1710.7	24.25	23.13	22.53
	1 RB low	1754.3	24.19	23.45	22.60
		1732.5	24.21	23.32	22.44
		1710.7	24.35	23.51	22.63
	50% RB mid	1754.3	24.20	23.28	22.51
		1732.5	24.03	23.45	22.24
		1710.7	24.20	23.51	22.44
	100% RB	1754.3	23.24	22.28	21.31
		1732.5	23.16	22.20	21.15
		1710.7	23.21	22.32	21.26
3MHz	1 RB high	1753.5	24.25	23.36	22.39
		1732.5	24.21	23.28	22.34
		1711.5	24.21	23.30	22.46
	1 RB low	1753.5	24.14	23.31	22.48
		1732.5	24.04	23.05	22.18
		1711.5	24.12	23.40	22.44
	50% RB mid	1753.5	23.29	22.36	21.30
		1732.5	23.28	22.35	21.36
		1711.5	23.34	22.40	21.44
	100% RB	1753.5	23.26	22.29	21.23
		1732.5	23.26	22.26	21.33
		1711.5	23.30	22.32	21.29
5MHz	1 RB high	1752.5	24.40	23.48	22.46
		1732.5	24.27	23.47	22.47
		1712.5	24.40	23.35	22.49
	1 RB low	1752.5	24.23	23.55	22.30
		1732.5	24.19	23.32	22.35
		1712.5	24.22	23.41	22.42
	50% RB mid	1752.5	23.28	22.33	21.32
		1732.5	23.21	22.28	21.27
		1712.5	23.40	22.42	21.38
	100% RB	1752.5	23.25	22.25	21.25
		1732.5	23.15	22.20	21.19
		1712.5	23.30	22.32	21.32
10MHz	1 RB high	1750.0	24.12	23.41	22.32
		1732.5	24.10	23.29	22.26
		1715.0	24.14	23.33	22.47



Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
	1 RB low	1750.0	24.02	23.32	22.35
		1732.5	24.02	23.10	22.29
		1715.0	24.20	23.49	22.48
	50% RB mid	1750.0	23.17	22.22	21.21
		1732.5	23.18	22.17	21.20
		1715.0	23.37	22.38	21.37
	100% RB	1750.0	23.22	22.26	21.25
		1732.5	23.13	22.16	21.19
		1715.0	23.32	22.32	21.33
15MHz	1 RB high	1747.5	24.12	23.21	22.30
		1732.5	23.99	23.05	22.28
		1717.5	24.07	23.30	22.34
	1 RB low	1747.5	24.11	23.26	22.44
		1732.5	24.11	23.33	22.34
		1717.5	24.14	23.41	22.51
	50% RB mid	1747.5	23.21	22.27	21.22
		1732.5	23.12	22.12	21.15
		1717.5	23.22	22.25	21.28
	100% RB	1747.5	23.16	22.19	21.22
		1732.5	23.04	22.09	21.12
		1717.5	23.18	22.20	21.22
20MHz	1 RB high	1745.0	23.99	23.34	22.38
		1732.5	23.96	22.98	22.18
		1720.0	24.06	23.23	22.20
	1 RB low	1745.0	24.07	23.33	22.25
		1732.5	24.00	23.05	22.19
		1720.0	24.12	23.28	22.30
	50% RB mid	1745.0	23.23	22.24	21.23
		1732.5	23.14	22.14	21.15
		1720.0	23.19	22.25	21.24
	100% RB	1745.0	23.19	22.24	21.20
		1732.5	23.11	22.12	21.10
		1720.0	23.20	22.17	21.20

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	23.81	23.39	22.27
		836.5	23.74	23.31	21.80
		824.7	23.99	23.23	22.06
	1 RB low	848.3	23.80	22.99	22.13
		836.5	23.74	23.34	22.13
		824.7	23.81	23.32	22.43
	50% RB mid	848.3	22.88	22.03	21.03
		836.5	22.75	21.78	21.11
		824.7	23.13	21.98	21.00
	100% RB	848.3	22.66	21.89	20.78
		836.5	22.98	22.02	20.94
		824.7	22.95	21.99	21.02
3MHz	1 RB high	847.5	23.87	23.13	22.23
		836.5	23.75	23.16	21.69
		825.5	23.79	23.11	21.90
	1 RB low	847.5	23.82	22.87	22.12
		836.5	23.59	23.22	22.22
		825.5	23.81	23.02	22.23
	50% RB mid	847.5	22.77	22.00	20.85
		836.5	22.90	21.92	20.86
		825.5	23.12	21.96	20.90
	100% RB	847.5	22.80	21.94	20.79
		836.5	22.74	21.79	20.83
		825.5	22.96	21.89	20.87
5MHz	1 RB high	846.5	23.89	23.11	21.99
		836.5	23.82	23.32	21.99
		826.5	23.82	23.13	21.92
	1 RB low	846.5	23.74	23.07	22.01
		836.5	23.85	23.35	22.30
		826.5	23.72	23.31	22.19
	50% RB mid	846.5	22.67	21.89	21.02
		836.5	22.78	21.91	21.10
		826.5	23.16	22.09	21.09
	100% RB	846.5	22.94	21.83	20.79
		836.5	22.91	21.75	21.10
		826.5	22.99	21.86	21.01
10MHz	1 RB high	844.0	23.92	23.16	22.26
		836.5	23.81	23.31	21.95
		829.0	23.93	23.01	22.16



Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
	1 RB low	844.0	23.85	23.14	22.00
		836.5	23.80	23.16	22.35
		829.0	23.75	23.17	22.13
	50% RB mid	844.0	22.87	21.92	20.76
		836.5	23.07	21.94	20.95
		829.0	22.86	22.00	21.09
	100% RB	844.0	22.90	21.96	20.73
		836.5	22.89	21.92	20.79
		829.0	22.82	21.93	20.98

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



LTE Band 7

Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
5MHz	1 RB high	2567.5	23.10	22.33	21.29
		2535.0	23.26	22.38	21.45
		2502.5	22.68	21.80	20.77
	1 RB low	2567.5	23.15	22.37	21.27
		2535.0	23.18	22.29	21.26
		2502.5	22.62	21.71	20.63
	50% RB mid	2567.5	22.14	21.18	20.18
		2535.0	22.18	21.23	20.22
		2502.5	21.70	20.74	19.69
	100% RB	2567.5	22.10	21.13	20.12
		2535.0	22.14	21.18	20.21
		2502.5	21.64	20.64	19.68
10MHz	1 RB high	2565.0	23.01	22.20	21.31
		2535.0	23.19	22.36	21.35
		2505.0	22.59	21.84	20.94
	1 RB low	2565.0	23.08	22.32	21.25
		2535.0	23.06	22.18	21.14
		2505.0	22.53	21.76	20.79
	50% RB mid	2565.0	22.11	21.14	20.10
		2535.0	22.18	21.21	20.22
		2505.0	21.73	20.75	19.76
	100% RB	2565.0	22.05	21.07	20.10
		2535.0	22.14	21.15	20.17
		2505.0	21.70	20.72	19.72
15MHz	1 RB high	2562.5	23.00	22.13	21.23
		2535.0	23.19	22.32	21.37
		2507.5	22.67	21.87	20.99
	1 RB low	2562.5	23.09	22.26	21.31
		2535.0	22.93	22.10	21.04
		2507.5	22.53	21.72	20.81
	50% RB mid	2562.5	22.14	21.20	20.19
		2535.0	22.12	21.16	20.16
		2507.5	21.72	20.76	19.77
	100% RB	2562.5	22.10	21.13	20.16
		2535.0	22.08	21.10	20.13
		2507.5	21.70	20.72	19.74



Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
20MHz	1 RB high	2560.0	23.00	22.25	21.26
		2535.0	23.20	22.24	21.41
		2510.0	22.76	21.96	20.99
	1 RB low	2560.0	23.13	22.32	21.29
		2535.0	22.86	21.96	21.05
		2510.0	22.66	21.76	20.79
	50% RB mid	2560.0	22.23	21.24	20.26
		2535.0	22.15	21.17	20.17
		2510.0	21.77	20.81	19.80
	100% RB	2560.0	22.19	21.20	20.20
		2535.0	22.12	21.13	20.14
		2510.0	21.75	20.78	19.79

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	23.74	23.17	22.26
		707.5	23.68	22.97	22.21
		699.7	23.64	23.05	21.92
	1 RB low	715.3	23.63	22.90	21.80
		707.5	23.58	22.94	21.85
		699.7	23.50	22.84	21.82
	50% RB mid	715.3	22.72	21.80	20.83
		707.5	22.75	21.75	20.76
		699.7	22.78	21.79	20.84
	100% RB	715.3	22.73	21.79	20.78
		707.5	22.72	21.74	20.79
		699.7	22.75	21.77	20.81
3MHz	1 RB high	714.5	23.89	23.31	22.12
		707.5	23.66	22.88	22.36
		700.5	23.61	22.96	22.02
	1 RB low	714.5	23.57	22.81	21.92
		707.5	23.47	23.14	21.82
		700.5	23.53	22.87	21.80
	50% RB mid	714.5	22.67	21.78	20.91
		707.5	22.90	21.64	20.68
		700.5	22.65	21.96	21.01
	100% RB	714.5	22.91	21.89	20.97
		707.5	22.82	21.74	20.98
		700.5	22.87	21.82	20.86
5MHz	1 RB high	713.5	23.77	23.18	22.45
		707.5	23.56	22.99	22.14
		701.5	23.65	23.03	22.07
	1 RB low	713.5	23.61	22.98	21.90
		707.5	23.50	23.11	21.82
		701.5	23.45	22.97	21.67
	50% RB mid	713.5	22.75	21.68	20.97
		707.5	22.87	21.72	20.85
		701.5	22.82	21.69	20.80
	100% RB	713.5	22.88	21.99	20.88
		707.5	22.69	21.93	20.72
		701.5	22.77	21.79	20.85
10MHz	1 RB high	711.0	23.76	23.18	22.20



Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
		707.5	23.75	23.05	21.98
		704.0	23.69	23.13	22.12
	1 RB low	711.0	23.70	23.26	21.90
		707.5	23.55	23.02	21.83
		704.0	23.55	22.87	21.84
	50% RB mid	711.0	22.83	21.88	20.85
		707.5	22.80	21.81	20.87
		704.0	22.85	21.89	20.94
	100% RB	711.0	22.80	21.81	20.83
		707.5	22.77	21.75	20.91
		704.0	22.81	21.98	20.90

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	23.15	22.69	21.30
		782.0	23.09	22.43	21.34
		779.5	22.94	22.59	21.36
	1 RB low	784.5	23.41	22.63	21.05
		782.0	23.14	22.75	21.25
		779.5	23.14	22.67	21.05
	50% RB mid	784.5	22.55	21.33	20.24
		782.0	22.42	21.25	19.93
		779.5	22.38	21.40	19.93
	100% RB	784.5	22.22	21.26	20.19
		782.0	22.51	21.33	20.18
		779.5	22.19	21.46	19.99
10MHz	1 RB high	782.0	23.07	22.56	21.23
	1 RB low	782.0	23.25	22.69	21.19
	50% RB mid	782.0	22.36	21.40	20.07
	100% RB	782.0	22.33	21.35	20.04

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	23.59	22.98	22.22
		710.0	23.61	23.05	21.89
		706.5	23.59	22.81	21.87
	1RB-Low (0)	713.5	23.53	23.16	21.90
		710.0	23.54	22.86	21.85
		706.5	23.60	23.04	21.95
	12RB-Middle (6)	713.5	22.86	21.91	20.89
		710.0	22.75	21.85	20.81
		706.5	22.84	21.92	20.96
	25RB (0)	713.5	22.88	21.84	20.88
		710.0	22.71	21.78	20.74
		706.5	22.78	21.82	20.86
10MHz	1RB-High (49)	711.0	23.75	23.01	22.23
		710.0	23.75	23.13	22.06
		709.0	23.70	23.25	21.98
	1RB-Low (0)	711.0	23.61	22.82	21.98
		710.0	23.63	22.99	21.84
		709.0	23.69	23.11	22.03
	25RB-Middle (12)	711.0	22.97	21.96	20.95
		710.0	22.81	21.90	20.85
		709.0	22.94	21.95	20.99
	50RB (0)	711.0	22.90	21.93	20.92
		710.0	22.80	21.82	20.86
		709.0	22.90	21.95	20.92

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	23.65	23.41	22.23
		819.0	23.88	23.09	21.70
		814.7	23.67	23.11	22.04
	1 RB low	823.3	23.56	23.10	22.27
		819.0	23.88	23.11	22.13
		814.7	23.72	23.28	22.12
	50% RB mid	823.3	23.02	21.94	20.83
		819.0	22.82	21.87	20.82
		814.7	22.94	21.97	21.00
	100% RB	823.3	22.76	21.72	20.72
		819.0	22.80	21.86	20.94
		814.7	23.13	22.06	21.13
3MHz	1 RB high	822.5	23.80	23.35	22.08
		819.0	23.83	23.24	21.90
		815.5	23.79	23.20	21.91
	1 RB low	822.5	23.77	23.01	22.28
		819.0	23.77	23.34	22.30
		815.5	23.87	23.28	22.32
	50% RB mid	822.5	22.72	22.03	20.73
		819.0	22.80	21.98	20.87
		815.5	22.85	21.84	20.95
	100% RB	822.5	22.84	22.01	20.90
		819.0	22.70	22.04	20.82
		815.5	22.81	22.14	20.95
5MHz	1 RB high	821.5	23.96	23.07	22.23
		819.0	23.97	23.14	21.88
		816.5	23.76	23.05	21.92
	1 RB low	821.5	23.52	23.19	22.00
		819.0	23.89	23.14	22.21
		816.5	23.68	23.09	22.46
	50% RB mid	821.5	22.83	21.95	20.73
		819.0	23.02	21.97	20.81
		816.5	23.18	21.88	20.92
	100% RB	821.5	23.00	21.71	20.73
		819.0	22.86	21.92	20.90
		816.5	22.96	22.11	21.16



Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
10MHz	1 RB high	819.0	23.82	23.11	22.12
	1 RB low	819.0	23.52	23.00	22.03
	50% RB mid	819.0	22.93	22.09	20.83
	100% RB	819.0	22.77	21.70	20.94

Note: Expanded measurement uncertainty is U = 0.49dB, 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	23.64	23.08	22.06
		836.5	23.69	23.34	21.83
		824.7	23.72	23.19	21.86
	1 RB low	848.3	23.80	23.06	22.08
		836.5	23.72	23.11	22.32
		824.7	23.74	23.29	22.21
	50% RB mid	848.3	22.91	21.96	20.86
		836.5	22.80	22.03	21.09
		824.7	22.96	22.05	21.11
	100% RB	848.3	22.81	21.92	20.83
		836.5	22.73	21.91	21.05
		824.7	23.00	21.94	20.93
3MHz	1 RB high	847.5	23.71	23.27	22.29
		836.5	23.72	23.27	21.75
		825.5	23.99	23.23	21.90
	1 RB low	847.5	23.56	22.97	21.97
		836.5	23.71	23.19	22.11
		825.5	23.67	23.24	22.25
	50% RB mid	847.5	22.73	22.01	20.95
		836.5	22.99	22.03	20.96
		825.5	23.17	21.94	21.08
	100% RB	847.5	22.71	21.70	20.95
		836.5	22.97	21.81	20.93
		825.5	22.84	22.12	21.10
5MHz	1 RB high	846.5	23.66	23.25	22.10
		836.5	23.66	23.42	21.97
		826.5	23.67	22.97	22.03
	1 RB low	846.5	23.50	23.01	22.15
		836.5	23.94	23.41	22.08
		826.5	23.66	23.29	22.46
	50% RB mid	846.5	22.97	21.97	20.97
		836.5	22.85	21.97	20.97
		826.5	22.91	21.87	20.89
	100% RB	846.5	22.84	21.87	20.82
		836.5	22.79	21.81	20.76
		826.5	22.96	22.07	21.04
10MHz	1 RB high	844.0	23.66	23.18	22.24



Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)			
			QPSK	16QAM	64QAM	
15MHz		836.5	23.97	23.40	21.78	
		829.0	23.98	23.27	21.89	
		844.0	23.56	22.98	22.18	
	1 RB low	836.5	23.60	23.33	22.19	
		829.0	23.82	23.13	22.11	
		844.0	22.98	22.00	20.77	
	50% RB mid	836.5	22.91	22.05	20.78	
		829.0	23.00	22.00	21.22	
		844.0	22.71	21.73	21.05	
	100% RB	836.5	22.98	22.04	20.92	
		829.0	23.08	21.94	20.96	
		841.5	23.80	23.23	22.11	
	15MHz	1 RB high	836.5	23.79	23.22	21.84
			831.5	23.82	23.11	22.01
			841.5	23.65	23.00	22.09
1 RB low		836.5	23.75	23.23	22.24	
		831.5	23.75	23.16	22.26	
		841.5	22.83	21.89	20.84	
50% RB mid		836.5	22.87	21.87	20.91	
		831.5	22.98	21.97	21.02	
		841.5	22.81	21.84	20.87	
100% RB		836.5	22.84	21.87	20.91	
		831.5	22.94	21.97	20.98	

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



LTE Band 38

Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
5MHz	1 RB high	2617.5	23.80	22.73	22.04
		2595.0	23.84	22.62	21.83
		2572.5	23.60	22.91	21.68
	1 RB low	2617.5	23.90	22.72	21.67
		2595.0	23.96	22.86	21.92
		2572.5	23.71	23.15	21.63
	50% RB mid	2617.5	23.04	21.97	20.78
		2595.0	22.80	21.73	20.99
		2572.5	22.92	21.73	20.69
	100% RB	2617.5	22.72	21.68	20.95
		2595.0	22.76	21.73	20.96
		2572.5	22.70	21.82	20.66
10MHz	1 RB high	2615.0	23.57	22.87	21.78
		2595.0	23.82	22.69	21.83
		2575.0	23.67	22.74	21.55
	1 RB low	2615.0	23.95	23.00	21.62
		2595.0	23.82	23.04	21.71
		2575.0	23.88	22.85	21.61
	50% RB mid	2615.0	22.70	22.06	21.04
		2595.0	22.79	21.97	20.71
		2575.0	22.77	21.75	20.72
	100% RB	2615.0	22.87	21.71	21.09
		2595.0	22.85	21.88	20.76
		2575.0	22.82	21.70	20.81
15MHz	1 RB high	2612.5	23.54	23.05	21.76
		2595.0	23.75	22.69	21.82
		2577.5	23.56	22.71	21.75
	1 RB low	2612.5	23.90	22.69	21.81
		2595.0	23.89	22.79	21.85
		2577.5	23.64	23.17	21.56
	50% RB mid	2612.5	22.97	21.87	20.94
		2595.0	22.70	21.95	21.03
		2577.5	22.94	21.93	20.87
	100% RB	2612.5	22.85	21.69	20.98
		2595.0	22.65	21.88	20.88
		2577.5	22.95	21.99	20.83



Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
20MHz	1 RB high	2610.0	23.66	22.86	21.91
		2595.0	23.72	22.77	21.90
		2580.0	23.68	22.74	21.68
	1 RB low	2610.0	23.80	22.80	21.75
		2595.0	23.76	22.92	21.83
		2580.0	23.69	22.98	21.64
	50% RB mid	2610.0	22.85	21.87	20.94
		2595.0	22.78	21.77	20.87
		2580.0	22.81	21.84	20.84
	100% RB	2610.0	22.81	21.82	20.90
		2595.0	22.75	21.74	20.82
		2580.0	22.77	21.84	20.81

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



LTE Band 41

Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
5MHz	1 RB high	2687.5	25.52	25.08	23.70
		2593.0	25.48	24.93	23.71
		2498.5	25.38	24.86	23.76
	1 RB low	2687.5	25.14	24.71	23.53
		2593.0	24.95	24.37	23.32
		2498.5	25.50	24.95	23.87
	50% RB mid	2687.5	25.44	24.93	23.87
		2593.0	25.43	25.00	23.82
		2498.5	25.17	24.68	23.53
	100% RB	2687.5	24.95	24.48	23.32
		2593.0	24.69	23.77	22.77
		2498.5	24.61	23.69	22.63
10MHz	1 RB high	2685.0	25.44	25.01	23.69
		2593.0	25.36	24.83	23.80
		2501.0	25.30	24.91	23.59
	1 RB low	2685.0	25.17	24.61	23.54
		2593.0	24.99	24.38	23.44
		2501.0	25.43	24.85	23.82
	50% RB mid	2685.0	25.37	24.84	23.81
		2593.0	25.32	24.71	23.82
		2501.0	25.10	24.45	23.46
	100% RB	2685.0	24.99	24.33	23.29
		2593.0	24.63	23.65	22.71
		2501.0	24.60	23.69	22.60
15MHz	1 RB high	2682.5	25.38	24.89	23.81
		2593.0	25.53	24.85	23.82
		2503.5	25.43	24.58	23.71
	1 RB low	2682.5	25.17	24.60	23.53
		2593.0	24.90	24.45	23.33
		2503.5	25.40	25.02	23.85
	50% RB mid	2682.5	25.38	24.88	23.70
		2593.0	25.35	24.77	23.54
		2503.5	25.12	24.41	23.53



Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)		
			QPSK	16QAM	64QAM
	100% RB	2682.5	24.95	24.20	23.20
		2593.0	24.70	23.70	22.77
		2503.5	24.67	23.60	22.61
20MHz	1 RB high	2680.0	25.31	24.77	24.78
		2593.0	25.41	24.84	24.77
		2506.0	25.23	24.92	24.41
	1 RB low	2680.0	25.25	24.69	24.51
		2593.0	25.10	24.40	24.11
		2506.0	25.44	24.83	24.62
	50% RB mid	2680.0	25.31	24.58	24.66
		2593.0	25.22	24.89	24.55
		2506.0	25.23	24.51	24.40
	100% RB	2680.0	24.95	24.65	24.38
		2593.0	24.65	23.63	23.62
		2506.0	24.56	23.56	23.56

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	24.21	23.35	22.34
		1745.0	24.01	23.10	22.24
		1710.7	24.09	23.21	22.35
	1 RB low	1779.3	24.19	23.41	22.38
		1745.0	24.06	23.16	22.21
		1710.7	24.13	23.28	22.40
	50% RB mid	1779.3	24.14	23.38	22.34
		1745.0	23.97	23.14	22.21
		1710.7	24.05	23.29	22.32
	100% RB	1779.3	23.19	22.24	21.24
		1745.0	23.02	22.07	21.07
		1710.7	23.09	22.14	21.13
3MHz	1 RB high	1778.5	24.14	23.39	22.32
		1745.0	23.98	23.16	22.17
		1711.5	23.97	23.19	22.32
	1 RB low	1778.5	24.03	23.22	22.29
		1745.0	23.95	23.08	22.06
		1711.5	23.99	23.18	22.28
	50% RB mid	1778.5	23.27	22.30	21.29
		1745.0	23.02	22.05	21.05
		1711.5	23.14	22.14	21.14
	100% RB	1778.5	23.24	22.23	21.23
		1745.0	23.00	22.01	21.00
		1711.5	23.11	22.12	21.11
5MHz	1 RB high	1777.5	24.13	23.26	22.32
		1745.0	23.93	23.04	22.04
		1712.5	23.90	23.11	22.17
	1 RB low	1777.5	23.97	23.14	22.19
		1745.0	23.94	23.09	22.13
		1712.5	23.98	23.20	22.30
	50% RB mid	1777.5	23.17	22.20	21.17
		1745.0	22.92	21.95	20.94
		1712.5	23.06	22.08	21.05
	100% RB	1777.5	23.14	22.15	21.15
		1745.0	22.91	21.93	20.93
		1712.5	23.02	22.05	21.04
10MHz	1 RB high	1775.0	24.03	23.33	22.25



Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)			
			QPSK	16QAM	64QAM	
		1745.0	23.85	22.91	22.03	
		1715.0	23.96	23.02	22.07	
		1775.0	23.96	23.18	22.15	
	1 RB low	1745.0	23.84	22.91	22.08	
		1715.0	23.99	23.09	22.18	
		1775.0	23.13	22.14	21.12	
	50% RB mid	1745.0	22.96	21.97	20.94	
		1715.0	23.05	22.07	21.04	
		1775.0	23.12	22.12	21.11	
	100% RB	1745.0	22.92	21.93	20.91	
		1715.0	23.02	22.02	21.01	
		1772.5	24.19	23.34	22.37	
	15MHz	1 RB high	1745.0	24.04	23.07	22.19
			1717.5	24.07	23.25	22.29
			1772.5	24.11	23.25	22.28
1 RB low		1745.0	23.94	23.00	22.02	
		1717.5	23.99	23.19	22.24	
		1772.5	23.32	22.37	21.37	
50% RB mid		1745.0	23.13	22.23	21.19	
		1717.5	23.18	22.25	21.27	
		1772.5	23.22	22.22	21.22	
100% RB		1745.0	23.02	22.02	21.05	
		1717.5	23.15	22.16	21.16	
		1770.0	24.29	23.42	22.38	
20MHz		1 RB high	1745.0	24.15	23.22	22.27
			1720.0	24.19	23.27	22.22
			1770.0	24.18	23.40	22.34
	1 RB low	1745.0	24.05	23.14	22.17	
		1720.0	24.12	23.15	22.21	
		1770.0	23.28	22.34	21.33	
	50% RB mid	1745.0	23.09	22.10	21.08	
		1720.0	23.20	22.24	21.20	
		1770.0	23.24	22.24	21.22	
	100% RB	1745.0	23.02	22.03	21.03	
		1720.0	23.14	22.15	21.15	



LTE CA_7C

Bandwidth	Frequency (MHz)	Frequency (MHz)	Modulation	PCC RB		SCC RB		Conducted Power (dBm)
				Size	Offset	Size	Offset	
10MHz/20M Hz	2525.6	2540.0	QPSK	1	49	1	0	23.76
			QPSK	50	0	100	0	21.73
			16QAM	1	49	1	0	22.69
			16QAM	50	0	100	0	20.72
			64QAM	1	49	1	0	21.89
			64QAM	50	0	100	0	19.78
15MHz/10M Hz	2530.1	2542.1	QPSK	1	74	1	0	23.62
			QPSK	75	0	50	0	19.72
			16QAM	1	74	1	0	22.68
			16QAM	75	0	50	0	20.73
			64QAM	1	74	1	0	21.86
			64QAM	75	0	50	0	19.92
15MHz/15M Hz	2527.5	2542.5	QPSK	1	74	1	0	23.82
			QPSK	75	0	75	0	21.29
			16QAM	1	74	1	0	22.82
			16QAM	75	0	75	0	20.33
			64QAM	1	74	1	0	22.03
			64QAM	75	0	75	0	20.13
15MHz/20M Hz	2525.3	2542.4	QPSK	1	74	1	0	23.78
			QPSK	75	0	100	0	21.84
			16QAM	1	74	1	0	22.70
			16QAM	75	0	100	0	20.83
			64QAM	1	74	1	0	19.86
			64QAM	75	0	100	0	17.98
20MHz/10M Hz	2530.1	2544.5	QPSK	1	99	1	0	23.89
			QPSK	100	0	50	0	21.88
			16QAM	1	99	1	0	22.85
			16QAM	100	0	50	0	20.87
			64QAM	1	99	1	0	22.07
			64QAM	100	0	50	0	20.15
20MHz/15M Hz	2527.6	2544.7	QPSK	1	99	1	0	23.75
			QPSK	100	0	75	0	21.84
			16QAM	1	99	1	0	22.81
			16QAM	100	0	75	0	20.85
			64QAM	1	99	1	0	22.14
			64QAM	100	0	75	0	20.06
20MHz/20M Hz	2525.1	2544.9	QPSK	1	99	1	0	23.82
			QPSK	100	0	100	0	21.29



			16QAM	1	99	1	0	22.80
			16QAM	100	0	100	0	20.29
			64QAM	1	99	1	0	21.98
			64QAM	100	0	100	0	19.15

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

LTE CA_38C

Bandwidth	Frequency (MHz)	Frequency (MHz)	Modulation	PCC RB		SCC RB		Conducted Power (dBm)
				Size	Offset	Size	Offset	
15MHz/15M Hz	2587.5	2602.5	QPSK	1	74	1	0	23.21
			QPSK	75	0	75	0	21.50
			16QAM	1	74	1	0	22.23
			16QAM	75	0	75	0	20.50
			64QAM	1	74	1	0	21.46
			64QAM	75	0	75	0	19.43
20MHz/20M Hz	2585.1	2604.9	QPSK	1	99	1	0	23.16
			QPSK	100	0	100	0	21.49
			16QAM	1	99	1	0	22.24
			16QAM	100	0	100	0	20.52
			64QAM	1	99	1	0	21.48
			64QAM	100	0	100	0	19.65

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



LTE CA_41C

Bandwidth	Frequency (MHz)	Frequency (MHz)	Modulation	PCC RB		SCC RB		Conducted Power (dBm)
				Size	Offset	Size	Offset	
5MHz/20MHz	2583.8	2602.2	QPSK	1	24	1	0	23.78
			QPSK	25	0	100	0	21.83
			16QAM	1	24	1	0	22.72
			16QAM	25	0	100	0	20.85
			64QAM	1	24	1	0	21.89
			64QAM	25	0	100	0	19.93
10MHz/15MHz	2585.9	2600.1	QPSK	1	49	1	0	23.70
			QPSK	50	0	75	0	21.85
			16QAM	1	49	1	0	22.79
			16QAM	50	0	75	0	20.84
			64QAM	1	49	1	0	21.86
			64QAM	50	0	75	0	19.94
10MHz/20MHz	2583.6	2602.5	QPSK	1	49	1	0	23.82
			QPSK	50	0	100	0	21.85
			16QAM	1	49	1	0	22.75
			16QAM	50	0	100	0	20.87
			64QAM	1	49	1	0	21.95
			64QAM	50	0	100	0	19.86
15MHz/10MHz	2588.1	2597.9	QPSK	1	74	1	0	23.83
			QPSK	75	0	50	0	21.83
			16QAM	1	74	1	0	22.80
			16QAM	75	0	50	0	20.84
			64QAM	1	74	1	0	22.05
			64QAM	75	0	50	0	20.15
15MHz/15MHz	2585.5	2600.5	QPSK	1	74	1	0	23.65
			QPSK	75	0	75	0	21.82
			16QAM	1	74	1	0	22.90
			16QAM	75	0	75	0	20.88
			64QAM	1	74	1	0	22.15
			64QAM	75	0	75	0	20.31
15MHz/20MHz	2583.3	2602.7	QPSK	1	74	1	0	23.69
			QPSK	75	0	100	0	21.84
			16QAM	1	74	1	0	22.75
			16QAM	75	0	100	0	20.89
			64QAM	1	74	1	0	21.98
			64QAM	75	0	100	0	20.14
20MHz/5MHz	2590.5	2602.2	QPSK	1	99	1	0	23.90
			QPSK	100	0	25	0	21.87



			16QAM	1	99	1	0	22.85
			16QAM	100	0	25	0	20.89
			64QAM	1	99	1	0	22.14
			64QAM	100	0	25	0	20.09
20MHz/10MHz	2588.1	2602.5	QPSK	1	99	1	0	23.94
			QPSK	100	0	50	0	21.85
			16QAM	1	99	1	0	22.89
			16QAM	100	0	50	0	20.89
			64QAM	1	99	1	0	22.09
			64QAM	100	0	50	0	20.15
20MHz/15MHz	2585.6	2602.7	QPSK	1	99	1	0	23.72
			QPSK	100	0	75	0	21.87
			16QAM	1	99	1	0	22.83
			16QAM	100	0	75	0	20.89
			64QAM	1	99	1	0	22.13
			64QAM	100	0	75	0	20.26
20MHz/20MHz	2583.1	2602.9	QPSK	1	99	1	0	23.72
			QPSK	100	0	100	0	21.85
			16QAM	1	99	1	0	22.95
			16QAM	100	0	100	0	20.87
			64QAM	1	99	1	0	22.15
			64QAM	100	0	100	0	20.31

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

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".

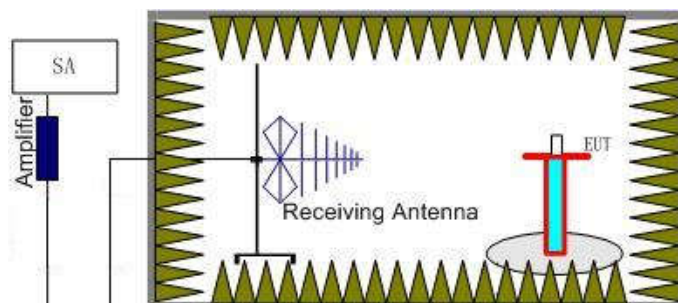
Rule Part 27.50(a)(3) specifies "For mobile and portable stations transmitting in the 2305–2315 MHz band or the 2350–2360 MHz band, the average EIRP must not exceed 50 milliwatts within any 1 megahertz of authorized bandwidth, except that for mobile and portable stations compliant with 3GPP LTE standards 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."

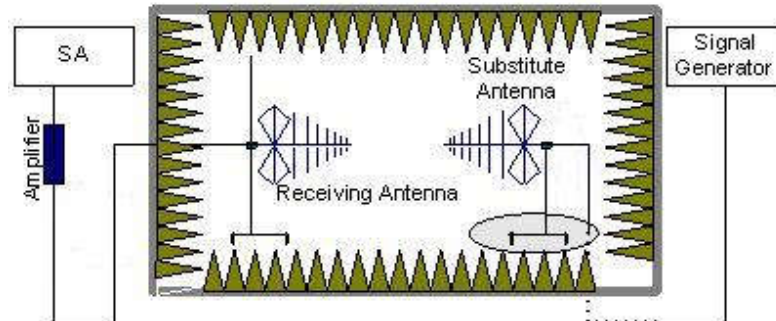
A.1.3.2 Method of Measurement

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 (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. 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:
 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, $ERP = EIRP - 2.15dB$.

**A.1.3.3 Measurement result****Upper 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 _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1850.70	-15.82	-29.30	8.10	21.58	33.00	H
1880.00	-15.61	-29.40	8.10	21.89	33.00	H
1909.30	-16.11	-29.30	8.10	21.29	33.00	H

LTE Band 2_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1851.50	-16.03	-29.30	8.10	21.37	33.00	H
1880.00	-15.78	-29.40	8.10	21.72	33.00	H
1908.50	-16.36	-29.30	8.10	21.04	33.00	H

LTE Band 2_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1852.50	-16.17	-29.30	8.10	21.23	33.00	H
1880.00	-15.90	-29.40	8.10	21.59	33.00	H
1907.50	-16.52	-29.30	8.10	20.88	33.00	H

LTE Band 2_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1855.00	-16.05	-29.30	8.10	21.35	33.00	H
1880.00	-15.87	-29.40	8.10	21.63	33.00	H
1905.00	-16.32	-29.30	8.10	21.08	33.00	H

LTE Band 2_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1857.50	-16.06	-29.30	8.10	21.34	33.00	H
1880.00	-15.92	-29.40	8.10	21.58	33.00	H
1902.50	-16.50	-29.30	8.10	20.90	33.00	H

LTE Band 2_20MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1860.00	-16.12	-29.30	8.10	21.28	33.00	H
1880.00	-16.02	-29.40	8.10	21.48	33.00	H
1900.00	-16.47	-29.30	8.10	20.93	33.00	H

**LTE Band 2_1.4MHz_16QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1850.70	-16.94	-29.30	8.10	20.46	33.00	H
1880.00	-16.70	-29.40	8.10	20.80	33.00	H
1909.30	-17.37	-29.30	8.10	20.04	33.00	H

LTE Band 2_3MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1851.50	-17.02	-29.30	8.10	20.38	33.00	H
1880.00	-16.91	-29.40	8.10	20.59	33.00	H
1908.50	-17.54	-29.30	8.10	19.86	33.00	H

LTE Band 2_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1852.50	-17.32	-29.30	8.10	20.08	33.00	H
1880.00	-17.08	-29.40	8.10	20.42	33.00	H
1907.50	-17.81	-29.30	8.10	19.59	33.00	H

LTE Band 2_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1855.00	-17.19	-29.30	8.10	20.21	33.00	H
1880.00	-17.00	-29.40	8.10	20.50	33.00	H
1905.00	-17.46	-29.30	8.10	19.94	33.00	H

LTE Band 2_15MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1857.50	-17.27	-29.30	8.10	20.13	33.00	H
1880.00	-17.13	-29.40	8.10	20.37	33.00	H
1902.50	-17.71	-29.30	8.10	19.69	33.00	H

LTE Band 2_20MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1860.00	-17.31	-29.30	8.10	20.09	33.00	H
1880.00	-17.27	-29.40	8.10	20.23	33.00	H
1900.00	-17.66	-29.30	8.10	19.74	33.00	H

**LTE Band 2_1.4MHz_64QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1850.70	-18.16	-29.30	8.10	19.24	33.00	H
1880.00	-17.80	-29.40	8.10	19.70	33.00	H
1909.30	-18.39	-29.30	8.10	19.01	33.00	H

LTE Band 2_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1851.50	-18.40	-29.30	8.10	19.00	33.00	H
1880.00	-18.29	-29.40	8.10	19.21	33.00	H
1908.50	-18.72	-29.30	8.10	18.68	33.00	H

LTE Band 2_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1852.50	-18.64	-29.30	8.10	18.76	33.00	H
1880.00	-18.41	-29.40	8.10	19.09	33.00	H
1907.50	-19.14	-29.30	8.10	18.26	33.00	H

LTE Band 2_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1855.00	-18.56	-29.30	8.10	18.84	33.00	H
1880.00	-18.38	-29.40	8.10	19.12	33.00	H
1905.00	-18.93	-29.30	8.10	18.47	33.00	H

LTE Band 2_15MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1857.50	-18.57	-29.30	8.10	18.83	33.00	H
1880.00	-18.43	-29.40	8.10	19.07	33.00	H
1902.50	-19.20	-29.30	8.10	18.20	33.00	H

LTE Band 2_20MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (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	-18.62	-29.40	8.10	18.88	33.00	H
1900.00	-19.20	-29.30	8.10	18.20	33.00	H

**LTE Band 4- EIRP Part 27.50(d)(4)**Limits: $\leq 30\text{dBm}$ (1W)**LTE Band 4_1.4MHz_QPSK**

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-16.19	-29.60	8.10	21.51	30.00	H
1732.50	-16.34	-29.60	8.10	21.36	30.00	H
1754.30	-15.50	-29.50	8.10	22.10	30.00	H

LTE Band 4_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-16.40	-29.60	8.10	21.30	30.00	H
1732.50	-16.52	-29.60	8.10	21.18	30.00	H
1753.50	-15.75	-29.50	8.10	21.85	30.00	H

LTE Band 4_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-16.54	-29.60	8.10	21.16	30.00	H
1732.50	-16.64	-29.60	8.10	21.06	30.00	H
1752.50	-15.91	-29.50	8.10	21.69	30.00	H

LTE Band 4_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-16.62	-29.60	8.10	21.08	30.00	H
1732.50	-16.80	-29.60	8.10	20.90	30.00	H
1750.00	-16.01	-29.50	8.10	21.59	30.00	H

LTE Band 4_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-16.73	-29.60	8.10	20.97	30.00	H
1732.50	-16.95	-29.60	8.10	20.75	30.00	H
1747.50	-16.09	-29.50	8.10	21.51	30.00	H

LTE Band 4_20MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-16.89	-29.60	8.10	20.81	30.00	H
1732.50	-17.05	-29.60	8.10	20.65	30.00	H
1745.00	-16.25	-29.50	8.10	21.35	30.00	H

**LTE Band 4_1.4MHz_16QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-17.31	-29.60	8.10	20.39	30.00	H
1732.50	-17.43	-29.60	8.10	20.27	30.00	H
1754.30	-16.75	-29.50	8.10	20.85	30.00	H

LTE Band 4_3MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-17.39	-29.60	8.10	20.31	30.00	H
1732.50	-17.64	-29.60	8.10	20.06	30.00	H
1753.50	-16.93	-29.50	8.10	20.67	30.00	H

LTE Band 4_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-17.69	-29.60	8.10	20.01	30.00	H
1732.50	-17.81	-29.60	8.10	19.89	30.00	H
1752.50	-17.20	-29.50	8.10	20.40	30.00	H

LTE Band 4_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-17.76	-29.60	8.10	19.94	30.00	H
1732.50	-17.93	-29.60	8.10	19.77	30.00	H
1750.00	-17.15	-29.50	8.10	20.45	30.00	H

LTE Band 4_15MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-17.94	-29.60	8.10	19.76	30.00	H
1732.50	-18.17	-29.60	8.10	19.53	30.00	H
1747.50	-17.30	-29.50	8.10	20.30	30.00	H

LTE Band 4_20MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (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
1732.50	-18.31	-29.60	8.10	19.39	30.00	H
1745.00	-17.45	-29.50	8.10	20.15	30.00	H

**LTE Band 4_1.4MHz_64QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-18.53	-29.60	8.10	19.17	30.00	H
1732.50	-18.53	-29.60	8.10	19.17	30.00	H
1754.30	-17.77	-29.50	8.10	19.82	30.00	H

LTE Band 4_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-18.77	-29.60	8.10	18.93	30.00	H
1732.50	-19.02	-29.60	8.10	18.68	30.00	H
1753.50	-18.10	-29.50	8.10	19.50	30.00	H

LTE Band 4_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-19.02	-29.60	8.10	18.68	30.00	H
1732.50	-19.14	-29.60	8.10	18.56	30.00	H
1752.50	-18.52	-29.50	8.10	19.07	30.00	H

LTE Band 4_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-19.14	-29.60	8.10	18.56	30.00	H
1732.50	-19.31	-29.60	8.10	18.39	30.00	H
1750.00	-18.62	-29.50	8.10	18.98	30.00	H

LTE Band 4_15MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-19.24	-29.60	8.10	18.46	30.00	H
1732.50	-19.46	-29.60	8.10	18.24	30.00	H
1747.50	-18.79	-29.50	8.10	18.81	30.00	H

LTE Band 4_20MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-19.43	-29.60	8.10	18.27	30.00	H
1732.50	-19.65	-29.60	8.10	18.05	30.00	H
1745.00	-18.99	-29.50	8.10	18.61	30.00	H

**LTE Band 5- ERP Part 22.913(a)**Limits: $\leq 38.45\text{dBm}$ (7W)**LTE Band 5_1.4MHz_QPSK**

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-10.17	-33.60	-0.79	2.15	20.49	38.45	V
836.50	-9.79	-33.50	-0.74	2.15	20.82	38.45	V
848.30	-9.62	-33.50	-0.73	2.15	21.00	38.45	V

LTE Band 5_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-10.29	-33.60	-0.84	2.15	20.32	38.45	V
836.50	-9.97	-33.50	-0.74	2.15	20.64	38.45	V
847.50	-9.83	-33.50	-0.73	2.15	20.79	38.45	V

LTE Band 5_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-10.37	-33.60	-0.84	2.15	20.24	38.45	V
836.50	-10.08	-33.50	-0.74	2.15	20.53	38.45	V
846.50	-9.93	-33.50	-0.73	2.15	20.68	38.45	V

LTE Band 5_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-10.45	-33.60	-0.84	2.15	20.16	38.45	V
836.50	-10.15	-33.50	-0.74	2.15	20.46	38.45	V
844.00	-9.98	-33.50	-0.78	2.15	20.58	38.45	V

**LTE Band 5_1.4MHz_16QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-11.19	-33.60	-0.79	2.15	19.47	38.45	V
836.50	-10.80	-33.50	-0.74	2.15	19.81	38.45	V
848.30	-10.78	-33.50	-0.73	2.15	19.84	38.45	V

LTE Band 5_3MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-11.28	-33.60	-0.84	2.15	19.33	38.45	V
836.50	-10.99	-33.50	-0.74	2.15	19.62	38.45	V
847.50	-10.91	-33.50	-0.73	2.15	19.71	38.45	V

LTE Band 5_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-11.42	-33.60	-0.84	2.15	19.19	38.45	V
836.50	-11.15	-33.50	-0.74	2.15	19.46	38.45	V
846.50	-10.94	-33.50	-0.73	2.15	19.68	38.45	V

LTE Band 5_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-11.49	-33.60	-0.84	2.15	19.12	38.45	V
836.50	-11.18	-33.50	-0.74	2.15	19.43	38.45	V
844.00	-11.02	-33.50	-0.78	2.15	19.55	38.45	V

**LTE Band 5_1.4MHz_64QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-12.20	-33.60	-0.79	2.15	18.45	38.45	V
836.50	-11.90	-33.50	-0.74	2.15	18.71	38.45	V
848.30	-11.80	-33.50	-0.73	2.15	18.82	38.45	V

LTE Band 5_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-12.26	-33.60	-0.84	2.15	18.35	38.45	V
836.50	-12.00	-33.50	-0.74	2.15	18.61	38.45	V
847.50	-11.79	-33.50	-0.73	2.15	18.83	38.45	V

LTE Band 5_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-12.44	-33.60	-0.84	2.15	18.17	38.45	V
836.50	-12.18	-33.50	-0.74	2.15	18.43	38.45	V
846.50	-11.87	-33.50	-0.73	2.15	18.75	38.45	V

LTE Band 5_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-12.56	-33.60	-0.84	2.15	18.05	38.45	V
836.50	-12.26	-33.50	-0.74	2.15	18.35	38.45	V
844.00	-12.09	-33.50	-0.78	2.15	18.47	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 _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2502.50	-18.05	-28.70	10.70	21.35	33.00	H
2535.00	-17.26	-28.60	10.70	22.04	33.00	H
2567.50	-17.19	-28.60	10.70	22.11	33.00	H

LTE Band 7_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2505.00	-18.36	-28.70	10.70	21.04	33.00	H
2535.00	-17.48	-28.60	10.70	21.82	33.00	H
2565.00	-17.49	-28.60	10.70	21.81	33.00	H

LTE Band 7_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	-18.44	-28.70	10.70	20.96	33.00	H
2535.00	-17.67	-28.60	10.70	21.63	33.00	H
2562.50	-17.51	-28.60	10.70	21.79	33.00	H

LTE Band 7_20MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	-18.74	-28.70	10.70	20.66	33.00	H
2535.00	-17.82	-28.60	10.70	21.48	33.00	H
2560.00	-17.85	-28.60	10.70	21.45	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	-19.12	-28.70	10.70	20.28	33.00	H
2535.00	-18.40	-28.60	10.70	20.90	33.00	H
2567.50	-18.10	-28.60	10.70	21.20	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	-19.53	-28.70	10.70	19.87	33.00	H
2535.00	-18.71	-28.60	10.70	20.59	33.00	H
2565.00	-18.77	-28.60	10.70	20.53	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	-19.18	-28.70	10.70	20.22	33.00	H
2535.00	-18.56	-28.60	10.70	20.74	33.00	H
2562.50	-18.49	-28.60	10.70	20.81	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	-19.71	-28.70	10.70	19.69	33.00	H
2535.00	-18.87	-28.60	10.70	20.43	33.00	H
2560.00	-18.82	-28.60	10.70	20.48	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	-20.02	-28.70	10.70	19.38	33.00	H
2535.00	-19.31	-28.60	10.70	19.99	33.00	H
2567.50	-19.06	-28.60	10.70	20.24	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	-20.40	-28.70	10.70	19.00	33.00	H
2535.00	-19.62	-28.60	10.70	19.68	33.00	H
2565.00	-19.56	-28.60	10.70	19.74	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	-20.28	-28.70	10.70	19.12	33.00	H
2535.00	-19.53	-28.60	10.70	19.77	33.00	H
2562.50	-19.44	-28.60	10.70	19.86	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	-19.57	-28.60	10.70	19.73	33.00	H
2560.00	-19.63	-28.60	10.70	19.67	33.00	H

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

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
699.70	-11.83	-34.80	-0.93	2.15	19.89	34.77	V
707.50	-11.28	-34.70	-0.91	2.15	20.37	34.77	V
715.30	-11.23	-34.70	-0.68	2.15	20.63	34.77	V

LTE Band 12_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
700.50	-11.97	-34.80	-0.97	2.15	19.71	34.77	V
707.50	-11.45	-34.70	-0.91	2.15	20.19	34.77	V
714.50	-11.48	-34.70	-0.64	2.15	20.43	34.77	V

LTE Band 12_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
701.50	-12.05	-34.80	-0.97	2.15	19.64	34.77	V
707.50	-11.57	-34.70	-0.91	2.15	20.08	34.77	V
713.50	-11.58	-34.70	-0.64	2.15	20.32	34.77	V

LTE Band 12_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
704.00	-12.13	-34.80	-0.97	2.15	19.55	34.77	V
707.50	-11.64	-34.70	-0.91	2.15	20.01	34.77	V
711.00	-11.68	-34.70	-0.64	2.15	20.22	34.77	V

**LTE Band 12_1.4MHz_16QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
699.70	-12.85	-34.80	-0.93	2.15	18.87	34.77	V
707.50	-12.29	-34.70	-0.91	2.15	19.35	34.77	V
715.30	-12.39	-34.70	-0.68	2.15	19.48	34.77	V

LTE Band 12_3MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
700.50	-12.96	-34.80	-0.97	2.15	18.73	34.77	V
707.50	-12.48	-34.70	-0.91	2.15	19.16	34.77	V
714.50	-12.56	-34.70	-0.64	2.15	19.35	34.77	V

LTE Band 12_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
701.50	-13.09	-34.80	-0.97	2.15	18.59	34.77	V
707.50	-12.64	-34.70	-0.91	2.15	19.00	34.77	V
713.50	-12.59	-34.70	-0.64	2.15	19.32	34.77	V

LTE Band 12_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
704.00	-13.16	-34.80	-0.97	2.15	18.52	34.77	V
707.50	-12.67	-34.70	-0.91	2.15	18.97	34.77	V
711.00	-12.72	-34.70	-0.64	2.15	19.19	34.77	V

**LTE Band 12_1.4MHz_64QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _o (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
699.70	-13.87	-34.80	-0.93	2.15	17.85	34.77	V
707.50	-13.39	-34.70	-0.91	2.15	18.25	34.77	V
715.30	-13.41	-34.70	-0.68	2.15	18.46	34.77	V

LTE Band 12_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _o (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
700.50	-13.93	-34.80	-0.97	2.15	17.75	34.77	V
707.50	-13.49	-34.70	-0.91	2.15	18.16	34.77	V
714.50	-13.44	-34.70	-0.64	2.15	18.47	34.77	V

LTE Band 12_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _o (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
701.50	-14.12	-34.80	-0.97	2.15	17.56	34.77	V
707.50	-13.67	-34.70	-0.91	2.15	17.98	34.77	V
713.50	-13.52	-34.70	-0.64	2.15	18.39	34.77	V

LTE Band 12_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _o (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
704.00	-14.24	-34.80	-0.97	2.15	17.44	34.77	V
707.50	-13.75	-34.70	-0.91	2.15	17.90	34.77	V
711.00	-13.79	-34.70	-0.64	2.15	18.11	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 _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
779.50	-11.62	-34.00	-0.08	2.15	20.14	34.77	V
782.00	-11.38	-34.00	-0.13	2.15	20.34	34.77	V
784.50	-11.51	-34.00	-0.13	2.15	20.21	34.77	V

LTE Band 13_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
782.00	-11.79	-34.00	-0.13	2.15	19.93	34.77	V

LTE Band 13_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
779.50	-12.71	-34.00	-0.08	2.15	19.05	34.77	V
782.00	-12.57	-34.00	-0.13	2.15	19.15	34.77	V
784.50	-12.65	-34.00	-0.13	2.15	19.07	34.77	V

LTE Band 13_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
782.00	-12.66	-34.00	-0.13	2.15	19.06	34.77	V

LTE Band 13_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
779.50	-13.58	-34.00	-0.08	2.15	18.18	34.77	V
782.00	-13.44	-34.00	-0.13	2.15	18.28	34.77	V
784.50	-13.52	-34.00	-0.13	2.15	18.20	34.77	V

LTE Band 13_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
782.00	-13.55	-34.00	-0.13	2.15	18.17	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 _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
706.50	-11.49	-34.70	-0.91	2.15	20.15	34.77	V
710.00	-11.26	-34.70	-0.64	2.15	20.64	34.77	V
713.50	-10.74	-34.70	-0.64	2.15	21.16	34.77	V

LTE Band 17_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
709.00	-11.67	-34.70	-0.91	2.15	19.98	34.77	V
710.00	-11.44	-34.70	-0.64	2.15	20.47	34.77	V
711.00	-10.95	-34.70	-0.64	2.15	20.96	34.77	V

LTE Band 17_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
706.50	-12.51	-34.70	-0.91	2.15	19.13	34.77	V
710.00	-12.27	-34.70	-0.64	2.15	19.63	34.77	V
713.50	-11.89	-34.70	-0.64	2.15	20.01	34.77	V

LTE Band 17_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
709.00	-12.66	-34.70	-0.91	2.15	18.99	34.77	V
710.00	-12.46	-34.70	-0.64	2.15	19.44	34.77	V
711.00	-12.03	-34.70	-0.64	2.15	19.88	34.77	V

LTE Band 17_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
706.50	-13.53	-34.70	-0.91	2.15	18.11	34.77	V
710.00	-13.37	-34.70	-0.64	2.15	18.53	34.77	V
713.50	-12.92	-34.70	-0.64	2.15	18.99	34.77	V

LTE Band 17_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
709.00	-13.63	-34.70	-0.91	2.15	18.01	34.77	V
710.00	-13.47	-34.70	-0.64	2.15	18.43	34.77	V
711.00	-12.90	-34.70	-0.64	2.15	19.00	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 _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-9.91	-33.60	-0.79	2.15	20.75	38.45	H
836.50	-9.09	-33.50	-0.74	2.15	21.52	38.45	H
848.30	-9.72	-33.50	-0.73	2.15	20.90	38.45	H

LTE Band 26(824MHz-849MHz)_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-10.09	-33.60	-0.79	2.15	20.57	38.45	H
836.50	-9.27	-33.50	-0.74	2.15	21.34	38.45	H
847.50	-9.93	-33.50	-0.73	2.15	20.69	38.45	H

LTE Band 26(824MHz-849MHz)_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-10.16	-33.60	-0.79	2.15	20.49	38.45	H
836.50	-9.38	-33.50	-0.74	2.15	21.23	38.45	H
846.50	-10.03	-33.50	-0.73	2.15	20.59	38.45	H

LTE Band 26(824MHz-849MHz)_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-10.25	-33.60	-0.79	2.15	20.41	38.45	H
836.50	-9.45	-33.50	-0.74	2.15	21.16	38.45	H
844.00	-10.13	-33.50	-0.73	2.15	20.49	38.45	H

LTE Band 26(824MHz-849MHz)_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
831.50	-10.35	-33.60	-0.79	2.15	20.31	38.45	H
836.50	-9.53	-33.50	-0.74	2.15	21.09	38.45	H
841.50	-10.20	-33.50	-0.73	2.15	20.41	38.45	H

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

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-10.93	-33.60	-0.79	2.15	19.73	38.45	H
836.50	-10.11	-33.50	-0.74	2.15	20.51	38.45	H
848.30	-10.87	-33.50	-0.73	2.15	19.75	38.45	H

LTE Band 26(824MHz-849MHz)_3MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-11.07	-33.60	-0.79	2.15	19.58	38.45	H
836.50	-10.30	-33.50	-0.74	2.15	20.32	38.45	H
847.50	-11.00	-33.50	-0.73	2.15	19.61	38.45	H

LTE Band 26(824MHz-849MHz)_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-11.21	-33.60	-0.79	2.15	19.45	38.45	H
836.50	-10.46	-33.50	-0.74	2.15	20.16	38.45	H
846.50	-11.03	-33.50	-0.73	2.15	19.58	38.45	H

LTE Band 26(824MHz-849MHz)_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-11.28	-33.60	-0.79	2.15	19.38	38.45	H
836.50	-10.49	-33.50	-0.74	2.15	20.13	38.45	H
844.00	-11.16	-33.50	-0.73	2.15	19.45	38.45	H

LTE Band 26(824MHz-849MHz)_15MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
831.50	-11.46	-33.60	-0.79	2.15	19.19	38.45	H
836.50	-10.64	-33.50	-0.74	2.15	19.97	38.45	H
841.50	-11.32	-33.50	-0.73	2.15	19.30	38.45	H



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

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-11.95	-33.60	-0.79	2.15	18.71	38.45	H
836.50	-11.21	-33.50	-0.74	2.15	19.41	38.45	H
848.30	-11.89	-33.50	-0.73	2.15	18.73	38.45	H

LTE Band 26(824MHz-849MHz)_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-12.05	-33.60	-0.79	2.15	18.61	38.45	H
836.50	-11.30	-33.50	-0.74	2.15	19.31	38.45	H
847.50	-11.88	-33.50	-0.73	2.15	18.74	38.45	H

LTE Band 26(824MHz-849MHz)_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-12.24	-33.60	-0.79	2.15	18.42	38.45	H
836.50	-11.48	-33.50	-0.74	2.15	19.13	38.45	H
846.50	-11.96	-33.50	-0.73	2.15	18.66	38.45	H

LTE Band 26(824MHz-849MHz)_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-12.36	-33.60	-0.79	2.15	18.30	38.45	H
836.50	-11.56	-33.50	-0.74	2.15	19.05	38.45	H
844.00	-12.24	-33.50	-0.73	2.15	18.38	38.45	H

LTE Band 26(824MHz-849MHz)_15MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
831.50	-12.47	-33.60	-0.79	2.15	18.19	38.45	H
836.50	-11.64	-33.50	-0.74	2.15	18.97	38.45	H
841.50	-12.32	-33.50	-0.73	2.15	18.30	38.45	H

**LTE Band 26(814MHz-824MHz)- ERP Part 90.635(b)**Limits: $\leq 50.00\text{dBm}$ (100W)**LTE Band 26(814MHz-824MHz)_1.4MHz_QPSK**

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
814.70	-10.60	-33.70	-0.80	2.15	20.15	50.00	H
819.00	-10.36	-33.60	-0.75	2.15	20.35	50.00	H
823.30	-9.93	-33.60	-0.79	2.15	20.73	50.00	H

LTE Band 26(814MHz-824MHz)_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
815.50	-10.78	-33.70	-0.80	2.15	19.97	50.00	H
819.00	-10.53	-33.60	-0.75	2.15	20.17	50.00	H
822.50	-10.14	-33.60	-0.79	2.15	20.52	50.00	H

LTE Band 26(814MHz-824MHz)_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
816.50	-10.85	-33.70	-0.80	2.15	19.90	50.00	H
819.00	-10.65	-33.60	-0.75	2.15	20.06	50.00	H
821.50	-10.24	-33.60	-0.79	2.15	20.42	50.00	H

LTE Band 26(814MHz-824MHz)_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
819.00	-10.84	-33.60	-0.80	2.15	19.81	50.00	H
819.00	-10.72	-33.60	-0.75	2.15	19.99	50.00	H
819.00	-10.34	-33.60	-0.79	2.15	20.32	50.00	H

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

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
814.70	-11.62	-33.70	-0.80	2.15	19.13	50.00	H
819.00	-11.37	-33.60	-0.75	2.15	19.33	50.00	H
823.30	-11.08	-33.60	-0.79	2.15	19.58	50.00	H

LTE Band 26(814MHz-824MHz)_3MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
815.50	-11.76	-33.70	-0.80	2.15	18.99	50.00	H
819.00	-11.56	-33.60	-0.75	2.15	19.14	50.00	H
822.50	-11.21	-33.60	-0.79	2.15	19.44	50.00	H

LTE Band 26(814MHz-824MHz)_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
816.50	-11.90	-33.70	-0.80	2.15	18.85	50.00	H
819.00	-11.72	-33.60	-0.75	2.15	18.98	50.00	H
821.50	-11.24	-33.60	-0.79	2.15	19.41	50.00	H

LTE Band 26(814MHz-824MHz)_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (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	-11.75	-33.60	-0.75	2.15	18.95	50.00	H
819.00	-11.37	-33.60	-0.79	2.15	19.28	50.00	H



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

Frequency(MHz)	P _{Mea} (dBm)	P _o (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
814.70	-12.64	-33.70	-0.80	2.15	18.11	50.00	H
819.00	-12.47	-33.60	-0.75	2.15	18.23	50.00	H
823.30	-12.10	-33.60	-0.79	2.15	18.55	50.00	H

LTE Band 26(814MHz-824MHz)_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _o (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
815.50	-12.74	-33.70	-0.80	2.15	18.01	50.00	H
819.00	-12.57	-33.60	-0.75	2.15	18.14	50.00	H
822.50	-12.09	-33.60	-0.79	2.15	18.57	50.00	H

LTE Band 26(814MHz-824MHz)_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _o (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
816.50	-12.93	-33.70	-0.80	2.15	17.82	50.00	H
819.00	-12.75	-33.60	-0.75	2.15	17.96	50.00	H
821.50	-12.17	-33.60	-0.79	2.15	18.48	50.00	H

LTE Band 26(814MHz-824MHz)_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _o (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
819.00	-12.95	-33.60	-0.80	2.15	17.70	50.00	H
819.00	-12.83	-33.60	-0.75	2.15	17.88	50.00	H
819.00	-12.45	-33.60	-0.79	2.15	18.21	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 _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2572.50	-17.48	-28.60	10.70	21.82	33.00	H
2595.00	-17.25	-28.60	10.70	22.05	33.00	H
2617.50	-17.27	-28.60	10.70	22.03	33.00	H

LTE Band 38_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2575.00	-17.80	-28.60	10.70	21.50	33.00	H
2595.00	-17.53	-28.60	10.70	21.77	33.00	H
2615.00	-17.58	-28.60	10.70	21.72	33.00	H

LTE Band 38_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (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	-17.70	-28.60	10.70	21.60	33.00	H
2612.50	-17.76	-28.60	10.70	21.54	33.00	H

LTE Band 38_20MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2580.00	-18.17	-28.60	10.70	21.13	33.00	H
2595.00	-17.91	-28.60	10.70	21.39	33.00	H
2610.00	-18.03	-28.60	10.70	21.27	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	-18.55	-28.60	10.70	20.75	33.00	H
2595.00	-18.39	-28.60	10.70	20.91	33.00	H
2617.50	-18.18	-28.60	10.70	21.12	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	-18.97	-28.60	10.70	20.33	33.00	H
2595.00	-18.76	-28.60	10.70	20.54	33.00	H
2615.00	-18.86	-28.60	10.70	20.44	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	-18.63	-28.60	10.70	20.67	33.00	H
2595.00	-18.59	-28.60	10.70	20.71	33.00	H
2612.50	-18.74	-28.60	10.70	20.56	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	-19.14	-28.60	10.70	20.16	33.00	H
2595.00	-19.36	-28.60	10.70	19.94	33.00	H
2610.00	-18.90	-28.60	10.70	20.40	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	-19.45	-28.60	10.70	19.85	33.00	H
2595.00	-19.30	-28.60	10.70	20.00	33.00	H
2617.50	-19.14	-28.60	10.70	20.16	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	-19.84	-28.60	10.70	19.46	33.00	H
2595.00	-19.67	-28.60	10.70	19.63	33.00	H
2615.00	-19.65	-28.60	10.70	19.65	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	-19.73	-28.60	10.70	19.57	33.00	H
2595.00	-19.76	-28.60	10.70	19.54	33.00	H
2612.50	-19.99	-28.60	10.70	19.31	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	-20.04	-28.60	10.70	19.26	33.00	H
2595.00	-20.26	-28.60	10.70	19.04	33.00	H
2610.00	-19.71	-28.60	10.70	19.59	33.00	H

**LTE Band 41- EIRP Part 27.50(d)(2)**Limits: $\leq 33\text{dBm}$ (2W)**LTE Band 41_5MHz_QPSK**

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2498.50	-17.84	-28.70	10.70	21.56	33.00	H
2593.00	-17.29	-28.60	10.70	22.01	33.00	H
2687.50	-17.85	-28.50	10.70	21.35	33.00	H

LTE Band 41_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.00	-18.15	-28.70	10.70	21.25	33.00	H
2593.00	-17.56	-28.60	10.70	21.74	33.00	H
2685.00	-18.15	-28.50	10.70	21.05	33.00	H

LTE Band 41_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	-18.25	-28.70	10.70	21.15	33.00	H
2593.00	-17.74	-28.60	10.70	21.56	33.00	H
2682.50	-18.34	-28.50	10.70	20.86	33.00	H

LTE Band 41_20MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	-18.53	-28.70	10.70	20.87	33.00	H
2593.00	-17.95	-28.60	10.70	21.35	33.00	H
2680.00	-18.61	-28.50	10.70	20.59	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
2498.50	-18.91	-28.70	10.70	20.49	33.00	H
2593.00	-18.43	-28.60	10.70	20.87	33.00	H
2687.50	-18.76	-28.50	10.70	20.44	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
2501.00	-19.32	-28.70	10.70	20.08	33.00	H
2593.00	-18.79	-28.60	10.70	20.51	33.00	H
2685.00	-19.43	-28.50	10.70	19.77	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
2503.50	-18.99	-28.70	10.70	20.41	33.00	H
2593.00	-18.63	-28.60	10.70	20.67	33.00	H
2682.50	-19.32	-28.50	10.70	19.88	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
2506.00	-19.50	-28.70	10.70	19.90	33.00	H
2593.00	-19.40	-28.60	10.70	19.90	33.00	H
2680.00	-19.48	-28.50	10.70	19.72	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
2498.50	-19.81	-28.70	10.70	19.59	33.00	H
2593.00	-19.34	-28.60	10.70	19.96	33.00	H
2687.50	-19.72	-28.50	10.70	19.48	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
2501.00	-20.19	-28.70	10.70	19.21	33.00	H
2593.00	-19.70	-28.60	10.70	19.60	33.00	H
2685.00	-20.22	-28.50	10.70	18.98	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
2503.50	-20.09	-28.70	10.70	19.31	33.00	H
2593.00	-19.80	-28.60	10.70	19.50	33.00	H
2682.50	-20.57	-28.50	10.70	18.63	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
2506.00	-20.39	-28.70	10.70	19.01	33.00	H
2593.00	-20.30	-28.60	10.70	19.00	33.00	H
2680.00	-20.29	-28.50	10.70	18.91	33.00	H

**LTE Band 66- EIRP Part 27.50(d)(4)**Limits: $\leq 30\text{dBm}$ (1W)**LTE Band 66_1.4MHz_QPSK**

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-15.67	-29.60	8.10	22.03	30.00	H
1745.00	-15.89	-29.50	8.10	21.71	30.00	H
1779.30	-15.49	-29.50	8.10	22.11	30.00	H

LTE Band 66_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-15.88	-29.60	8.10	21.82	30.00	H
1745.00	-16.07	-29.50	8.10	21.53	30.00	H
1778.50	-15.74	-29.50	8.10	21.86	30.00	H

LTE Band 66_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-16.02	-29.60	8.10	21.68	30.00	H
1745.00	-16.19	-29.50	8.10	21.41	30.00	H
1777.50	-15.90	-29.50	8.10	21.70	30.00	H

LTE Band 66_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-16.10	-29.60	8.10	21.60	30.00	H
1745.00	-16.35	-29.50	8.10	21.25	30.00	H
1775.00	-16.00	-29.50	8.10	21.60	30.00	H

LTE Band 66_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-16.21	-29.60	8.10	21.49	30.00	H
1745.00	-16.50	-29.50	8.10	21.10	30.00	H
1772.53	-16.08	-29.50	8.10	21.52	30.00	H

LTE Band 66_20MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (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
1745.00	-16.60	-29.50	8.10	21.00	30.00	H
1770.00	-16.24	-29.50	8.10	21.36	30.00	H

**LTE Band 66_1.4MHz_16QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-16.69	-29.60	8.10	21.01	30.00	H
1745.00	-16.98	-29.50	8.10	20.62	30.00	H
1779.30	-16.54	-29.50	8.10	21.06	30.00	H

LTE Band 66_3MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-16.77	-29.60	8.10	20.93	30.00	H
1745.00	-17.09	-29.50	8.10	20.51	30.00	H
1778.50	-16.82	-29.50	8.10	20.78	30.00	H

LTE Band 66_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-17.07	-29.60	8.10	20.63	30.00	H
1745.00	-17.26	-29.50	8.10	20.34	30.00	H
1777.50	-16.99	-29.50	8.10	20.61	30.00	H

LTE Band 66_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-17.14	-29.60	8.10	20.56	30.00	H
1745.00	-17.38	-29.50	8.10	20.22	30.00	H
1775.00	-17.04	-29.50	8.10	20.56	30.00	H

LTE Band 66_15MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-17.22	-29.60	8.10	20.48	30.00	H
1745.00	-17.52	-29.50	8.10	20.08	30.00	H
1772.53	-17.09	-29.50	8.10	20.51	30.00	H

LTE Band 66_20MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-17.46	-29.60	8.10	20.24	30.00	H
1745.00	-17.66	-29.50	8.10	19.94	30.00	H
1770.00	-17.34	-29.50	8.10	20.26	30.00	H

**LTE Band 66_1.4MHz_64QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-17.51	-29.60	8.10	20.19	30.00	H
1745.00	-17.88	-29.50	8.10	19.72	30.00	H
1779.30	-17.37	-29.50	8.10	20.23	30.00	H

LTE Band 66_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-17.65	-29.60	8.10	20.05	30.00	H
1745.00	-17.97	-29.50	8.10	19.63	30.00	H
1778.50	-17.69	-29.50	8.10	19.91	30.00	H

LTE Band 66_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-17.80	-29.60	8.10	19.90	30.00	H
1745.00	-17.99	-29.50	8.10	19.61	30.00	H
1777.50	-17.72	-29.50	8.10	19.88	30.00	H

LTE Band 66_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-18.02	-29.60	8.10	19.68	30.00	H
1745.00	-18.26	-29.50	8.10	19.34	30.00	H
1775.00	-17.93	-29.50	8.10	19.67	30.00	H

LTE Band 66_15MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-18.03	-29.60	8.10	19.67	30.00	H
1745.00	-18.32	-29.50	8.10	19.28	30.00	H
1772.53	-17.89	-29.50	8.10	19.71	30.00	H

LTE Band 66_20MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-18.21	-29.60	8.10	19.49	30.00	H
1745.00	-18.50	-29.50	8.10	19.10	30.00	H
1770.00	-18.08	-29.50	8.10	19.52	30.00	H



LTE CA_7C - EIRP Part 27.50(h)(2)

Limits: ≤33 dBm (2W)

LTE CA_7C_10MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2505.50	2519.90	-14.18	-28.70	10.70	25.22	33.00	V
2525.60	2540.00	-13.85	-28.60	10.70	25.45	33.00	V
2545.60	2560.00	-13.95	-28.60	10.70	25.35	33.00	V

LTE CA_7C_15MHz+10MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	2519.50	-14.29	-28.70	10.70	25.11	33.00	H
2530.10	2542.10	-13.96	-28.60	10.70	25.34	33.00	H
2552.70	2564.70	-14.06	-28.60	10.70	25.24	33.00	H

LTE CA_7C_15MHz+15MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	2522.50	-14.29	-28.70	10.70	25.11	33.00	H
2527.50	2542.50	-13.96	-28.60	10.70	25.34	33.00	H
2547.50	2562.50	-14.06	-28.60	10.70	25.24	33.00	H

LTE CA_7C_15MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.80	2425.90	-14.34	-28.70	10.70	25.06	33.00	H
2525.30	2542.40	-14.02	-28.60	10.70	25.28	33.00	H
2542.90	2560.00	-14.11	-28.60	10.70	25.19	33.00	H

LTE CA_7C_20MHz+10MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2524.40	-14.21	-28.70	10.70	25.19	33.00	H
2530.10	2544.50	-13.89	-28.60	10.70	25.41	33.00	H
2550.10	2564.50	-13.98	-28.60	10.70	25.32	33.00	H

LTE CA_7C_20MHz+15MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2527.10	-14.24	-28.70	10.70	25.16	33.00	H
2527.60	2544.70	-13.92	-28.60	10.70	25.38	33.00	H
2545.10	2562.20	-14.01	-28.60	10.70	25.29	33.00	H

LTE CA_7C_20MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2529.80	-14.25	-28.70	10.70	25.15	33.00	H
2525.10	2544.90	-13.93	-28.60	10.70	25.37	33.00	H
2540.20	2560.00	-14.02	-28.60	10.70	25.28	33.00	H

**LTE CA_7C_10MHz+20MHz_16QAM**

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2505.50	2519.90	-15.29	-28.70	10.70	24.11	33.00	V
2525.60	2540.00	-14.97	-28.60	10.70	24.33	33.00	V
2545.60	2560.00	-15.06	-28.60	10.70	24.24	33.00	V

LTE CA_7C_15MHz+10MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	2519.50	-15.35	-28.70	10.70	24.05	33.00	H
2530.10	2542.10	-15.02	-28.60	10.70	24.28	33.00	H
2552.70	2564.70	-15.12	-28.60	10.70	24.18	33.00	H

LTE CA_7C_15MHz+15MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	2522.50	-15.31	-28.70	10.70	24.09	33.00	H
2527.50	2542.50	-14.98	-28.60	10.70	24.32	33.00	H
2547.50	2562.50	-15.08	-28.60	10.70	24.22	33.00	H

LTE CA_7C_15MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.80	2425.90	-15.38	-28.70	10.70	24.02	33.00	H
2525.30	2542.40	-15.06	-28.60	10.70	24.24	33.00	H
2542.90	2560.00	-15.15	-28.60	10.70	24.15	33.00	H

LTE CA_7C_20MHz+10MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2524.40	-15.29	-28.70	10.70	24.11	33.00	H
2530.10	2544.50	-14.96	-28.60	10.70	24.34	33.00	H
2550.10	2564.50	-15.06	-28.60	10.70	24.24	33.00	H

LTE CA_7C_20MHz+15MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2527.10	-15.31	-28.70	10.70	24.09	33.00	H
2527.60	2544.70	-14.98	-28.60	10.70	24.32	33.00	H
2545.10	2562.20	-15.08	-28.60	10.70	24.22	33.00	H

LTE CA_7C_20MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2529.80	-15.32	-28.70	10.70	24.08	33.00	H
2525.10	2544.90	-14.99	-28.60	10.70	24.31	33.00	H
2540.20	2560.00	-15.09	-28.60	10.70	24.21	33.00	H



LTE CA_7C_10MHz+20MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2505.50	2519.90	-16.34	-28.70	10.70	23.06	33.00	V
2525.60	2540.00	-16.02	-28.60	10.70	23.28	33.00	V
2545.60	2560.00	-16.11	-28.60	10.70	23.19	33.00	V

LTE CA_7C_15MHz+10MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	2519.50	-16.40	-28.70	10.70	23.00	33.00	H
2530.10	2542.10	-16.07	-28.60	10.70	23.23	33.00	H
2552.70	2564.70	-16.17	-28.60	10.70	23.13	33.00	H

LTE CA_7C_15MHz+15MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	2522.50	-16.33	-28.70	10.70	23.07	33.00	H
2527.50	2542.50	-16.00	-28.60	10.70	23.30	33.00	H
2547.50	2562.50	-16.10	-28.60	10.70	23.20	33.00	H

LTE CA_7C_15MHz+20MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.80	2425.90	-16.42	-28.70	10.70	22.98	33.00	H
2525.30	2542.40	-16.10	-28.60	10.70	23.20	33.00	H
2542.90	2560.00	-16.19	-28.60	10.70	23.11	33.00	H

LTE CA_7C_20MHz+10MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2524.40	-16.36	-28.70	10.70	23.04	33.00	H
2530.10	2544.50	-16.03	-28.60	10.70	23.27	33.00	H
2550.10	2564.50	-16.13	-28.60	10.70	23.17	33.00	H

LTE CA_7C_20MHz+15MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2527.10	-16.46	-28.70	10.70	22.94	33.00	H
2527.60	2544.70	-16.13	-28.60	10.70	23.17	33.00	H
2545.10	2562.20	-16.23	-28.60	10.70	23.07	33.00	H

LTE CA_7C_20MHz+20MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2529.80	-16.38	-28.70	10.70	23.02	33.00	H
2525.10	2544.90	-16.05	-28.60	10.70	23.25	33.00	H
2540.20	2560.00	-16.15	-28.60	10.70	23.15	33.00	H



LTE CA_38C - EIRP Part 27.50(h)(2)

Limits: ≤33dBm (2W)

LTE CA_38C_15MHz+15MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2577.50	2592.50	-16.78	-28.70	10.70	22.62	33.00	V
2587.50	2602.50	-16.35	-28.60	10.70	22.95	33.00	V
2597.50	2612.50	-16.99	-28.50	10.70	22.21	33.00	V

LTE CA_38C_20MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2580.00	2599.80	-16.91	-28.70	10.70	22.49	33.00	V
2585.10	2604.90	-16.49	-28.60	10.70	22.81	33.00	V
2590.20	2610.00	-17.22	-28.60	10.70	22.08	33.00	V

LTE CA_38C_15MHz+15MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2577.50	2592.50	-17.82	-28.70	10.70	21.58	33.00	V
2587.50	2602.50	-17.39	-28.60	10.70	21.91	33.00	V
2597.50	2612.50	-18.03	-28.50	10.70	21.17	33.00	V

LTE CA_38C_20MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2580.00	2599.80	-17.97	-28.70	10.70	21.43	33.00	V
2585.10	2604.90	-17.54	-28.60	10.70	21.76	33.00	V
2590.20	2610.00	-18.28	-28.60	10.70	21.02	33.00	V

LTE CA_38C_15MHz+15MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2577.50	2592.50	-18.96	-28.70	10.70	20.44	33.00	V
2587.50	2602.50	-18.54	-28.60	10.70	20.76	33.00	V
2597.50	2612.50	-19.17	-28.50	10.70	20.03	33.00	V

LTE CA_38C_20MHz+20MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2580.00	2599.80	-19.14	-28.70	10.70	20.26	33.00	V
2585.10	2604.90	-18.71	-28.60	10.70	20.59	33.00	V
2590.20	2610.00	-19.45	-28.60	10.70	19.85	33.00	V



LTE CA_41C- EIRP Part 27.50(d)(2)

Limits: ≤33dBm (2W)

LTE CA_41C_5MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2499.30	2511.00	-14.79	-28.70	10.70	24.61	33.00	V
2583.80	2595.50	-14.47	-28.60	10.70	24.83	33.00	V
2668.30	2680.00	-14.47	-28.50	10.70	24.73	33.00	V

LTE CA_41C_10MHz+15MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.30	2513.30	-15.06	-28.70	10.70	24.34	33.00	V
2585.90	2597.90	-14.82	-28.60	10.70	24.48	33.00	V
2670.50	2682.50	-14.93	-28.60	10.70	24.37	33.00	V

LTE CA_41C_10MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.50	2515.90	-14.83	-28.70	10.70	24.57	33.00	V
2583.60	2598.00	-14.50	-28.60	10.70	24.80	33.00	V
2665.60	2680.00	-14.60	-28.60	10.70	24.70	33.00	V

LTE CA_41C_15MHz+10MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	2515.50	-15.04	-28.70	10.70	24.36	33.00	H
2588.10	2600.10	-14.80	-28.60	10.70	24.50	33.00	H
2672.70	2684.70	-14.91	-28.60	10.70	24.39	33.00	H

LTE CA_41C_15MHz+15MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	2518.50	-14.97	-28.70	10.70	24.43	33.00	H
2585.50	2600.50	-14.73	-28.60	10.70	24.57	33.00	H
2667.50	2682.50	-14.83	-28.60	10.70	24.47	33.00	H

LTE CA_41C_15MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.80	2520.90	-14.82	-28.70	10.70	24.58	33.00	H
2583.30	2600.40	-14.49	-28.60	10.70	24.81	33.00	H
2662.90	2680.00	-14.60	-28.60	10.70	24.70	33.00	H

LTE CA_41C_20MHz+5MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2517.70	-14.94	-28.70	10.70	24.46	33.00	H
2590.50	2602.20	-14.61	-28.60	10.70	24.69	33.00	H
2675.00	2686.70	-14.72	-28.60	10.70	24.58	33.00	H

**LTE CA_41C_20MHz+10MHz_QPSK**

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2520.40	-14.90	-28.70	10.70	24.50	33.00	H
2588.10	2602.50	-14.57	-28.60	10.70	24.73	33.00	H
2670.10	2684.50	-14.68	-28.60	10.70	24.62	33.00	H

LTE CA_41C_20MHz+15MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2523.10	-14.92	-28.70	10.70	24.48	33.00	H
2585.60	2602.70	-14.59	-28.60	10.70	24.71	33.00	H
2665.10	2682.20	-14.70	-28.60	10.70	24.60	33.00	H

LTE CA_41C_20MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2525.80	-14.99	-28.70	10.70	24.41	33.00	H
2583.10	2602.90	-14.75	-28.60	10.70	24.55	33.00	H
2660.20	2680.00	-14.85	-28.60	10.70	24.45	33.00	H



LTE CA_41C_5MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2499.30	2511.00	-15.84	-28.70	10.70	23.56	33.00	V
2583.80	2595.50	-15.51	-28.60	10.70	23.79	33.00	V
2668.30	2680.00	-15.52	-28.50	10.70	23.68	33.00	V

LTE CA_41C_10MHz+15MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.30	2513.30	-16.11	-28.70	10.70	23.29	33.00	V
2585.90	2597.90	-15.87	-28.60	10.70	23.43	33.00	V
2670.50	2682.50	-15.98	-28.60	10.70	23.32	33.00	V

LTE CA_41C_10MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.50	2515.90	-15.87	-28.70	10.70	23.53	33.00	V
2583.60	2598.00	-15.55	-28.60	10.70	23.75	33.00	V
2665.60	2680.00	-15.65	-28.60	10.70	23.65	33.00	V

LTE CA_41C_15MHz+10MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	2515.50	-16.08	-28.70	10.70	23.32	33.00	H
2588.10	2600.10	-15.84	-28.60	10.70	23.46	33.00	H
2672.70	2684.70	-15.94	-28.60	10.70	23.36	33.00	H

LTE CA_41C_15MHz+15MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	2518.50	-16.02	-28.70	10.70	23.38	33.00	H
2585.50	2600.50	-15.77	-28.60	10.70	23.53	33.00	H
2667.50	2682.50	-15.88	-28.60	10.70	23.42	33.00	H

LTE CA_41C_15MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.80	2520.90	-15.87	-28.70	10.70	23.53	33.00	H
2583.30	2600.40	-15.55	-28.60	10.70	23.75	33.00	H
2662.90	2680.00	-15.65	-28.60	10.70	23.65	33.00	H

LTE CA_41C_20MHz+5MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2517.70	-16.03	-28.70	10.70	23.37	33.00	H
2590.50	2602.20	-15.70	-28.60	10.70	23.60	33.00	H
2675.00	2686.70	-15.81	-28.60	10.70	23.49	33.00	H

**LTE CA_41C_20MHz+10MHz_16QAM**

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2520.40	-15.94	-28.70	10.70	23.46	33.00	H
2588.10	2602.50	-15.61	-28.60	10.70	23.69	33.00	H
2670.10	2684.50	-15.72	-28.60	10.70	23.58	33.00	H

LTE CA_41C_20MHz+15MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2523.10	-16.03	-28.70	10.70	23.37	33.00	H
2585.60	2602.70	-15.70	-28.60	10.70	23.60	33.00	H
2665.10	2682.20	-15.80	-28.60	10.70	23.50	33.00	H

LTE CA_41C_20MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2525.80	-16.03	-28.70	10.70	23.37	33.00	H
2583.10	2602.90	-15.79	-28.60	10.70	23.51	33.00	H
2660.20	2680.00	-15.90	-28.60	10.70	23.40	33.00	H



LTE CA_41C_5MHz+20MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2499.30	2511.00	-16.88	-28.70	10.70	22.52	33.00	V
2583.80	2595.50	-16.55	-28.60	10.70	22.75	33.00	V
2668.30	2680.00	-16.56	-28.50	10.70	22.64	33.00	V

LTE CA_41C_10MHz+15MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.30	2513.30	-17.16	-28.70	10.70	22.24	33.00	V
2585.90	2597.90	-16.92	-28.60	10.70	22.38	33.00	V
2670.50	2682.50	-17.02	-28.60	10.70	22.28	33.00	V

LTE CA_41C_10MHz+20MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.50	2515.90	-16.92	-28.70	10.70	22.48	33.00	V
2583.60	2598.00	-16.59	-28.60	10.70	22.71	33.00	V
2665.60	2680.00	-16.70	-28.60	10.70	22.60	33.00	V

LTE CA_41C_15MHz+10MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	2515.50	-17.12	-28.70	10.70	22.28	33.00	H
2588.10	2600.10	-16.88	-28.60	10.70	22.42	33.00	H
2672.70	2684.70	-16.98	-28.60	10.70	22.32	33.00	H

LTE CA_41C_15MHz+15MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	2518.50	-17.06	-28.70	10.70	22.34	33.00	H
2585.50	2600.50	-16.82	-28.60	10.70	22.48	33.00	H
2667.50	2682.50	-16.92	-28.60	10.70	22.38	33.00	H

LTE CA_41C_15MHz+20MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.80	2520.90	-16.93	-28.70	10.70	22.47	33.00	H
2583.30	2600.40	-16.60	-28.60	10.70	22.70	33.00	H
2662.90	2680.00	-16.71	-28.60	10.70	22.59	33.00	H

LTE CA_41C_20MHz+5MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2517.70	-17.12	-28.70	10.70	22.28	33.00	H
2590.50	2602.20	-16.80	-28.60	10.70	22.50	33.00	H
2675.00	2686.70	-16.90	-28.60	10.70	22.40	33.00	H

**LTE CA_41C_20MHz+10MHz_64QAM**

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2520.40	-16.98	-28.70	10.70	22.42	33.00	H
2588.10	2602.50	-16.65	-28.60	10.70	22.65	33.00	H
2670.10	2684.50	-16.76	-28.60	10.70	22.54	33.00	H

LTE CA_41C_20MHz+15MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2523.10	-16.13	-28.70	10.70	23.27	33.00	H
2585.60	2602.70	-16.74	-28.60	10.70	22.56	33.00	H
2665.10	2682.20	-16.91	-28.60	10.70	22.39	33.00	H

LTE CA_41C_20MHz+20MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2525.80	-17.08	-28.70	10.70	22.32	33.00	H
2583.10	2602.90	-16.84	-28.60	10.70	22.46	33.00	H
2660.20	2680.00	-16.94	-28.60	10.70	22.36	33.00	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 _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1850.70	-15.57	-29.30	8.10	21.83	33.00	H
1880.00	-15.27	-29.40	8.10	22.23	33.00	H
1909.30	-15.27	-29.30	8.10	22.13	33.00	H

LTE Band 2_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1851.50	-15.79	-29.30	8.10	21.61	33.00	H
1880.00	-15.45	-29.40	8.10	22.05	33.00	H
1908.50	-15.52	-29.30	8.10	21.88	33.00	H

LTE Band 2_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1852.50	-15.92	-29.30	8.10	21.48	33.00	H
1880.00	-15.57	-29.40	8.10	21.93	33.00	H
1907.50	-15.68	-29.30	8.10	21.72	33.00	H

LTE Band 2_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1855.00	-15.81	-29.30	8.10	21.59	33.00	H
1880.00	-15.53	-29.40	8.10	21.97	33.00	H
1905.00	-15.48	-29.30	8.10	21.92	33.00	H

LTE Band 2_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1857.50	-15.81	-29.30	8.10	21.59	33.00	H
1880.00	-15.59	-29.40	8.10	21.91	33.00	H
1902.50	-15.66	-29.30	8.10	21.74	33.00	H

LTE Band 2_20MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1860.00	-15.87	-29.30	8.10	21.53	33.00	H
1880.00	-15.69	-29.40	8.10	21.81	33.00	H
1900.00	-15.63	-29.30	8.10	21.77	33.00	H

**LTE Band 2_1.4MHz_16QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1850.70	-16.69	-29.30	8.10	20.71	33.00	H
1880.00	-16.37	-29.40	8.10	21.13	33.00	H
1909.30	-16.52	-29.30	8.10	20.88	33.00	H

LTE Band 2_3MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1851.50	-16.77	-29.30	8.10	20.63	33.00	H
1880.00	-16.58	-29.40	8.10	20.92	33.00	H
1908.50	-16.70	-29.30	8.10	20.70	33.00	H

LTE Band 2_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1852.50	-17.07	-29.30	8.10	20.33	33.00	H
1880.00	-16.75	-29.40	8.10	20.75	33.00	H
1907.50	-16.97	-29.30	8.10	20.43	33.00	H

LTE Band 2_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1855.00	-16.94	-29.30	8.10	20.46	33.00	H
1880.00	-16.67	-29.40	8.10	20.83	33.00	H
1905.00	-16.62	-29.30	8.10	20.78	33.00	H

LTE Band 2_15MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1857.50	-17.02	-29.30	8.10	20.38	33.00	H
1880.00	-16.80	-29.40	8.10	20.70	33.00	H
1902.50	-16.87	-29.30	8.10	20.53	33.00	H

LTE Band 2_20MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1860.00	-17.07	-29.30	8.10	20.33	33.00	H
1880.00	-16.94	-29.40	8.10	20.56	33.00	H
1900.00	-16.82	-29.30	8.10	20.58	33.00	H

**LTE Band 2_1.4MHz_64QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1850.70	-17.91	-29.30	8.10	19.49	33.00	H
1880.00	-17.47	-29.40	8.10	20.03	33.00	H
1909.30	-17.55	-29.30	8.10	19.85	33.00	H

LTE Band 2_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1851.50	-18.15	-29.30	8.10	19.25	33.00	H
1880.00	-17.95	-29.40	8.10	19.55	33.00	H
1908.50	-17.88	-29.30	8.10	19.52	33.00	H

LTE Band 2_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1852.50	-18.40	-29.30	8.10	19.00	33.00	H
1880.00	-18.07	-29.40	8.10	19.43	33.00	H
1907.50	-18.30	-29.30	8.10	19.10	33.00	H

LTE Band 2_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1855.00	-18.32	-29.30	8.10	19.08	33.00	H
1880.00	-18.04	-29.40	8.10	19.46	33.00	H
1905.00	-18.09	-29.30	8.10	19.31	33.00	H

LTE Band 2_15MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1857.50	-18.32	-29.30	8.10	19.08	33.00	H
1880.00	-18.09	-29.40	8.10	19.41	33.00	H
1902.50	-18.37	-29.30	8.10	19.04	33.00	H

LTE Band 2_20MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1860.00	-18.41	-29.30	8.10	18.99	33.00	H
1880.00	-18.28	-29.40	8.10	19.22	33.00	H
1900.00	-18.36	-29.30	8.10	19.04	33.00	H



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

Limits: $\leq 30\text{dBm}$ (1W)

LTE Band 4_1.4MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-16.01	-29.60	8.10	21.69	30.00	H
1732.50	-15.43	-29.60	8.10	22.27	30.00	H
1754.30	-15.24	-29.50	8.10	22.36	30.00	H

LTE Band 4_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-16.22	-29.60	8.10	21.48	30.00	H
1732.50	-15.61	-29.60	8.10	22.09	30.00	H
1753.50	-15.49	-29.50	8.10	22.11	30.00	H

LTE Band 4_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-16.36	-29.60	8.10	21.34	30.00	H
1732.50	-15.73	-29.60	8.10	21.97	30.00	H
1752.50	-15.65	-29.50	8.10	21.95	30.00	H

LTE Band 4_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-16.44	-29.60	8.10	21.26	30.00	H
1732.50	-15.89	-29.60	8.10	21.81	30.00	H
1750.00	-15.75	-29.50	8.10	21.85	30.00	H

LTE Band 4_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-16.55	-29.60	8.10	21.15	30.00	H
1732.50	-16.05	-29.60	8.10	21.65	30.00	H
1747.50	-15.82	-29.50	8.10	21.78	30.00	H

LTE Band 4_20MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-16.71	-29.60	8.10	20.99	30.00	H
1732.50	-16.15	-29.60	8.10	21.55	30.00	H
1745.00	-15.99	-29.50	8.10	21.61	30.00	H

**LTE Band 4_1.4MHz_16QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-17.13	-29.60	8.10	20.57	30.00	H
1732.50	-16.53	-29.60	8.10	21.17	30.00	H
1754.30	-16.49	-29.50	8.10	21.11	30.00	H

LTE Band 4_3MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-17.21	-29.60	8.10	20.49	30.00	H
1732.50	-16.74	-29.60	8.10	20.96	30.00	H
1753.50	-16.66	-29.50	8.10	20.94	30.00	H

LTE Band 4_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-17.50	-29.60	8.10	20.20	30.00	H
1732.50	-16.91	-29.60	8.10	20.79	30.00	H
1752.50	-16.93	-29.50	8.10	20.67	30.00	H

LTE Band 4_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-17.57	-29.60	8.10	20.13	30.00	H
1732.50	-17.03	-29.60	8.10	20.67	30.00	H
1750.00	-16.88	-29.50	8.10	20.72	30.00	H

LTE Band 4_15MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-17.76	-29.60	8.10	19.94	30.00	H
1732.50	-17.26	-29.60	8.10	20.44	30.00	H
1747.50	-17.04	-29.50	8.10	20.56	30.00	H

LTE Band 4_20MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-17.90	-29.60	8.10	19.80	30.00	H
1732.50	-17.40	-29.60	8.10	20.30	30.00	H
1745.00	-17.18	-29.50	8.10	20.42	30.00	H

**LTE Band 4_1.4MHz_64QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-18.34	-29.60	8.10	19.36	30.00	H
1732.50	-17.63	-29.60	8.10	20.07	30.00	H
1754.30	-17.51	-29.50	8.10	20.09	30.00	H

LTE Band 4_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-18.59	-29.60	8.10	19.11	30.00	H
1732.50	-18.11	-29.60	8.10	19.59	30.00	H
1753.50	-17.84	-29.50	8.10	19.76	30.00	H

LTE Band 4_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-18.83	-29.60	8.10	18.87	30.00	H
1732.50	-18.23	-29.60	8.10	19.46	30.00	H
1752.50	-18.26	-29.50	8.10	19.34	30.00	H

LTE Band 4_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-18.95	-29.60	8.10	18.75	30.00	H
1732.50	-18.40	-29.60	8.10	19.30	30.00	H
1750.00	-18.36	-29.50	8.10	19.24	30.00	H

LTE Band 4_15MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-19.05	-29.60	8.10	18.65	30.00	H
1732.50	-18.55	-29.60	8.10	19.15	30.00	H
1747.50	-18.53	-29.50	8.10	19.07	30.00	H

LTE Band 4_20MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-19.24	-29.60	8.10	18.46	30.00	H
1732.50	-18.75	-29.60	8.10	18.95	30.00	H
1745.00	-18.73	-29.50	8.10	18.87	30.00	H

**LTE Band 5- ERP Part 22.913(a)**Limits: $\leq 38.45\text{dBm}$ (7W)**LTE Band 5_1.4MHz_QPSK**

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-10.07	-33.60	-0.79	2.15	20.58	38.45	V
836.50	-9.47	-33.50	-0.74	2.15	21.14	38.45	V
848.30	-9.27	-33.50	-0.73	2.15	21.35	38.45	V

LTE Band 5_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-10.20	-33.60	-0.84	2.15	20.41	38.45	V
836.50	-9.65	-33.50	-0.74	2.15	20.97	38.45	V
847.50	-9.48	-33.50	-0.73	2.15	21.14	38.45	V

LTE Band 5_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-10.28	-33.60	-0.84	2.15	20.33	38.45	V
836.50	-9.76	-33.50	-0.74	2.15	20.86	38.45	V
846.50	-9.58	-33.50	-0.73	2.15	21.04	38.45	V

LTE Band 5_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-10.36	-33.60	-0.84	2.15	20.25	38.45	V
836.50	-9.83	-33.50	-0.74	2.15	20.79	38.45	V
844.00	-9.63	-33.50	-0.78	2.15	20.94	38.45	V

**LTE Band 5_1.4MHz_16QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-11.09	-33.60	-0.79	2.15	19.56	38.45	V
836.50	-10.48	-33.50	-0.74	2.15	20.13	38.45	V
848.30	-10.42	-33.50	-0.73	2.15	20.20	38.45	V

LTE Band 5_3MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-11.19	-33.60	-0.84	2.15	19.42	38.45	V
836.50	-10.67	-33.50	-0.74	2.15	19.94	38.45	V
847.50	-10.55	-33.50	-0.73	2.15	20.06	38.45	V

LTE Band 5_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-11.32	-33.60	-0.84	2.15	19.29	38.45	V
836.50	-10.83	-33.50	-0.74	2.15	19.78	38.45	V
846.50	-10.59	-33.50	-0.73	2.15	20.03	38.45	V

LTE Band 5_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-11.39	-33.60	-0.84	2.15	19.22	38.45	V
836.50	-10.86	-33.50	-0.74	2.15	19.75	38.45	V
844.00	-10.66	-33.50	-0.78	2.15	19.90	38.45	V



LTE Band 5_1.4MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-12.11	-33.60	-0.79	2.15	18.55	38.45	V
836.50	-11.58	-33.50	-0.74	2.15	19.03	38.45	V
848.30	-11.44	-33.50	-0.73	2.15	19.18	38.45	V

LTE Band 5_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-12.16	-33.60	-0.84	2.15	18.45	38.45	V
836.50	-11.68	-33.50	-0.74	2.15	18.93	38.45	V
847.50	-11.43	-33.50	-0.73	2.15	19.19	38.45	V

LTE Band 5_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-12.35	-33.60	-0.84	2.15	18.26	38.45	V
836.50	-11.86	-33.50	-0.74	2.15	18.75	38.45	V
846.50	-11.51	-33.50	-0.73	2.15	19.11	38.45	V

LTE Band 5_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-12.47	-33.60	-0.84	2.15	18.14	38.45	V
836.50	-11.94	-33.50	-0.74	2.15	18.68	38.45	V
844.00	-11.74	-33.50	-0.78	2.15	18.83	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 _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2502.50	-17.53	-28.70	10.70	21.87	33.00	H
2535.00	-17.15	-28.60	10.70	22.15	33.00	H
2567.50	-17.81	-28.60	10.70	21.49	33.00	H

LTE Band 7_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2505.00	-17.84	-28.70	10.70	21.56	33.00	H
2535.00	-17.37	-28.60	10.70	21.93	33.00	H
2565.00	-18.11	-28.60	10.70	21.19	33.00	H

LTE Band 7_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	-17.92	-28.70	10.70	21.48	33.00	H
2535.00	-17.56	-28.60	10.70	21.74	33.00	H
2562.50	-18.13	-28.60	10.70	21.17	33.00	H

LTE Band 7_20MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	-18.22	-28.70	10.70	21.18	33.00	H
2535.00	-17.71	-28.60	10.70	21.59	33.00	H
2560.00	-18.47	-28.60	10.70	20.83	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	-18.60	-28.70	10.70	20.80	33.00	H
2535.00	-18.29	-28.60	10.70	21.01	33.00	H
2567.50	-18.72	-28.60	10.70	20.58	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	-19.01	-28.70	10.70	20.39	33.00	H
2535.00	-18.60	-28.60	10.70	20.70	33.00	H
2565.00	-19.39	-28.60	10.70	19.91	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	-18.66	-28.70	10.70	20.74	33.00	H
2535.00	-18.45	-28.60	10.70	20.85	33.00	H
2562.50	-19.11	-28.60	10.70	20.19	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	-19.19	-28.70	10.70	20.21	33.00	H
2535.00	-18.76	-28.60	10.70	20.54	33.00	H
2560.00	-19.44	-28.60	10.70	19.86	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	-19.50	-28.70	10.70	19.90	33.00	H
2535.00	-19.20	-28.60	10.70	20.10	33.00	H
2567.50	-19.68	-28.60	10.70	19.62	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	-19.88	-28.70	10.70	19.52	33.00	H
2535.00	-19.51	-28.60	10.70	19.79	33.00	H
2565.00	-20.18	-28.60	10.70	19.12	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	-19.76	-28.70	10.70	19.64	33.00	H
2535.00	-19.42	-28.60	10.70	19.88	33.00	H
2562.50	-20.06	-28.60	10.70	19.24	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	-20.08	-28.70	10.70	19.32	33.00	H
2535.00	-19.46	-28.60	10.70	19.84	33.00	H
2560.00	-20.25	-28.60	10.70	19.05	33.00	H

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

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
699.70	-11.48	-34.80	-0.93	2.15	20.24	34.77	V
707.50	-10.82	-34.70	-0.91	2.15	20.82	34.77	V
715.30	-11.42	-34.70	-0.68	2.15	20.45	34.77	V

LTE Band 12_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
700.50	-11.62	-34.80	-0.97	2.15	20.07	34.77	V
707.50	-11.00	-34.70	-0.91	2.15	20.65	34.77	V
714.50	-11.67	-34.70	-0.64	2.15	20.24	34.77	V

LTE Band 12_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
701.50	-11.69	-34.80	-0.97	2.15	19.99	34.77	V
707.50	-11.11	-34.70	-0.91	2.15	20.54	34.77	V
713.50	-11.77	-34.70	-0.64	2.15	20.14	34.77	V

LTE Band 12_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
704.00	-11.78	-34.80	-0.97	2.15	19.91	34.77	V
707.50	-11.18	-34.70	-0.91	2.15	20.47	34.77	V
711.00	-11.87	-34.70	-0.64	2.15	20.04	34.77	V



LTE Band 12_1.4MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
699.70	-12.50	-34.80	-0.93	2.15	19.22	34.77	V
707.50	-11.83	-34.70	-0.91	2.15	19.81	34.77	V
715.30	-12.57	-34.70	-0.68	2.15	19.30	34.77	V

LTE Band 12_3MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
700.50	-12.60	-34.80	-0.97	2.15	19.08	34.77	V
707.50	-12.02	-34.70	-0.91	2.15	19.62	34.77	V
714.50	-12.74	-34.70	-0.64	2.15	19.16	34.77	V

LTE Band 12_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
701.50	-12.74	-34.80	-0.97	2.15	18.94	34.77	V
707.50	-12.18	-34.70	-0.91	2.15	19.46	34.77	V
713.50	-12.77	-34.70	-0.64	2.15	19.13	34.77	V

LTE Band 12_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
704.00	-12.81	-34.80	-0.97	2.15	18.87	34.77	V
707.50	-12.21	-34.70	-0.91	2.15	19.43	34.77	V
711.00	-12.90	-34.70	-0.64	2.15	19.00	34.77	V

**LTE Band 12_1.4MHz_64QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
699.70	-13.52	-34.80	-0.93	2.15	18.20	34.77	V
707.50	-12.93	-34.70	-0.91	2.15	18.71	34.77	V
715.30	-13.59	-34.70	-0.68	2.15	18.27	34.77	V

LTE Band 12_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
700.50	-13.58	-34.80	-0.97	2.15	18.10	34.77	V
707.50	-13.03	-34.70	-0.91	2.15	18.61	34.77	V
714.50	-13.62	-34.70	-0.64	2.15	18.29	34.77	V

LTE Band 12_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
701.50	-13.77	-34.80	-0.97	2.15	17.91	34.77	V
707.50	-13.21	-34.70	-0.91	2.15	18.43	34.77	V
713.50	-13.70	-34.70	-0.64	2.15	18.20	34.77	V

LTE Band 12_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
704.00	-13.89	-34.80	-0.97	2.15	17.80	34.77	V
707.50	-13.29	-34.70	-0.91	2.15	18.36	34.77	V
711.00	-13.98	-34.70	-0.64	2.15	17.93	34.77	V

**LTE Band 13- ERP Part 27.50(b)(10)**Limits: ≤ 34.77 dBm (3W)**LTE Band 13_5MHz_QPSK**

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
779.50	-9.92	-34.00	-0.08	2.15	21.85	34.77	V
782.00	-10.14	-34.00	-0.13	2.15	21.58	34.77	V
784.50	-10.50	-34.00	-0.13	2.15	21.23	34.77	V

LTE Band 13_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
782.00	-10.55	-34.00	-0.13	2.15	21.17	34.77	V

LTE Band 13_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
779.50	-11.01	-34.00	-0.08	2.15	20.76	34.77	V
782.00	-11.33	-34.00	-0.13	2.15	20.39	34.77	V
784.50	-11.64	-34.00	-0.13	2.15	20.09	34.77	V

LTE Band 13_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
782.00	-11.42	-34.00	-0.13	2.15	20.30	34.77	V

LTE Band 13_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
779.50	-11.88	-34.00	-0.08	2.15	19.89	34.77	V
782.00	-12.20	-34.00	-0.13	2.15	19.52	34.77	V
784.50	-12.51	-34.00	-0.13	2.15	19.22	34.77	V

LTE Band 13_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
782.00	-12.31	-34.00	-0.13	2.15	19.41	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 _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
706.50	-10.59	-34.70	-0.91	2.15	21.05	34.77	V
710.00	-11.11	-34.70	-0.64	2.15	20.79	34.77	V
713.50	-11.27	-34.70	-0.64	2.15	20.63	34.77	V

LTE Band 17_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
709.00	-10.76	-34.70	-0.91	2.15	20.88	34.77	V
710.00	-11.29	-34.70	-0.64	2.15	20.61	34.77	V
711.00	-11.48	-34.70	-0.64	2.15	20.42	34.77	V

LTE Band 17_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
706.50	-11.61	-34.70	-0.91	2.15	20.03	34.77	V
710.00	-12.13	-34.70	-0.64	2.15	19.78	34.77	V
713.50	-12.43	-34.70	-0.64	2.15	19.48	34.77	V

LTE Band 17_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
709.00	-11.75	-34.70	-0.91	2.15	19.89	34.77	V
710.00	-12.32	-34.70	-0.64	2.15	19.59	34.77	V
711.00	-12.56	-34.70	-0.64	2.15	19.35	34.77	V

LTE Band 17_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
706.50	-12.63	-34.70	-0.91	2.15	19.02	34.77	V
710.00	-13.23	-34.70	-0.64	2.15	18.68	34.77	V
713.50	-13.45	-34.70	-0.64	2.15	18.46	34.77	V

LTE Band 17_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
709.00	-12.73	-34.70	-0.91	2.15	18.91	34.77	V
710.00	-13.32	-34.70	-0.64	2.15	18.58	34.77	V
711.00	-13.44	-34.70	-0.64	2.15	18.47	34.77	V



LTE Band 26(824MHz-849MHz)- ERP Part 22.913(a)

Limits: $\leq 38.45\text{dBm}$ (7W)

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

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-9.65	-33.60	-0.79	2.15	21.01	38.45	V
836.50	-9.08	-33.50	-0.74	2.15	21.53	38.45	V
848.30	-9.48	-33.50	-0.73	2.15	21.13	38.45	V

LTE Band 26(824MHz-849MHz)_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-9.82	-33.60	-0.79	2.15	20.84	38.45	V
836.50	-9.26	-33.50	-0.74	2.15	21.36	38.45	V
847.50	-9.69	-33.50	-0.73	2.15	20.93	38.45	V

LTE Band 26(824MHz-849MHz)_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-9.90	-33.60	-0.79	2.15	20.76	38.45	V
836.50	-9.37	-33.50	-0.74	2.15	21.25	38.45	V
846.50	-9.79	-33.50	-0.73	2.15	20.82	38.45	V

LTE Band 26(824MHz-849MHz)_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-9.98	-33.60	-0.79	2.15	20.68	38.45	V
836.50	-9.44	-33.50	-0.74	2.15	21.18	38.45	V
844.00	-9.90	-33.50	-0.73	2.15	20.72	38.45	V

LTE Band 26(824MHz-849MHz)_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (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	V
836.50	-9.51	-33.50	-0.74	2.15	21.10	38.45	V
841.50	-9.97	-33.50	-0.73	2.15	20.65	38.45	V



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

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-10.67	-33.60	-0.79	2.15	19.99	38.45	V
836.50	-10.09	-33.50	-0.74	2.15	20.52	38.45	V
848.30	-10.64	-33.50	-0.73	2.15	19.98	38.45	V

LTE Band 26(824MHz-849MHz)_3MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (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	V
836.50	-10.28	-33.50	-0.74	2.15	20.33	38.45	V
847.50	-10.77	-33.50	-0.73	2.15	19.85	38.45	V

LTE Band 26(824MHz-849MHz)_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-10.94	-33.60	-0.79	2.15	19.71	38.45	V
836.50	-10.44	-33.50	-0.74	2.15	20.17	38.45	V
846.50	-10.80	-33.50	-0.73	2.15	19.82	38.45	V

LTE Band 26(824MHz-849MHz)_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-11.01	-33.60	-0.79	2.15	19.64	38.45	V
836.50	-10.47	-33.50	-0.74	2.15	20.14	38.45	V
844.00	-10.93	-33.50	-0.73	2.15	19.69	38.45	V

LTE Band 26(824MHz-849MHz)_15MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
831.50	-11.20	-33.60	-0.79	2.15	19.46	38.45	V
836.50	-10.63	-33.50	-0.74	2.15	19.99	38.45	V
841.50	-11.08	-33.50	-0.73	2.15	19.53	38.45	V

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

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-11.68	-33.60	-0.79	2.15	18.97	38.45	V
836.50	-11.19	-33.50	-0.74	2.15	19.42	38.45	V
848.30	-11.66	-33.50	-0.73	2.15	18.96	38.45	V

LTE Band 26(824MHz-849MHz)_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-11.79	-33.60	-0.79	2.15	18.87	38.45	V
836.50	-11.29	-33.50	-0.74	2.15	19.32	38.45	V
847.50	-11.65	-33.50	-0.73	2.15	18.97	38.45	V

LTE Band 26(824MHz-849MHz)_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-11.97	-33.60	-0.79	2.15	18.68	38.45	V
836.50	-11.47	-33.50	-0.74	2.15	19.14	38.45	V
846.50	-11.73	-33.50	-0.73	2.15	18.89	38.45	V

LTE Band 26(824MHz-849MHz)_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-12.09	-33.60	-0.79	2.15	18.57	38.45	V
836.50	-11.55	-33.50	-0.74	2.15	19.06	38.45	V
844.00	-12.01	-33.50	-0.73	2.15	18.61	38.45	V

LTE Band 26(824MHz-849MHz)_15MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
831.50	-12.20	-33.60	-0.79	2.15	18.45	38.45	V
836.50	-11.63	-33.50	-0.74	2.15	18.98	38.45	V
841.50	-12.09	-33.50	-0.73	2.15	18.53	38.45	V



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 _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
814.70	-10.51	-33.70	-0.80	2.15	20.23	50.00	V
819.00	-10.18	-33.60	-0.75	2.15	20.52	50.00	V
823.30	-9.79	-33.60	-0.79	2.15	20.87	50.00	V

LTE Band 26(814MHz-824MHz)_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
815.50	-10.69	-33.70	-0.80	2.15	20.06	50.00	V
819.00	-10.36	-33.60	-0.75	2.15	20.35	50.00	V
822.50	-10.00	-33.60	-0.79	2.15	20.66	50.00	V

LTE Band 26(814MHz-824MHz)_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
816.50	-10.77	-33.70	-0.80	2.15	19.98	50.00	V
819.00	-10.47	-33.60	-0.75	2.15	20.23	50.00	V
821.50	-10.10	-33.60	-0.79	2.15	20.56	50.00	V

LTE Band 26(814MHz-824MHz)_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
819.00	-10.75	-33.60	-0.80	2.15	19.90	50.00	V
819.00	-10.54	-33.60	-0.75	2.15	20.16	50.00	V
819.00	-10.20	-33.60	-0.79	2.15	20.45	50.00	V



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

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
814.70	-11.53	-33.70	-0.80	2.15	19.21	50.00	V
819.00	-11.19	-33.60	-0.75	2.15	19.51	50.00	V
823.30	-10.94	-33.60	-0.79	2.15	19.71	50.00	V

LTE Band 26(814MHz-824MHz)_3MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
815.50	-11.68	-33.70	-0.80	2.15	19.07	50.00	V
819.00	-11.38	-33.60	-0.75	2.15	19.32	50.00	V
822.50	-11.08	-33.60	-0.79	2.15	19.58	50.00	V

LTE Band 26(814MHz-824MHz)_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
816.50	-11.81	-33.70	-0.80	2.15	18.94	50.00	V
819.00	-11.54	-33.60	-0.75	2.15	19.16	50.00	V
821.50	-11.11	-33.60	-0.79	2.15	19.55	50.00	V

LTE Band 26(814MHz-824MHz)_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _c (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
819.00	-11.78	-33.60	-0.80	2.15	18.87	50.00	V
819.00	-11.57	-33.60	-0.75	2.15	19.13	50.00	V
819.00	-11.24	-33.60	-0.79	2.15	19.42	50.00	V



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

Frequency(MHz)	P _{Mea} (dBm)	P _o (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
814.70	-12.55	-33.70	-0.80	2.15	18.20	50.00	V
819.00	-12.29	-33.60	-0.75	2.15	18.41	50.00	V
823.30	-11.96	-33.60	-0.79	2.15	18.69	50.00	V

LTE Band 26(814MHz-824MHz)_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _o (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
815.50	-12.65	-33.70	-0.80	2.15	18.10	50.00	V
819.00	-12.39	-33.60	-0.75	2.15	18.31	50.00	V
822.50	-11.95	-33.60	-0.79	2.15	18.70	50.00	V

LTE Band 26(814MHz-824MHz)_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _o (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
816.50	-12.84	-33.70	-0.80	2.15	17.91	50.00	V
819.00	-12.57	-33.60	-0.75	2.15	18.13	50.00	V
821.50	-12.03	-33.60	-0.79	2.15	18.62	50.00	V

LTE Band 26(814MHz-824MHz)_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _o (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
819.00	-12.86	-33.60	-0.80	2.15	17.79	50.00	V
819.00	-12.65	-33.60	-0.75	2.15	18.05	50.00	V
819.00	-12.31	-33.60	-0.79	2.15	18.34	50.00	V

**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 _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2572.50	-17.13	-28.60	10.70	22.17	33.00	H
2595.00	-17.21	-28.60	10.70	22.09	33.00	H
2617.50	-17.06	-28.60	10.70	22.24	33.00	H

LTE Band 38_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2575.00	-17.45	-28.60	10.70	21.85	33.00	H
2595.00	-17.48	-28.60	10.70	21.82	33.00	H
2615.00	-17.36	-28.60	10.70	21.94	33.00	H

LTE Band 38_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2577.50	-17.54	-28.60	10.70	21.76	33.00	H
2595.00	-17.66	-28.60	10.70	21.64	33.00	H
2612.50	-17.55	-28.60	10.70	21.75	33.00	H

LTE Band 38_20MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2580.00	-17.82	-28.60	10.70	21.48	33.00	H
2595.00	-17.87	-28.60	10.70	21.43	33.00	H
2610.00	-17.82	-28.60	10.70	21.48	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	-18.20	-28.60	10.70	21.10	33.00	H
2595.00	-18.35	-28.60	10.70	20.95	33.00	H
2617.50	-17.97	-28.60	10.70	21.33	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	-18.62	-28.60	10.70	20.68	33.00	H
2595.00	-18.71	-28.60	10.70	20.59	33.00	H
2615.00	-18.64	-28.60	10.70	20.66	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	-18.28	-28.60	10.70	21.02	33.00	H
2595.00	-18.55	-28.60	10.70	20.75	33.00	H
2612.50	-18.53	-28.60	10.70	20.77	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	-18.79	-28.60	10.70	20.51	33.00	H
2595.00	-19.32	-28.60	10.70	19.98	33.00	H
2610.00	-18.69	-28.60	10.70	20.61	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	-19.10	-28.60	10.70	20.20	33.00	H
2595.00	-19.26	-28.60	10.70	20.04	33.00	H
2617.50	-18.93	-28.60	10.70	20.37	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	-19.49	-28.60	10.70	19.81	33.00	H
2595.00	-19.62	-28.60	10.70	19.68	33.00	H
2615.00	-19.43	-28.60	10.70	19.87	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	-19.38	-28.60	10.70	19.92	33.00	H
2595.00	-19.72	-28.60	10.70	19.58	33.00	H
2612.50	-19.78	-28.60	10.70	19.52	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	-19.69	-28.60	10.70	19.61	33.00	H
2595.00	-20.22	-28.60	10.70	19.08	33.00	H
2610.00	-19.50	-28.60	10.70	19.80	33.00	H

**LTE Band 41- EIRP Part 27.50(d)(2)**Limits: $\leq 33\text{dBm}$ (2W)**LTE Band 41_5MHz_QPSK**

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2498.50	-17.27	-28.70	10.70	22.13	33.00	H
2593.00	-17.10	-28.60	10.70	22.20	33.00	H
2687.50	-17.42	-28.50	10.70	21.78	33.00	H

LTE Band 41_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.00	-17.55	-28.70	10.70	21.85	33.00	H
2593.00	-17.31	-28.60	10.70	21.99	33.00	H
2685.00	-17.74	-28.50	10.70	21.46	33.00	H

LTE Band 41_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	-17.66	-28.70	10.70	21.74	33.00	H
2593.00	-17.61	-28.60	10.70	21.70	33.00	H
2682.50	-17.86	-28.50	10.70	21.34	33.00	H

LTE Band 41_20MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	-17.94	-28.70	10.70	21.46	33.00	H
2593.00	-17.86	-28.60	10.70	21.45	33.00	H
2680.00	-18.13	-28.50	10.70	21.07	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
2498.50	-18.44	-28.70	10.70	20.96	33.00	H
2593.00	-18.17	-28.60	10.70	21.13	33.00	H
2687.50	-18.39	-28.50	10.70	20.81	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
2501.00	-18.84	-28.70	10.70	20.56	33.00	H
2593.00	-18.50	-28.60	10.70	20.80	33.00	H
2685.00	-18.95	-28.50	10.70	20.25	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
2503.50	-18.65	-28.70	10.70	20.75	33.00	H
2593.00	-18.57	-28.60	10.70	20.73	33.00	H
2682.50	-18.79	-28.50	10.70	20.41	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
2506.00	-19.05	-28.70	10.70	20.35	33.00	H
2593.00	-18.87	-28.60	10.70	20.43	33.00	H
2680.00	-19.32	-28.50	10.70	19.88	33.00	H

**LTE Band 41_5MHz_64QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2498.50	-19.37	-28.70	10.70	20.03	33.00	H
2593.00	-19.16	-28.60	10.70	20.14	33.00	H
2687.50	-19.30	-28.50	10.70	19.90	33.00	H

LTE Band 41_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.00	-19.61	-28.70	10.70	19.79	33.00	H
2593.00	-19.47	-28.60	10.70	19.83	33.00	H
2685.00	-19.90	-28.50	10.70	19.30	33.00	H

LTE Band 41_15MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	-19.75	-28.70	10.70	19.65	33.00	H
2593.00	-19.78	-28.60	10.70	19.52	33.00	H
2682.50	-20.14	-28.50	10.70	19.06	33.00	H

LTE Band 41_20MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	-19.96	-28.70	10.70	19.44	33.00	H
2593.00	-19.86	-28.60	10.70	19.45	33.00	H
2680.00	-20.16	-28.50	10.70	19.04	33.00	H

**LTE Band 66- EIRP Part 27.50(d)(4)**Limits: $\leq 30\text{dBm}$ (1W)**LTE Band 66_1.4MHz_QPSK**

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-15.75	-29.60	8.10	21.95	30.00	H
1745.00	-15.91	-29.50	8.10	21.69	30.00	H
1779.30	-15.84	-29.50	8.10	21.76	30.00	H

LTE Band 66_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-15.97	-29.60	8.10	21.73	30.00	H
1745.00	-16.08	-29.50	8.10	21.52	30.00	H
1778.50	-16.09	-29.50	8.10	21.51	30.00	H

LTE Band 66_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-16.10	-29.60	8.10	21.60	30.00	H
1745.00	-16.20	-29.50	8.10	21.39	30.00	H
1777.50	-16.25	-29.50	8.10	21.35	30.00	H

LTE Band 66_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-16.19	-29.60	8.10	21.51	30.00	H
1745.00	-16.37	-29.50	8.10	21.23	30.00	H
1775.00	-16.35	-29.50	8.10	21.25	30.00	H

LTE Band 66_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-16.29	-29.60	8.10	21.41	30.00	H
1745.00	-16.52	-29.50	8.10	21.08	30.00	H
1772.53	-16.42	-29.50	8.10	21.18	30.00	H

LTE Band 66_20MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-16.45	-29.60	8.10	21.25	30.00	H
1745.00	-16.62	-29.50	8.10	20.98	30.00	H
1770.00	-16.59	-29.50	8.10	21.01	30.00	H

**LTE Band 66_1.4MHz_16QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-16.77	-29.60	8.10	20.93	30.00	H
1745.00	-17.00	-29.50	8.10	20.60	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 _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-16.85	-29.60	8.10	20.85	30.00	H
1745.00	-17.11	-29.50	8.10	20.49	30.00	H
1778.50	-17.16	-29.50	8.10	20.44	30.00	H

LTE Band 66_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-17.15	-29.60	8.10	20.55	30.00	H
1745.00	-17.28	-29.50	8.10	20.32	30.00	H
1777.50	-17.33	-29.50	8.10	20.27	30.00	H

LTE Band 66_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-17.22	-29.60	8.10	20.48	30.00	H
1745.00	-17.40	-29.50	8.10	20.20	30.00	H
1775.00	-17.38	-29.50	8.10	20.22	30.00	H

LTE Band 66_15MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-17.30	-29.60	8.10	20.39	30.00	H
1745.00	-17.53	-29.50	8.10	20.07	30.00	H
1772.53	-17.44	-29.50	8.10	20.16	30.00	H

LTE Band 66_20MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-17.55	-29.60	8.10	20.15	30.00	H
1745.00	-17.67	-29.50	8.10	19.93	30.00	H
1770.00	-17.68	-29.50	8.10	19.92	30.00	H

**LTE Band 66_1.4MHz_64QAM**

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-17.59	-29.60	8.10	20.11	30.00	H
1745.00	-17.90	-29.50	8.10	19.70	30.00	H
1779.30	-17.71	-29.50	8.10	19.89	30.00	H

LTE Band 66_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-17.73	-29.60	8.10	19.97	30.00	H
1745.00	-17.99	-29.50	8.10	19.61	30.00	H
1778.50	-18.04	-29.50	8.10	19.56	30.00	H

LTE Band 66_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-17.88	-29.60	8.10	19.82	30.00	H
1745.00	-18.01	-29.50	8.10	19.59	30.00	H
1777.50	-18.06	-29.50	8.10	19.54	30.00	H

LTE Band 66_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-18.10	-29.60	8.10	19.60	30.00	H
1745.00	-18.28	-29.50	8.10	19.32	30.00	H
1775.00	-18.28	-29.50	8.10	19.32	30.00	H

LTE Band 66_15MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-18.11	-29.60	8.10	19.59	30.00	H
1745.00	-18.34	-29.50	8.10	19.26	30.00	H
1772.53	-18.24	-29.50	8.10	19.36	30.00	H

LTE Band 66_20MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-18.29	-29.60	8.10	19.41	30.00	H
1745.00	-18.52	-29.50	8.10	19.08	30.00	H
1770.00	-18.43	-29.50	8.10	19.17	30.00	H



LTE CA_7C - EIRP Part 27.50(h)(2)

Limits: ≤33 dBm (2W)

LTE CA_7C_10MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2505.50	2519.90	-14.06	-28.70	10.70	25.34	33.00	V
2525.60	2540.00	-13.74	-28.60	10.70	25.56	33.00	V
2545.60	2560.00	-13.84	-28.60	10.70	25.46	33.00	V

LTE CA_7C_15MHz+10MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	2519.50	-14.17	-28.70	10.70	25.23	33.00	H
2530.10	2542.10	-13.85	-28.60	10.70	25.45	33.00	H
2552.70	2564.70	-13.94	-28.60	10.70	25.36	33.00	H

LTE CA_7C_15MHz+15MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	2522.50	-14.17	-28.70	10.70	25.23	33.00	H
2527.50	2542.50	-13.84	-28.60	10.70	25.46	33.00	H
2547.50	2562.50	-13.94	-28.60	10.70	25.36	33.00	H

LTE CA_7C_15MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.80	2425.90	-14.22	-28.70	10.70	25.18	33.00	H
2525.30	2542.40	-13.90	-28.60	10.70	25.40	33.00	H
2542.90	2560.00	-14.00	-28.60	10.70	25.30	33.00	H

LTE CA_7C_20MHz+10MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2524.40	-14.09	-28.70	10.70	25.31	33.00	H
2530.10	2544.50	-13.77	-28.60	10.70	25.53	33.00	H
2550.10	2564.50	-13.87	-28.60	10.70	25.43	33.00	H

LTE CA_7C_20MHz+15MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2527.10	-14.12	-28.70	10.70	25.28	33.00	H
2527.60	2544.70	-13.80	-28.60	10.70	25.50	33.00	H
2545.10	2562.20	-13.90	-28.60	10.70	25.40	33.00	H

LTE CA_7C_20MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2529.80	-14.13	-28.70	10.70	25.27	33.00	H
2525.10	2544.90	-13.81	-28.60	10.70	25.49	33.00	H
2540.20	2560.00	-13.91	-28.60	10.70	25.39	33.00	H



LTE CA_7C_10MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2505.50	2519.90	-15.17	-28.70	10.70	24.23	33.00	V
2525.60	2540.00	-14.85	-28.60	10.70	24.45	33.00	V
2545.60	2560.00	-14.95	-28.60	10.70	24.35	33.00	V

LTE CA_7C_15MHz+10MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	2519.50	-15.22	-28.70	10.70	24.18	33.00	H
2530.10	2542.10	-14.90	-28.60	10.70	24.40	33.00	H
2552.70	2564.70	-15.00	-28.60	10.70	24.30	33.00	H

LTE CA_7C_15MHz+15MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	2522.50	-15.19	-28.70	10.70	24.21	33.00	H
2527.50	2542.50	-14.87	-28.60	10.70	24.43	33.00	H
2547.50	2562.50	-14.96	-28.60	10.70	24.34	33.00	H

LTE CA_7C_15MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.80	2425.90	-15.26	-28.70	10.70	24.14	33.00	H
2525.30	2542.40	-14.94	-28.60	10.70	24.36	33.00	H
2542.90	2560.00	-15.04	-28.60	10.70	24.26	33.00	H

LTE CA_7C_20MHz+10MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2524.40	-15.16	-28.70	10.70	24.24	33.00	H
2530.10	2544.50	-14.84	-28.60	10.70	24.46	33.00	H
2550.10	2564.50	-14.94	-28.60	10.70	24.36	33.00	H

LTE CA_7C_20MHz+15MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2527.10	-15.19	-28.70	10.70	24.21	33.00	H
2527.60	2544.70	-14.87	-28.60	10.70	24.43	33.00	H
2545.10	2562.20	-14.96	-28.60	10.70	24.34	33.00	H

LTE CA_7C_20MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2529.80	-15.19	-28.70	10.70	24.21	33.00	H
2525.10	2544.90	-14.87	-28.60	10.70	24.43	33.00	H
2540.20	2560.00	-14.97	-28.60	10.70	24.33	33.00	H

**LTE CA_7C_10MHz+20MHz_64QAM**

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2505.50	2519.90	-16.22	-28.70	10.70	23.18	33.00	V
2525.60	2540.00	-15.90	-28.60	10.70	23.40	33.00	V
2545.60	2560.00	-16.00	-28.60	10.70	23.30	33.00	V

LTE CA_7C_15MHz+10MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	2519.50	-16.28	-28.70	10.70	23.12	33.00	H
2530.10	2542.10	-15.96	-28.60	10.70	23.34	33.00	H
2552.70	2564.70	-16.06	-28.60	10.70	23.24	33.00	H

LTE CA_7C_15MHz+15MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	2522.50	-16.21	-28.70	10.70	23.19	33.00	H
2527.50	2542.50	-15.89	-28.60	10.70	23.41	33.00	H
2547.50	2562.50	-15.99	-28.60	10.70	23.31	33.00	H

LTE CA_7C_15MHz+20MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.80	2425.90	-16.30	-28.70	10.70	23.10	33.00	H
2525.30	2542.40	-15.98	-28.60	10.70	23.32	33.00	H
2542.90	2560.00	-16.08	-28.60	10.70	23.22	33.00	H

LTE CA_7C_20MHz+10MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2524.40	-16.24	-28.70	10.70	23.16	33.00	H
2530.10	2544.50	-15.91	-28.60	10.70	23.39	33.00	H
2550.10	2564.50	-16.01	-28.60	10.70	23.29	33.00	H

LTE CA_7C_20MHz+15MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2527.10	-16.33	-28.70	10.70	23.07	33.00	H
2527.60	2544.70	-16.01	-28.60	10.70	23.29	33.00	H
2545.10	2562.20	-16.11	-28.60	10.70	23.19	33.00	H

LTE CA_7C_20MHz+20MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2529.80	-16.26	-28.70	10.70	23.14	33.00	H
2525.10	2544.90	-15.93	-28.60	10.70	23.37	33.00	H
2540.20	2560.00	-16.03	-28.60	10.70	23.27	33.00	H



LTE CA_38C - EIRP Part 27.50(h)(2)

Limits: ≤33dBm (2W)

LTE CA_38C_15MHz+15MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2577.50	2592.50	-17.19	-28.70	10.70	22.21	33.00	V
2587.50	2602.50	-16.94	-28.60	10.70	22.36	33.00	V
2597.50	2612.50	-17.03	-28.50	10.70	22.17	33.00	V

LTE CA_38C_20MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2580.00	2599.80	-17.33	-28.70	10.70	22.07	33.00	V
2585.10	2604.90	-17.08	-28.60	10.70	22.22	33.00	V
2590.20	2610.00	-17.26	-28.60	10.70	22.04	33.00	V

LTE CA_38C_15MHz+15MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2577.50	2592.50	-18.24	-28.70	10.70	21.16	33.00	V
2587.50	2602.50	-17.99	-28.60	10.70	21.31	33.00	V
2597.50	2612.50	-18.07	-28.50	10.70	21.13	33.00	V

LTE CA_38C_20MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2580.00	2599.80	-18.40	-28.70	10.70	21.00	33.00	V
2585.10	2604.90	-18.14	-28.60	10.70	21.16	33.00	V
2590.20	2610.00	-18.33	-28.60	10.70	20.97	33.00	V

LTE CA_38C_15MHz+15MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2577.50	2592.50	-19.38	-28.70	10.70	20.02	33.00	V
2587.50	2602.50	-19.13	-28.60	10.70	20.17	33.00	V
2597.50	2612.50	-19.21	-28.50	10.70	19.99	33.00	V

LTE CA_38C_20MHz+20MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2580.00	2599.80	-19.57	-28.70	10.70	19.83	33.00	V
2585.10	2604.90	-19.32	-28.60	10.70	19.98	33.00	V
2590.20	2610.00	-19.50	-28.60	10.70	19.80	33.00	V



LTE CA_41C- EIRP Part 27.50(d)(2)

Limits: ≤33dBm (2W)

LTE CA_41C_5MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2499.30	2511.00	-14.47	-28.70	10.70	24.93	33.00	V
2583.80	2595.50	-14.65	-28.60	10.70	24.65	33.00	V
2668.30	2680.00	-13.86	-28.50	10.70	25.34	33.00	V

LTE CA_41C_10MHz+15MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.30	2513.30	-14.73	-28.70	10.70	24.67	33.00	V
2585.90	2597.90	-15.00	-28.60	10.70	24.30	33.00	V
2670.50	2682.50	-14.32	-28.60	10.70	24.98	33.00	V

LTE CA_41C_10MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.50	2515.90	-14.50	-28.70	10.70	24.90	33.00	V
2583.60	2598.00	-14.68	-28.60	10.70	24.62	33.00	V
2665.60	2680.00	-13.99	-28.60	10.70	25.31	33.00	V

LTE CA_41C_15MHz+10MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	2515.50	-14.72	-28.70	10.70	24.68	33.00	H
2588.10	2600.10	-14.98	-28.60	10.70	24.32	33.00	H
2672.70	2684.70	-14.30	-28.60	10.70	25.00	33.00	H

LTE CA_41C_15MHz+15MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	2518.50	-14.64	-28.70	10.70	24.76	33.00	H
2585.50	2600.50	-14.91	-28.60	10.70	24.39	33.00	H
2667.50	2682.50	-14.23	-28.60	10.70	25.07	33.00	H

LTE CA_41C_15MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.80	2520.90	-14.49	-28.70	10.70	24.91	33.00	H
2583.30	2600.40	-14.67	-28.60	10.70	24.63	33.00	H
2662.90	2680.00	-13.98	-28.60	10.70	25.32	33.00	H

LTE CA_41C_20MHz+5MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2517.70	-14.61	-28.70	10.70	24.79	33.00	H
2590.50	2602.20	-14.79	-28.60	10.70	24.51	33.00	H
2675.00	2686.70	-14.10	-28.60	10.70	25.20	33.00	H

**LTE CA_41C_20MHz+10MHz_QPSK**

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2520.40	-14.57	-28.70	10.70	24.83	33.00	H
2588.10	2602.50	-14.75	-28.60	10.70	24.55	33.00	H
2670.10	2684.50	-14.07	-28.60	10.70	25.23	33.00	H

LTE CA_41C_20MHz+15MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2523.10	-14.59	-28.70	10.70	24.81	33.00	H
2585.60	2602.70	-14.77	-28.60	10.70	24.53	33.00	H
2665.10	2682.20	-14.09	-28.60	10.70	25.21	33.00	H

LTE CA_41C_20MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2525.80	-14.66	-28.70	10.70	24.74	33.00	H
2583.10	2602.90	-14.93	-28.60	10.70	24.37	33.00	H
2660.20	2680.00	-14.25	-28.60	10.70	25.05	33.00	H



LTE CA_41C_5MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2499.30	2511.00	-15.51	-28.70	10.70	23.89	33.00	V
2583.80	2595.50	-15.69	-28.60	10.70	23.61	33.00	V
2668.30	2680.00	-14.91	-28.50	10.70	24.29	33.00	V

LTE CA_41C_10MHz+15MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.30	2513.30	-15.78	-28.70	10.70	23.62	33.00	V
2585.90	2597.90	-16.05	-28.60	10.70	23.25	33.00	V
2670.50	2682.50	-15.37	-28.60	10.70	23.93	33.00	V

LTE CA_41C_10MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.50	2515.90	-15.54	-28.70	10.70	23.86	33.00	V
2583.60	2598.00	-15.72	-28.60	10.70	23.58	33.00	V
2665.60	2680.00	-15.04	-28.60	10.70	24.26	33.00	V

LTE CA_41C_15MHz+10MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	2515.50	-15.75	-28.70	10.70	23.65	33.00	H
2588.10	2600.10	-16.02	-28.60	10.70	23.28	33.00	H
2672.70	2684.70	-15.34	-28.60	10.70	23.96	33.00	H

LTE CA_41C_15MHz+15MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	2518.50	-15.69	-28.70	10.70	23.71	33.00	H
2585.50	2600.50	-15.96	-28.60	10.70	23.34	33.00	H
2667.50	2682.50	-15.28	-28.60	10.70	24.02	33.00	H

LTE CA_41C_15MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.80	2520.90	-15.55	-28.70	10.70	23.85	33.00	H
2583.30	2600.40	-15.72	-28.60	10.70	23.58	33.00	H
2662.90	2680.00	-15.04	-28.60	10.70	24.26	33.00	H

LTE CA_41C_20MHz+5MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2517.70	-15.70	-28.70	10.70	23.70	33.00	H
2590.50	2602.20	-15.88	-28.60	10.70	23.42	33.00	H
2675.00	2686.70	-15.19	-28.60	10.70	24.11	33.00	H

**LTE CA_41C_20MHz+10MHz_16QAM**

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2520.40	-15.61	-28.70	10.70	23.79	33.00	H
2588.10	2602.50	-15.79	-28.60	10.70	23.51	33.00	H
2670.10	2684.50	-15.11	-28.60	10.70	24.19	33.00	H

LTE CA_41C_20MHz+15MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2523.10	-15.71	-28.70	10.70	23.69	33.00	H
2585.60	2602.70	-15.88	-28.60	10.70	23.42	33.00	H
2665.10	2682.20	-15.20	-28.60	10.70	24.10	33.00	H

LTE CA_41C_20MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2525.80	-15.71	-28.70	10.70	23.69	33.00	H
2583.10	2602.90	-15.97	-28.60	10.70	23.33	33.00	H
2660.20	2680.00	-15.29	-28.60	10.70	24.01	33.00	H

**LTE CA_41C_5MHz+20MHz_64QAM**

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2499.30	2511.00	-16.55	-28.70	10.70	22.85	33.00	V
2583.80	2595.50	-16.73	-28.60	10.70	22.57	33.00	V
2668.30	2680.00	-15.95	-28.50	10.70	23.25	33.00	V

LTE CA_41C_10MHz+15MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.30	2513.30	-16.83	-28.70	10.70	22.57	33.00	V
2585.90	2597.90	-17.10	-28.60	10.70	22.20	33.00	V
2670.50	2682.50	-16.42	-28.60	10.70	22.88	33.00	V

LTE CA_41C_10MHz+20MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.50	2515.90	-16.59	-28.70	10.70	22.81	33.00	V
2583.60	2598.00	-16.77	-28.60	10.70	22.53	33.00	V
2665.60	2680.00	-16.08	-28.60	10.70	23.22	33.00	V

LTE CA_41C_15MHz+10MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	2515.50	-16.79	-28.70	10.70	22.61	33.00	H
2588.10	2600.10	-17.06	-28.60	10.70	22.24	33.00	H
2672.70	2684.70	-16.38	-28.60	10.70	22.92	33.00	H

LTE CA_41C_15MHz+15MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	2518.50	-16.73	-28.70	10.70	22.67	33.00	H
2585.50	2600.50	-17.00	-28.60	10.70	22.30	33.00	H
2667.50	2682.50	-16.32	-28.60	10.70	22.98	33.00	H

LTE CA_41C_15MHz+20MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.80	2520.90	-16.60	-28.70	10.70	22.80	33.00	H
2583.30	2600.40	-16.78	-28.60	10.70	22.52	33.00	H
2662.90	2680.00	-16.10	-28.60	10.70	23.20	33.00	H

LTE CA_41C_20MHz+5MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2517.70	-16.79	-28.70	10.70	22.61	33.00	H
2590.50	2602.20	-16.97	-28.60	10.70	22.33	33.00	H
2675.00	2686.70	-16.29	-28.60	10.70	23.01	33.00	H

**LTE CA_41C_20MHz+10MHz_64QAM**

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2520.40	-16.65	-28.70	10.70	22.75	33.00	H
2588.10	2602.50	-16.83	-28.60	10.70	22.47	33.00	H
2670.10	2684.50	-16.15	-28.60	10.70	23.15	33.00	H

LTE CA_41C_20MHz+15MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2523.10	-15.81	-28.70	10.70	23.59	33.00	H
2585.60	2602.70	-16.92	-28.60	10.70	22.38	33.00	H
2665.10	2682.20	-16.31	-28.60	10.70	22.99	33.00	H

LTE CA_41C_20MHz+20MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2525.80	-16.75	-28.70	10.70	22.65	33.00	H
2583.10	2602.90	-17.02	-28.60	10.70	22.28	33.00	H
2660.20	2680.00	-16.34	-28.60	10.70	22.96	33.00	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.

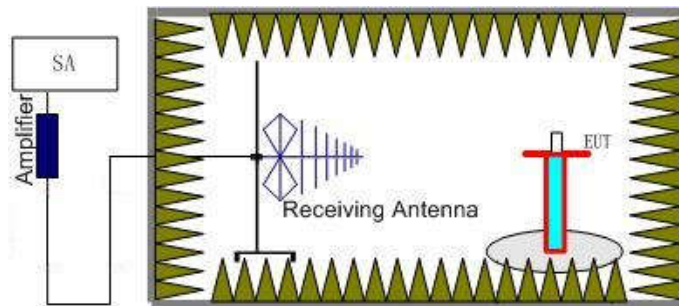
A.2.1 Measurement Method

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

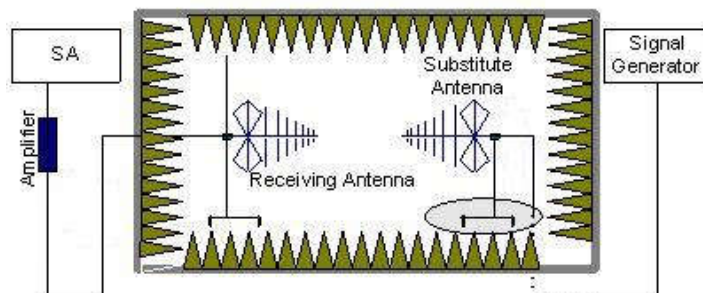
The spectrum was scanned from 30 MHz to the 10th harmonic of the highest frequency generated within the equipment, which is the transmitted carrier. The resolution bandwidth is set 1MHz as outlined in Part 22.917, 24.238, 27.53(h) and 90.691. The spectrum was scanned with the mobile station transmitting 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:
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
17000.00	-42.70	2.90	14.50	-31.10	-13.00	H
17129.00	-43.39	2.90	14.50	-31.79	-13.00	H
17265.50	-42.65	3.20	14.50	-31.35	-13.00	H
17522.00	-39.29	2.90	12.80	-29.39	-13.00	H
17527.50	-39.94	2.90	12.80	-30.04	-13.00	H
17838.50	-39.57	3.60	12.80	-30.37	-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
17002.00	-42.72	2.90	14.50	-31.12	-13.00	H
17094.00	-43.43	2.90	14.50	-31.83	-13.00	H
17247.50	-42.90	3.20	14.50	-31.60	-13.00	H
17482.00	-41.49	2.90	14.50	-29.89	-13.00	H
17612.00	-39.43	3.30	12.80	-29.93	-13.00	H
17742.00	-40.13	3.60	12.80	-30.93	-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
16944.50	-43.84	2.90	16.50	-30.24	-13.00	H
17125.00	-42.94	2.90	14.50	-31.34	-13.00	H
17226.50	-43.55	3.20	14.50	-32.25	-13.00	H
17518.50	-39.92	2.90	12.80	-30.02	-13.00	H
17579.00	-39.08	3.30	12.80	-29.58	-13.00	H
17840.00	-39.83	3.60	12.80	-30.63	-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
16425.50	-45.91	2.70	17.40	-31.21	-13.00	H
16942.50	-43.91	2.90	16.50	-30.31	-13.00	H
17305.00	-42.65	3.20	14.50	-31.35	-13.00	H
17507.50	-39.66	2.90	12.80	-29.76	-13.00	H
17616.50	-37.87	3.30	12.80	-28.37	-13.00	H
17830.00	-39.51	3.60	12.80	-30.31	-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
16962.00	-44.55	2.90	16.50	-30.95	-13.00	H
17193.00	-43.43	2.90	14.50	-31.83	-13.00	H
17295.50	-42.87	3.20	14.50	-31.57	-13.00	H
17457.00	-40.84	2.90	14.50	-29.24	-13.00	H
17620.00	-39.22	3.30	12.80	-29.72	-13.00	H
17832.50	-39.94	3.60	12.80	-30.74	-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
16942.00	-45.28	2.90	16.50	-31.68	-13.00	H
17126.50	-43.64	2.90	14.50	-32.04	-13.00	H
17366.00	-42.40	3.20	14.50	-31.10	-13.00	H
17506.00	-39.57	2.90	12.80	-29.67	-13.00	H
17575.00	-39.74	3.30	12.80	-30.24	-13.00	H
17770.00	-39.76	3.60	12.80	-30.56	-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
16979.00	-44.72	2.90	16.50	-31.12	-13.00	H
17206.50	-43.70	2.90	14.50	-32.10	-13.00	H
17304.50	-42.88	3.20	14.50	-31.58	-13.00	H
17492.50	-41.30	2.90	14.50	-29.70	-13.00	H
17582.50	-39.19	3.30	12.80	-29.69	-13.00	H
17738.50	-39.61	3.60	12.80	-30.41	-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
16960.00	-45.00	2.90	16.50	-31.40	-13.00	H
17188.50	-43.68	2.90	14.50	-32.08	-13.00	H
17298.50	-43.18	3.20	14.50	-31.88	-13.00	H
17504.50	-39.47	2.90	12.80	-29.57	-13.00	H
17574.00	-38.88	3.30	12.80	-29.38	-13.00	H
17783.50	-38.89	3.60	12.80	-29.69	-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
16999.00	-45.25	2.90	16.50	-31.65	-13.00	H
17193.00	-43.97	2.90	14.50	-32.37	-13.00	H
17350.50	-43.05	3.20	14.50	-31.75	-13.00	H
17433.50	-41.70	2.90	14.50	-30.10	-13.00	H
17529.00	-40.24	2.90	12.80	-30.34	-13.00	H
17688.00	-39.86	3.30	12.80	-30.36	-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
16480.50	-46.60	2.70	17.40	-31.90	-13.00	H
16975.50	-44.50	2.90	16.50	-30.90	-13.00	H
17334.50	-42.21	3.20	14.50	-30.91	-13.00	H
17503.50	-40.13	2.90	12.80	-30.23	-13.00	H
17569.50	-38.98	3.30	12.80	-29.48	-13.00	H
17766.50	-39.43	3.60	12.80	-30.23	-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
16938.00	-44.79	2.90	16.50	-31.19	-13.00	H
17161.00	-43.69	2.90	14.50	-32.09	-13.00	H
17274.00	-43.00	3.20	14.50	-31.70	-13.00	H
17522.00	-39.37	2.90	12.80	-29.47	-13.00	H
17576.50	-39.08	3.30	12.80	-29.58	-13.00	H
17777.50	-39.06	3.60	12.80	-29.86	-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
16938.00	-44.80	2.90	16.50	-31.20	-13.00	H
17199.50	-42.95	2.90	14.50	-31.35	-13.00	H
17368.50	-42.63	3.20	14.50	-31.33	-13.00	H
17458.00	-41.25	2.90	14.50	-29.65	-13.00	H
17583.50	-39.38	3.30	12.80	-29.88	-13.00	H
17804.00	-39.35	3.60	12.80	-30.15	-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
16965.50	-45.02	2.90	16.50	-31.42	-13.00	H
17106.00	-43.31	2.90	14.50	-31.71	-13.00	H
17294.00	-42.71	3.20	14.50	-31.41	-13.00	H
17469.50	-41.44	2.90	14.50	-29.84	-13.00	H
17611.00	-38.85	3.30	12.80	-29.35	-13.00	H
17840.00	-39.50	3.60	12.80	-30.30	-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
16942.00	-44.30	2.90	16.50	-30.70	-13.00	H
17188.00	-43.72	2.90	14.50	-32.12	-13.00	H
17300.50	-42.05	3.20	14.50	-30.75	-13.00	H
17397.50	-41.21	2.90	14.50	-29.61	-13.00	H
17573.00	-39.18	3.30	12.80	-29.68	-13.00	H
17704.50	-39.55	3.30	12.80	-30.05	-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
16974.00	-45.32	2.90	16.50	-31.72	-13.00	H
17214.50	-43.10	2.90	14.50	-31.50	-13.00	H
17273.00	-42.40	3.20	14.50	-31.10	-13.00	H
17447.50	-41.40	2.90	14.50	-29.80	-13.00	H
17577.50	-39.47	3.30	12.80	-29.97	-13.00	H
17776.50	-39.21	3.60	12.80	-30.01	-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
16937.50	-44.36	2.90	16.50	-30.76	-13.00	H
17212.00	-43.58	2.90	14.50	-31.98	-13.00	H
17277.00	-42.51	3.20	14.50	-31.21	-13.00	H
17500.50	-39.94	2.90	12.80	-30.04	-13.00	H
17620.00	-39.55	3.30	12.80	-30.05	-13.00	H
17827.50	-39.49	3.60	12.80	-30.29	-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
16957.00	-44.63	2.90	16.50	-31.03	-13.00	H
17124.00	-43.48	2.90	14.50	-31.88	-13.00	H
17368.50	-42.68	3.20	14.50	-31.38	-13.00	H
17498.50	-41.89	2.90	14.50	-30.29	-13.00	H
17526.00	-39.41	2.90	12.80	-29.51	-13.00	H
17817.50	-39.55	3.60	12.80	-30.35	-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
16975.00	-44.37	2.90	16.50	-30.77	-13.00	H
17188.00	-43.18	2.90	14.50	-31.58	-13.00	H
17365.50	-42.91	3.20	14.50	-31.61	-13.00	H
17403.50	-41.73	2.90	14.50	-30.13	-13.00	H
17529.50	-39.16	2.90	12.80	-29.26	-13.00	H
17827.50	-39.25	3.60	12.80	-30.05	-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
9089.50	-52.19	2.20	11.60	-44.94	-13.00	H
9102.25	-52.24	2.20	11.60	-44.99	-13.00	H
9224.25	-50.57	2.10	11.60	-43.22	-13.00	H
9304.75	-50.91	2.00	11.60	-43.46	-13.00	H
9370.25	-52.05	2.00	11.60	-44.60	-13.00	V
9465.25	-51.51	2.10	11.60	-44.16	-13.00	V

LTE Band 5, 1.4MHz, QPSK, Channel 20525

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
9153.50	-51.75	2.10	11.60	-44.40	-13.00	H
9224.00	-51.49	2.10	11.60	-44.14	-13.00	H
9300.75	-50.75	2.00	11.60	-43.30	-13.00	H
9417.25	-52.26	2.10	11.60	-44.91	-13.00	H
9475.75	-51.52	2.10	11.60	-44.17	-13.00	V
9678.75	-51.20	2.20	11.20	-44.35	-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
8481.75	-52.20	1.80	11.30	-44.85	-13.00	H
9099.25	-51.60	2.20	11.60	-44.35	-13.00	H
9102.75	-51.15	2.20	11.60	-43.90	-13.00	H
9225.00	-51.88	2.10	11.60	-44.53	-13.00	H
9300.00	-50.43	2.00	11.60	-42.98	-13.00	H
9469.75	-52.20	2.10	11.60	-44.85	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
9177.00	-51.68	2.10	11.60	-44.33	-13.00	V
9223.75	-50.98	2.10	11.60	-43.63	-13.00	H
9293.75	-51.07	2.00	11.60	-43.62	-13.00	H
9427.75	-51.98	2.10	11.60	-44.63	-13.00	H
9471.25	-52.19	2.10	11.60	-44.84	-13.00	V
9732.50	-51.62	2.20	11.20	-44.77	-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
9108.25	-51.51	2.10	11.60	-44.16	-13.00	H
9222.00	-51.70	2.10	11.60	-44.35	-13.00	H
9301.00	-51.16	2.00	11.60	-43.71	-13.00	H
9364.75	-52.12	2.00	11.60	-44.67	-13.00	H
9475.50	-51.35	2.10	11.60	-44.00	-13.00	V
9702.00	-51.85	2.20	11.20	-45.00	-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
7896.75	-52.05	1.70	11.30	-44.60	-13.00	H
9225.75	-51.84	2.10	11.60	-44.49	-13.00	H
9303.75	-51.55	2.00	11.60	-44.10	-13.00	H
9475.50	-50.72	2.10	11.60	-43.37	-13.00	V
9711.25	-51.40	2.20	11.20	-44.55	-13.00	H
9788.50	-50.99	2.30	11.20	-44.24	-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
8450.75	-52.08	1.80	11.30	-44.73	-13.00	H
9156.25	-51.29	2.10	11.60	-43.94	-13.00	H
9227.75	-51.05	2.10	11.60	-43.70	-13.00	H
9302.00	-51.00	2.00	11.60	-43.55	-13.00	H
9418.00	-51.80	2.10	11.60	-44.45	-13.00	H
9474.75	-51.71	2.10	11.60	-44.36	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
9095.00	-51.45	2.20	11.60	-44.20	-13.00	H
9100.50	-51.87	2.20	11.60	-44.62	-13.00	H
9223.50	-51.75	2.10	11.60	-44.40	-13.00	H
9299.25	-50.74	2.00	11.60	-43.29	-13.00	H
9423.50	-51.95	2.10	11.60	-44.60	-13.00	H
9475.25	-51.46	2.10	11.60	-44.11	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8467.50	-52.17	1.80	11.30	-44.82	-13.00	H
9150.25	-51.88	2.10	11.60	-44.53	-13.00	H
9225.25	-51.96	2.10	11.60	-44.61	-13.00	H
9302.75	-51.10	2.00	11.60	-43.65	-13.00	H
9426.50	-52.14	2.10	11.60	-44.79	-13.00	H
9474.25	-51.29	2.10	11.60	-43.94	-13.00	V

**LTE Band 7, 5MHz, QPSK, Channel 20775**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16999.00	-54.89	2.90	16.50	-41.29	-25.00	H
17183.00	-53.36	2.90	14.50	-41.76	-25.00	H
17359.50	-52.92	3.20	14.50	-41.62	-25.00	H
17458.00	-51.64	2.90	14.50	-40.04	-25.00	H
17589.50	-49.33	3.30	12.80	-39.83	-25.00	H
17772.50	-49.70	3.60	12.80	-40.50	-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
16947.00	-54.82	2.90	16.50	-41.22	-25.00	H
17183.00	-53.36	2.90	14.50	-41.76	-25.00	H
17277.00	-52.72	3.20	14.50	-41.42	-25.00	H
17459.50	-51.28	2.90	14.50	-39.68	-25.00	H
17593.50	-49.11	3.30	12.80	-39.61	-25.00	H
17774.50	-49.67	3.60	12.80	-40.47	-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
16983.00	-54.81	2.90	16.50	-41.21	-25.00	H
17108.50	-53.70	2.90	14.50	-42.10	-25.00	H
17232.00	-52.99	3.20	14.50	-41.69	-25.00	H
17508.00	-49.61	2.90	12.80	-39.71	-25.00	H
17527.00	-49.51	2.90	12.80	-39.61	-25.00	H
17825.50	-49.72	3.60	12.80	-40.52	-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
17004.50	-52.89	2.90	14.50	-41.29	-25.00	H
17128.50	-53.60	2.90	14.50	-42.00	-25.00	H
17344.50	-53.11	3.20	14.50	-41.81	-25.00	H
17524.00	-49.46	2.90	12.80	-39.56	-25.00	H
17574.50	-49.20	3.30	12.80	-39.70	-25.00	H
17840.00	-49.30	3.60	12.80	-40.10	-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
16983.50	-54.93	2.90	16.50	-41.33	-25.00	H
17120.50	-53.59	2.90	14.50	-41.99	-25.00	H
17285.50	-52.75	3.20	14.50	-41.45	-25.00	H
17506.50	-49.64	2.90	12.80	-39.74	-25.00	H
17615.50	-49.04	3.30	12.80	-39.54	-25.00	H
17839.50	-49.32	3.60	12.80	-40.12	-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
16960.50	-54.77	2.90	16.50	-41.17	-25.00	H
17127.00	-53.48	2.90	14.50	-41.88	-25.00	H
17364.50	-52.97	3.20	14.50	-41.67	-25.00	H
17510.00	-49.81	2.90	12.80	-39.91	-25.00	H
17588.00	-49.10	3.30	12.80	-39.60	-25.00	H
17840.00	-49.37	3.60	12.80	-40.17	-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
16958.50	-54.93	2.90	16.50	-41.33	-25.00	H
17120.00	-53.39	2.90	14.50	-41.79	-25.00	H
17297.00	-52.63	3.20	14.50	-41.33	-25.00	H
17507.50	-49.78	2.90	12.80	-39.88	-25.00	H
17625.00	-49.50	3.30	12.80	-40.00	-25.00	H
17833.50	-49.72	3.60	12.80	-40.52	-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
17002.50	-52.93	2.90	14.50	-41.33	-25.00	H
17209.50	-53.61	2.90	14.50	-42.01	-25.00	H
17283.00	-52.54	3.20	14.50	-41.24	-25.00	H
17462.50	-51.17	2.90	14.50	-39.57	-25.00	H
17620.50	-49.30	3.30	12.80	-39.80	-25.00	H
17839.50	-49.54	3.60	12.80	-40.34	-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
16951.50	-54.63	2.90	16.50	-41.03	-25.00	H
17193.50	-53.33	2.90	14.50	-41.73	-25.00	H
17268.50	-52.76	3.20	14.50	-41.46	-25.00	H
17505.00	-49.58	2.90	12.80	-39.68	-25.00	H
17596.00	-49.38	3.30	12.80	-39.88	-25.00	H
17824.00	-49.44	3.60	12.80	-40.24	-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
9100.00	-51.54	2.20	11.60	-44.29	-13.00	H
9226.75	-51.87	2.10	11.60	-44.52	-13.00	H
9299.00	-51.23	2.00	11.60	-43.78	-13.00	H
9370.25	-52.13	2.00	11.60	-44.68	-13.00	H
9475.00	-51.56	2.10	11.60	-44.21	-13.00	V
9740.25	-50.57	2.20	11.20	-43.72	-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
9096.50	-51.95	2.20	11.60	-44.70	-13.00	H
9210.25	-51.74	2.10	11.60	-44.39	-13.00	H
9300.75	-50.14	2.00	11.60	-42.69	-13.00	H
9421.25	-52.03	2.10	11.60	-44.68	-13.00	H
9475.00	-50.85	2.10	11.60	-43.50	-13.00	V
9733.50	-50.83	2.20	11.20	-43.98	-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
8729.50	-52.78	2.00	12.00	-44.93	-13.00	H
9106.25	-51.91	2.20	11.60	-44.66	-13.00	H
9226.25	-51.47	2.10	11.60	-44.12	-13.00	H
9293.25	-50.42	2.00	11.60	-42.97	-13.00	H
9477.00	-51.83	2.10	11.60	-44.48	-13.00	V
9741.75	-51.44	2.20	11.20	-44.59	-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
9089.00	-51.73	2.20	11.60	-44.48	-13.00	H
9225.75	-51.30	2.10	11.60	-43.95	-13.00	H
9297.50	-51.25	2.00	11.60	-43.80	-13.00	H
9425.75	-51.66	2.10	11.60	-44.31	-13.00	H
9475.50	-51.45	2.10	11.60	-44.10	-13.00	V
9577.50	-51.18	2.10	11.20	-44.23	-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
9223.75	-51.52	2.10	11.60	-44.17	-13.00	H
9301.25	-51.46	2.00	11.60	-44.01	-13.00	H
9422.75	-51.90	2.10	11.60	-44.55	-13.00	H
9475.00	-51.61	2.10	11.60	-44.26	-13.00	V
9755.50	-50.99	2.20	11.20	-44.14	-13.00	H
9786.75	-50.93	2.30	11.20	-44.18	-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
8449.25	-52.11	1.80	11.30	-44.76	-13.00	H
9226.00	-51.06	2.10	11.60	-43.71	-13.00	H
9300.50	-51.33	2.00	11.60	-43.88	-13.00	H
9419.50	-51.84	2.10	11.60	-44.49	-13.00	H
9478.25	-51.81	2.10	11.60	-44.46	-13.00	V
9733.75	-51.70	2.20	11.20	-44.85	-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
8848.25	-52.80	1.90	12.00	-44.85	-13.00	H
9105.25	-51.97	2.20	11.60	-44.72	-13.00	H
9224.75	-51.58	2.10	11.60	-44.23	-13.00	H
9300.00	-51.69	2.00	11.60	-44.24	-13.00	H
9426.50	-51.93	2.10	11.60	-44.58	-13.00	H
9470.25	-51.42	2.10	11.60	-44.07	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
9100.50	-51.96	2.20	11.60	-44.71	-13.00	H
9222.75	-51.03	2.10	11.60	-43.68	-13.00	H
9305.75	-50.77	2.00	11.60	-43.32	-13.00	H
9422.50	-51.51	2.10	11.60	-44.16	-13.00	H
9476.75	-51.06	2.10	11.60	-43.71	-13.00	V
9711.50	-51.29	2.20	11.20	-44.44	-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
9101.25	-51.80	2.20	11.60	-44.55	-13.00	H
9226.50	-51.10	2.10	11.60	-43.75	-13.00	H
9298.75	-51.30	2.00	11.60	-43.85	-13.00	H
9428.75	-51.43	2.10	11.60	-44.08	-13.00	H
9478.50	-51.67	2.10	11.60	-44.32	-13.00	V
9757.75	-50.70	2.20	11.20	-43.85	-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
1570.00	-59.45	0.70	8.10	-54.20	-40.00	V
9098.25	-51.28	2.20	11.60	-44.03	-13.00	H
9303.00	-50.62	2.00	11.60	-43.17	-13.00	H
9475.00	-50.61	2.10	11.60	-43.26	-13.00	V
9739.25	-50.88	2.20	11.20	-44.03	-13.00	H
9785.00	-50.92	2.30	11.20	-44.17	-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
1560.50	-59.40	0.70	8.10	-54.15	-40.00	V
9114.75	-51.62	2.10	11.60	-44.27	-13.00	V
9298.00	-50.37	2.00	11.60	-42.92	-13.00	H
9473.75	-50.54	2.10	11.60	-43.19	-13.00	V
9731.75	-51.03	2.20	11.20	-44.18	-13.00	H
9789.12	-51.71	2.30	11.20	-44.96	-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
1567.00	-60.32	0.70	8.10	-55.07	-40.00	V
8413.50	-51.69	1.80	11.30	-44.34	-13.00	H
9102.12	-51.51	2.20	11.60	-44.26	-13.00	H
9299.12	-50.01	2.00	11.60	-42.56	-13.00	H
9420.75	-50.13	2.10	11.60	-42.78	-13.00	H
9729.12	-50.80	2.20	11.20	-43.95	-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
1571.00	-59.43	0.70	8.10	-54.18	-40.00	V
9100.12	-51.28	2.20	11.60	-44.03	-13.00	H
9227.12	-50.41	2.10	11.60	-43.06	-13.00	H
9477.12	-50.71	2.10	11.60	-43.36	-13.00	V
9761.12	-51.13	2.20	11.20	-44.28	-13.00	H
9791.88	-50.67	2.30	11.20	-43.92	-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
1566.00	-59.77	0.70	8.10	-54.52	-40.00	V
9102.62	-51.63	2.20	11.60	-44.38	-13.00	H
9225.75	-50.22	2.10	11.60	-42.87	-13.00	H
9475.88	-50.21	2.10	11.60	-42.86	-13.00	V
9740.00	-50.54	2.20	11.20	-43.69	-13.00	H
9788.88	-51.25	2.30	11.20	-44.50	-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
1563.00	-59.50	0.70	8.10	-54.25	-40.00	V
9102.25	-51.01	2.20	11.60	-43.76	-13.00	H
9299.75	-50.28	2.00	11.60	-42.83	-13.00	H
9476.88	-51.18	2.10	11.60	-43.83	-13.00	V
9731.75	-50.94	2.20	11.20	-44.09	-13.00	H
9785.25	-50.72	2.30	11.20	-43.97	-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
1567.50	-59.96	0.70	8.10	-54.71	-40.00	V
9098.75	-51.41	2.20	11.60	-44.16	-13.00	H
9304.25	-50.07	2.00	11.60	-42.62	-13.00	H
9473.00	-50.59	2.10	11.60	-43.24	-13.00	V
9745.88	-51.28	2.20	11.20	-44.43	-13.00	H
9794.62	-51.03	2.30	11.20	-44.28	-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
1567.50	-60.18	0.70	8.10	-54.93	-40.00	V
9102.75	-51.58	2.20	11.60	-44.33	-13.00	H
9155.50	-50.67	2.10	11.60	-43.32	-13.00	H
9473.88	-51.12	2.10	11.60	-43.77	-13.00	V
9734.00	-50.46	2.20	11.20	-43.61	-13.00	H
9804.25	-49.82	2.30	11.20	-43.07	-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
1573.50	-59.93	0.70	8.10	-54.68	-40.00	V
9100.88	-51.64	2.20	11.60	-44.39	-13.00	H
9309.88	-50.54	2.00	11.60	-43.09	-13.00	H
9475.00	-50.28	2.10	11.60	-42.93	-13.00	V
9722.75	-50.95	2.20	11.20	-44.10	-13.00	H
9781.12	-51.72	2.30	11.20	-44.97	-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
9094.75	-51.24	2.20	11.60	-43.99	-13.00	H
9227.00	-51.67	2.10	11.60	-44.32	-13.00	H
9298.25	-50.54	2.00	11.60	-43.09	-13.00	H
9412.75	-52.26	2.10	11.60	-44.91	-13.00	H
9473.25	-50.57	2.10	11.60	-43.22	-13.00	V
9739.75	-51.68	2.20	11.20	-44.83	-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
8806.25	-52.65	1.90	12.00	-44.70	-13.00	V
9166.50	-51.79	2.10	11.60	-44.44	-13.00	H
9300.75	-50.55	2.00	11.60	-43.10	-13.00	H
9431.00	-52.02	2.10	11.60	-44.67	-13.00	H
9478.50	-51.45	2.10	11.60	-44.10	-13.00	V
9751.50	-51.03	2.20	11.20	-44.18	-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
9097.25	-51.52	2.20	11.60	-44.27	-13.00	H
9226.50	-51.63	2.10	11.60	-44.28	-13.00	H
9297.75	-50.89	2.00	11.60	-43.44	-13.00	H
9366.75	-51.88	2.00	11.60	-44.43	-13.00	V
9465.00	-51.14	2.10	11.60	-43.79	-13.00	V
9728.25	-50.98	2.20	11.20	-44.13	-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
8581.75	-52.90	2.00	12.00	-45.05	-13.00	H
9099.50	-50.84	2.20	11.60	-43.59	-13.00	H
9218.75	-51.75	2.10	11.60	-44.40	-13.00	H
9299.75	-50.90	2.00	11.60	-43.45	-13.00	H
9432.25	-51.95	2.10	11.60	-44.60	-13.00	H
9474.50	-50.59	2.10	11.60	-43.24	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8374.75	-52.49	1.80	11.30	-45.14	-13.00	H
9224.75	-51.79	2.10	11.60	-44.44	-13.00	H
9304.25	-50.85	2.00	11.60	-43.40	-13.00	H
9425.25	-52.38	2.10	11.60	-45.03	-13.00	H
9476.75	-50.62	2.10	11.60	-43.27	-13.00	V
9757.00	-50.67	2.20	11.20	-43.82	-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
9102.75	-51.54	2.20	11.60	-44.29	-13.00	H
9154.00	-50.98	2.10	11.60	-43.63	-13.00	H
9303.50	-50.96	2.00	11.60	-43.51	-13.00	H
9425.25	-51.54	2.10	11.60	-44.19	-13.00	H
9475.00	-51.49	2.10	11.60	-44.14	-13.00	V
9730.25	-51.22	2.20	11.20	-44.37	-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
9100.25	-51.69	2.20	11.60	-44.44	-13.00	H
9224.75	-51.29	2.10	11.60	-43.94	-13.00	H
9298.25	-51.27	2.00	11.60	-43.82	-13.00	H
9378.75	-51.55	2.00	11.60	-44.10	-13.00	V
9475.75	-51.01	2.10	11.60	-43.66	-13.00	V
9753.75	-51.44	2.20	11.20	-44.59	-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
7994.25	-52.03	1.90	11.30	-44.78	-13.00	V
8459.75	-52.26	1.80	11.30	-44.91	-13.00	H
9224.75	-51.12	2.10	11.60	-43.77	-13.00	H
9293.50	-51.09	2.00	11.60	-43.64	-13.00	H
9366.75	-52.22	2.00	11.60	-44.77	-13.00	V
9470.00	-51.64	2.10	11.60	-44.29	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7951.25	-51.91	1.90	11.30	-44.66	-13.00	H
9218.50	-50.55	2.10	11.60	-43.20	-13.00	H
9309.50	-50.94	2.00	11.60	-43.49	-13.00	H
9435.75	-51.91	2.10	11.60	-44.56	-13.00	H
9475.25	-52.11	2.10	11.60	-44.76	-13.00	V
9745.25	-51.70	2.20	11.20	-44.85	-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
8409.75	-51.82	1.80	11.30	-44.47	-13.00	H
9222.75	-50.80	2.10	11.60	-43.45	-13.00	H
9299.75	-51.38	2.00	11.60	-43.93	-13.00	H
9426.75	-51.65	2.10	11.60	-44.30	-13.00	H
9476.25	-50.80	2.10	11.60	-43.45	-13.00	V
9676.50	-51.73	2.20	11.20	-44.88	-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
9100.00	-52.14	2.20	11.60	-44.89	-13.00	H
9223.00	-50.46	2.10	11.60	-43.11	-13.00	H
9304.00	-51.33	2.00	11.60	-43.88	-13.00	H
9418.75	-52.18	2.10	11.60	-44.83	-13.00	H
9476.50	-51.92	2.10	11.60	-44.57	-13.00	V
9741.00	-51.27	2.20	11.20	-44.42	-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
8429.25	-52.37	1.80	11.30	-45.02	-13.00	H
9097.00	-52.55	2.20	11.60	-45.30	-13.00	H
9223.50	-51.07	2.10	11.60	-43.72	-13.00	H
9300.75	-51.47	2.00	11.60	-44.02	-13.00	H
9474.00	-51.77	2.10	11.60	-44.42	-13.00	V
9718.25	-51.74	2.20	11.20	-44.89	-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
9102.75	-52.28	2.20	11.60	-45.03	-13.00	H
9226.25	-51.33	2.10	11.60	-43.98	-13.00	H
9301.50	-50.93	2.00	11.60	-43.48	-13.00	H
9422.00	-51.99	2.10	11.60	-44.64	-13.00	H
9475.50	-51.31	2.10	11.60	-43.96	-13.00	V
9713.75	-51.35	2.20	11.20	-44.50	-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
9097.50	-52.53	2.20	11.60	-45.28	-13.00	H
9101.25	-51.60	2.20	11.60	-44.35	-13.00	H
9222.50	-51.38	2.10	11.60	-44.03	-13.00	H
9307.25	-50.90	2.00	11.60	-43.45	-13.00	H
9473.25	-51.51	2.10	11.60	-44.16	-13.00	V
9652.25	-51.88	2.10	11.20	-44.93	-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
8473.00	-52.09	1.80	11.30	-44.74	-13.00	H
9100.25	-50.20	2.20	11.60	-42.95	-13.00	H
9219.25	-51.46	2.10	11.60	-44.11	-13.00	H
9296.00	-51.75	2.00	11.60	-44.30	-13.00	H
9425.75	-52.00	2.10	11.60	-44.65	-13.00	H
9469.00	-51.34	2.10	11.60	-43.99	-13.00	V

**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
9093.50	-52.03	2.20	11.60	-44.78	-13.00	H
9100.50	-51.99	2.20	11.60	-44.74	-13.00	H
9219.50	-51.85	2.10	11.60	-44.50	-13.00	H
9292.75	-51.30	2.00	11.60	-43.85	-13.00	H
9470.50	-51.97	2.10	11.60	-44.62	-13.00	V
9717.50	-51.87	2.20	11.20	-45.02	-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
7203.00	-52.49	1.80	12.00	-44.44	-13.00	V
9098.25	-52.01	2.20	11.60	-44.76	-13.00	H
9107.25	-51.46	2.10	11.60	-44.11	-13.00	H
9223.00	-50.53	2.10	11.60	-43.18	-13.00	H
9309.50	-51.22	2.00	11.60	-43.77	-13.00	H
9477.25	-50.12	2.10	11.60	-42.77	-13.00	V

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
8410.50	-51.79	1.80	11.30	-44.44	-13.00	H
9144.00	-52.11	2.10	11.60	-44.76	-13.00	H
9224.50	-50.11	2.10	11.60	-42.76	-13.00	H
9303.75	-50.79	2.00	11.60	-43.34	-13.00	H
9361.25	-52.25	2.00	11.60	-44.80	-13.00	V
9475.00	-51.58	2.10	11.60	-44.23	-13.00	V

**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
9100.00	-51.23	2.20	11.60	-43.98	-13.00	H
9223.50	-50.51	2.10	11.60	-43.16	-13.00	H
9299.50	-51.43	2.00	11.60	-43.98	-13.00	H
9437.25	-52.32	2.10	11.60	-44.97	-13.00	H
9473.50	-51.38	2.10	11.60	-44.03	-13.00	V
9737.50	-51.07	2.20	11.20	-44.22	-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
8722.50	-52.90	2.00	12.00	-45.05	-13.00	H
9102.25	-52.34	2.20	11.60	-45.09	-13.00	H
9224.00	-51.09	2.10	11.60	-43.74	-13.00	H
9305.00	-51.68	2.00	11.60	-44.23	-13.00	H
9425.50	-52.20	2.10	11.60	-44.85	-13.00	H
9474.00	-51.74	2.10	11.60	-44.39	-13.00	V

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
9113.00	-52.32	2.10	11.60	-44.97	-13.00	H
9225.50	-50.51	2.10	11.60	-43.16	-13.00	H
9295.75	-51.50	2.00	11.60	-44.05	-13.00	H
9370.00	-52.13	2.00	11.60	-44.68	-13.00	V
9466.50	-51.34	2.10	11.60	-43.99	-13.00	V
9666.00	-51.96	2.10	11.20	-45.01	-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
8438.00	-52.02	1.80	11.30	-44.67	-13.00	H
9095.00	-52.01	2.20	11.60	-44.76	-13.00	H
9147.75	-51.69	2.10	11.60	-44.34	-13.00	H
9230.25	-50.74	2.10	11.60	-43.39	-13.00	H
9311.00	-51.19	2.00	11.60	-43.74	-13.00	H
9424.50	-51.78	2.10	11.60	-44.43	-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
8861.25	-52.54	1.90	12.00	-44.59	-13.00	H
9158.25	-52.18	2.10	11.60	-44.83	-13.00	H
9217.25	-51.75	2.10	11.60	-44.40	-13.00	H
9296.00	-51.84	2.00	11.60	-44.39	-13.00	H
9425.00	-51.22	2.10	11.60	-43.87	-13.00	H
9474.50	-51.12	2.10	11.60	-43.77	-13.00	V

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
9155.75	-52.24	2.10	11.60	-44.89	-13.00	H
9223.50	-51.21	2.10	11.60	-43.86	-13.00	H
9304.50	-51.82	2.00	11.60	-44.37	-13.00	H
9422.25	-52.08	2.10	11.60	-44.73	-13.00	H
9475.50	-51.28	2.10	11.60	-43.93	-13.00	V
9804.00	-51.51	2.30	11.20	-44.76	-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
8425.00	-51.69	1.80	11.30	-44.34	-13.00	V
9107.25	-52.25	2.10	11.60	-44.90	-13.00	H
9219.25	-51.61	2.10	11.60	-44.26	-13.00	H
9295.75	-51.06	2.00	11.60	-43.61	-13.00	H
9424.25	-52.46	2.10	11.60	-45.11	-13.00	H
9470.50	-50.98	2.10	11.60	-43.63	-13.00	V

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
8527.50	-52.50	2.10	12.00	-44.75	-13.00	H
9098.75	-51.84	2.20	11.60	-44.59	-13.00	H
9225.00	-51.27	2.10	11.60	-43.92	-13.00	H
9299.50	-51.72	2.00	11.60	-44.27	-13.00	H
9472.75	-51.57	2.10	11.60	-44.22	-13.00	V
9719.75	-51.51	2.20	11.20	-44.66	-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
7996.25	-52.24	1.90	11.30	-44.99	-13.00	V
8409.50	-52.44	1.80	11.30	-45.09	-13.00	H
9098.00	-52.33	2.20	11.60	-45.08	-13.00	H
9153.00	-51.94	2.10	11.60	-44.59	-13.00	H
9224.75	-51.47	2.10	11.60	-44.12	-13.00	H
9304.00	-51.04	2.00	11.60	-43.59	-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
16987.00	-54.59	2.90	16.50	-40.99	-25.00	H
17195.00	-53.54	2.90	14.50	-41.94	-25.00	H
17281.00	-52.61	3.20	14.50	-41.31	-25.00	H
17455.00	-51.23	2.90	14.50	-39.63	-25.00	H
17527.00	-49.69	2.90	12.80	-39.79	-25.00	H
17838.50	-49.71	3.60	12.80	-40.51	-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
10439.50	-50.65	2.30	11.30	-41.65	-25.00	V
16950.50	-54.69	2.90	16.50	-41.09	-25.00	H
17361.00	-52.95	3.20	14.50	-41.65	-25.00	H
17448.50	-51.64	2.90	14.50	-40.04	-25.00	H
17626.00	-49.36	3.30	12.80	-39.86	-25.00	H
17767.00	-49.84	3.60	12.80	-40.64	-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
16984.00	-54.43	2.90	16.50	-40.83	-25.00	H
17210.00	-53.50	2.90	14.50	-41.90	-25.00	H
17301.00	-52.55	3.20	14.50	-41.25	-25.00	H
17460.50	-51.57	2.90	14.50	-39.97	-25.00	H
17594.50	-49.34	3.30	12.80	-39.84	-25.00	H
17834.50	-49.47	3.60	12.80	-40.27	-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
17000.50	-52.79	2.90	14.50	-41.19	-25.00	H
17108.50	-53.48	2.90	14.50	-41.88	-25.00	H
17295.00	-52.16	3.20	14.50	-40.86	-25.00	H
17442.00	-51.41	2.90	14.50	-39.81	-25.00	H
17612.00	-49.19	3.30	12.80	-39.69	-25.00	H
17833.50	-49.59	3.60	12.80	-40.39	-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
16998.00	-54.78	2.90	16.50	-41.18	-25.00	H
17095.00	-53.51	2.90	14.50	-41.91	-25.00	H
17285.00	-52.86	3.20	14.50	-41.56	-25.00	H
17523.50	-49.92	2.90	12.80	-40.02	-25.00	H
17594.50	-49.18	3.30	12.80	-39.68	-25.00	H
17838.50	-49.41	3.60	12.80	-40.21	-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
16933.00	-54.74	2.90	16.50	-41.14	-25.00	H
17197.50	-53.70	2.90	14.50	-42.10	-25.00	H
17368.00	-52.86	3.20	14.50	-41.56	-25.00	H
17524.50	-49.53	2.90	12.80	-39.63	-25.00	H
17613.00	-49.03	3.30	12.80	-39.53	-25.00	H
17832.50	-49.62	3.60	12.80	-40.42	-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
16935.50	-54.85	2.90	16.50	-41.25	-25.00	H
17173.00	-53.38	2.90	14.50	-41.78	-25.00	H
17295.00	-52.51	3.20	14.50	-41.21	-25.00	H
17409.50	-51.12	2.90	14.50	-39.52	-25.00	H
17596.50	-49.47	3.30	12.80	-39.97	-25.00	H
17838.00	-49.64	3.60	12.80	-40.44	-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
16955.50	-54.50	2.90	16.50	-40.90	-25.00	H
17211.50	-53.55	2.90	14.50	-41.95	-25.00	H
17351.50	-52.71	3.20	14.50	-41.41	-25.00	H
17502.50	-49.64	2.90	12.80	-39.74	-25.00	H
17625.00	-49.58	3.30	12.80	-40.08	-25.00	H
17840.00	-49.49	3.60	12.80	-40.29	-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
16960.50	-54.76	2.90	16.50	-41.16	-25.00	H
17213.50	-53.68	2.90	14.50	-42.08	-25.00	H
17298.00	-52.86	3.20	14.50	-41.56	-25.00	H
17414.50	-51.08	2.90	14.50	-39.48	-25.00	H
17593.00	-49.43	3.30	12.80	-39.93	-25.00	H
17834.50	-49.63	3.60	12.80	-40.43	-25.00	H

**LTE Band 41, 5MHz, QPSK, Channel 39675**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16966.50	-54.78	2.90	16.50	-41.18	-25.00	H
17136.00	-53.59	2.90	14.50	-41.99	-25.00	H
17298.00	-53.15	3.20	14.50	-41.85	-25.00	H
17506.50	-49.31	2.90	12.80	-39.41	-25.00	H
17588.00	-49.31	3.30	12.80	-39.81	-25.00	H
17834.50	-49.51	3.60	12.80	-40.31	-25.00	H

LTE Band 41, 5MHz, QPSK, Channel 40620

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16961.00	-55.03	2.90	16.50	-41.43	-25.00	H
17121.50	-53.22	2.90	14.50	-41.62	-25.00	H
17283.00	-52.92	3.20	14.50	-41.62	-25.00	H
17450.50	-51.50	2.90	14.50	-39.90	-25.00	H
17610.00	-49.28	3.30	12.80	-39.78	-25.00	H
17820.50	-49.43	3.60	12.80	-40.23	-25.00	H

LTE Band 41, 5MHz, QPSK, Channel 41565

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16999.00	-54.89	2.90	16.50	-41.29	-25.00	H
17185.00	-53.53	2.90	14.50	-41.93	-25.00	H
17299.00	-52.70	3.20	14.50	-41.40	-25.00	H
17507.00	-49.90	2.90	12.80	-40.00	-25.00	H
17594.50	-49.27	3.30	12.80	-39.77	-25.00	H
17840.00	-49.48	3.60	12.80	-40.28	-25.00	H

**LTE Band 41, 5MHz, 16QAM, Channel 39675**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16951.50	-54.58	2.90	16.50	-40.98	-25.00	H
17207.50	-53.62	2.90	14.50	-42.02	-25.00	H
17281.00	-52.84	3.20	14.50	-41.54	-25.00	H
17515.50	-49.84	2.90	12.80	-39.94	-25.00	H
17593.50	-49.25	3.30	12.80	-39.75	-25.00	H
17840.00	-49.49	3.60	12.80	-40.29	-25.00	H

LTE Band 41, 5MHz, 16QAM, Channel 40620

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16982.50	-54.89	2.90	16.50	-41.29	-25.00	H
17114.00	-53.34	2.90	14.50	-41.74	-25.00	H
17366.50	-52.95	3.20	14.50	-41.65	-25.00	H
17522.50	-49.71	2.90	12.80	-39.81	-25.00	H
17577.00	-49.33	3.30	12.80	-39.83	-25.00	H
17817.50	-49.43	3.60	12.80	-40.23	-25.00	H

LTE Band 41, 5MHz, 16QAM, Channel 41565

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16954.00	-54.67	2.90	16.50	-41.07	-25.00	H
17200.00	-53.28	2.90	14.50	-41.68	-25.00	H
17283.00	-52.66	3.20	14.50	-41.36	-25.00	H
17515.50	-49.78	2.90	12.80	-39.88	-25.00	H
17568.00	-49.13	3.30	12.80	-39.63	-25.00	H
17839.00	-49.38	3.60	12.80	-40.18	-25.00	H

**LTE Band 41, 5MHz, 64QAM, Channel 39675**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16983.00	-54.74	2.90	16.50	-41.14	-25.00	H
17210.00	-53.33	2.90	14.50	-41.73	-25.00	H
17285.00	-52.98	3.20	14.50	-41.68	-25.00	H
17451.50	-51.26	2.90	14.50	-39.66	-25.00	H
17574.50	-49.39	3.30	12.80	-39.89	-25.00	H
17838.00	-49.67	3.60	12.80	-40.47	-25.00	H

LTE Band 41, 5MHz, 64QAM, Channel 40620

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16995.50	-54.77	2.90	16.50	-41.17	-25.00	H
17117.50	-53.69	2.90	14.50	-42.09	-25.00	H
17363.00	-52.85	3.20	14.50	-41.55	-25.00	H
17444.50	-51.68	2.90	14.50	-40.08	-25.00	H
17527.00	-49.67	2.90	12.80	-39.77	-25.00	H
17833.50	-49.66	3.60	12.80	-40.46	-25.00	H

LTE Band 41, 5MHz, 64QAM, Channel 41565

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16983.00	-54.72	2.90	16.50	-41.12	-25.00	H
17163.00	-53.61	2.90	14.50	-42.01	-25.00	H
17283.50	-52.92	3.20	14.50	-41.62	-25.00	H
17520.50	-49.53	2.90	12.80	-39.63	-25.00	H
17592.00	-49.03	3.30	12.80	-39.53	-25.00	H
17833.50	-49.64	3.60	12.80	-40.44	-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
16996.00	-44.29	2.90	16.50	-30.69	-13.00	H
17169.00	-43.97	2.90	14.50	-32.37	-13.00	H
17274.00	-43.05	3.20	14.50	-31.75	-13.00	H
17503.00	-39.45	2.90	12.80	-29.55	-13.00	H
17575.00	-38.98	3.30	12.80	-29.48	-13.00	H
17782.00	-40.04	3.60	12.80	-30.84	-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
16951.50	-44.24	2.90	16.50	-30.64	-13.00	H
17121.00	-43.91	2.90	14.50	-32.31	-13.00	H
17286.00	-43.30	3.20	14.50	-32.00	-13.00	H
17456.00	-41.81	2.90	14.50	-30.21	-13.00	H
17566.50	-39.60	3.30	12.80	-30.10	-13.00	H
17821.50	-39.55	3.60	12.80	-30.35	-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
16976.50	-44.88	2.90	16.50	-31.28	-13.00	H
17141.50	-43.33	2.90	14.50	-31.73	-13.00	H
17366.50	-42.19	3.20	14.50	-30.89	-13.00	H
17418.00	-41.23	2.90	14.50	-29.63	-13.00	H
17532.50	-40.21	2.90	12.80	-30.31	-13.00	H
17839.00	-39.94	3.60	12.80	-30.74	-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
16949.50	-45.11	2.90	16.50	-31.51	-13.00	H
17212.50	-42.56	2.90	14.50	-30.96	-13.00	H
17223.50	-42.54	3.20	14.50	-31.24	-13.00	H
17485.50	-41.61	2.90	14.50	-30.01	-13.00	H
17611.50	-39.18	3.30	12.80	-29.68	-13.00	H
17839.00	-39.11	3.60	12.80	-29.91	-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
16968.00	-45.27	2.90	16.50	-31.67	-13.00	H
17134.00	-43.09	2.90	14.50	-31.49	-13.00	H
17303.50	-42.99	3.20	14.50	-31.69	-13.00	H
17444.00	-40.90	2.90	14.50	-29.30	-13.00	H
17612.50	-39.34	3.30	12.80	-29.84	-13.00	H
17790.00	-39.02	3.60	12.80	-29.82	-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
16949.00	-44.54	2.90	16.50	-30.94	-13.00	H
17190.50	-43.46	2.90	14.50	-31.86	-13.00	H
17367.00	-42.98	3.20	14.50	-31.68	-13.00	H
17463.50	-40.57	2.90	14.50	-28.97	-13.00	H
17581.00	-39.25	3.30	12.80	-29.75	-13.00	H
17825.00	-39.60	3.60	12.80	-30.40	-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
16959.50	-44.41	2.90	16.50	-30.81	-13.00	H
17126.50	-44.04	2.90	14.50	-32.44	-13.00	H
17368.00	-41.52	3.20	14.50	-30.22	-13.00	H
17518.50	-39.77	2.90	12.80	-29.87	-13.00	H
17620.50	-39.48	3.30	12.80	-29.98	-13.00	H
17804.50	-39.96	3.60	12.80	-30.76	-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
16987.00	-44.10	2.90	16.50	-30.50	-13.00	H
17129.00	-43.70	2.90	14.50	-32.10	-13.00	H
17354.50	-42.59	3.20	14.50	-31.29	-13.00	H
17462.00	-40.66	2.90	14.50	-29.06	-13.00	H
17525.50	-39.02	2.90	12.80	-29.12	-13.00	H
17839.50	-39.93	3.60	12.80	-30.73	-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
16984.50	-44.73	2.90	16.50	-31.13	-13.00	H
17211.50	-43.46	2.90	14.50	-31.86	-13.00	H
17263.50	-43.07	3.20	14.50	-31.77	-13.00	H
17440.00	-41.52	2.90	14.50	-29.92	-13.00	H
17619.00	-39.37	3.30	12.80	-29.87	-13.00	H
17823.50	-40.13	3.60	12.80	-30.93	-13.00	H

**LTE CA_7C, 20MHz+20MHz, QPSK, Channel 20850+21048**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16948.50	-55.13	2.90	16.50	-43.68	-25.00	H
17211.50	-53.45	2.90	14.50	-44.00	-25.00	H
17368.50	-53.03	3.20	14.50	-43.88	-25.00	H
17506.50	-49.87	2.90	12.80	-42.12	-25.00	H
17578.50	-49.31	3.30	12.80	-41.96	-25.00	H
17778.00	-49.53	3.60	12.80	-42.48	-25.00	H

LTE CA_7C, 20MHz+20MHz, QPSK, Channel 21001+21199

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16975.00	-54.67	2.90	16.50	-43.22	-25.00	H
17125.50	-53.56	2.90	14.50	-44.11	-25.00	H
17268.00	-52.84	3.20	14.50	-43.69	-25.00	H
17505.50	-49.94	2.90	12.80	-42.19	-25.00	H
17591.50	-49.27	3.30	12.80	-41.92	-25.00	H
17835.50	-49.58	3.60	12.80	-42.53	-25.00	H

LTE CA_7C, 20MHz+20MHz, QPSK, Channel 21152+21350

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16983.00	-54.69	2.90	16.50	-43.24	-25.00	H
17186.50	-53.51	2.90	14.50	-44.06	-25.00	H
17293.00	-52.88	3.20	14.50	-43.73	-25.00	H
17503.50	-49.84	2.90	12.80	-42.09	-25.00	H
17617.50	-49.47	3.30	12.80	-42.12	-25.00	H
17839.00	-49.63	3.60	12.80	-42.58	-25.00	H

**LTE CA_7C, 20MHz+20MHz, 16QAM, Channel 20850+21048**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16970.00	-54.84	2.90	16.50	-43.39	-25.00	H
17121.50	-53.02	2.90	14.50	-43.57	-25.00	H
17299.50	-52.95	3.20	14.50	-43.80	-25.00	H
17456.50	-51.62	2.90	14.50	-42.17	-25.00	H
17589.50	-49.24	3.30	12.80	-41.89	-25.00	H
17839.00	-49.70	3.60	12.80	-42.65	-25.00	H

LTE CA_7C, 20MHz+20MHz, 16QAM, Channel 21001+21199

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16939.00	-54.80	2.90	16.50	-43.35	-25.00	H
17114.50	-53.48	2.90	14.50	-44.03	-25.00	H
17297.00	-52.96	3.20	14.50	-43.81	-25.00	H
17434.00	-51.41	2.90	14.50	-41.96	-25.00	H
17526.50	-49.81	2.90	12.80	-42.06	-25.00	H
17840.00	-49.90	3.60	12.80	-42.85	-25.00	H

LTE CA_7C, 20MHz+20MHz, 16QAM, Channel 21152+21350

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16978.00	-54.81	2.90	16.50	-43.36	-25.00	H
17203.00	-53.75	2.90	14.50	-44.30	-25.00	H
17299.00	-52.81	3.20	14.50	-43.66	-25.00	H
17450.00	-51.42	2.90	14.50	-41.97	-25.00	H
17619.00	-49.47	3.30	12.80	-42.12	-25.00	H
17774.50	-49.61	3.60	12.80	-42.56	-25.00	H

**LTE CA_7C, 20MHz+20MHz, 64QAM, Channel 20850+21048**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16938.00	-54.99	2.90	16.50	-43.54	-25.00	H
17183.50	-53.45	2.90	14.50	-44.00	-25.00	H
17274.50	-53.04	3.20	14.50	-43.89	-25.00	H
17451.50	-51.41	2.90	14.50	-41.96	-25.00	H
17617.00	-49.49	3.30	12.80	-42.14	-25.00	H
17835.50	-49.57	3.60	12.80	-42.52	-25.00	H

LTE CA_7C, 20MHz+20MHz, 64QAM, Channel 21001+21199

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16959.50	-54.69	2.90	16.50	-43.24	-25.00	H
17211.50	-53.63	2.90	14.50	-44.18	-25.00	H
17290.00	-52.99	3.20	14.50	-43.84	-25.00	H
17458.50	-51.44	2.90	14.50	-41.99	-25.00	H
17601.50	-49.37	3.30	12.80	-42.02	-25.00	H
17835.50	-49.35	3.60	12.80	-42.30	-25.00	H

LTE CA_7C, 20MHz+20MHz, 64QAM, Channel 21152+21350

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16983.00	-55.09	2.90	16.50	-43.64	-25.00	H
17170.50	-53.71	2.90	14.50	-44.26	-25.00	H
17368.00	-53.15	3.20	14.50	-44.00	-25.00	H
17461.00	-51.44	2.90	14.50	-41.99	-25.00	H
17619.50	-49.32	3.30	12.80	-41.97	-25.00	H
17769.00	-49.97	3.60	12.80	-42.92	-25.00	H

**LTE CA_38C, 20MHz+20MHz, QPSK, Channel 37850+38048**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16940.50	-54.93	2.90	16.50	-41.33	-25.00	H
17193.00	-53.75	2.90	14.50	-42.15	-25.00	H
17279.00	-53.01	3.20	14.50	-41.71	-25.00	H
17515.50	-49.61	2.90	12.80	-39.71	-25.00	H
17615.50	-49.24	3.30	12.80	-39.74	-25.00	H
17818.50	-49.65	3.60	12.80	-40.45	-25.00	H

LTE CA_38C, 20MHz+20MHz, QPSK, Channel 37901+38099

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16999.00	-54.51	2.90	16.50	-40.91	-25.00	H
17210.00	-53.71	2.90	14.50	-42.11	-25.00	H
17366.50	-53.17	3.20	14.50	-41.87	-25.00	H
17521.00	-50.02	2.90	12.80	-40.12	-25.00	H
17588.00	-49.35	3.30	12.80	-39.85	-25.00	H
17780.00	-49.64	3.60	12.80	-40.44	-25.00	H

LTE CA_38C, 20MHz+20MHz, QPSK, Channel 37952+38150

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16959.50	-54.97	2.90	16.50	-41.37	-25.00	H
17209.00	-53.28	2.90	14.50	-41.68	-25.00	H
17281.00	-53.05	3.20	14.50	-41.75	-25.00	H
17458.50	-51.52	2.90	14.50	-39.92	-25.00	H
17599.00	-49.42	3.30	12.80	-39.92	-25.00	H
17838.50	-49.87	3.60	12.80	-40.67	-25.00	H

**LTE CA_38C, 20MHz+20MHz, 16QAM, Channel 37850+38048**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16960.50	-54.94	2.90	16.50	-41.34	-25.00	H
17124.00	-53.47	2.90	14.50	-41.87	-25.00	H
17277.50	-52.90	3.20	14.50	-41.60	-25.00	H
17503.50	-49.84	2.90	12.80	-39.94	-25.00	H
17611.00	-49.43	3.30	12.80	-39.93	-25.00	H
17836.00	-49.59	3.60	12.80	-40.39	-25.00	H

LTE CA_38C, 20MHz+20MHz, 16QAM, Channel 37901+38099

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16999.50	-54.81	2.90	16.50	-41.21	-25.00	H
17125.50	-53.52	2.90	14.50	-41.92	-25.00	H
17297.00	-52.87	3.20	14.50	-41.57	-25.00	H
17510.00	-49.91	2.90	12.80	-40.01	-25.00	H
17624.00	-49.38	3.30	12.80	-39.88	-25.00	H
17839.00	-49.40	3.60	12.80	-40.20	-25.00	H

LTE CA_38C, 20MHz+20MHz, 16QAM, Channel 37952+38150

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16972.50	-54.84	2.90	16.50	-41.24	-25.00	H
17125.00	-53.74	2.90	14.50	-42.14	-25.00	H
17367.00	-52.94	3.20	14.50	-41.64	-25.00	H
17503.50	-49.97	2.90	12.80	-40.07	-25.00	H
17598.50	-49.20	3.30	12.80	-39.70	-25.00	H
17840.00	-49.25	3.60	12.80	-40.05	-25.00	H

**LTE CA_38C, 20MHz+20MHz, 64QAM, Channel 37850+38048**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16992.00	-54.64	2.90	16.50	-41.04	-25.00	H
17130.50	-53.77	2.90	14.50	-42.17	-25.00	H
17362.50	-53.09	3.20	14.50	-41.79	-25.00	H
17453.00	-51.76	2.90	14.50	-40.16	-25.00	H
17596.50	-49.55	3.30	12.80	-40.05	-25.00	H
17839.00	-49.57	3.60	12.80	-40.37	-25.00	H

LTE CA_38C, 20MHz+20MHz, 64QAM, Channel 37901+38099

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16995.50	-54.97	2.90	16.50	-41.37	-25.00	H
17117.00	-53.35	2.90	14.50	-41.75	-25.00	H
17352.00	-52.99	3.20	14.50	-41.69	-25.00	H
17458.00	-51.49	2.90	14.50	-39.89	-25.00	H
17615.50	-49.35	3.30	12.80	-39.85	-25.00	H
17839.50	-49.59	3.60	12.80	-40.39	-25.00	H

LTE CA_38C, 20MHz+20MHz, 64QAM, Channel 37952+38150

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16987.00	-54.38	2.90	16.50	-40.78	-25.00	H
17120.00	-53.64	2.90	14.50	-42.04	-25.00	H
17275.00	-52.88	3.20	14.50	-41.58	-25.00	H
17523.50	-49.83	2.90	12.80	-39.93	-25.00	H
17613.00	-49.50	3.30	12.80	-40.00	-25.00	H
17834.50	-49.39	3.60	12.80	-40.19	-25.00	H

**LTE CA_41C, 20MHz+20MHz, QPSK, Channel 39750+39948**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16960.00	-54.91	2.90	16.50	-41.31	-25.00	H
17214.00	-53.36	2.90	14.50	-41.76	-25.00	H
17298.50	-52.80	3.20	14.50	-41.50	-25.00	H
17511.50	-49.71	2.90	12.80	-39.81	-25.00	H
17598.50	-49.42	3.30	12.80	-39.92	-25.00	H
17816.50	-49.80	3.60	12.80	-40.60	-25.00	H

LTE CA_41C, 20MHz+20MHz, QPSK, Channel 40521+40719

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16994.00	-54.96	2.90	16.50	-41.36	-25.00	H
17202.50	-53.37	2.90	14.50	-41.77	-25.00	H
17368.00	-53.01	3.20	14.50	-41.71	-25.00	H
17499.50	-51.33	2.90	14.50	-39.73	-25.00	H
17576.00	-49.24	3.30	12.80	-39.74	-25.00	H
17839.00	-49.83	3.60	12.80	-40.63	-25.00	H

LTE CA_41C, 20MHz+20MHz, QPSK, Channel 41292+41490

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16964.00	-54.92	2.90	16.50	-41.32	-25.00	H
17121.00	-53.47	2.90	14.50	-41.87	-25.00	H
17272.00	-52.98	3.20	14.50	-41.68	-25.00	H
17505.00	-49.95	2.90	12.80	-40.05	-25.00	H
17592.00	-49.48	3.30	12.80	-39.98	-25.00	H
17839.50	-49.91	3.60	12.80	-40.71	-25.00	H

**LTE CA_41C, 20MHz+20MHz, 16QAM, Channel 39750+39948**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16989.00	-54.61	2.90	16.50	-41.01	-25.00	H
17116.50	-53.62	2.90	14.50	-42.02	-25.00	H
17298.50	-53.04	3.20	14.50	-41.74	-25.00	H
17515.50	-49.70	2.90	12.80	-39.80	-25.00	H
17588.00	-49.32	3.30	12.80	-39.82	-25.00	H
17835.00	-49.40	3.60	12.80	-40.20	-25.00	H

LTE CA_41C, 20MHz+20MHz, 16QAM, Channel 40521+40719

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16950.50	-54.98	2.90	16.50	-41.38	-25.00	H
17193.00	-53.77	2.90	14.50	-42.17	-25.00	H
17238.50	-52.75	3.20	14.50	-41.45	-25.00	H
17524.50	-49.50	2.90	12.80	-39.60	-25.00	H
17565.00	-49.44	3.30	12.80	-39.94	-25.00	H
17840.00	-49.61	3.60	12.80	-40.41	-25.00	H

LTE CA_41C, 20MHz+20MHz, 16QAM, Channel 41292+41490

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16934.50	-54.95	2.90	16.50	-41.35	-25.00	H
17122.50	-53.51	2.90	14.50	-41.91	-25.00	H
17298.00	-53.04	3.20	14.50	-41.74	-25.00	H
17505.00	-49.97	2.90	12.80	-40.07	-25.00	H
17591.50	-49.43	3.30	12.80	-39.93	-25.00	H
17838.00	-49.76	3.60	12.80	-40.56	-25.00	H

**LTE CA_41C, 20MHz+20MHz, 64QAM, Channel 39750+39948**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16962.50	-54.70	2.90	16.50	-41.10	-25.00	H
17114.00	-53.51	2.90	14.50	-41.91	-25.00	H
17351.00	-52.91	3.20	14.50	-41.61	-25.00	H
17511.00	-49.63	2.90	12.80	-39.73	-25.00	H
17615.50	-49.17	3.30	12.80	-39.67	-25.00	H
17835.50	-49.72	3.60	12.80	-40.52	-25.00	H

LTE CA_41C, 20MHz+20MHz, 64QAM, Channel 40521+40719

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16979.50	-54.18	2.90	16.50	-40.58	-25.00	H
17138.00	-53.52	2.90	14.50	-41.92	-25.00	H
17349.00	-53.10	3.20	14.50	-41.80	-25.00	H
17523.50	-49.81	2.90	12.80	-39.91	-25.00	H
17529.50	-49.77	2.90	12.80	-39.87	-25.00	H
17838.50	-49.69	3.60	12.80	-40.49	-25.00	H

LTE CA_41C, 20MHz+20MHz, 64QAM, Channel 41292+41490

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16959.00	-54.46	2.90	16.50	-40.86	-25.00	H
17117.00	-53.39	2.90	14.50	-41.79	-25.00	H
17254.00	-52.65	3.20	14.50	-41.35	-25.00	H
17521.00	-49.59	2.90	12.80	-39.69	-25.00	H
17619.50	-48.98	3.30	12.80	-39.48	-25.00	H
17839.50	-49.35	3.60	12.80	-40.15	-25.00	H

**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
16932.50	-44.91	2.90	16.50	-31.31	-13.00	H
17177.50	-42.99	2.90	14.50	-31.39	-13.00	H
17299.00	-42.74	3.20	14.50	-31.44	-13.00	H
17494.00	-41.75	2.90	14.50	-30.15	-13.00	H
17531.50	-39.33	2.90	12.80	-29.43	-13.00	H
17764.00	-39.86	3.60	12.80	-30.66	-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
16954.00	-44.94	2.90	16.50	-31.34	-13.00	H
17177.50	-43.78	2.90	14.50	-32.18	-13.00	H
17298.50	-42.81	3.20	14.50	-31.51	-13.00	H
17491.50	-41.50	2.90	14.50	-29.90	-13.00	H
17627.00	-39.57	3.30	12.80	-30.07	-13.00	H
17840.00	-40.08	3.60	12.80	-30.88	-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
16958.50	-44.44	2.90	16.50	-30.84	-13.00	H
17145.00	-43.81	2.90	14.50	-32.21	-13.00	H
17366.50	-42.83	3.20	14.50	-31.53	-13.00	H
17488.00	-41.12	2.90	14.50	-29.52	-13.00	H
17617.00	-38.83	3.30	12.80	-29.33	-13.00	H
17773.00	-39.64	3.60	12.80	-30.44	-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
16942.00	-44.44	2.90	16.50	-30.84	-13.00	H
17186.00	-43.19	2.90	14.50	-31.59	-13.00	H
17365.50	-42.90	3.20	14.50	-31.60	-13.00	H
17434.00	-40.76	2.90	14.50	-29.16	-13.00	H
17532.00	-39.42	2.90	12.80	-29.52	-13.00	H
17782.50	-39.88	3.60	12.80	-30.68	-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
16960.00	-45.32	2.90	16.50	-31.72	-13.00	H
17207.00	-43.26	2.90	14.50	-31.66	-13.00	H
17357.00	-43.34	3.20	14.50	-32.04	-13.00	H
17507.50	-40.12	2.90	12.80	-30.22	-13.00	H
17606.50	-39.64	3.30	12.80	-30.14	-13.00	H
17769.50	-39.62	3.60	12.80	-30.42	-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
16944.50	-44.83	2.90	16.50	-31.23	-13.00	H
17102.00	-43.28	2.90	14.50	-31.68	-13.00	H
17269.50	-43.02	3.20	14.50	-31.72	-13.00	H
17459.50	-41.89	2.90	14.50	-30.29	-13.00	H
17603.00	-38.17	3.30	12.80	-28.67	-13.00	H
17837.50	-39.81	3.60	12.80	-30.61	-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
16492.00	-46.43	2.70	17.40	-31.73	-13.00	H
16945.00	-44.61	2.90	16.50	-31.01	-13.00	H
17239.50	-42.47	3.20	14.50	-31.17	-13.00	H
17486.00	-41.36	2.90	14.50	-29.76	-13.00	H
17574.00	-38.97	3.30	12.80	-29.47	-13.00	H
17774.00	-39.95	3.60	12.80	-30.75	-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
16960.50	-44.40	2.90	16.50	-30.80	-13.00	H
17140.50	-43.20	2.90	14.50	-31.60	-13.00	H
17290.00	-43.00	3.20	14.50	-31.70	-13.00	H
17495.50	-41.68	2.90	14.50	-30.08	-13.00	H
17597.00	-39.45	3.30	12.80	-29.95	-13.00	H
17835.50	-39.69	3.60	12.80	-30.49	-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
16981.50	-43.45	2.90	16.50	-29.85	-13.00	H
17142.00	-43.46	2.90	14.50	-31.86	-13.00	H
17224.50	-42.93	3.20	14.50	-31.63	-13.00	H
17467.50	-40.72	2.90	14.50	-29.12	-13.00	H
17593.50	-39.09	3.30	12.80	-29.59	-13.00	H
17773.00	-39.53	3.60	12.80	-30.33	-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
16979.50	-45.32	2.90	16.50	-31.72	-13.00	H
17117.50	-43.37	2.90	14.50	-31.77	-13.00	H
17275.00	-43.18	3.20	14.50	-31.88	-13.00	H
17454.00	-41.48	2.90	14.50	-29.88	-13.00	H
17618.00	-38.97	3.30	12.80	-29.47	-13.00	H
17838.00	-40.05	3.60	12.80	-30.85	-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
16894.00	-45.65	2.90	16.50	-32.05	-13.00	H
16943.00	-44.98	2.90	16.50	-31.38	-13.00	H
17267.50	-42.25	3.20	14.50	-30.95	-13.00	H
17456.00	-41.69	2.90	14.50	-30.09	-13.00	H
17532.50	-39.89	2.90	12.80	-29.99	-13.00	H
17834.00	-39.44	3.60	12.80	-30.24	-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
16962.50	-44.94	2.90	16.50	-31.34	-13.00	H
17118.50	-43.68	2.90	14.50	-32.08	-13.00	H
17296.50	-42.81	3.20	14.50	-31.51	-13.00	H
17522.50	-40.05	2.90	12.80	-30.15	-13.00	H
17586.50	-39.68	3.30	12.80	-30.18	-13.00	H
17777.00	-39.73	3.60	12.80	-30.53	-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
16979.00	-45.13	2.90	16.50	-31.53	-13.00	H
17156.50	-43.54	2.90	14.50	-31.94	-13.00	H
17216.00	-42.94	3.20	14.50	-31.64	-13.00	H
17478.00	-42.10	2.90	14.50	-30.50	-13.00	H
17545.00	-39.83	2.90	12.80	-29.93	-13.00	H
17814.00	-39.18	3.60	12.80	-29.98	-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
16956.00	-45.13	2.90	16.50	-31.53	-13.00	H
17136.00	-43.60	2.90	14.50	-32.00	-13.00	H
17257.50	-43.11	3.20	14.50	-31.81	-13.00	H
17457.50	-40.56	2.90	14.50	-28.96	-13.00	H
17525.50	-39.64	2.90	12.80	-29.74	-13.00	H
17772.00	-39.53	3.60	12.80	-30.33	-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
16983.50	-44.99	2.90	16.50	-31.39	-13.00	H
17118.00	-42.71	2.90	14.50	-31.11	-13.00	H
17368.50	-43.03	3.20	14.50	-31.73	-13.00	H
17483.50	-41.58	2.90	14.50	-29.98	-13.00	H
17612.00	-39.14	3.30	12.80	-29.64	-13.00	H
17807.50	-39.58	3.60	12.80	-30.38	-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
16981.00	-45.13	2.90	16.50	-31.53	-13.00	H
17141.00	-43.72	2.90	14.50	-32.12	-13.00	H
17354.00	-42.37	3.20	14.50	-31.07	-13.00	H
17419.00	-41.81	2.90	14.50	-30.21	-13.00	H
17619.00	-38.94	3.30	12.80	-29.44	-13.00	H
17820.50	-39.84	3.60	12.80	-30.64	-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
16951.50	-45.04	2.90	16.50	-31.44	-13.00	H
17162.00	-43.93	2.90	14.50	-32.33	-13.00	H
17346.00	-42.74	3.20	14.50	-31.44	-13.00	H
17501.50	-40.26	2.90	12.80	-30.36	-13.00	H
17588.50	-39.59	3.30	12.80	-30.09	-13.00	H
17838.50	-40.06	3.60	12.80	-30.86	-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
16963.00	-44.29	2.90	16.50	-30.69	-13.00	H
17117.50	-43.70	2.90	14.50	-32.10	-13.00	H
17296.00	-42.86	3.20	14.50	-31.56	-13.00	H
17512.00	-40.04	2.90	12.80	-30.14	-13.00	H
17547.00	-39.09	2.90	12.80	-29.19	-13.00	H
17790.00	-39.00	3.60	12.80	-29.80	-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
7200.75	-52.52	1.80	12.00	-44.47	-13.00	V
9091.75	-51.67	2.20	11.60	-44.42	-13.00	H
9100.50	-50.92	2.20	11.60	-43.67	-13.00	H
9228.25	-51.29	2.10	11.60	-43.94	-13.00	H
9295.50	-50.94	2.00	11.60	-43.49	-13.00	H
9474.75	-51.41	2.10	11.60	-44.06	-13.00	V

LTE Band 5, 1.4MHz, QPSK, Channel 20525

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8420.25	-52.10	1.80	11.30	-44.75	-13.00	H
9096.25	-51.91	2.20	11.60	-44.66	-13.00	H
9225.25	-50.51	2.10	11.60	-43.16	-13.00	H
9305.25	-51.36	2.00	11.60	-43.91	-13.00	H
9433.50	-51.69	2.10	11.60	-44.34	-13.00	H
9477.25	-50.95	2.10	11.60	-43.60	-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
9090.00	-52.21	2.20	11.60	-44.96	-13.00	H
9168.25	-52.32	2.10	11.60	-44.97	-13.00	H
9225.75	-51.08	2.10	11.60	-43.73	-13.00	H
9299.75	-51.05	2.00	11.60	-43.60	-13.00	H
9471.25	-50.96	2.10	11.60	-43.61	-13.00	V
9671.25	-51.78	2.20	11.20	-44.93	-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
8418.00	-52.48	1.80	11.30	-45.13	-13.00	H
8464.25	-52.20	1.80	11.30	-44.85	-13.00	H
9103.50	-52.44	2.20	11.60	-45.19	-13.00	H
9217.00	-51.21	2.10	11.60	-43.86	-13.00	H
9299.75	-50.85	2.00	11.60	-43.40	-13.00	H
9475.50	-51.29	2.10	11.60	-43.94	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
2508.33	-44.77	0.90	10.70	-37.12	-13.00	H
8427.50	-51.50	1.80	11.30	-44.15	-13.00	H
8466.75	-51.60	1.80	11.30	-44.25	-13.00	H
9222.00	-51.03	2.10	11.60	-43.68	-13.00	H
9304.00	-50.65	2.00	11.60	-43.20	-13.00	H
9478.00	-51.65	2.10	11.60	-44.30	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
9149.00	-51.53	2.10	11.60	-44.18	-13.00	H
9226.25	-50.80	2.10	11.60	-43.45	-13.00	H
9311.25	-51.65	2.00	11.60	-44.20	-13.00	H
9424.25	-50.65	2.10	11.60	-43.30	-13.00	H
9471.75	-51.79	2.10	11.60	-44.44	-13.00	V
9712.75	-51.70	2.20	11.20	-44.85	-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
7322.50	-53.11	1.70	12.00	-44.96	-13.00	H
9095.50	-52.11	2.20	11.60	-44.86	-13.00	H
9222.00	-51.23	2.10	11.60	-43.88	-13.00	H
9299.75	-49.92	2.00	11.60	-42.47	-13.00	H
9424.25	-50.98	2.10	11.60	-43.63	-13.00	H
9468.25	-51.46	2.10	11.60	-44.11	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
2508.33	-47.65	0.90	10.70	-40.00	-13.00	H
8415.50	-51.44	1.80	11.30	-44.09	-13.00	H
9146.50	-52.05	2.10	11.60	-44.70	-13.00	H
9223.00	-50.89	2.10	11.60	-43.54	-13.00	H
9299.00	-50.94	2.00	11.60	-43.49	-13.00	H
9462.75	-51.31	2.10	11.60	-43.96	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
9097.50	-51.15	2.20	11.60	-43.90	-13.00	H
9224.50	-51.07	2.10	11.60	-43.72	-13.00	H
9302.50	-51.61	2.00	11.60	-44.16	-13.00	H
9422.75	-51.33	2.10	11.60	-43.98	-13.00	H
9476.50	-51.01	2.10	11.60	-43.66	-13.00	V
9732.75	-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
16950.50	-54.69	2.90	16.50	-41.09	-25.00	H
17114.50	-53.33	2.90	14.50	-41.73	-25.00	H
17365.00	-52.80	3.20	14.50	-41.50	-25.00	H
17524.50	-49.68	2.90	12.80	-39.78	-25.00	H
17574.50	-49.37	3.30	12.80	-39.87	-25.00	H
17777.50	-49.66	3.60	12.80	-40.46	-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
16965.00	-54.91	2.90	16.50	-41.31	-25.00	H
17165.50	-53.70	2.90	14.50	-42.10	-25.00	H
17299.00	-52.57	3.20	14.50	-41.27	-25.00	H
17520.00	-49.13	2.90	12.80	-39.23	-25.00	H
17593.50	-49.42	3.30	12.80	-39.92	-25.00	H
17834.50	-49.68	3.60	12.80	-40.48	-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
16986.00	-54.57	2.90	16.50	-40.97	-25.00	H
17214.50	-53.45	2.90	14.50	-41.85	-25.00	H
17273.00	-53.02	3.20	14.50	-41.72	-25.00	H
17518.00	-49.61	2.90	12.80	-39.71	-25.00	H
17525.50	-49.59	2.90	12.80	-39.69	-25.00	H
17834.50	-49.61	3.60	12.80	-40.41	-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
16989.00	-54.87	2.90	16.50	-41.27	-25.00	H
17206.50	-53.57	2.90	14.50	-41.97	-25.00	H
17283.00	-52.78	3.20	14.50	-41.48	-25.00	H
17518.00	-49.52	2.90	12.80	-39.62	-25.00	H
17527.00	-49.14	2.90	12.80	-39.24	-25.00	H
17840.00	-49.44	3.60	12.80	-40.24	-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
17002.00	-52.43	2.90	14.50	-40.83	-25.00	H
17212.00	-53.61	2.90	14.50	-42.01	-25.00	H
17288.50	-52.86	3.20	14.50	-41.56	-25.00	H
17454.50	-51.34	2.90	14.50	-39.74	-25.00	H
17590.50	-49.41	3.30	12.80	-39.91	-25.00	H
17839.00	-49.48	3.60	12.80	-40.28	-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
16982.00	-54.57	2.90	16.50	-40.97	-25.00	H
17186.50	-53.43	2.90	14.50	-41.83	-25.00	H
17292.00	-52.97	3.20	14.50	-41.67	-25.00	H
17482.50	-51.35	2.90	14.50	-39.75	-25.00	H
17525.50	-49.66	2.90	12.80	-39.76	-25.00	H
17832.50	-49.61	3.60	12.80	-40.41	-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
16962.00	-54.53	2.90	16.50	-40.93	-25.00	H
17202.50	-53.59	2.90	14.50	-41.99	-25.00	H
17299.00	-52.58	3.20	14.50	-41.28	-25.00	H
17509.50	-49.19	2.90	12.80	-39.29	-25.00	H
17615.50	-49.24	3.30	12.80	-39.74	-25.00	H
17833.50	-49.62	3.60	12.80	-40.42	-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
16960.50	-54.47	2.90	16.50	-40.87	-25.00	H
17211.50	-53.54	2.90	14.50	-41.94	-25.00	H
17299.50	-52.77	3.20	14.50	-41.47	-25.00	H
17508.00	-49.55	2.90	12.80	-39.65	-25.00	H
17615.50	-49.18	3.30	12.80	-39.68	-25.00	H
17839.50	-49.63	3.60	12.80	-40.43	-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
16990.50	-54.88	2.90	16.50	-41.28	-25.00	H
17166.50	-53.38	2.90	14.50	-41.78	-25.00	H
17366.50	-52.70	3.20	14.50	-41.40	-25.00	H
17521.00	-49.75	2.90	12.80	-39.85	-25.00	H
17574.50	-49.30	3.30	12.80	-39.80	-25.00	H
17839.00	-49.44	3.60	12.80	-40.24	-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
2097.92	-51.27	0.90	9.80	-44.52	-13.00	H
7185.50	-53.10	1.80	12.00	-45.05	-13.00	H
9223.50	-50.74	2.10	11.60	-43.39	-13.00	H
9306.25	-51.14	2.00	11.60	-43.69	-13.00	H
9424.25	-52.12	2.10	11.60	-44.77	-13.00	H
9471.50	-51.33	2.10	11.60	-43.98	-13.00	V

LTE Band 12, 1.4MHz, QPSK, Channel 23095

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
2121.25	-50.69	0.90	9.80	-43.94	-13.00	H
9223.00	-51.24	2.10	11.60	-43.89	-13.00	H
9299.50	-51.10	2.00	11.60	-43.65	-13.00	H
9429.25	-51.62	2.10	11.60	-44.27	-13.00	H
9472.50	-51.33	2.10	11.60	-43.98	-13.00	V
9748.75	-50.58	2.20	11.20	-43.73	-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
8657.25	-52.57	2.00	12.00	-44.72	-13.00	H
9102.00	-51.66	2.20	11.60	-44.41	-13.00	H
9221.75	-51.25	2.10	11.60	-43.90	-13.00	H
9304.00	-50.78	2.00	11.60	-43.33	-13.00	H
9431.25	-51.67	2.10	11.60	-44.32	-13.00	H
9475.00	-51.52	2.10	11.60	-44.17	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
2097.92	-51.41	0.90	9.80	-44.66	-13.00	H
9105.00	-51.59	2.20	11.60	-44.34	-13.00	H
9223.50	-51.49	2.10	11.60	-44.14	-13.00	H
9291.50	-51.32	2.00	11.60	-43.87	-13.00	H
9378.75	-51.77	2.00	11.60	-44.32	-13.00	V
9475.00	-51.48	2.10	11.60	-44.13	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
2121.25	-51.26	0.90	9.80	-44.51	-13.00	H
9100.75	-50.87	2.20	11.60	-43.62	-13.00	H
9225.75	-51.28	2.10	11.60	-43.93	-13.00	H
9303.00	-51.42	2.00	11.60	-43.97	-13.00	H
9426.25	-52.12	2.10	11.60	-44.77	-13.00	H
9475.00	-51.43	2.10	11.60	-44.08	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
9095.75	-52.17	2.20	11.60	-44.92	-13.00	H
9228.25	-51.55	2.10	11.60	-44.20	-13.00	H
9302.25	-51.55	2.00	11.60	-44.10	-13.00	H
9425.00	-52.10	2.10	11.60	-44.75	-13.00	H
9474.50	-51.74	2.10	11.60	-44.39	-13.00	V
9743.00	-51.43	2.20	11.20	-44.58	-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
8769.00	-52.39	1.90	12.00	-44.44	-13.00	H
8896.50	-52.51	1.90	12.00	-44.56	-13.00	V
9102.50	-51.86	2.20	11.60	-44.61	-13.00	H
9221.25	-51.84	2.10	11.60	-44.49	-13.00	H
9296.25	-51.31	2.00	11.60	-43.86	-13.00	H
9474.50	-51.94	2.10	11.60	-44.59	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
9092.25	-51.51	2.20	11.60	-44.26	-13.00	H
9227.00	-51.54	2.10	11.60	-44.19	-13.00	H
9287.00	-51.21	2.10	11.60	-43.86	-13.00	H
9426.00	-52.51	2.10	11.60	-45.16	-13.00	H
9479.50	-51.96	2.10	11.60	-44.61	-13.00	V
9746.75	-51.73	2.20	11.20	-44.88	-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
8425.75	-51.76	1.80	11.30	-44.41	-13.00	H
9101.25	-51.63	2.20	11.60	-44.38	-13.00	H
9224.00	-51.08	2.10	11.60	-43.73	-13.00	H
9296.25	-51.56	2.00	11.60	-44.11	-13.00	H
9377.75	-51.75	2.00	11.60	-44.30	-13.00	V
9475.50	-52.04	2.10	11.60	-44.69	-13.00	V

**LTE Band 13, 5MHz, QPSK, Channel 23205**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
1582.50	-57.58	0.70	8.10	-52.33	-40.00	V
9100.12	-51.65	2.20	11.60	-44.40	-13.00	H
9297.00	-50.24	2.00	11.60	-42.79	-13.00	H
9424.88	-50.66	2.10	11.60	-43.31	-13.00	H
9726.62	-50.82	2.20	11.20	-43.97	-13.00	H
9792.50	-51.23	2.30	11.20	-44.48	-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
1576.50	-57.52	0.70	8.10	-52.27	-40.00	V
7216.12	-52.29	1.80	12.00	-44.24	-13.00	H
9300.75	-50.79	2.00	11.60	-43.34	-13.00	H
9470.75	-51.48	2.10	11.60	-44.13	-13.00	V
9754.88	-50.85	2.20	11.20	-44.00	-13.00	H
9800.25	-50.91	2.30	11.20	-44.16	-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
1559.50	-56.83	0.70	8.10	-51.58	-40.00	V
9096.88	-51.36	2.20	11.60	-44.11	-13.00	H
9305.75	-50.75	2.00	11.60	-43.30	-13.00	H
9473.62	-50.44	2.10	11.60	-43.09	-13.00	V
9756.00	-51.08	2.20	11.20	-44.23	-13.00	H
9782.88	-51.38	2.30	11.20	-44.63	-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
1565.00	-56.49	0.70	8.10	-51.24	-40.00	V
9104.38	-51.45	2.20	11.60	-44.20	-13.00	H
9222.75	-50.63	2.10	11.60	-43.28	-13.00	H
9471.75	-50.96	2.10	11.60	-43.61	-13.00	V
9749.62	-50.44	2.20	11.20	-43.59	-13.00	H
9798.88	-51.14	2.30	11.20	-44.39	-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
1565.00	-56.34	0.70	8.10	-51.09	-40.00	V
9097.38	-51.73	2.20	11.60	-44.48	-13.00	H
9225.62	-49.74	2.10	11.60	-42.39	-13.00	H
9473.25	-51.45	2.10	11.60	-44.10	-13.00	V
9714.75	-51.11	2.20	11.20	-44.26	-13.00	H
9809.50	-50.94	2.30	11.20	-44.19	-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
1562.00	-57.37	0.70	8.10	-52.12	-40.00	V
8908.88	-52.54	1.90	12.00	-44.59	-13.00	H
9100.50	-51.66	2.20	11.60	-44.41	-13.00	H
9300.88	-50.65	2.00	11.60	-43.20	-13.00	H
9472.62	-51.22	2.10	11.60	-43.87	-13.00	V
9735.62	-50.62	2.20	11.20	-43.77	-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
1571.00	-57.45	0.70	8.10	-52.20	-40.00	V
9097.50	-51.60	2.20	11.60	-44.35	-13.00	H
9302.12	-50.43	2.00	11.60	-42.98	-13.00	H
9476.62	-50.89	2.10	11.60	-43.54	-13.00	V
9735.00	-50.64	2.20	11.20	-43.79	-13.00	H
9779.88	-51.04	2.30	11.20	-44.29	-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
1568.50	-57.71	0.70	8.10	-52.46	-40.00	V
9100.00	-51.95	2.20	11.60	-44.70	-13.00	H
9232.62	-50.50	2.10	11.60	-43.15	-13.00	H
9475.12	-51.66	2.10	11.60	-44.31	-13.00	V
9719.38	-50.47	2.20	11.20	-43.62	-13.00	H
9796.00	-51.37	2.30	11.20	-44.62	-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
1565.00	-57.41	0.70	8.10	-52.16	-40.00	V
9102.62	-51.66	2.20	11.60	-44.41	-13.00	H
9293.50	-50.54	2.00	11.60	-43.09	-13.00	H
9474.88	-50.67	2.10	11.60	-43.32	-13.00	V
9724.50	-51.05	2.20	11.20	-44.20	-13.00	H
9792.50	-51.20	2.30	11.20	-44.45	-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
8477.75	-51.97	1.80	11.30	-44.62	-13.00	H
9102.00	-51.98	2.20	11.60	-44.73	-13.00	H
9226.75	-50.78	2.10	11.60	-43.43	-13.00	H
9293.50	-50.82	2.00	11.60	-43.37	-13.00	H
9424.00	-51.87	2.10	11.60	-44.52	-13.00	H
9464.25	-51.89	2.10	11.60	-44.54	-13.00	V

LTE Band 17, 1.4MHz, QPSK, Channel 23790

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8409.25	-52.14	1.80	11.30	-44.79	-13.00	H
9110.75	-52.06	2.10	11.60	-44.71	-13.00	H
9226.75	-50.95	2.10	11.60	-43.60	-13.00	H
9303.00	-50.82	2.00	11.60	-43.37	-13.00	H
9416.25	-52.06	2.10	11.60	-44.71	-13.00	H
9476.50	-51.85	2.10	11.60	-44.50	-13.00	V

LTE Band 17, 1.4MHz, QPSK, Channel 23825

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8523.50	-52.37	2.10	12.00	-44.62	-13.00	H
9090.75	-52.12	2.20	11.60	-44.87	-13.00	H
9225.00	-51.23	2.10	11.60	-43.88	-13.00	H
9295.75	-51.76	2.00	11.60	-44.31	-13.00	H
9477.25	-51.61	2.10	11.60	-44.26	-13.00	V
9724.50	-50.67	2.20	11.20	-43.82	-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
8432.00	-52.54	1.80	11.30	-45.19	-13.00	H
9101.00	-52.29	2.20	11.60	-45.04	-13.00	H
9222.75	-51.44	2.10	11.60	-44.09	-13.00	H
9303.25	-51.31	2.00	11.60	-43.86	-13.00	H
9443.25	-51.86	2.10	11.60	-44.51	-13.00	H
9475.00	-51.53	2.10	11.60	-44.18	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
9101.75	-51.54	2.20	11.60	-44.29	-13.00	H
9223.00	-51.43	2.10	11.60	-44.08	-13.00	H
9301.25	-51.13	2.00	11.60	-43.68	-13.00	H
9422.00	-51.81	2.10	11.60	-44.46	-13.00	H
9474.25	-51.17	2.10	11.60	-43.82	-13.00	V
9742.00	-51.28	2.20	11.20	-44.43	-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
9098.25	-52.24	2.20	11.60	-44.99	-13.00	H
9227.00	-51.35	2.10	11.60	-44.00	-13.00	H
9297.75	-51.63	2.00	11.60	-44.18	-13.00	H
9368.25	-52.32	2.00	11.60	-44.87	-13.00	V
9472.75	-51.29	2.10	11.60	-43.94	-13.00	V
9738.00	-51.45	2.20	11.20	-44.60	-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
8437.25	-51.86	1.80	11.30	-44.51	-13.00	H
9101.00	-51.36	2.20	11.60	-44.11	-13.00	H
9226.50	-51.41	2.10	11.60	-44.06	-13.00	H
9301.75	-50.90	2.00	11.60	-43.45	-13.00	H
9427.50	-52.56	2.10	11.60	-45.21	-13.00	H
9468.50	-51.39	2.10	11.60	-44.04	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
9094.25	-52.12	2.20	11.60	-44.87	-13.00	H
9227.50	-50.36	2.10	11.60	-43.01	-13.00	H
9301.25	-51.17	2.00	11.60	-43.72	-13.00	H
9423.25	-52.19	2.10	11.60	-44.84	-13.00	H
9475.50	-51.45	2.10	11.60	-44.10	-13.00	H
9731.75	-51.21	2.20	11.20	-44.36	-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
9100.50	-52.03	2.20	11.60	-44.78	-13.00	H
9224.75	-51.10	2.10	11.60	-43.75	-13.00	H
9300.50	-51.23	2.00	11.60	-43.78	-13.00	H
9349.75	-52.26	2.00	11.60	-44.81	-13.00	V
9473.75	-51.34	2.10	11.60	-43.99	-13.00	V
9733.50	-51.68	2.20	11.20	-44.83	-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
9161.75	-51.92	2.10	11.60	-44.57	-13.00	V
9225.25	-51.02	2.10	11.60	-43.67	-13.00	H
9298.25	-50.98	2.00	11.60	-43.53	-13.00	H
9424.50	-51.80	2.10	11.60	-44.45	-13.00	H
9474.25	-50.99	2.10	11.60	-43.64	-13.00	V
9736.75	-51.33	2.20	11.20	-44.48	-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
9149.25	-52.39	2.10	11.60	-45.04	-13.00	H
9219.50	-51.86	2.10	11.60	-44.51	-13.00	H
9300.25	-50.70	2.00	11.60	-43.25	-13.00	H
9429.00	-51.93	2.10	11.60	-44.58	-13.00	H
9476.75	-50.95	2.10	11.60	-43.60	-13.00	V
9742.25	-50.86	2.20	11.20	-44.01	-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
8436.00	-52.03	1.80	11.30	-44.68	-13.00	H
9158.75	-52.19	2.10	11.60	-44.84	-13.00	H
9216.75	-51.20	2.10	11.60	-43.85	-13.00	H
9300.00	-50.82	2.00	11.60	-43.37	-13.00	H
9428.50	-51.53	2.10	11.60	-44.18	-13.00	H
9474.50	-51.48	2.10	11.60	-44.13	-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
9097.75	-51.43	2.20	11.60	-44.18	-13.00	H
9152.50	-51.79	2.10	11.60	-44.44	-13.00	H
9225.00	-51.69	2.10	11.60	-44.34	-13.00	H
9301.25	-50.67	2.00	11.60	-43.22	-13.00	H
9476.00	-52.09	2.10	11.60	-44.74	-13.00	V
9720.25	-51.63	2.20	11.20	-44.78	-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
9099.75	-52.20	2.20	11.60	-44.95	-13.00	H
9222.50	-51.52	2.10	11.60	-44.17	-13.00	H
9295.50	-51.30	2.00	11.60	-43.85	-13.00	H
9425.25	-51.76	2.10	11.60	-44.41	-13.00	H
9476.50	-49.98	2.10	11.60	-42.63	-13.00	V
9738.50	-51.16	2.20	11.20	-44.31	-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
9147.75	-51.16	2.10	11.60	-43.81	-13.00	H
9226.75	-50.84	2.10	11.60	-43.49	-13.00	H
9304.00	-51.55	2.00	11.60	-44.10	-13.00	H
9422.00	-52.20	2.10	11.60	-44.85	-13.00	H
9476.50	-51.79	2.10	11.60	-44.44	-13.00	V
9670.00	-51.40	2.20	11.20	-44.55	-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
8382.50	-52.18	1.80	11.30	-44.83	-13.00	H
9152.75	-52.24	2.10	11.60	-44.89	-13.00	H
9217.00	-51.77	2.10	11.60	-44.42	-13.00	H
9300.00	-50.88	2.00	11.60	-43.43	-13.00	H
9362.75	-52.00	2.00	11.60	-44.55	-13.00	V
9478.75	-51.50	2.10	11.60	-44.15	-13.00	V

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
7227.00	-53.00	1.80	12.00	-44.95	-13.00	H
9099.00	-51.72	2.20	11.60	-44.47	-13.00	H
9225.25	-51.14	2.10	11.60	-43.79	-13.00	H
9304.75	-51.18	2.00	11.60	-43.73	-13.00	H
9433.25	-52.37	2.10	11.60	-45.02	-13.00	H
9470.25	-51.46	2.10	11.60	-44.11	-13.00	V

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
8744.75	-52.94	2.00	12.00	-45.09	-13.00	H
9170.50	-50.92	2.10	11.60	-43.57	-13.00	H
9221.50	-51.20	2.10	11.60	-43.85	-13.00	H
9309.00	-51.08	2.00	11.60	-43.63	-13.00	H
9419.75	-51.83	2.10	11.60	-44.48	-13.00	H
9475.00	-51.86	2.10	11.60	-44.51	-13.00	V

**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
7432.50	-53.38	1.90	12.00	-45.43	-13.00	H
9103.75	-50.75	2.20	11.60	-43.50	-13.00	H
9222.75	-51.32	2.10	11.60	-43.97	-13.00	H
9305.25	-51.43	2.00	11.60	-43.98	-13.00	H
9423.50	-51.45	2.10	11.60	-44.10	-13.00	H
9480.75	-51.71	2.10	11.60	-44.36	-13.00	V

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
8419.75	-52.36	1.80	11.30	-45.01	-13.00	H
9160.00	-52.34	2.10	11.60	-44.99	-13.00	H
9224.75	-50.42	2.10	11.60	-43.07	-13.00	H
9300.50	-50.71	2.00	11.60	-43.26	-13.00	H
9431.00	-52.28	2.10	11.60	-44.93	-13.00	H
9477.00	-51.14	2.10	11.60	-43.79	-13.00	V

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
8897.50	-52.91	1.90	12.00	-44.96	-13.00	H
9144.50	-52.18	2.10	11.60	-44.83	-13.00	H
9225.75	-50.73	2.10	11.60	-43.38	-13.00	H
9301.25	-50.24	2.00	11.60	-42.79	-13.00	H
9425.75	-52.30	2.10	11.60	-44.95	-13.00	H
9476.00	-51.93	2.10	11.60	-44.58	-13.00	V

**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
9097.75	-51.86	2.20	11.60	-44.61	-13.00	H
9153.50	-51.96	2.10	11.60	-44.61	-13.00	H
9225.50	-50.22	2.10	11.60	-42.87	-13.00	H
9293.50	-51.17	2.00	11.60	-43.72	-13.00	H
9419.25	-52.14	2.10	11.60	-44.79	-13.00	H
9472.75	-51.11	2.10	11.60	-43.76	-13.00	V

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
8461.50	-52.27	1.80	11.30	-44.92	-13.00	H
9093.25	-52.38	2.20	11.60	-45.13	-13.00	H
9228.25	-51.53	2.10	11.60	-44.18	-13.00	H
9300.50	-51.44	2.00	11.60	-43.99	-13.00	H
9416.75	-51.66	2.10	11.60	-44.31	-13.00	H
9473.00	-51.70	2.10	11.60	-44.35	-13.00	V

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
9097.25	-52.30	2.20	11.60	-45.05	-13.00	H
9103.00	-52.22	2.20	11.60	-44.97	-13.00	H
9224.50	-51.29	2.10	11.60	-43.94	-13.00	H
9298.00	-50.87	2.00	11.60	-43.42	-13.00	H
9426.50	-52.22	2.10	11.60	-44.87	-13.00	H
9475.00	-51.58	2.10	11.60	-44.23	-13.00	V

**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
9097.50	-52.29	2.20	11.60	-45.04	-13.00	H
9157.00	-52.14	2.10	11.60	-44.79	-13.00	H
9220.50	-51.35	2.10	11.60	-44.00	-13.00	H
9299.00	-51.35	2.00	11.60	-43.90	-13.00	H
9430.25	-51.99	2.10	11.60	-44.64	-13.00	H
9475.25	-50.72	2.10	11.60	-43.37	-13.00	V

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
9097.00	-51.74	2.20	11.60	-44.49	-13.00	H
9228.25	-50.37	2.10	11.60	-43.02	-13.00	H
9296.75	-51.09	2.00	11.60	-43.64	-13.00	H
9427.00	-51.81	2.10	11.60	-44.46	-13.00	H
9477.25	-51.59	2.10	11.60	-44.24	-13.00	V
9718.50	-51.31	2.20	11.20	-44.46	-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
8459.25	-52.34	1.80	11.30	-44.99	-13.00	H
9108.25	-51.75	2.10	11.60	-44.40	-13.00	H
9222.25	-50.51	2.10	11.60	-43.16	-13.00	H
9304.25	-50.80	2.00	11.60	-43.35	-13.00	H
9383.00	-51.90	2.10	11.60	-44.55	-13.00	V
9475.00	-50.39	2.10	11.60	-43.04	-13.00	V

**LTE Band 38, 5MHz, QPSK, Channel 37775**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16961.00	-55.00	2.90	16.50	-41.40	-25.00	H
17161.50	-53.70	2.90	14.50	-42.10	-25.00	H
17352.00	-52.81	3.20	14.50	-41.51	-25.00	H
17505.50	-49.58	2.90	12.80	-39.68	-25.00	H
17527.00	-49.20	2.90	12.80	-39.30	-25.00	H
17836.50	-49.82	3.60	12.80	-40.62	-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
16953.00	-54.84	2.90	16.50	-41.24	-25.00	H
17098.50	-53.81	2.90	14.50	-42.21	-25.00	H
17368.00	-52.75	3.20	14.50	-41.45	-25.00	H
17519.50	-49.75	2.90	12.80	-39.85	-25.00	H
17586.50	-49.26	3.30	12.80	-39.76	-25.00	H
17829.50	-49.20	3.60	12.80	-40.00	-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
16940.00	-55.05	2.90	16.50	-41.45	-25.00	H
17185.50	-53.63	2.90	14.50	-42.03	-25.00	H
17289.00	-52.86	3.20	14.50	-41.56	-25.00	H
17500.50	-49.89	2.90	12.80	-39.99	-25.00	H
17597.00	-49.32	3.30	12.80	-39.82	-25.00	H
17825.50	-49.82	3.60	12.80	-40.62	-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
16984.00	-54.73	2.90	16.50	-41.13	-25.00	H
17210.00	-53.61	2.90	14.50	-42.01	-25.00	H
17285.00	-52.77	3.20	14.50	-41.47	-25.00	H
17516.50	-49.28	2.90	12.80	-39.38	-25.00	H
17626.00	-49.10	3.30	12.80	-39.60	-25.00	H
17835.50	-49.65	3.60	12.80	-40.45	-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
16981.50	-54.23	2.90	16.50	-40.63	-25.00	H
17208.00	-53.52	2.90	14.50	-41.92	-25.00	H
17361.00	-53.01	3.20	14.50	-41.71	-25.00	H
17506.50	-49.79	2.90	12.80	-39.89	-25.00	H
17589.00	-49.22	3.30	12.80	-39.72	-25.00	H
17839.50	-49.31	3.60	12.80	-40.11	-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
16941.50	-55.07	2.90	16.50	-41.47	-25.00	H
17189.50	-53.72	2.90	14.50	-42.12	-25.00	H
17303.00	-52.71	3.20	14.50	-41.41	-25.00	H
17508.00	-49.72	2.90	12.80	-39.82	-25.00	H
17606.50	-49.40	3.30	12.80	-39.90	-25.00	H
17840.00	-49.44	3.60	12.80	-40.24	-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
16996.00	-54.99	2.90	16.50	-41.39	-25.00	H
17115.00	-53.64	2.90	14.50	-42.04	-25.00	H
17279.00	-52.91	3.20	14.50	-41.61	-25.00	H
17522.50	-49.98	2.90	12.80	-40.08	-25.00	H
17621.00	-49.08	3.30	12.80	-39.58	-25.00	H
17840.00	-49.89	3.60	12.80	-40.69	-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
16945.50	-54.64	2.90	16.50	-41.04	-25.00	H
17133.00	-53.56	2.90	14.50	-41.96	-25.00	H
17365.00	-52.82	3.20	14.50	-41.52	-25.00	H
17506.50	-49.85	2.90	12.80	-39.95	-25.00	H
17622.00	-49.33	3.30	12.80	-39.83	-25.00	H
17835.50	-49.50	3.60	12.80	-40.30	-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
16938.00	-54.70	2.90	16.50	-41.10	-25.00	H
17204.50	-53.46	2.90	14.50	-41.86	-25.00	H
17285.50	-52.86	3.20	14.50	-41.56	-25.00	H
17508.00	-49.31	2.90	12.80	-39.41	-25.00	H
17576.00	-49.40	3.30	12.80	-39.90	-25.00	H
17773.00	-49.52	3.60	12.80	-40.32	-25.00	H

**LTE Band 41, 5MHz, QPSK, Channel 39675**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
17007.50	-52.83	2.90	14.50	-41.23	-25.00	H
17194.00	-53.60	2.90	14.50	-42.00	-25.00	H
17366.50	-52.92	3.20	14.50	-41.62	-25.00	H
17453.00	-51.43	2.90	14.50	-39.83	-25.00	H
17622.00	-49.24	3.30	12.80	-39.74	-25.00	H
17839.00	-49.65	3.60	12.80	-40.45	-25.00	H

LTE Band 41, 5MHz, QPSK, Channel 40620

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16987.00	-54.83	2.90	16.50	-41.23	-25.00	H
17180.50	-53.81	2.90	14.50	-42.21	-25.00	H
17289.00	-53.13	3.20	14.50	-41.83	-25.00	H
17464.50	-51.34	2.90	14.50	-39.74	-25.00	H
17527.50	-49.34	2.90	12.80	-39.44	-25.00	H
17840.00	-49.72	3.60	12.80	-40.52	-25.00	H

LTE Band 41, 5MHz, QPSK, Channel 41565

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16983.50	-54.84	2.90	16.50	-41.24	-25.00	H
17117.00	-53.69	2.90	14.50	-42.09	-25.00	H
17368.00	-52.83	3.20	14.50	-41.53	-25.00	H
17516.50	-49.82	2.90	12.80	-39.92	-25.00	H
17617.00	-49.31	3.30	12.80	-39.81	-25.00	H
17830.50	-49.24	3.60	12.80	-40.04	-25.00	H

**LTE Band 41, 5MHz, 16QAM, Channel 39675**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
17000.00	-53.06	2.90	14.50	-41.46	-25.00	H
17183.00	-53.61	2.90	14.50	-42.01	-25.00	H
17369.00	-53.07	3.20	14.50	-41.77	-25.00	H
17520.50	-49.73	2.90	12.80	-39.83	-25.00	H
17525.50	-49.74	2.90	12.80	-39.84	-25.00	H
17837.50	-49.67	3.60	12.80	-40.47	-25.00	H

LTE Band 41, 5MHz, 16QAM, Channel 40620

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16959.50	-54.76	2.90	16.50	-41.16	-25.00	H
17202.50	-53.45	2.90	14.50	-41.85	-25.00	H
17367.00	-53.00	3.20	14.50	-41.70	-25.00	H
17518.00	-49.77	2.90	12.80	-39.87	-25.00	H
17604.50	-49.38	3.30	12.80	-39.88	-25.00	H
17828.00	-49.90	3.60	12.80	-40.70	-25.00	H

LTE Band 41, 5MHz, 16QAM, Channel 41565

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16982.00	-54.75	2.90	16.50	-41.15	-25.00	H
17205.50	-53.38	2.90	14.50	-41.78	-25.00	H
17366.50	-52.70	3.20	14.50	-41.40	-25.00	H
17451.50	-51.15	2.90	14.50	-39.55	-25.00	H
17591.00	-49.32	3.30	12.80	-39.82	-25.00	H
17840.00	-49.65	3.60	12.80	-40.45	-25.00	H

**LTE Band 41, 5MHz, 64QAM, Channel 39675**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16991.50	-54.72	2.90	16.50	-41.12	-25.00	H
17114.00	-53.60	2.90	14.50	-42.00	-25.00	H
17292.00	-52.91	3.20	14.50	-41.61	-25.00	H
17522.50	-49.74	2.90	12.80	-39.84	-25.00	H
17573.00	-49.34	3.30	12.80	-39.84	-25.00	H
17772.50	-49.46	3.60	12.80	-40.26	-25.00	H

LTE Band 41, 5MHz, 64QAM, Channel 40620

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16983.00	-54.89	2.90	16.50	-41.29	-25.00	H
17204.50	-53.49	2.90	14.50	-41.89	-25.00	H
17305.00	-53.13	3.20	14.50	-41.83	-25.00	H
17456.50	-51.60	2.90	14.50	-40.00	-25.00	H
17596.00	-49.20	3.30	12.80	-39.70	-25.00	H
17839.00	-49.60	3.60	12.80	-40.40	-25.00	H

LTE Band 41, 5MHz, 64QAM, Channel 41565

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16983.00	-54.68	2.90	16.50	-41.08	-25.00	H
17132.50	-53.37	2.90	14.50	-41.77	-25.00	H
17299.00	-52.75	3.20	14.50	-41.45	-25.00	H
17524.00	-49.64	2.90	12.80	-39.74	-25.00	H
17590.50	-49.39	3.30	12.80	-39.89	-25.00	H
17838.00	-49.69	3.60	12.80	-40.49	-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
16958.50	-44.47	2.90	16.50	-30.87	-13.00	H
17198.00	-43.54	2.90	14.50	-31.94	-13.00	H
17273.50	-42.45	3.20	14.50	-31.15	-13.00	H
17506.00	-39.98	2.90	12.80	-30.08	-13.00	H
17575.00	-39.23	3.30	12.80	-29.73	-13.00	H
17762.50	-39.33	3.60	12.80	-30.13	-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
16988.50	-44.93	2.90	16.50	-31.33	-13.00	H
17191.00	-42.69	2.90	14.50	-31.09	-13.00	H
17275.00	-42.41	3.20	14.50	-31.11	-13.00	H
17460.50	-41.10	2.90	14.50	-29.50	-13.00	H
17585.50	-39.53	3.30	12.80	-30.03	-13.00	H
17827.00	-40.15	3.60	12.80	-30.95	-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
16949.50	-44.76	2.90	16.50	-31.16	-13.00	H
17211.00	-43.62	2.90	14.50	-32.02	-13.00	H
17230.50	-43.30	3.20	14.50	-32.00	-13.00	H
17468.00	-41.52	2.90	14.50	-29.92	-13.00	H
17591.00	-39.19	3.30	12.80	-29.69	-13.00	H
17839.00	-39.58	3.60	12.80	-30.38	-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
16966.50	-44.63	2.90	16.50	-31.03	-13.00	H
17120.50	-42.88	2.90	14.50	-31.28	-13.00	H
17302.50	-42.86	3.20	14.50	-31.56	-13.00	H
17407.50	-41.00	2.90	14.50	-29.40	-13.00	H
17625.50	-39.67	3.30	12.80	-30.17	-13.00	H
17829.50	-39.93	3.60	12.80	-30.73	-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
17000.00	-42.99	2.90	14.50	-31.39	-13.00	H
17214.50	-43.15	2.90	14.50	-31.55	-13.00	H
17293.50	-42.34	3.20	14.50	-31.04	-13.00	H
17507.00	-37.28	2.90	12.80	-27.38	-13.00	H
17595.50	-39.36	3.30	12.80	-29.86	-13.00	H
17819.00	-39.59	3.60	12.80	-30.39	-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
16946.00	-44.53	2.90	16.50	-30.93	-13.00	H
17126.00	-43.63	2.90	14.50	-32.03	-13.00	H
17272.50	-42.72	3.20	14.50	-31.42	-13.00	H
17440.00	-41.70	2.90	14.50	-30.10	-13.00	H
17588.50	-39.24	3.30	12.80	-29.74	-13.00	H
17779.00	-39.27	3.60	12.80	-30.07	-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
16998.50	-44.03	2.90	16.50	-30.43	-13.00	H
17124.50	-43.41	2.90	14.50	-31.81	-13.00	H
17219.50	-42.75	3.20	14.50	-31.45	-13.00	H
17452.50	-41.12	2.90	14.50	-29.52	-13.00	H
17559.00	-39.47	2.90	12.80	-29.57	-13.00	H
17836.50	-39.93	3.60	12.80	-30.73	-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
16941.00	-44.50	2.90	16.50	-30.90	-13.00	H
17135.50	-43.40	2.90	14.50	-31.80	-13.00	H
17278.50	-42.70	3.20	14.50	-31.40	-13.00	H
17450.00	-41.49	2.90	14.50	-29.89	-13.00	H
17625.50	-39.62	3.30	12.80	-30.12	-13.00	H
17801.50	-38.87	3.60	12.80	-29.67	-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
16993.50	-44.56	2.90	16.50	-30.96	-13.00	H
17132.50	-43.67	2.90	14.50	-32.07	-13.00	H
17355.00	-43.23	3.20	14.50	-31.93	-13.00	H
17504.50	-39.34	2.90	12.80	-29.44	-13.00	H
17620.50	-39.20	3.30	12.80	-29.70	-13.00	H
17722.50	-39.60	3.30	12.80	-30.10	-13.00	H

**LTE CA_7C, 20MHz+20MHz, QPSK, Channel 20850+21048**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16941.00	-54.98	2.90	16.50	-43.53	-25.00	H
17112.50	-53.39	2.90	14.50	-43.94	-25.00	H
17304.50	-52.95	3.20	14.50	-43.80	-25.00	H
17524.50	-49.57	2.90	12.80	-41.82	-25.00	H
17589.00	-49.35	3.30	12.80	-42.00	-25.00	H
17839.00	-49.65	3.60	12.80	-42.60	-25.00	H

LTE CA_7C, 20MHz+20MHz, QPSK, Channel 21001+21199

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16995.00	-55.02	2.90	16.50	-43.57	-25.00	H
17125.50	-53.52	2.90	14.50	-44.07	-25.00	H
17278.50	-52.67	3.20	14.50	-43.52	-25.00	H
17515.50	-49.67	2.90	12.80	-41.92	-25.00	H
17627.50	-49.01	3.30	12.80	-41.66	-25.00	H
17840.00	-49.54	3.60	12.80	-42.49	-25.00	H

LTE CA_7C, 20MHz+20MHz, QPSK, Channel 21152+21350

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16983.00	-54.49	2.90	16.50	-43.04	-25.00	H
17183.00	-53.58	2.90	14.50	-44.13	-25.00	H
17297.00	-52.87	3.20	14.50	-43.72	-25.00	H
17514.00	-49.79	2.90	12.80	-42.04	-25.00	H
17598.50	-49.58	3.30	12.80	-42.23	-25.00	H
17840.00	-49.61	3.60	12.80	-42.56	-25.00	H

**LTE CA_7C, 20MHz+20MHz, 16QAM, Channel 20850+21048**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16991.50	-54.98	2.90	16.50	-43.53	-25.00	H
17188.00	-53.37	2.90	14.50	-43.92	-25.00	H
17364.50	-52.93	3.20	14.50	-43.78	-25.00	H
17450.00	-51.60	2.90	14.50	-42.15	-25.00	H
17594.50	-48.99	3.30	12.80	-41.64	-25.00	H
17830.50	-49.60	3.60	12.80	-42.55	-25.00	H

LTE CA_7C, 20MHz+20MHz, 16QAM, Channel 21001+21199

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16959.50	-54.83	2.90	16.50	-43.38	-25.00	H
17126.50	-53.68	2.90	14.50	-44.23	-25.00	H
17295.00	-52.75	3.20	14.50	-43.60	-25.00	H
17461.00	-51.64	2.90	14.50	-42.19	-25.00	H
17592.00	-49.16	3.30	12.80	-41.81	-25.00	H
17839.00	-49.61	3.60	12.80	-42.56	-25.00	H

LTE CA_7C, 20MHz+20MHz, 16QAM, Channel 21152+21350

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16982.00	-55.02	2.90	16.50	-43.57	-25.00	H
17204.50	-53.38	2.90	14.50	-43.93	-25.00	H
17367.00	-52.82	3.20	14.50	-43.67	-25.00	H
17512.50	-49.73	2.90	12.80	-41.98	-25.00	H
17600.00	-49.33	3.30	12.80	-41.98	-25.00	H
17839.50	-49.64	3.60	12.80	-42.59	-25.00	H

**LTE CA_7C, 20MHz+20MHz, 64QAM, Channel 20850+21048**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16958.00	-54.70	2.90	16.50	-43.25	-25.00	H
17179.00	-53.45	2.90	14.50	-44.00	-25.00	H
17238.50	-53.22	3.20	14.50	-44.07	-25.00	H
17451.00	-51.54	2.90	14.50	-42.09	-25.00	H
17594.50	-49.15	3.30	12.80	-41.80	-25.00	H
17840.00	-49.43	3.60	12.80	-42.38	-25.00	H

LTE CA_7C, 20MHz+20MHz, 64QAM, Channel 21001+21199

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16989.00	-54.67	2.90	16.50	-43.22	-25.00	H
17190.50	-53.47	2.90	14.50	-44.02	-25.00	H
17297.00	-52.92	3.20	14.50	-43.77	-25.00	H
17506.50	-49.69	2.90	12.80	-41.94	-25.00	H
17596.00	-49.31	3.30	12.80	-41.96	-25.00	H
17809.00	-49.66	3.60	12.80	-42.61	-25.00	H

LTE CA_7C, 20MHz+20MHz, 64QAM, Channel 21152+21350

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
16954.50	-54.71	2.90	16.50	-43.26	-25.00	H
17181.50	-53.65	2.90	14.50	-44.20	-25.00	H
17368.50	-53.23	3.20	14.50	-44.08	-25.00	H
17524.50	-49.77	2.90	12.80	-42.02	-25.00	H
17570.50	-49.58	3.30	12.80	-42.23	-25.00	H
17838.00	-49.73	3.60	12.80	-42.68	-25.00	H

**LTE CA_38C, 20MHz+20MHz, QPSK, Channel 37850+38048**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16981.00	-54.75	2.90	16.50	-41.15	-25.00	H
17139.00	-53.55	2.90	14.50	-41.95	-25.00	H
17299.00	-53.08	3.20	14.50	-41.78	-25.00	H
17455.00	-51.07	2.90	14.50	-39.47	-25.00	H
17525.50	-49.59	2.90	12.80	-39.69	-25.00	H
17839.50	-49.96	3.60	12.80	-40.76	-25.00	H

LTE CA_38C, 20MHz+20MHz, QPSK, Channel 37901+38099

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16982.00	-55.09	2.90	16.50	-41.49	-25.00	H
17208.50	-53.68	2.90	14.50	-42.08	-25.00	H
17342.00	-53.15	3.20	14.50	-41.85	-25.00	H
17509.50	-49.79	2.90	12.80	-39.89	-25.00	H
17617.50	-49.45	3.30	12.80	-39.95	-25.00	H
17839.50	-49.62	3.60	12.80	-40.42	-25.00	H

LTE CA_38C, 20MHz+20MHz, QPSK, Channel 37952+38150

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16991.50	-54.94	2.90	16.50	-41.34	-25.00	H
17172.00	-53.90	2.90	14.50	-42.30	-25.00	H
17293.00	-53.12	3.20	14.50	-41.82	-25.00	H
17503.50	-49.51	2.90	12.80	-39.61	-25.00	H
17588.00	-49.28	3.30	12.80	-39.78	-25.00	H
17779.00	-49.58	3.60	12.80	-40.38	-25.00	H

**LTE CA_38C, 20MHz+20MHz, 16QAM, Channel 37850+38048**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16945.50	-55.03	2.90	16.50	-41.43	-25.00	H
17120.00	-53.43	2.90	14.50	-41.83	-25.00	H
17299.00	-53.19	3.20	14.50	-41.89	-25.00	H
17456.50	-51.23	2.90	14.50	-39.63	-25.00	H
17597.50	-49.03	3.30	12.80	-39.53	-25.00	H
17826.50	-49.70	3.60	12.80	-40.50	-25.00	H

LTE CA_38C, 20MHz+20MHz, 16QAM, Channel 37901+38099

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16939.50	-54.87	2.90	16.50	-41.27	-25.00	H
17214.00	-53.76	2.90	14.50	-42.16	-25.00	H
17299.00	-52.98	3.20	14.50	-41.68	-25.00	H
17509.50	-50.02	2.90	12.80	-40.12	-25.00	H
17619.50	-49.29	3.30	12.80	-39.79	-25.00	H
17834.50	-49.51	3.60	12.80	-40.31	-25.00	H

LTE CA_38C, 20MHz+20MHz, 16QAM, Channel 37952+38150

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16985.00	-55.00	2.90	16.50	-41.40	-25.00	H
17194.50	-53.72	2.90	14.50	-42.12	-25.00	H
17297.00	-52.67	3.20	14.50	-41.37	-25.00	H
17503.50	-49.58	2.90	12.80	-39.68	-25.00	H
17617.00	-49.22	3.30	12.80	-39.72	-25.00	H
17772.50	-49.69	3.60	12.80	-40.49	-25.00	H

**LTE CA_38C, 20MHz+20MHz, 64QAM, Channel 37850+38048**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16980.00	-55.12	2.90	16.50	-41.52	-25.00	H
17188.50	-53.54	2.90	14.50	-41.94	-25.00	H
17273.00	-52.81	3.20	14.50	-41.51	-25.00	H
17413.00	-51.53	2.90	14.50	-39.93	-25.00	H
17622.00	-49.42	3.30	12.80	-39.92	-25.00	H
17833.00	-49.49	3.60	12.80	-40.29	-25.00	H

LTE CA_38C, 20MHz+20MHz, 64QAM, Channel 37901+38099

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16959.50	-54.73	2.90	16.50	-41.13	-25.00	H
17115.00	-53.60	2.90	14.50	-42.00	-25.00	H
17297.00	-53.02	3.20	14.50	-41.72	-25.00	H
17501.50	-49.94	2.90	12.80	-40.04	-25.00	H
17589.00	-49.04	3.30	12.80	-39.54	-25.00	H
17838.00	-49.33	3.60	12.80	-40.13	-25.00	H

LTE CA_38C, 20MHz+20MHz, 64QAM, Channel 37952+38150

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16979.00	-54.94	2.90	16.50	-41.34	-25.00	H
17192.00	-53.44	2.90	14.50	-41.84	-25.00	H
17364.50	-52.97	3.20	14.50	-41.67	-25.00	H
17459.50	-51.64	2.90	14.50	-40.04	-25.00	H
17610.50	-49.43	3.30	12.80	-39.93	-25.00	H
17823.00	-50.03	3.60	12.80	-40.83	-25.00	H

**LTE CA_41C, 20MHz+20MHz, QPSK, Channel 39750+39948**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16951.00	-54.93	2.90	16.50	-41.33	-25.00	H
17168.00	-53.72	2.90	14.50	-42.12	-25.00	H
17303.00	-52.89	3.20	14.50	-41.59	-25.00	H
17465.50	-51.20	2.90	14.50	-39.60	-25.00	H
17620.00	-49.52	3.30	12.80	-40.02	-25.00	H
17817.50	-49.54	3.60	12.80	-40.34	-25.00	H

LTE CA_41C, 20MHz+20MHz, QPSK, Channel 40521+40719

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16955.50	-54.84	2.90	16.50	-41.24	-25.00	H
17117.00	-53.47	2.90	14.50	-41.87	-25.00	H
17279.00	-52.82	3.20	14.50	-41.52	-25.00	H
17524.00	-49.80	2.90	12.80	-39.90	-25.00	H
17617.00	-49.23	3.30	12.80	-39.73	-25.00	H
17839.50	-49.25	3.60	12.80	-40.05	-25.00	H

LTE CA_41C, 20MHz+20MHz, QPSK, Channel 41292+41490

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16981.50	-55.09	2.90	16.50	-41.49	-25.00	H
17168.00	-53.87	2.90	14.50	-42.27	-25.00	H
17297.00	-52.92	3.20	14.50	-41.62	-25.00	H
17521.00	-49.81	2.90	12.80	-39.91	-25.00	H
17622.00	-49.17	3.30	12.80	-39.67	-25.00	H
17839.50	-49.75	3.60	12.80	-40.55	-25.00	H

**LTE CA_41C, 20MHz+20MHz, 16QAM, Channel 39750+39948**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16991.50	-54.65	2.90	16.50	-41.05	-25.00	H
17211.50	-53.38	2.90	14.50	-41.78	-25.00	H
17299.00	-53.16	3.20	14.50	-41.86	-25.00	H
17505.00	-49.87	2.90	12.80	-39.97	-25.00	H
17623.50	-49.34	3.30	12.80	-39.84	-25.00	H
17825.00	-49.73	3.60	12.80	-40.53	-25.00	H

LTE CA_41C, 20MHz+20MHz, 16QAM, Channel 40521+40719

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16976.50	-54.93	2.90	16.50	-41.33	-25.00	H
17183.00	-53.36	2.90	14.50	-41.76	-25.00	H
17283.00	-52.73	3.20	14.50	-41.43	-25.00	H
17525.00	-49.81	2.90	12.80	-39.91	-25.00	H
17573.00	-49.32	3.30	12.80	-39.82	-25.00	H
17822.50	-49.63	3.60	12.80	-40.43	-25.00	H

LTE CA_41C, 20MHz+20MHz, 16QAM, Channel 41292+41490

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16995.50	-54.92	2.90	16.50	-41.32	-25.00	H
17120.00	-53.48	2.90	14.50	-41.88	-25.00	H
17302.00	-53.30	3.20	14.50	-42.00	-25.00	H
17451.00	-51.65	2.90	14.50	-40.05	-25.00	H
17588.50	-49.43	3.30	12.80	-39.93	-25.00	H
17823.50	-49.67	3.60	12.80	-40.47	-25.00	H

**LTE CA_41C, 20MHz+20MHz, 64QAM, Channel 39750+39948**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16935.50	-55.04	2.90	16.50	-41.44	-25.00	H
17188.00	-53.70	2.90	14.50	-42.10	-25.00	H
17303.00	-52.65	3.20	14.50	-41.35	-25.00	H
17456.00	-51.62	2.90	14.50	-40.02	-25.00	H
17590.00	-49.38	3.30	12.80	-39.88	-25.00	H
17839.00	-49.79	3.60	12.80	-40.59	-25.00	H

LTE CA_41C, 20MHz+20MHz, 64QAM, Channel 40521+40719

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16987.00	-54.82	2.90	16.50	-41.22	-25.00	H
17204.50	-53.68	2.90	14.50	-42.08	-25.00	H
17303.00	-52.94	3.20	14.50	-41.64	-25.00	H
17505.50	-49.80	2.90	12.80	-39.90	-25.00	H
17574.00	-49.01	3.30	12.80	-39.51	-25.00	H
17837.50	-49.87	3.60	12.80	-40.67	-25.00	H

LTE CA_41C, 20MHz+20MHz, 64QAM, Channel 41292+41490

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
16986.50	-54.87	2.90	16.50	-41.27	-25.00	H
17120.00	-53.37	2.90	14.50	-41.77	-25.00	H
17245.50	-53.28	3.20	14.50	-41.98	-25.00	H
17511.50	-49.71	2.90	12.80	-39.81	-25.00	H
17616.00	-49.48	3.30	12.80	-39.98	-25.00	H
17840.00	-49.76	3.60	12.80	-40.56	-25.00	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

A.3.1 Method of Measurement

Frequency stability is a measure of the frequency drift due to temperature and supply voltage variations, with reference to the frequency measured at +20 °C and rated supply voltage. Two reference points are established at the applicable unwanted emissions limit using a RBW equal to the RBW required by the unwanted emissions specification of the applicable regulatory standard. These reference points measured using the lowest and highest channel of operation shall be identified as F_L and F_H respectively.

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 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 each band, 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. Re-measure carrier frequency at room temperature with nominal voltage. Vary supply voltage from minimum voltage to maximum voltage, in 0.1Volt increments e-measuring 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 +50°C to -30°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, 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	7.70	1850.800	1909.780		
50				0.00	0.0000
40				0.16	0.0001
30				0.33	0.0002
10				-0.04	0.0000
0				0.93	0.0005
-10				-0.13	0.0001
-20				0.10	0.0001
-30				-0.04	0.0000

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
5.30	20	1850.800	1909.780	0.72	0.0004
9.16				0.59	0.0003

Expanded measurement uncertainty is 10 Hz, $k = 2$

LTE Band 4, 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	7.70	1710.890	1754.130		
40				0.86	0.0005
30				0.36	0.0002
20				0.44	0.0003
10				0.77	0.0004
0				0.67	0.0004
-10				0.60	0.0003
-20				0.57	0.0003
-30				0.06	0.0000

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
5.30	20	1710.890	1754.130	-0.62	0.0004
9.16				0.19	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	7.70	824.230	848.890		
40				-0.57	0.0007
30				-0.10	0.0001
20				0.06	0.0001
10				0.13	0.0002
0				-0.63	0.0008
-10				-0.09	0.0001
-20				0.13	0.0002
-30				0.04	0.0001

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
5.30	20	824.230	848.890	-0.56	0.0007
9.16				-0.06	0.0001

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	7.70	2500.700	2569.320		
50				1.15	0.0005
40				0.93	0.0004
30				0.93	0.0004
10				0.66	0.0003
0				-0.44	0.0002
-10				0.66	0.0003
-20				-0.41	0.0002
-30				-0.09	0.0000

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
5.30	20	2500.700	2569.320	-0.11	0.0000
9.16				-0.03	0.0000

Expanded measurement uncertainty is 10 Hz, $k = 2$



LTE Band 12, 1.4MHz bandwidth (worst case of all bandwidths)

Frequency Error vs Temperature

Temperature(°C)	Voltage(V)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
20	7.70	699.320	715.660		
50				0.03	0.0000
40				-0.04	0.0001
30				-0.23	0.0003
10				-0.52	0.0007
0				-0.17	0.0002
-10				-0.20	0.0003
-20				-0.43	0.0006
-30				-0.40	0.0006

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
5.30	20	699.320	715.660	-0.57	0.0008
9.16				-0.74	0.0011

Expanded measurement uncertainty is 10Hz, k = 2

LTE Band 13, 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	7.70	777.364	786.650		
50				0.70	0.0009
40				-0.13	0.0002
30				-0.57	0.0007
10				-0.63	0.0008
0				-0.44	0.0006
-10				-0.70	0.0009
-20				-0.16	0.0002
-30				-0.44	0.0006

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
5.30	20	777.364	786.650	-0.23	0.0003
9.16				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	7.70	704.060	715.910		
40				-0.70	0.0010
30				-0.42	0.0006
20				-0.39	0.0005
10				-0.72	0.0010
0				-0.67	0.0009
-10				-0.29	0.0004
-20				-0.59	0.0008
-30				-0.37	0.0005

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
5.30	20	704.060	715.910	-0.82	0.0011
9.16				-0.62	0.0009

Expanded measurement uncertainty is 10Hz, k = 2

LTE Band 26(814MHz-824MHz), 1.4MHz bandwidth (worst case of all bandwidths)

Frequency Error vs Temperature

Temperature(°C)	Voltage(V)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
20	7.70	814.060	823.690		
50				-0.93	0.0011
40				-0.99	0.0012
30				-0.46	0.0006
10				-0.17	0.0002
0				-0.79	0.0010
-10				-0.29	0.0003
-20				-0.23	0.0003
-30				-0.13	0.0002

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
5.30	20	814.060	823.690	-0.07	0.0001
9.16				-0.69	0.0008

Expanded measurement uncertainty is 10Hz, k = 2



LTE Band 26(824MHz-849MHz), 1.4MHz bandwidth (worst case of all bandwidths)

Frequency Error vs Temperature

Temperature(°C)	Voltage(V)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
20	7.70	824.160	848.800		
50				-0.14	0.0002
40				0.19	0.0002
30				-0.06	0.0001
10				0.31	0.0004
0				0.34	0.0004
-10				0.33	0.0004
-20				0.10	0.0001
-30				1.03	0.0012

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
5.30	20	824.160	848.800	0.52	0.0006
9.16				0.07	0.0001

Expanded measurement uncertainty is 10Hz, k = 2

LTE Band 38, 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	7.70	2570.520	2619.480		
50				-0.62	0.0002
40				-0.32	0.0001
30				0.60	0.0002
10				-0.03	0.0000
0				0.50	0.0002
-10				0.00	0.0000
-20				0.42	0.0002
-30				0.21	0.0001

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
5.30	20	2570.520	2619.480	0.50	0.0002
9.16				-0.27	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	7.70	2496.480	2689.460		
50				0.46	0.0002
40				0.36	0.0001
30				1.03	0.0004
10				0.95	0.0004
0				0.77	0.0003
-10				0.96	0.0004
-20				-0.49	0.0002
-30				0.17	0.0001

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
5.30	20	2496.480	2689.460	0.54	0.0002
9.16				-0.37	0.0001

Expanded measurement uncertainty is 10 Hz, k = 2

LTE Band 66, 1.4MHz bandwidth (worst case of all bandwidths)

Frequency Error vs Temperature

Temperature(°C)	Voltage(V)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
20	7.70	1710.890	1779.120		
50				-0.06	0.0000
40				0.63	0.0004
30				0.24	0.0001
10				0.39	0.0002
0				-0.17	0.0001
-10				0.53	0.0003
-20				-0.44	0.0003
-30				0.07	0.0000

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
5.30	20	1710.890	1779.120	1.17	0.0007
9.16				0.44	0.0003

Expanded measurement uncertainty is 10Hz, k = 2



LTE CA_7C, 20MHz+20MHz bandwidth QPSK(worst case of all bandwidths)

Frequency Error vs Voltage

Temperature(°C)	Voltage(V)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
20	7.70	2500.560	2569.460		
50				1.14	0.0005
40				-0.15	0.0001
30				-0.19	0.0001
10				0.53	0.0002
0				0.34	0.0001
-10				0.53	0.0002
-20				0.55	0.0002
-30				0.38	0.0001

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
5.30	20	2500.560	2569.460	0.79	0.0003
9.16				1.59	0.0006

LTE CA_38C, 20MHz+20MHz bandwidth QPSK(worst case of all bandwidths)

Frequency Error vs Voltage

Temperature(°C)	Voltage(V)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
20	7.70	2570.600	2619.380		
50				-0.94	0.0004
40				-1.05	0.0004
30				-0.34	0.0001
10				-1.65	0.0006
0				-1.49	0.0006
-10				-1.67	0.0006
-20				-1.28	0.0005
-30				0.19	0.0001

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
5.30	20	2570.600	2619.380	-1.14	0.0004
9.16				0.10	0.0000



LTE CA_41C, 20MHz+20MHz bandwidth QPSK(worst case of all bandwidths)

Frequency Error vs Voltage

Temperature(°C)	Voltage(V)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
20	7.70	2496.880	2689.100		
50				0.55	0.0002
40				0.60	0.0002
30				-0.14	0.0001
10				-0.21	0.0001
0				-0.01	0.0000
-10				0.18	0.0001
-20				0.87	0.0003
-30				-0.18	0.0001

Frequency Error vs Voltage

Voltage(V)	Temperature(°C)	FL(MHz)	FH(MHz)	Offset(Hz)	Frequency error(ppm)
5.30	20	2496.880	2689.100	0.69	0.0003
9.16				-0.28	0.0001



A.4 OCCUPIED BANDWIDTH

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 frequency. The table below lists the measured 99% BW. Spectrum analyzer plots are included on the following pages. The measurement method is from ANSI C63.26:

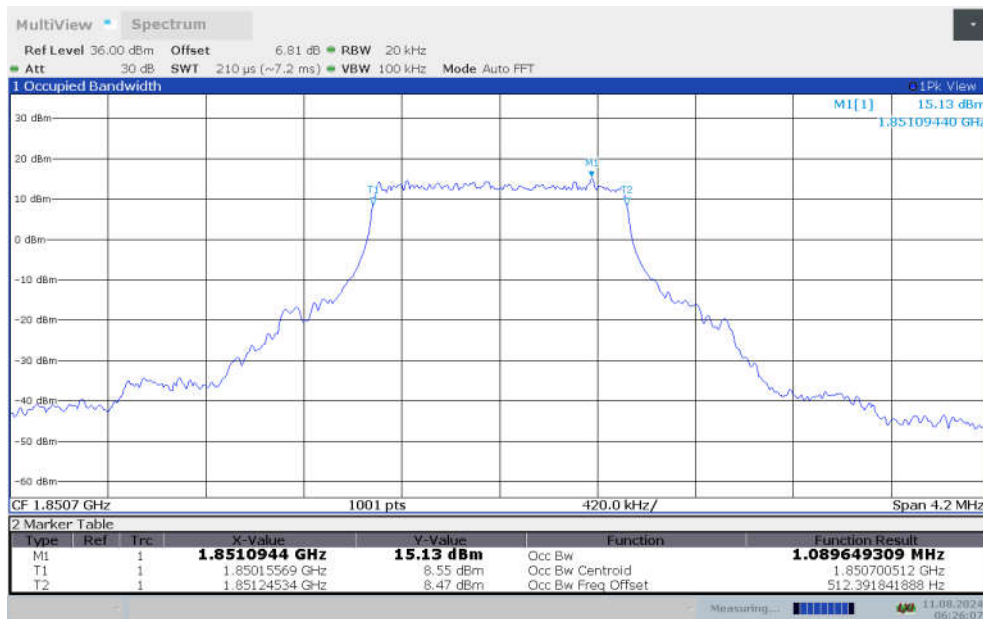
- a) The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be set wide enough to capture all modulation products including the emission skirts.
- b) The nominal IF filter 3 dB bandwidth (RBW) shall be in the range of 1% to 5% of the anticipated OBW, and the VBW shall be set $\geq 3 \times$ RBW.
- c) Set the reference level of the instrument as required to prevent the signal amplitude from exceeding the maximum spectrum analyzer input mixer level for linear operation.
- d) Set the detection mode to peak, and the trace mode to max-hold.



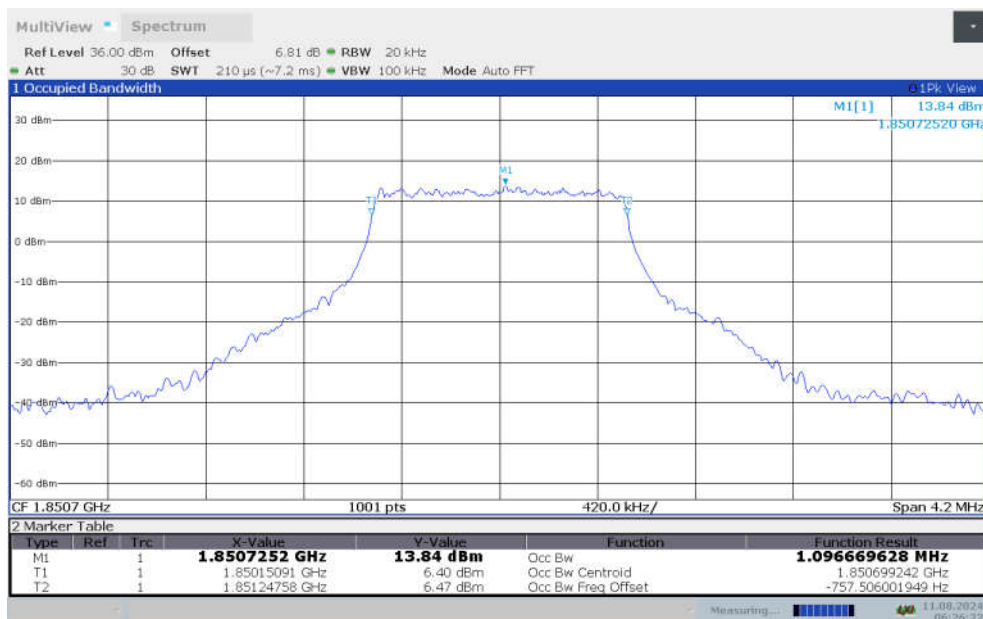
LTE Band 2,1.4MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
1850.7	1.090	1.097
1880	1.095	1.093
1909.3	1.092	1.092

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

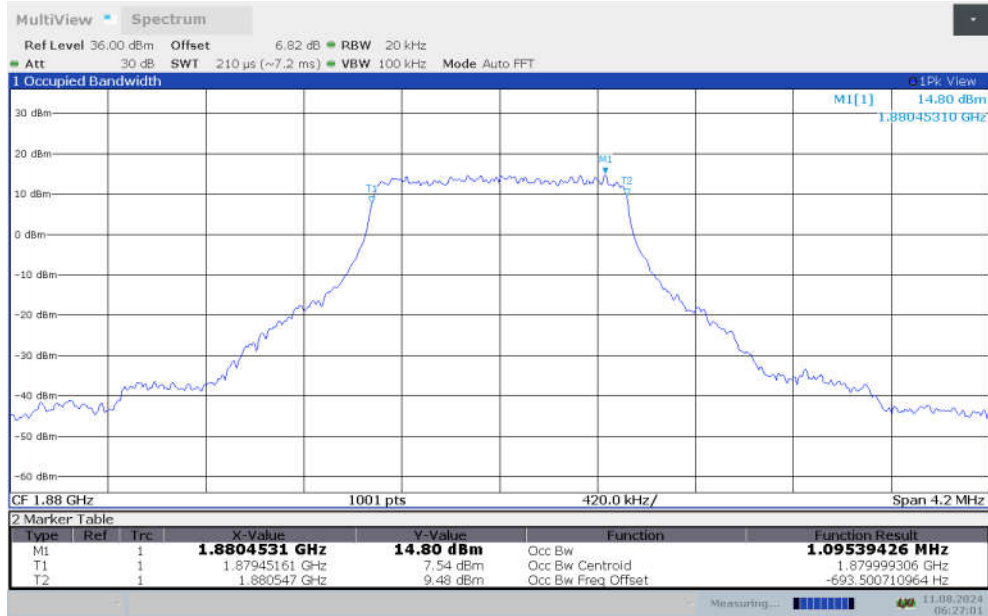


LTE Band 2 , 1.4MHz Bandwidth,LOW,16QAM (99% BW)

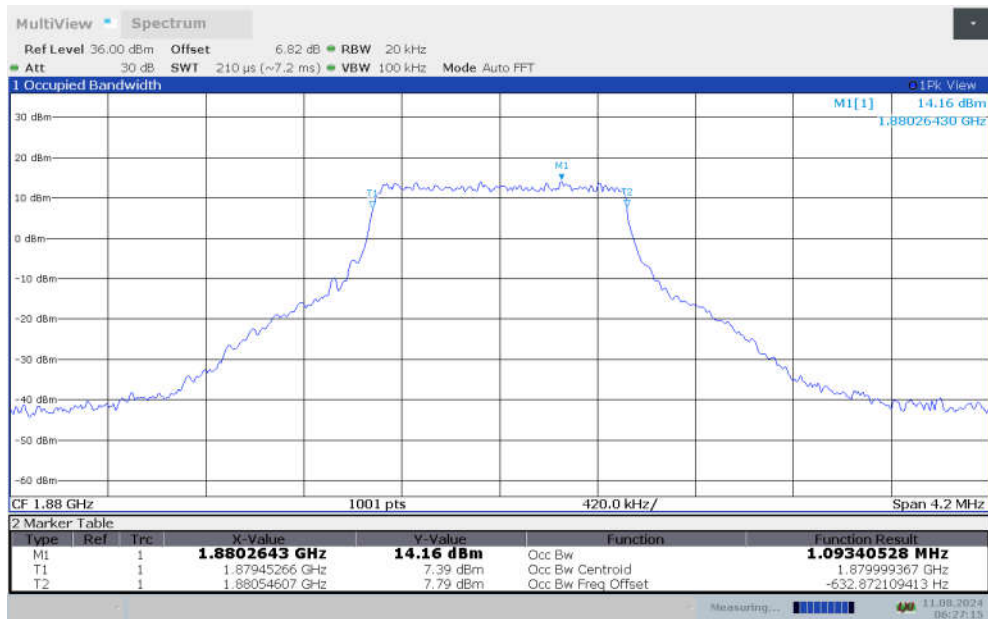




LTE Band 2 , 1.4MHz Bandwidth,MID,QPSK (99% BW)

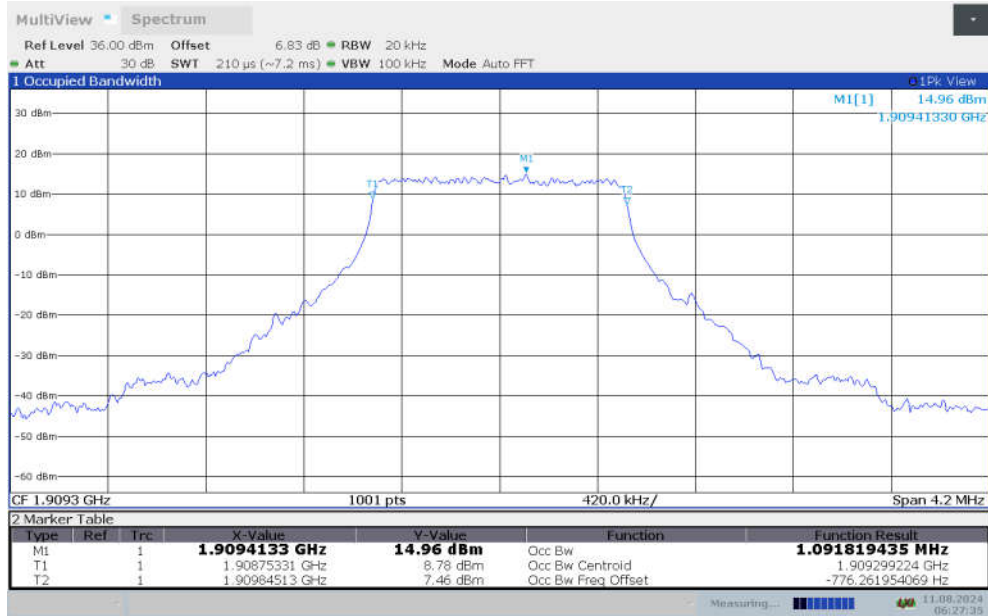


LTE Band 2 , 1.4MHz Bandwidth,MID,16QAM (99% BW)

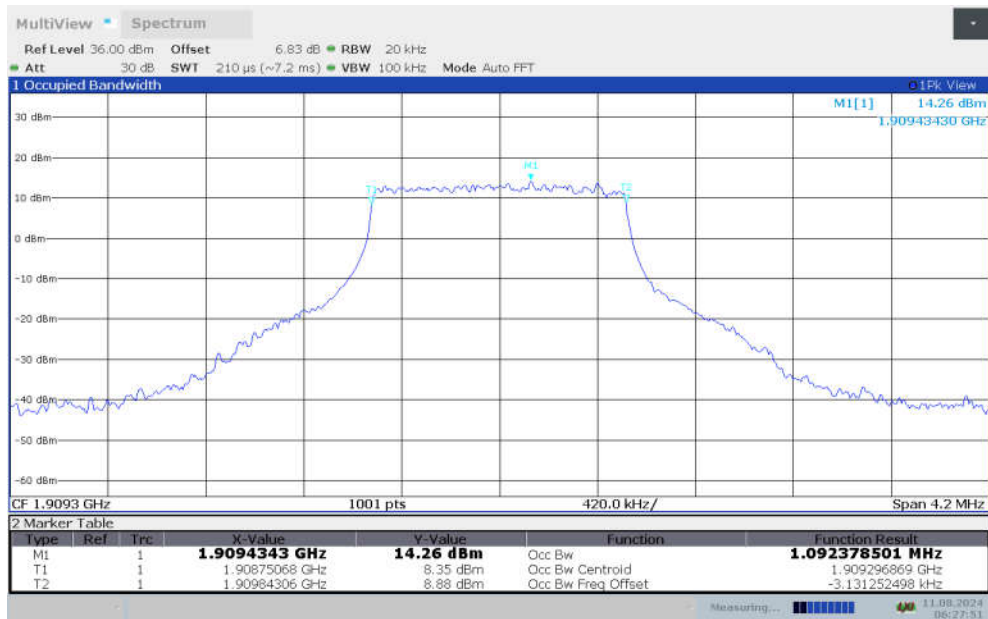




LTE Band 2 , 1.4MHz Bandwidth,HIGH,QPSK (99% BW)



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

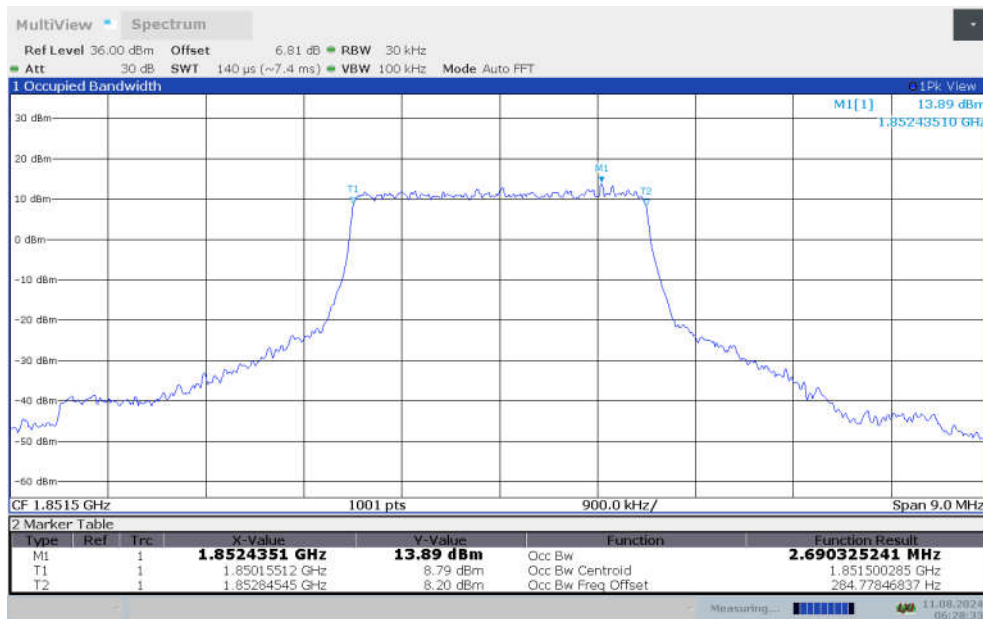




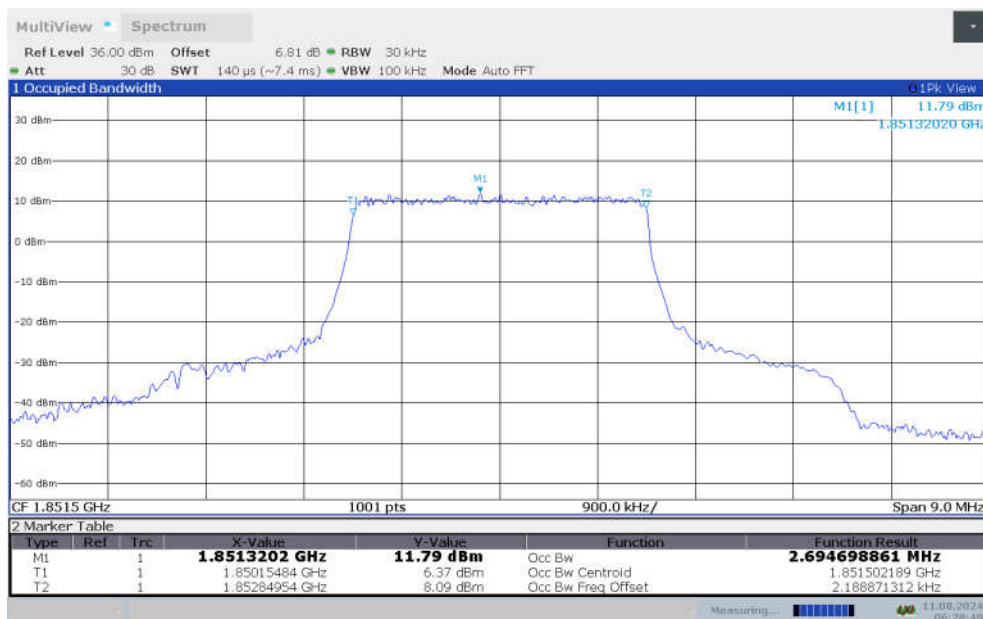
LTE Band 2,3MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
1851.5	2.690	2.695
1880	2.691	2.689
1908.5	2.691	2.686

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

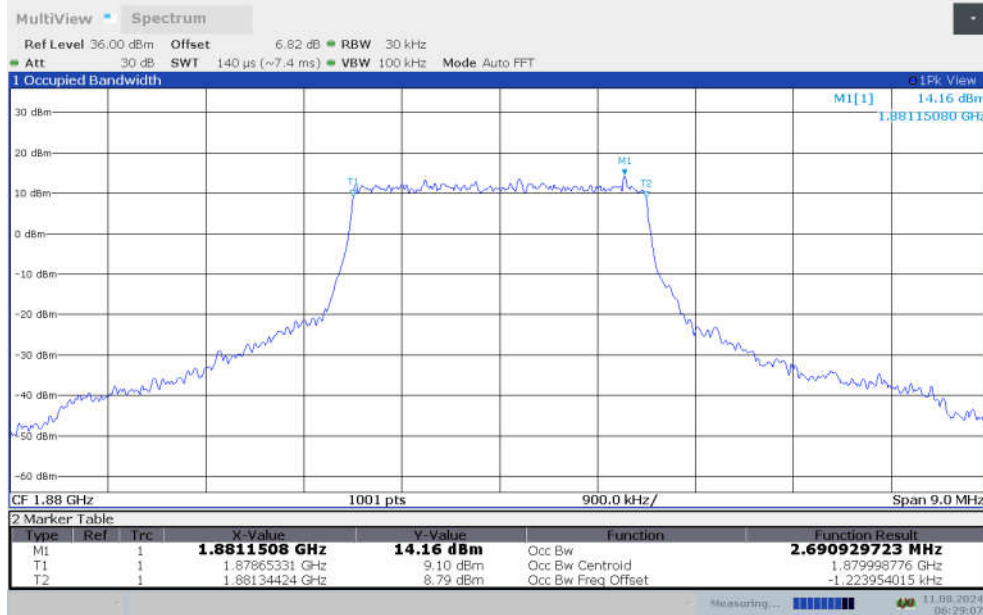


LTE Band 2 , 3MHz Bandwidth,LOW,16QAM (99% BW)

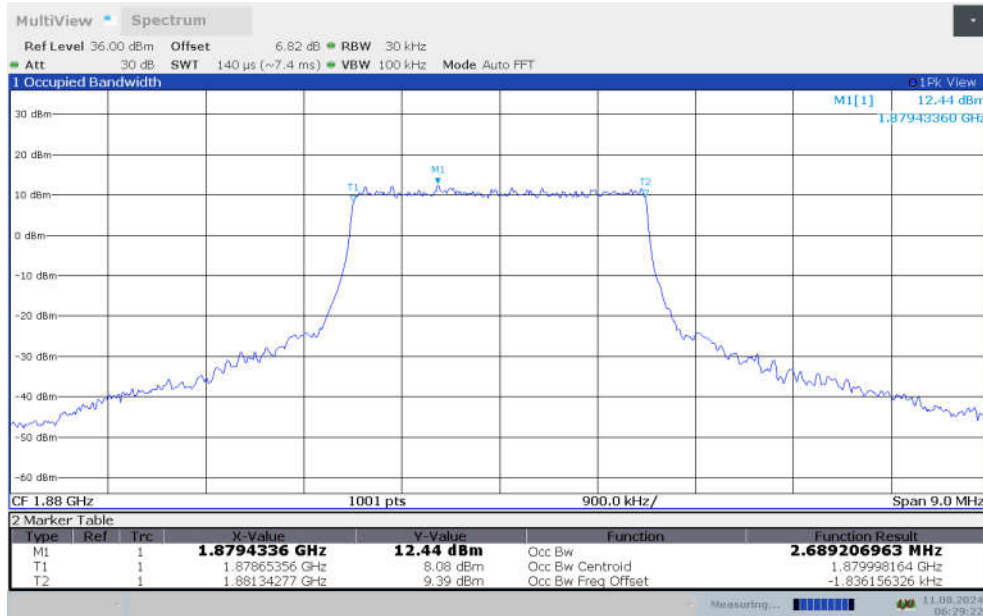




LTE Band 2 , 3MHz Bandwidth,MID,QPSK (99% BW)

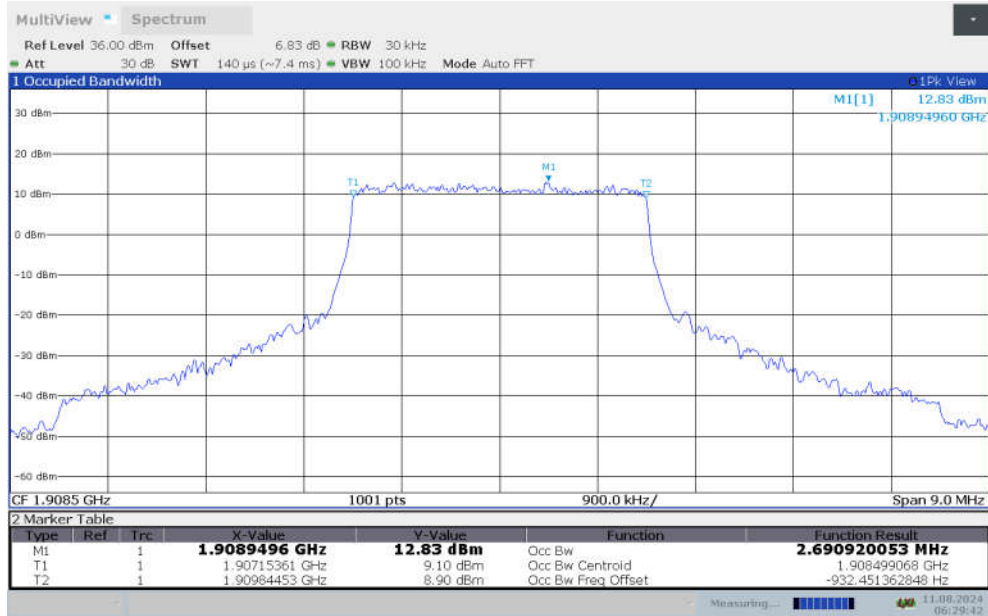


LTE Band 2 , 3MHz Bandwidth,MID,16QAM (99% BW)

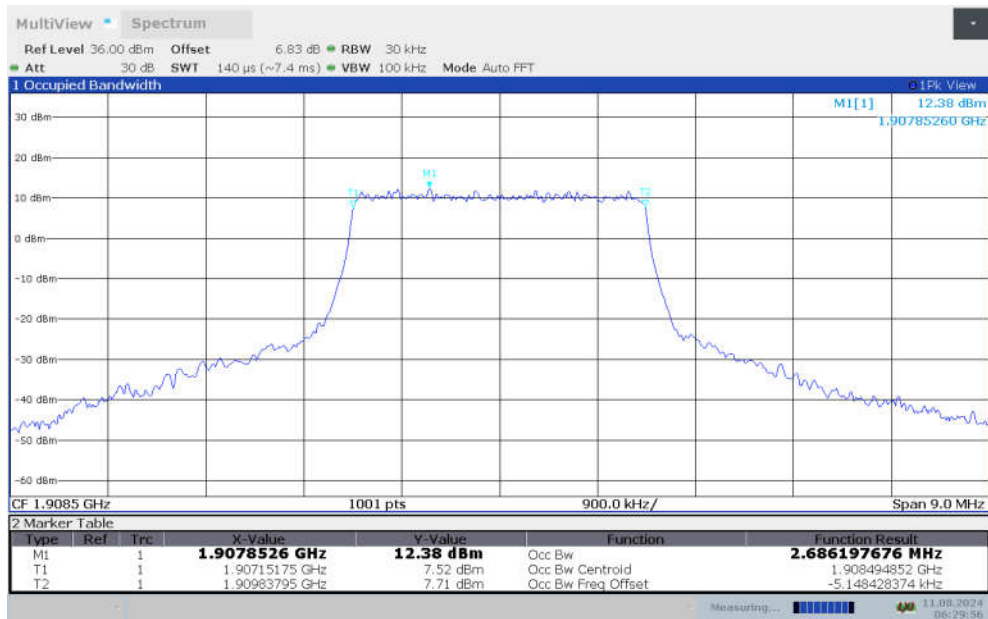




LTE Band 2 , 3MHz Bandwidth,HIGH,QPSK (99% BW)



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

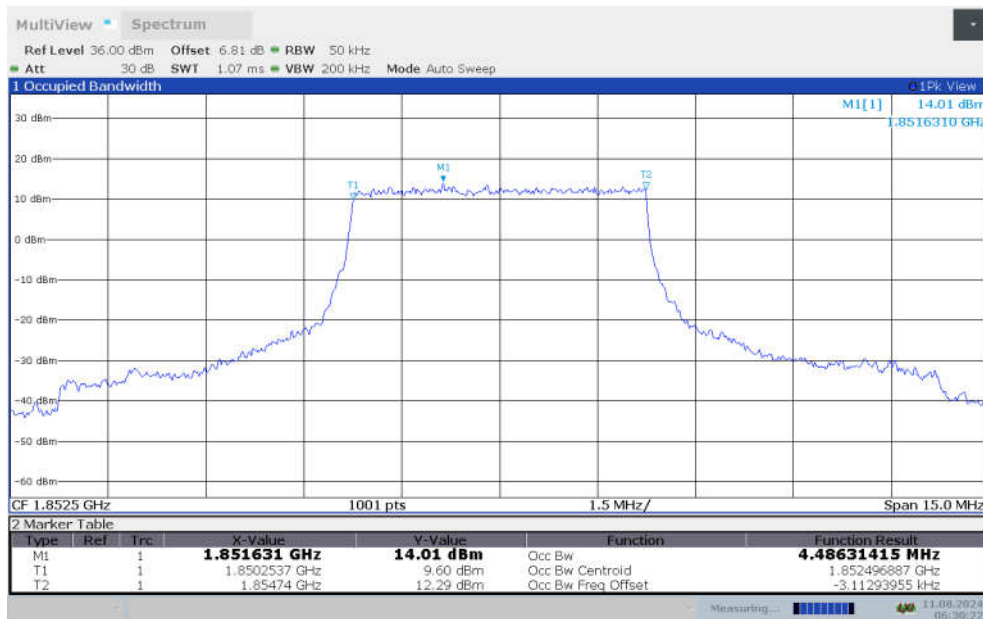




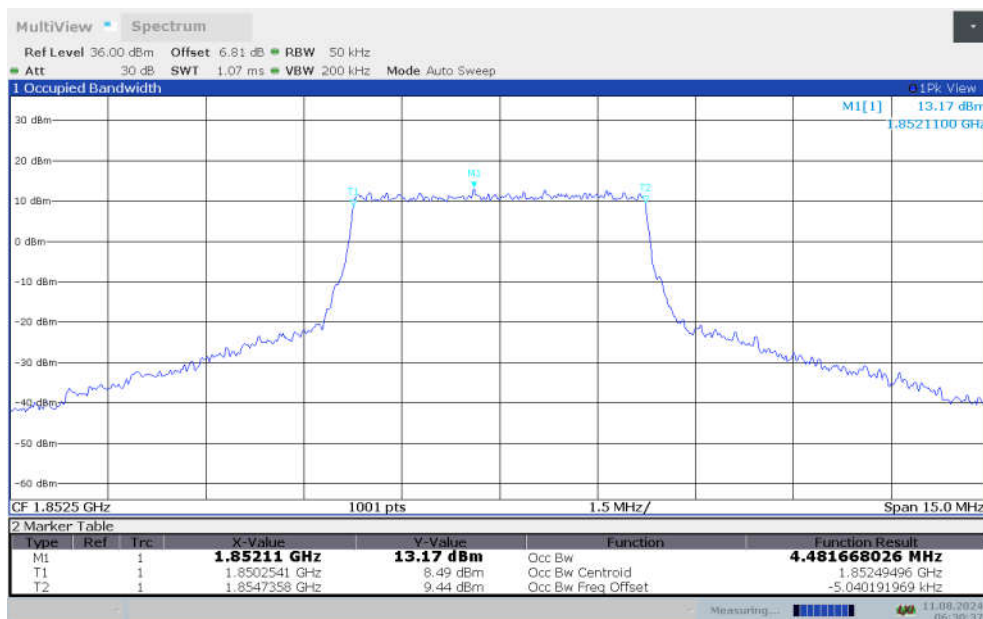
LTE Band 2,5MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
1852.5	4.486	4.482
1880	4.485	4.478
1907.5	4.482	4.486

LTE Band 2 , 5MHz Bandwidth,LOW,QPSK (99% BW)

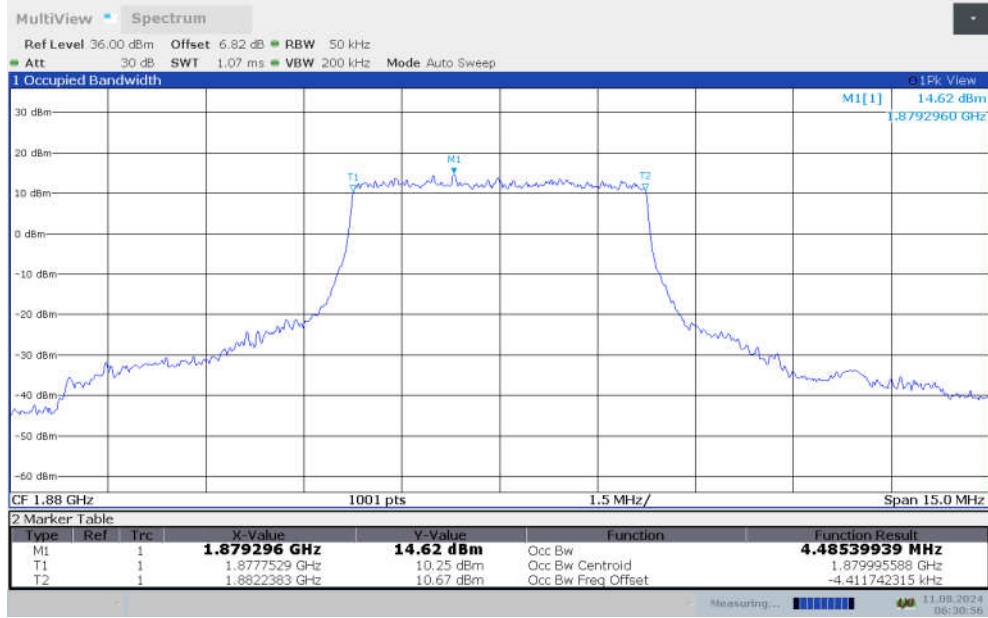


LTE Band 2 , 5MHz Bandwidth,LOW,16QAM (99% BW)

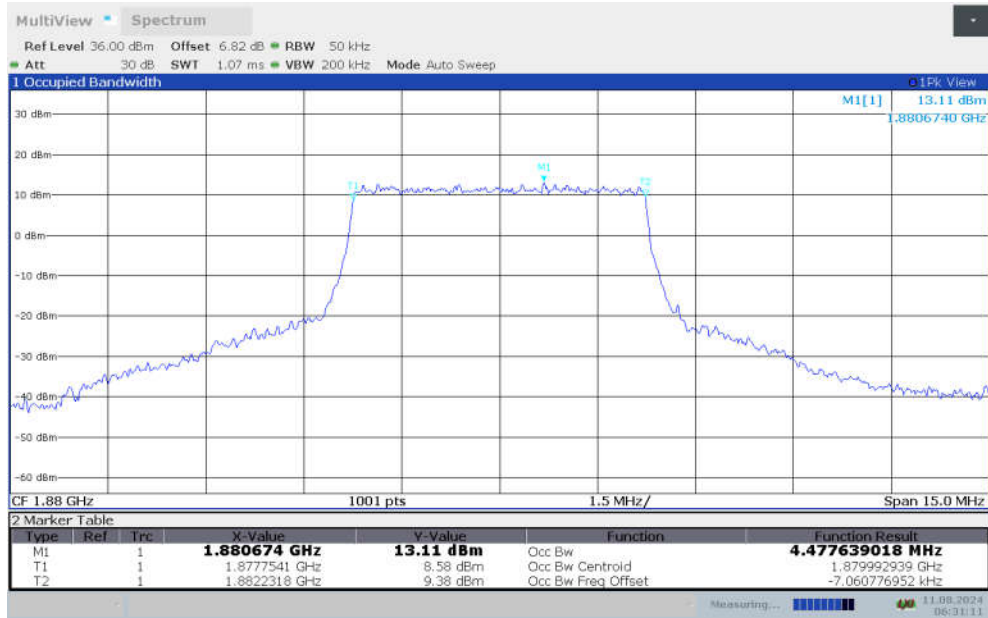




LTE Band 2 , 5MHz Bandwidth,MID,QPSK (99% BW)

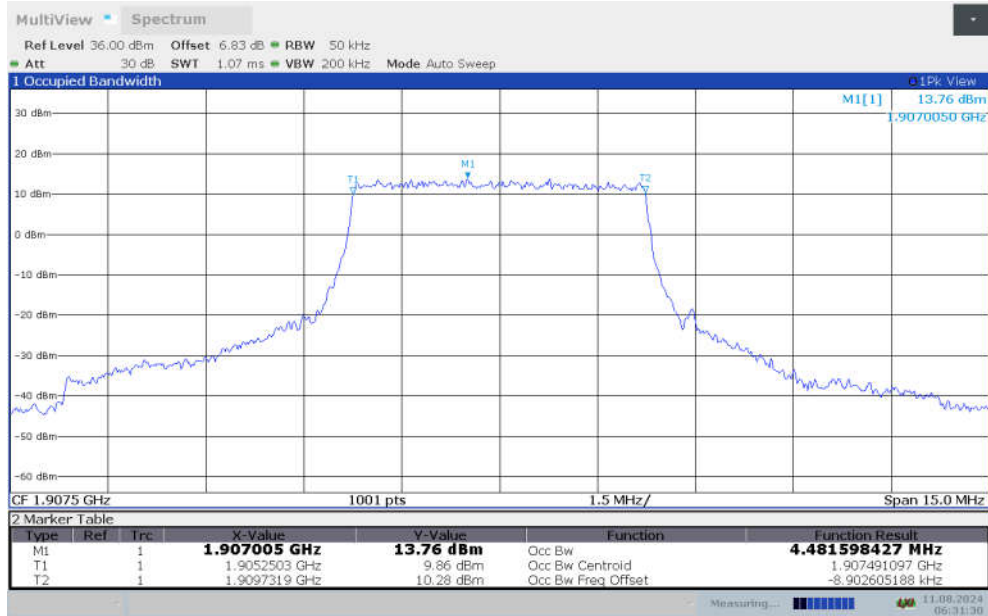


LTE Band 2 , 5MHz Bandwidth,MID,16QAM (99% BW)

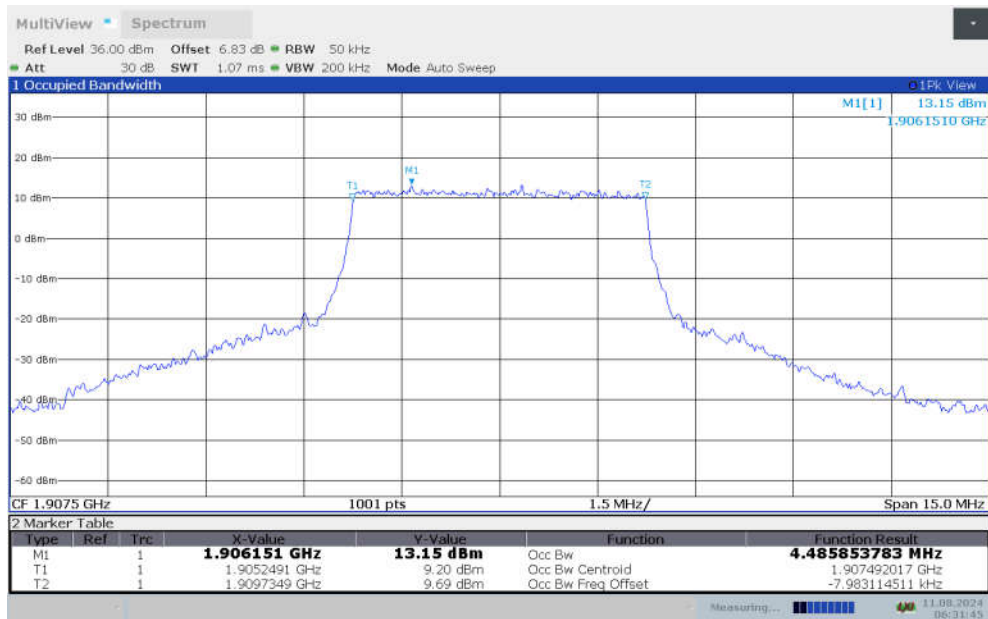




LTE Band 2 , 5MHz Bandwidth,HIGH,QPSK (99% BW)



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

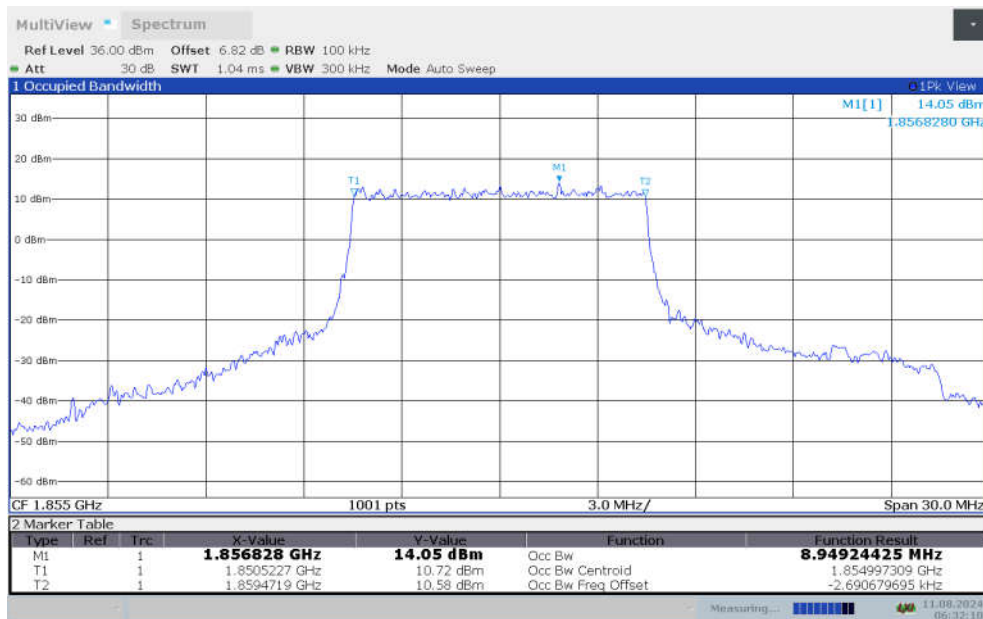




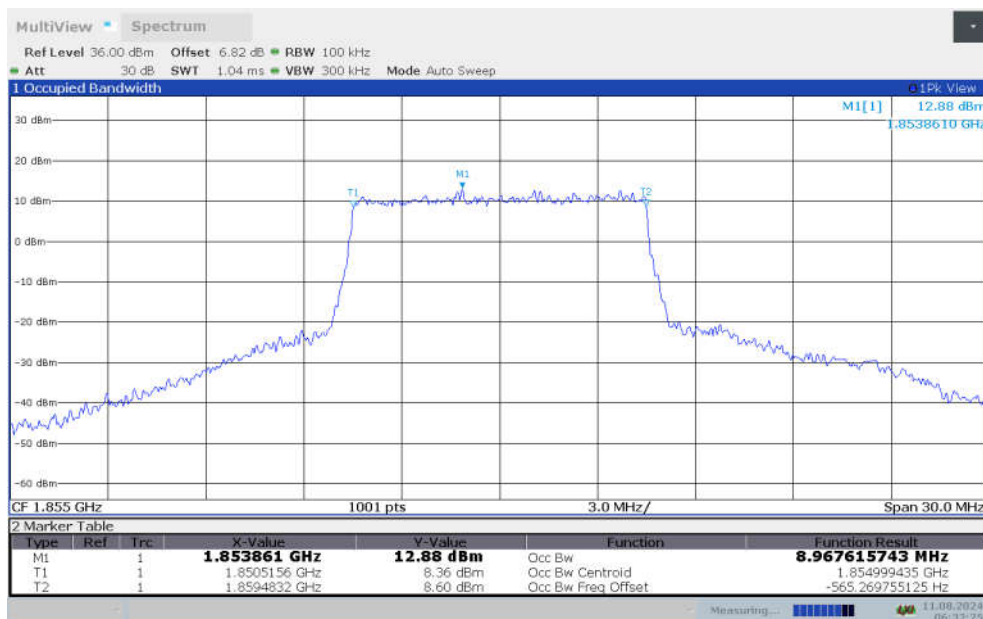
LTE Band 2,10MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
1855	8.949	8.968
1880	8.962	8.960
1905	8.961	8.957

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

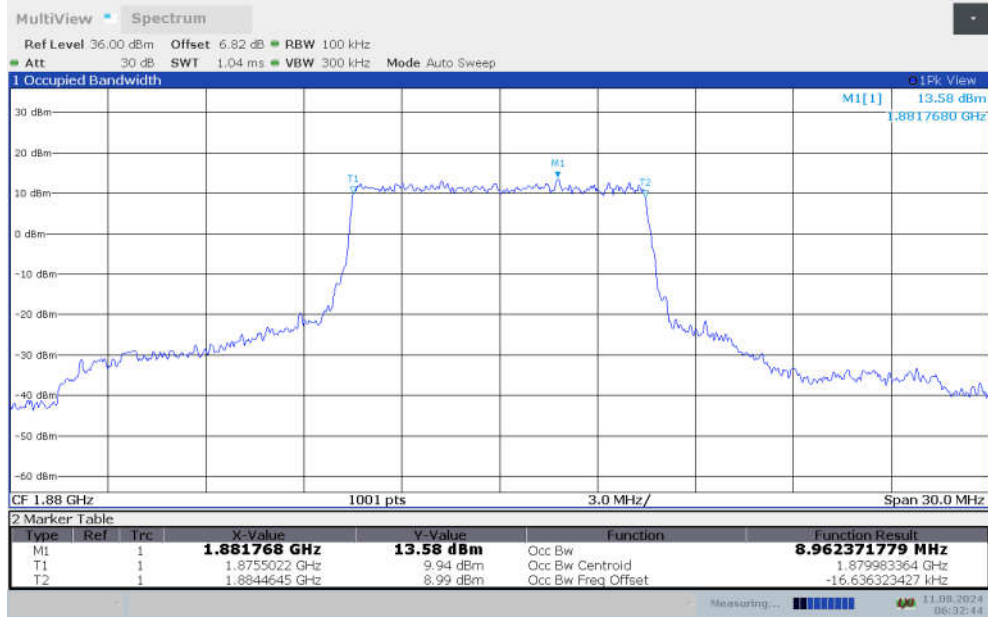


LTE Band 2 , 10MHz Bandwidth,LOW,16QAM (99% BW)

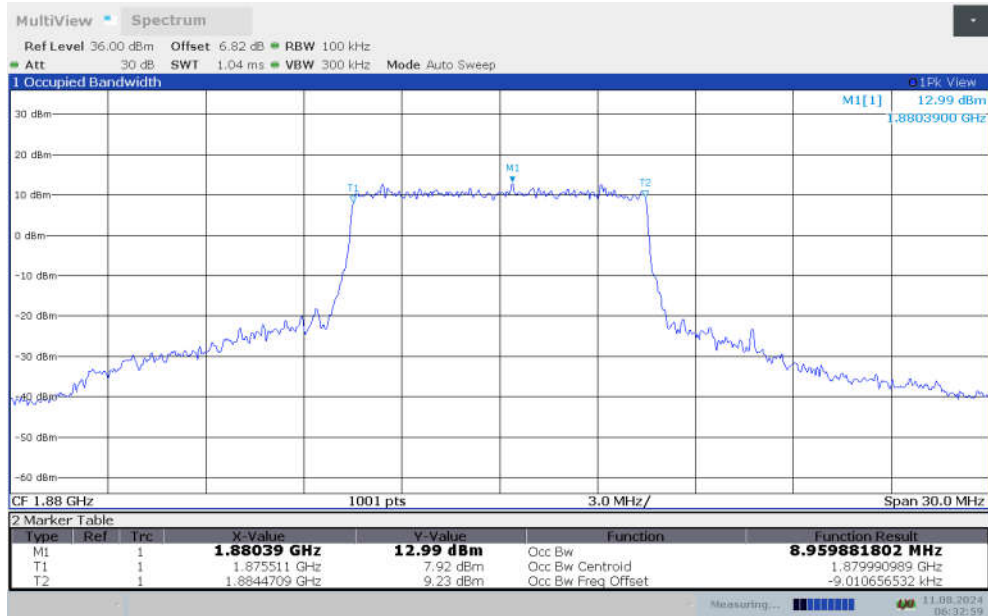




LTE Band 2 , 10MHz Bandwidth,MID,QPSK (99% BW)

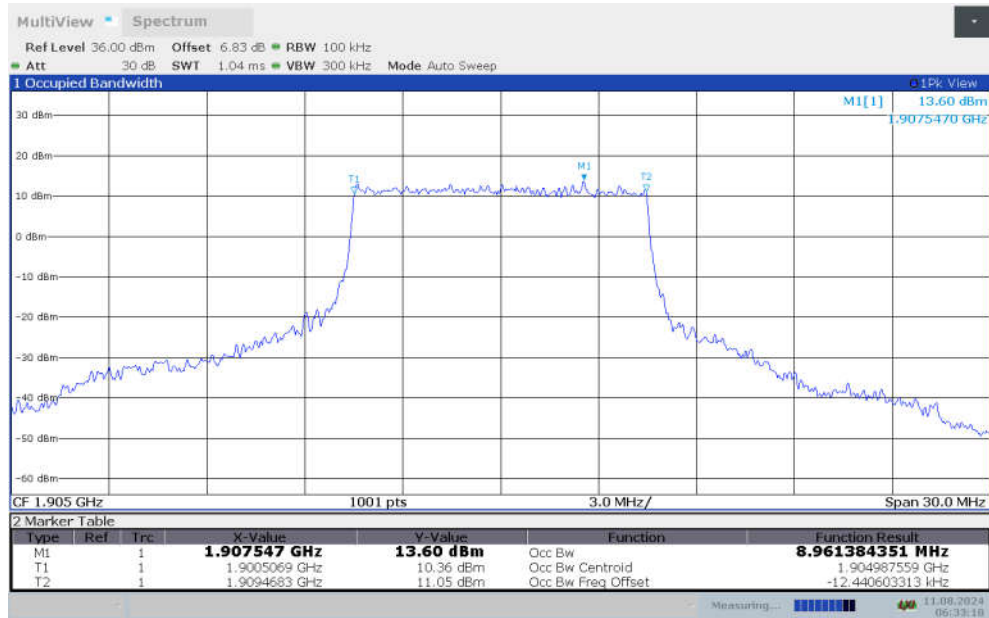


LTE Band 2 , 10MHz Bandwidth,MID,16QAM (99% BW)

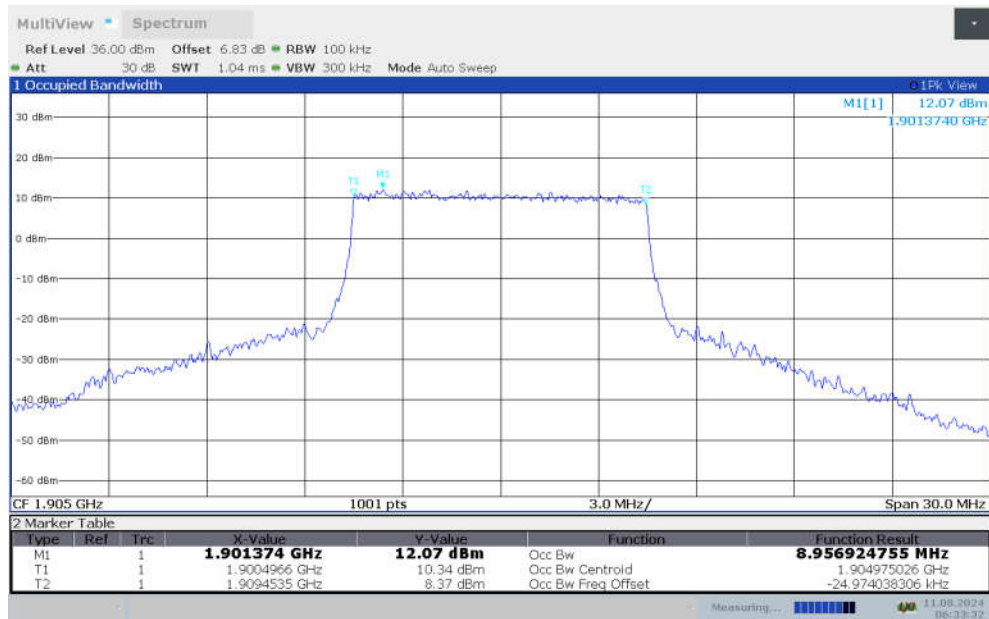




LTE Band 2 , 10MHz Bandwidth,HIGH,QPSK (99% BW)



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

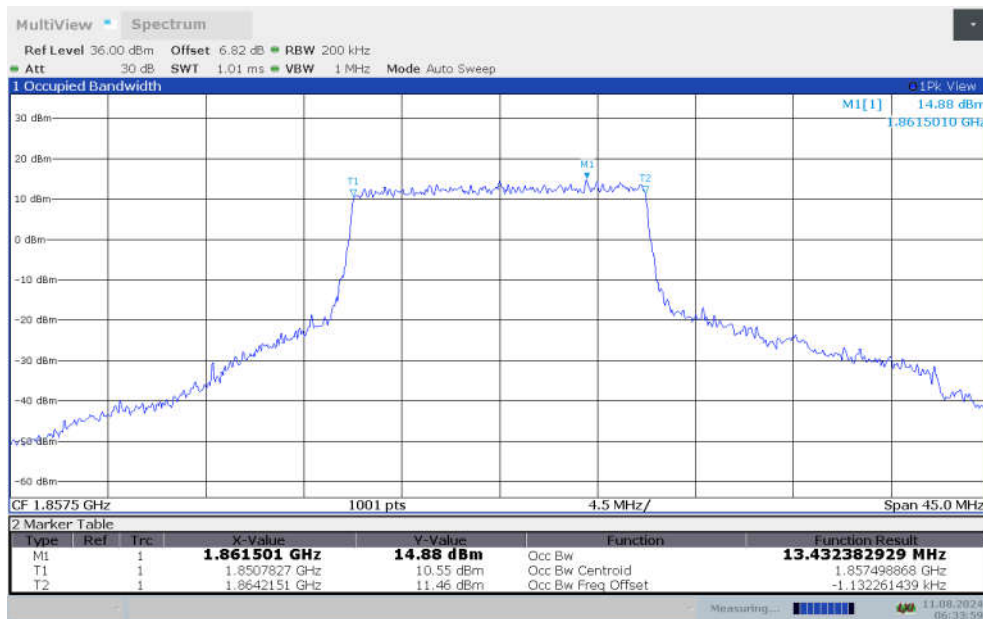




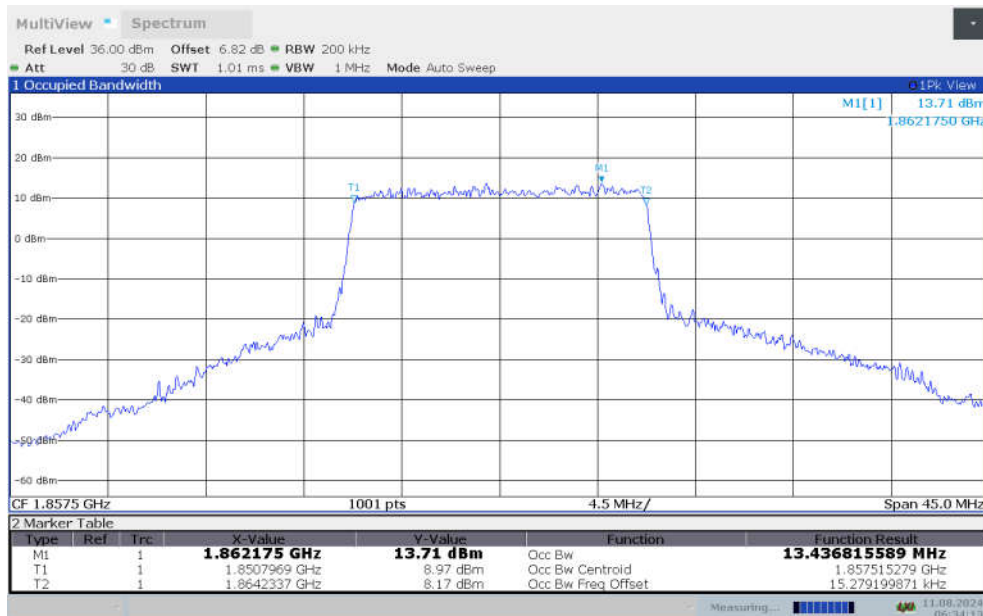
LTE Band 2,15MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
1857.5	13.432	13.437
1880	13.461	13.456
1902.5	13.449	13.474

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

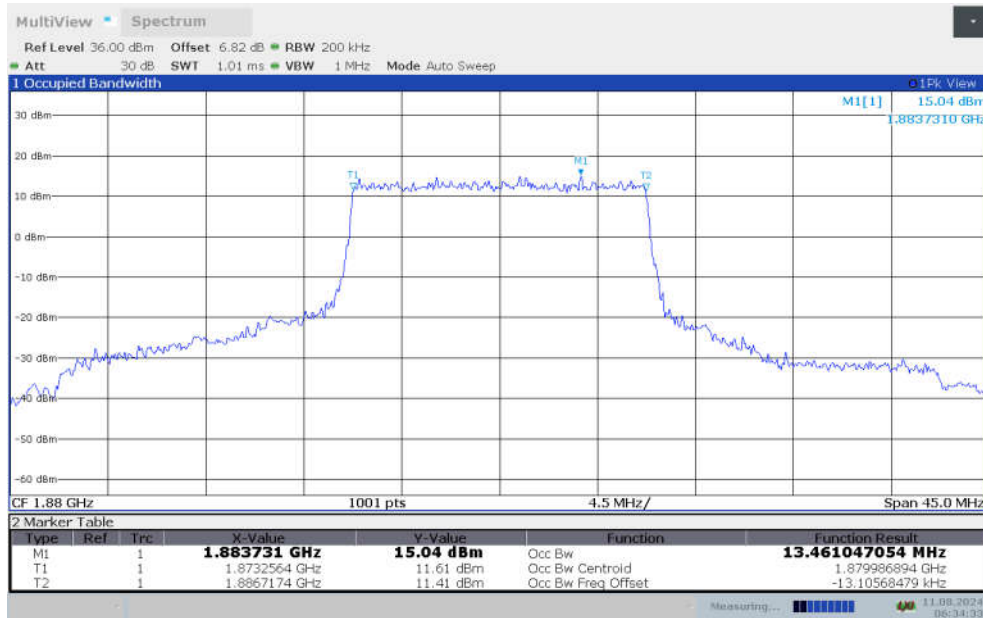


LTE Band 2 , 15MHz Bandwidth,LOW,16QAM (99% BW)

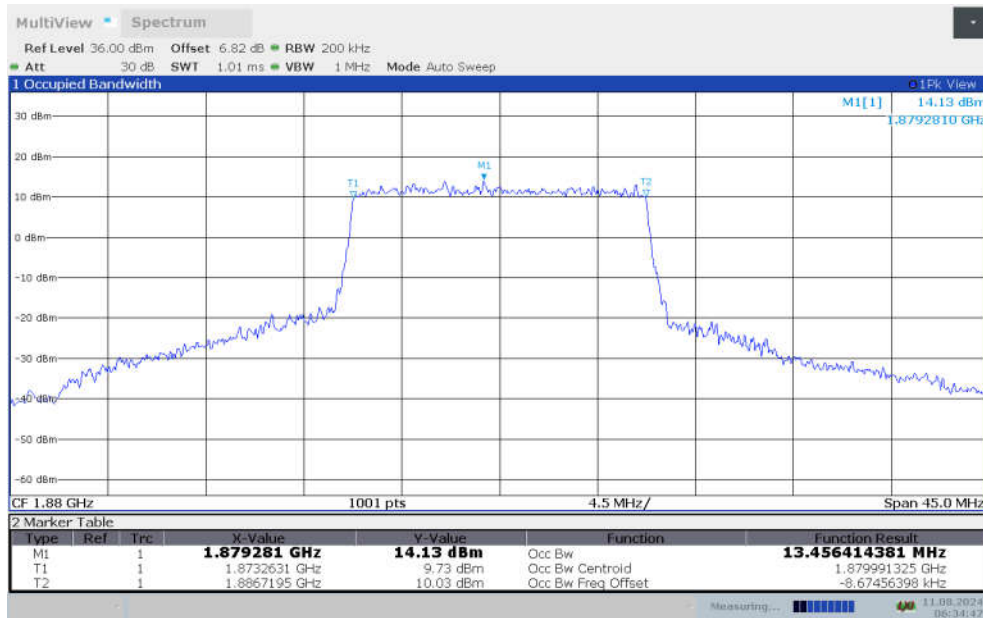




LTE Band 2 , 15MHz Bandwidth,MID,QPSK (99% BW)

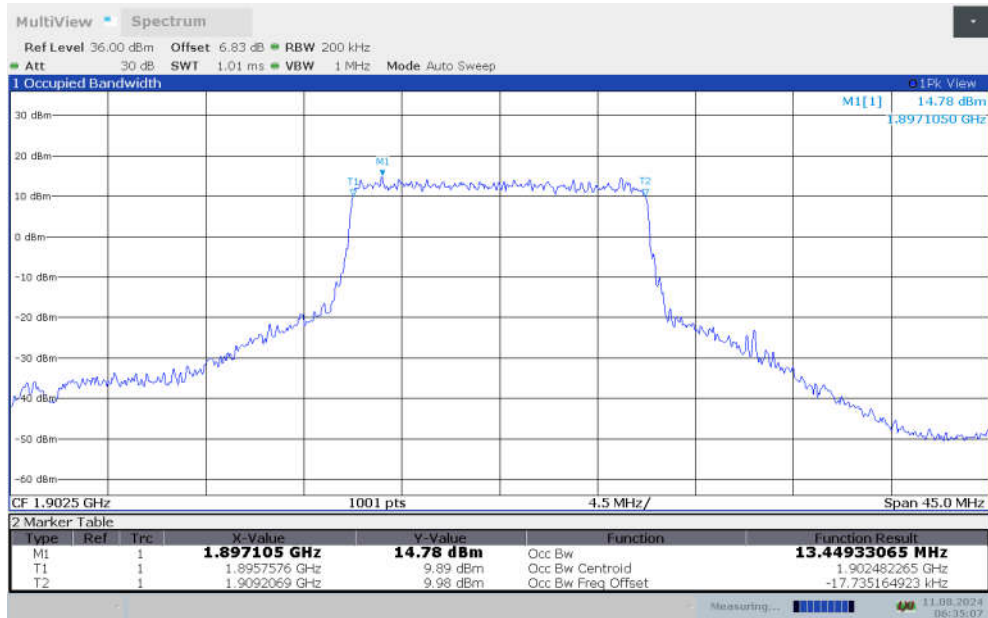


LTE Band 2 , 15MHz Bandwidth,MID,16QAM (99% BW)

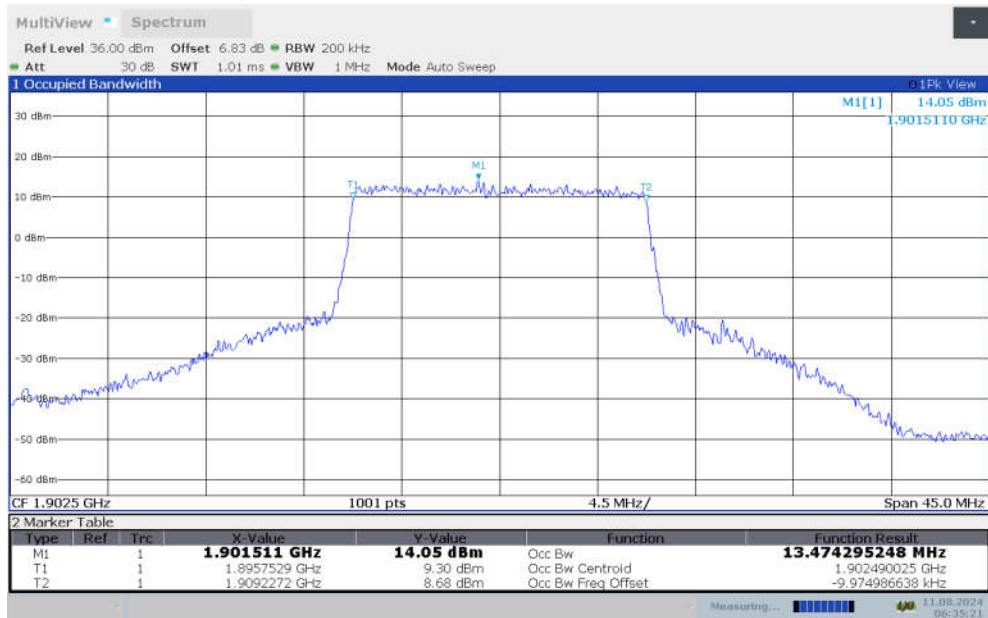




LTE Band 2 , 15MHz Bandwidth,HIGH,QPSK (99% BW)



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

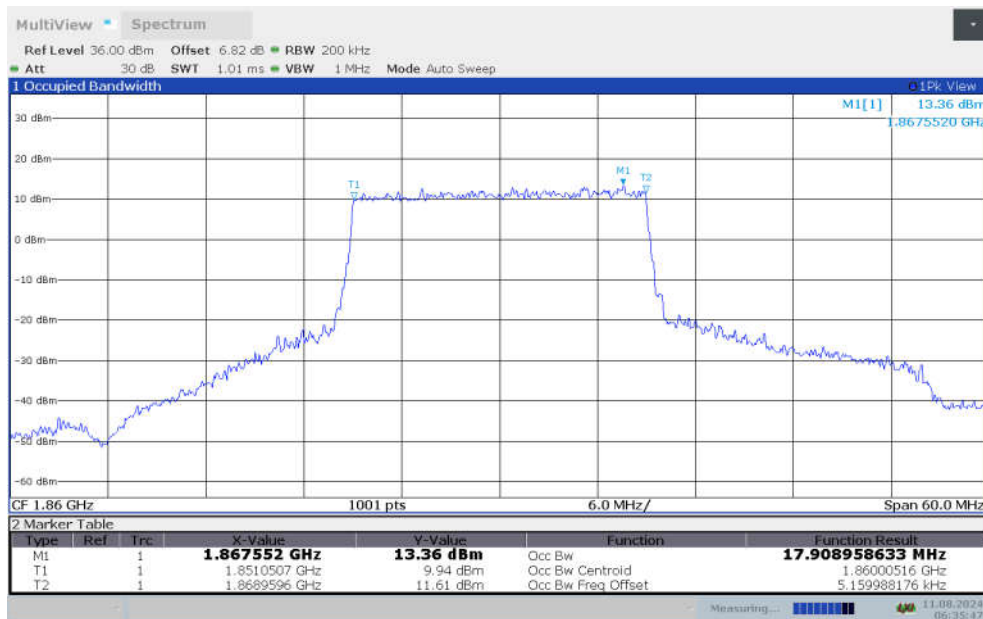




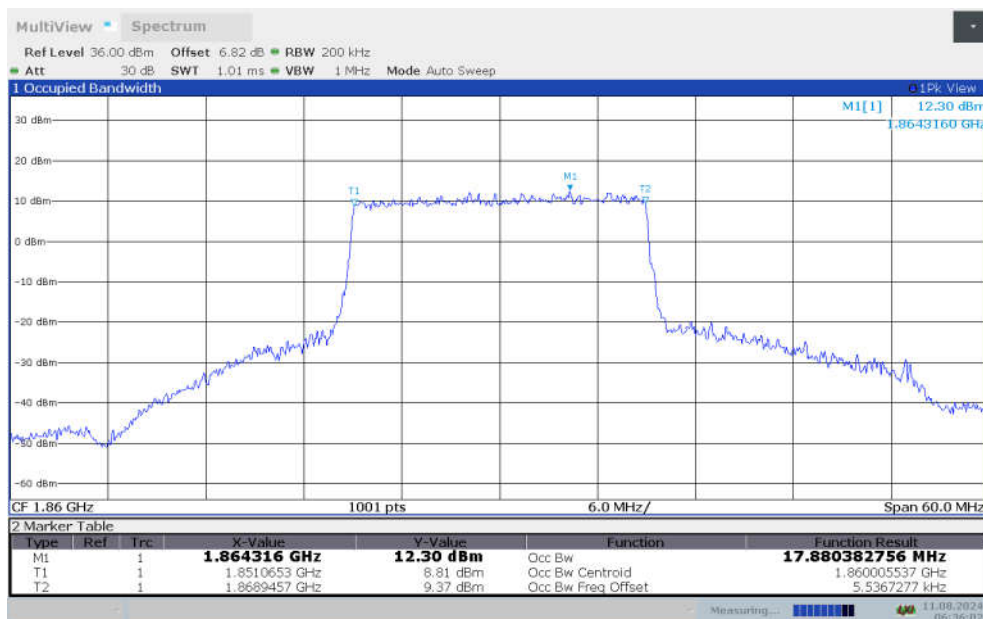
LTE Band 2,20MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
1860	17.909	17.880
1880	17.925	17.882
1900	17.888	17.871

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

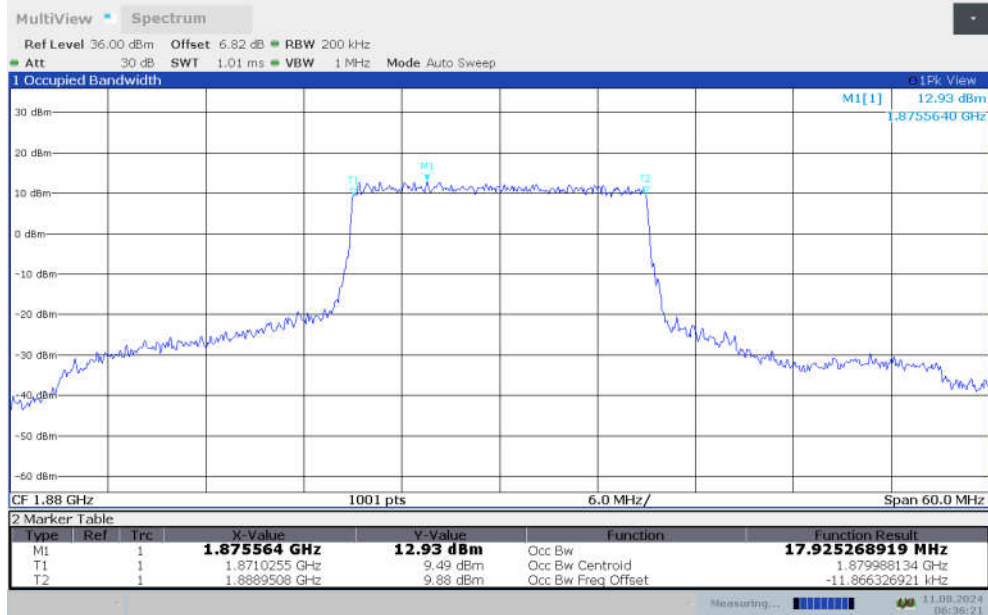


LTE Band 2 , 20MHz Bandwidth,LOW,16QAM (99% BW)

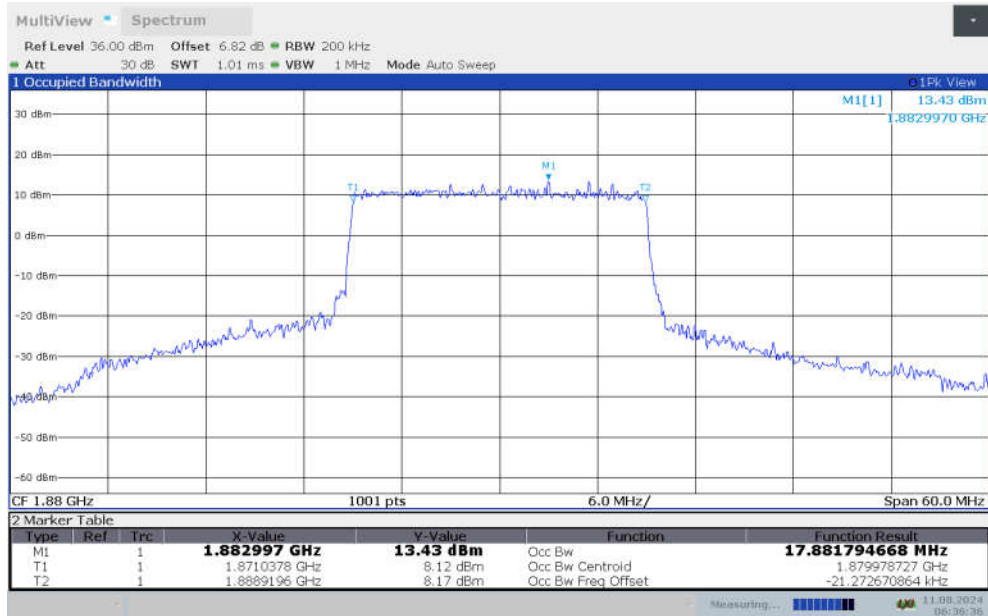




LTE Band 2 , 20MHz Bandwidth,MID,QPSK (99% BW)

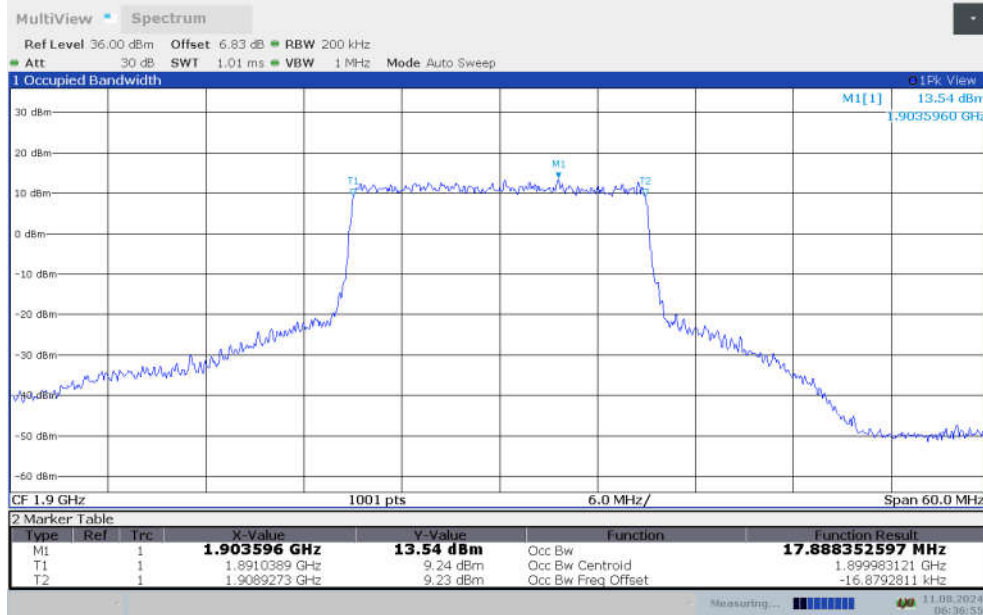


LTE Band 2 , 20MHz Bandwidth,MID,16QAM (99% BW)

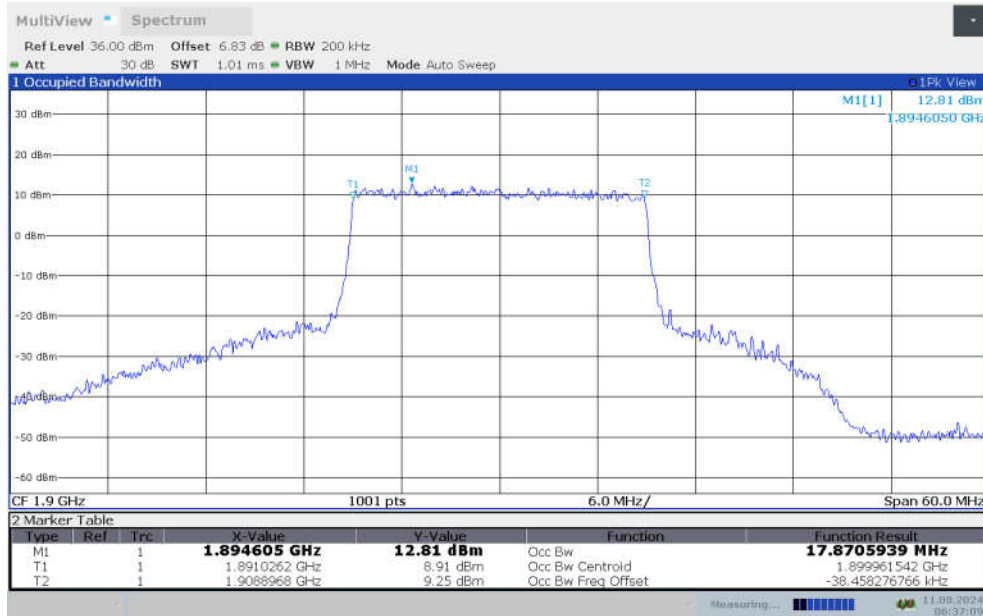




LTE Band 2 , 20MHz Bandwidth,HIGH,QPSK (99% BW)



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

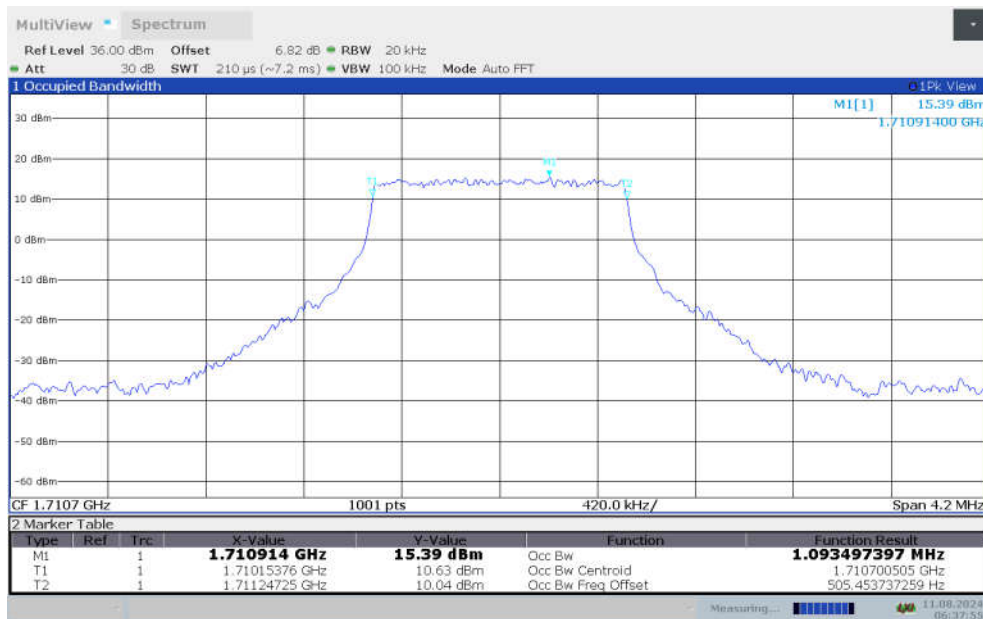




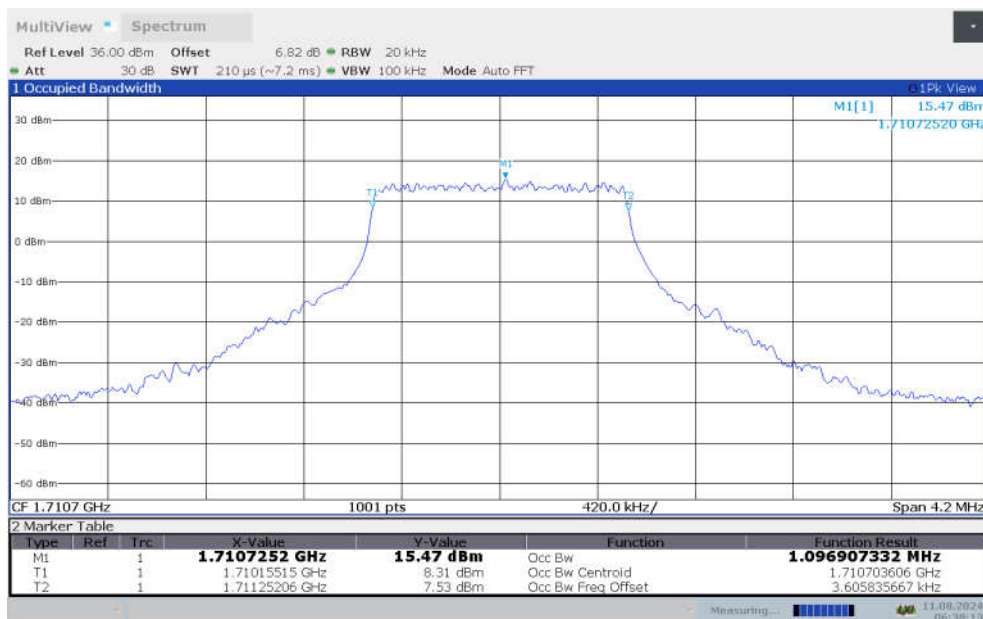
LTE Band 4,1.4MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
1710.7	1.093	1.097
1732.5	1.086	1.091
1754.3	1.096	1.093

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

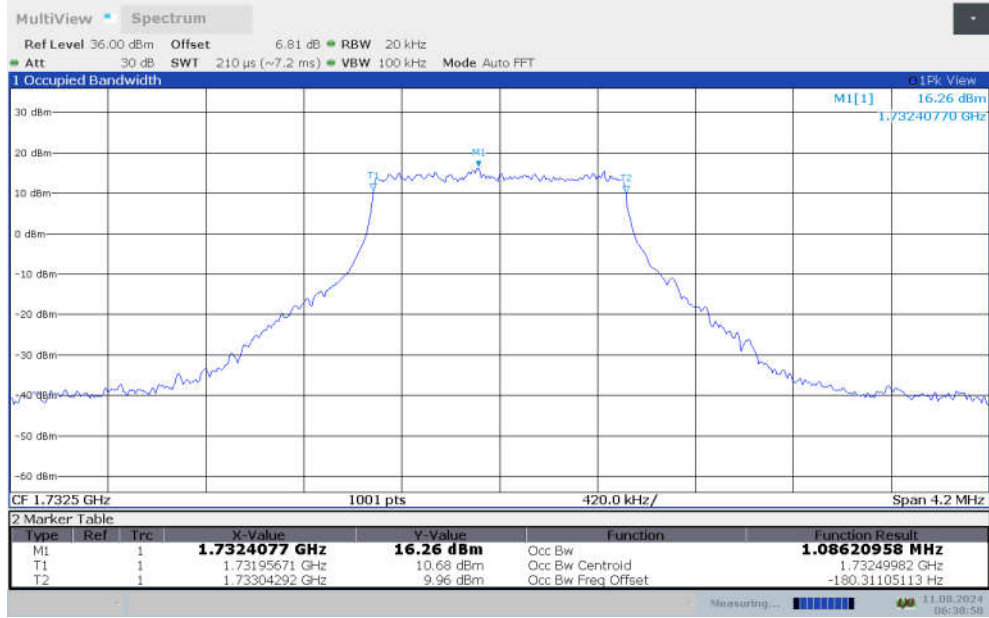


LTE Band 4 , 1.4MHz Bandwidth,LOW,16QAM (99% BW)

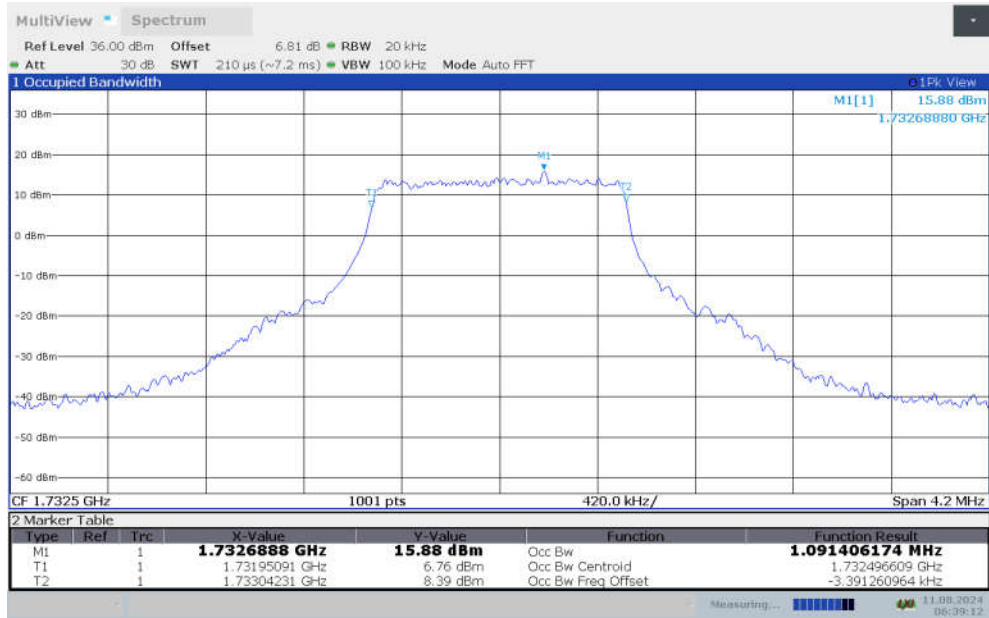




LTE Band 4 , 1.4MHz Bandwidth,MID,QPSK (99% BW)



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





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



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

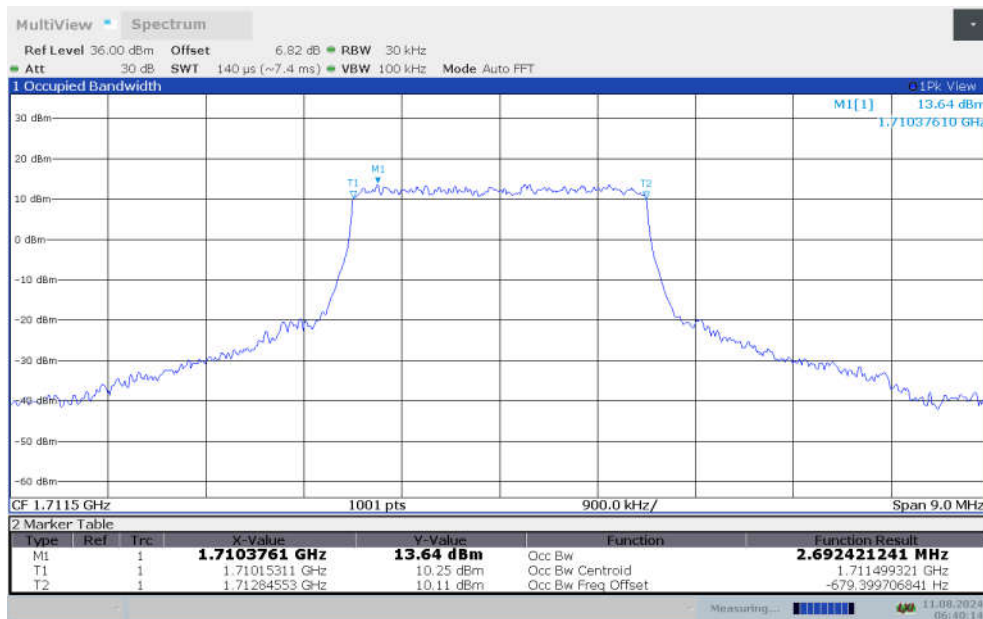




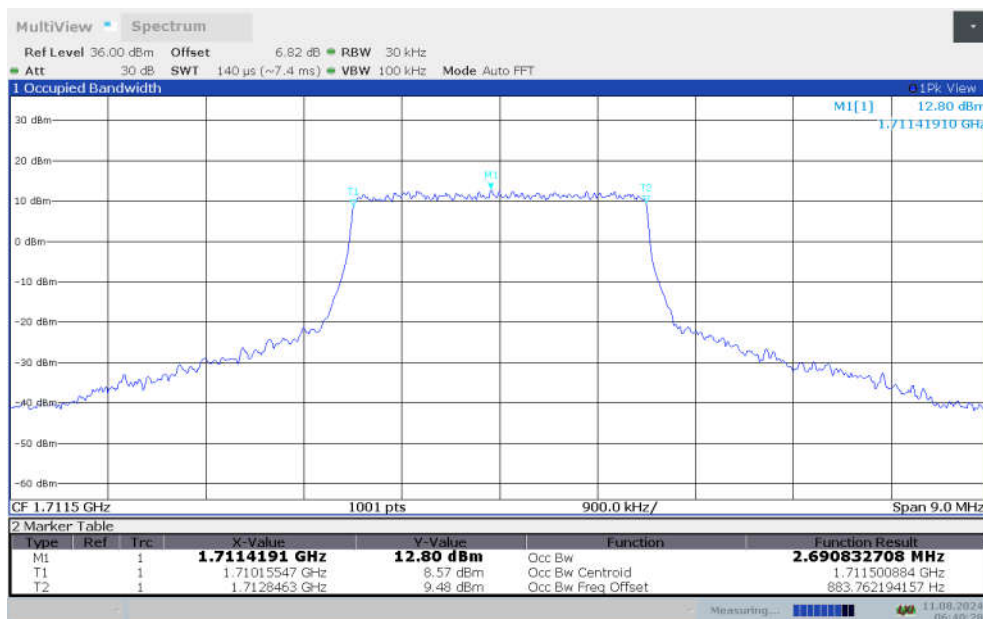
LTE Band 4,3MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
1711.5	2.692	2.691
1732.5	2.686	2.694
1753.5	2.690	2.692

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

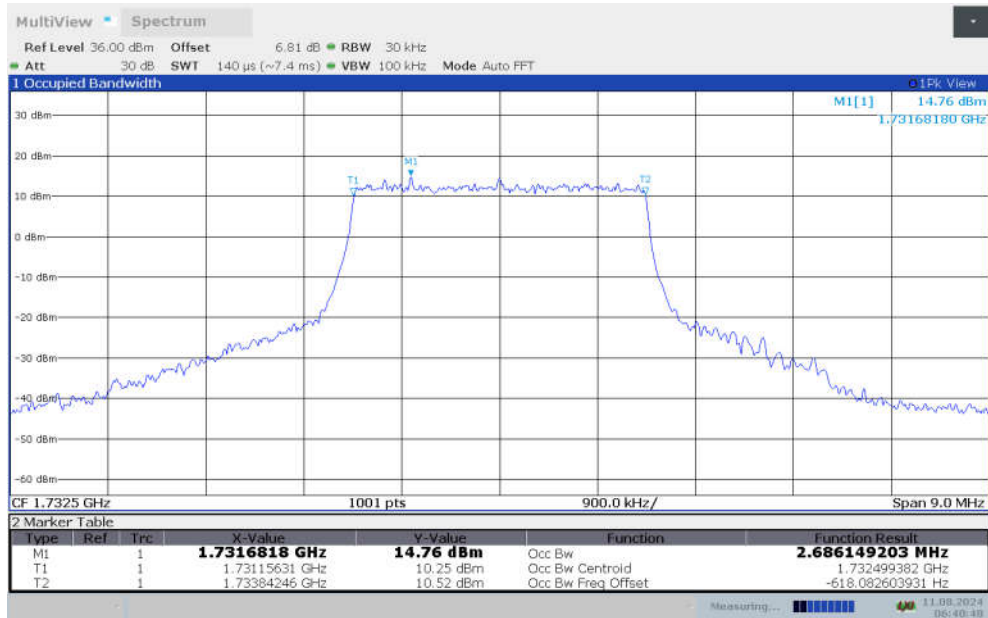


LTE Band 4 , 3MHz Bandwidth,LOW,16QAM (99% BW)

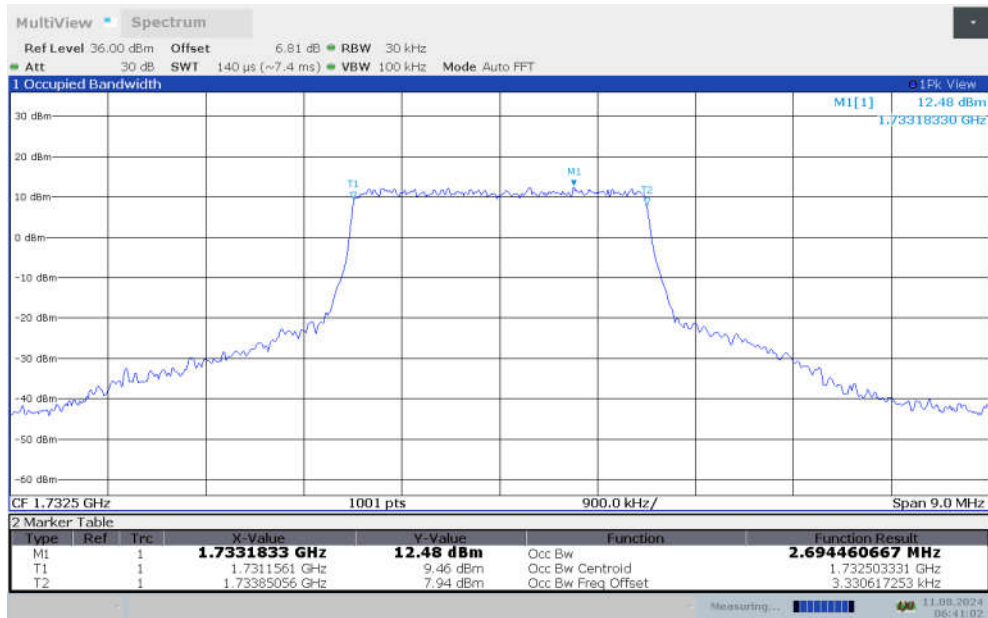




LTE Band 4 , 3MHz Bandwidth,MID,QPSK (99% BW)

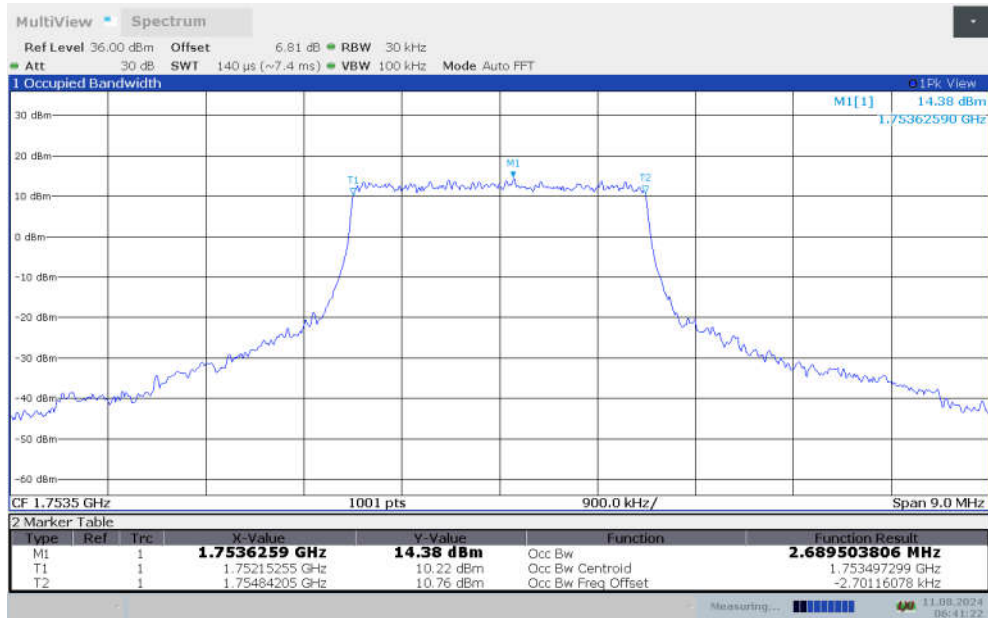


LTE Band 4 , 3MHz Bandwidth,MID,16QAM (99% BW)

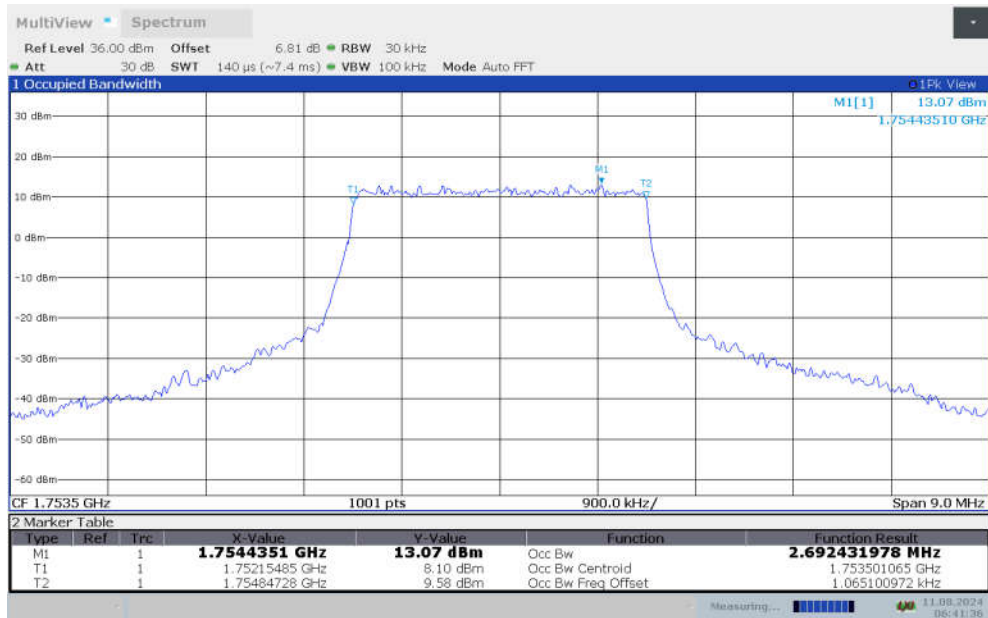




LTE Band 4 , 3MHz Bandwidth,HIGH,QPSK (99% BW)



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

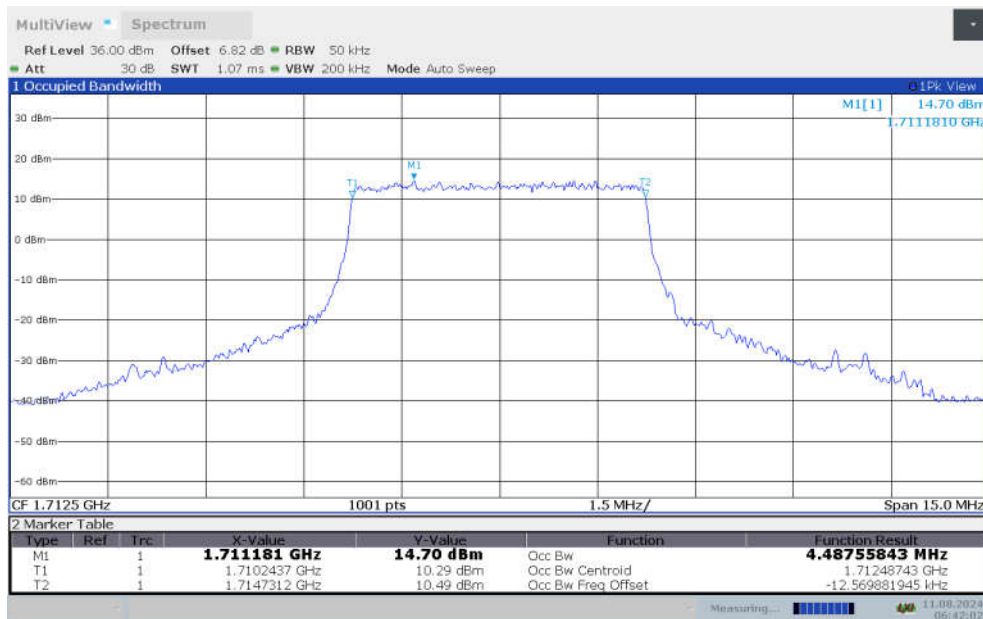




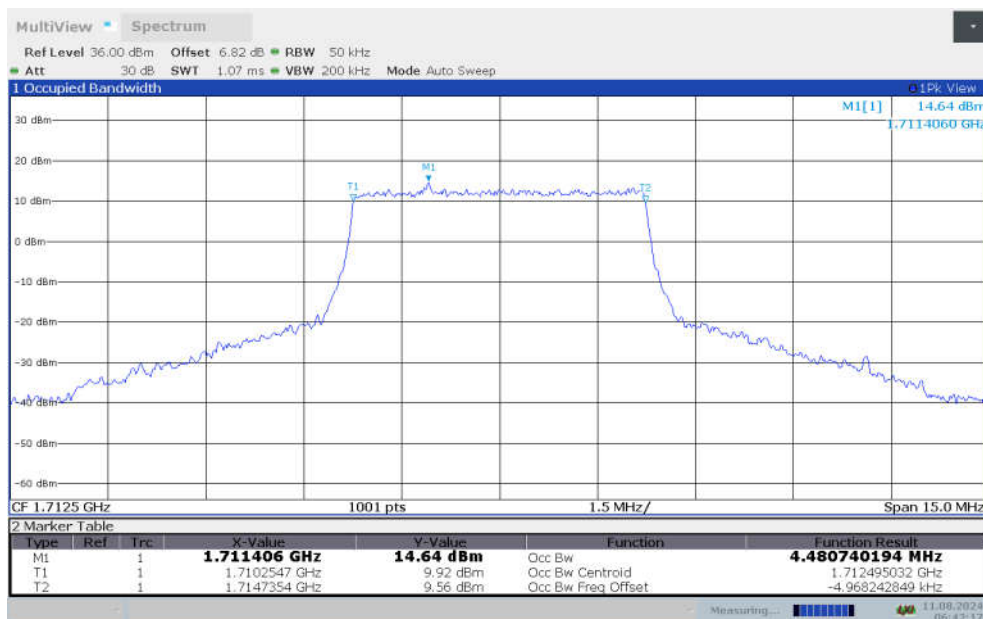
LTE Band 4,5MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
1712.5	4.488	4.481
1732.5	4.487	4.490
1752.5	4.485	4.491

LTE Band 4 , 5MHz Bandwidth,LOW,QPSK (99% BW)

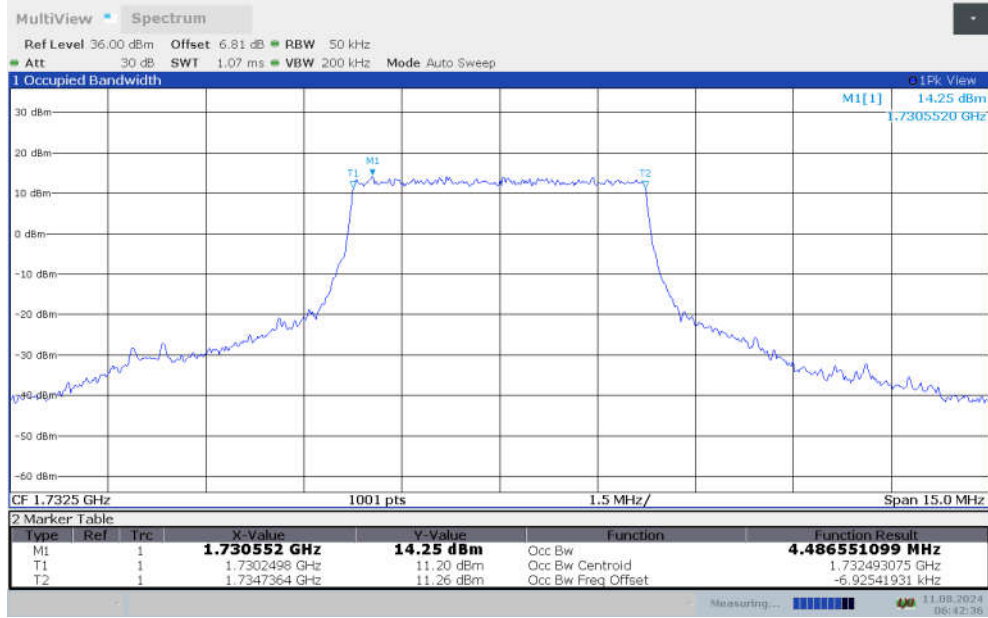


LTE Band 4 , 5MHz Bandwidth,LOW,16QAM (99% BW)

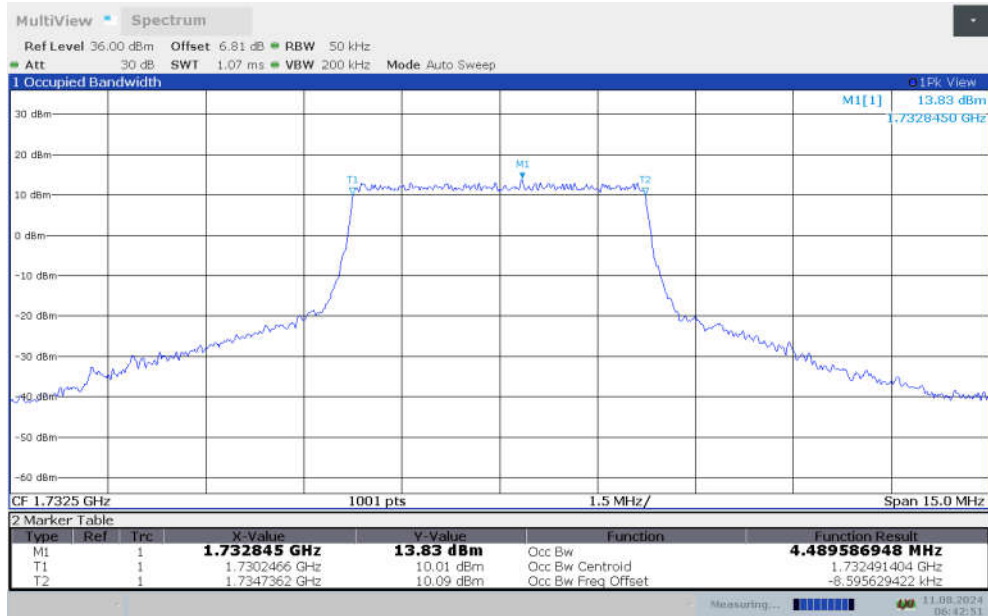




LTE Band 4 , 5MHz Bandwidth,MID,QPSK (99% BW)

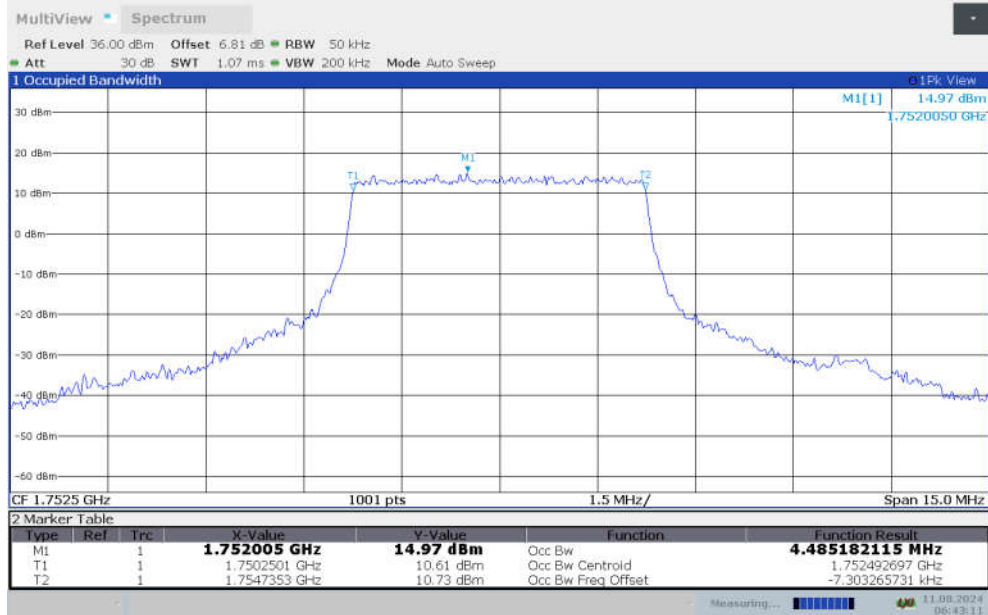


LTE Band 4 , 5MHz Bandwidth,MID,16QAM (99% BW)

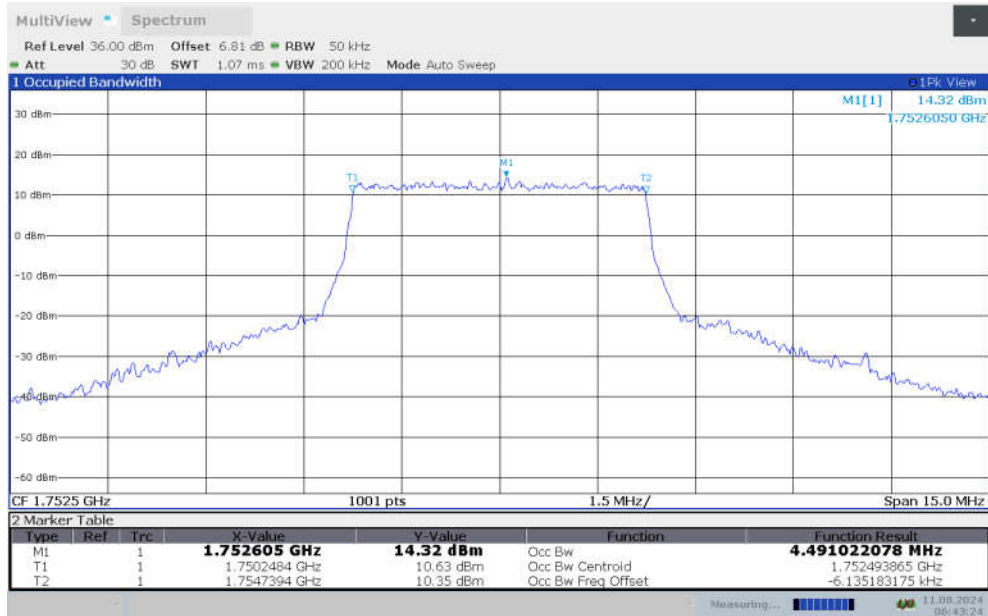




LTE Band 4 , 5MHz Bandwidth,HIGH,QPSK (99% BW)



LTE Band 4 , 5MHz Bandwidth,HIGH,16QAM (99% BW)

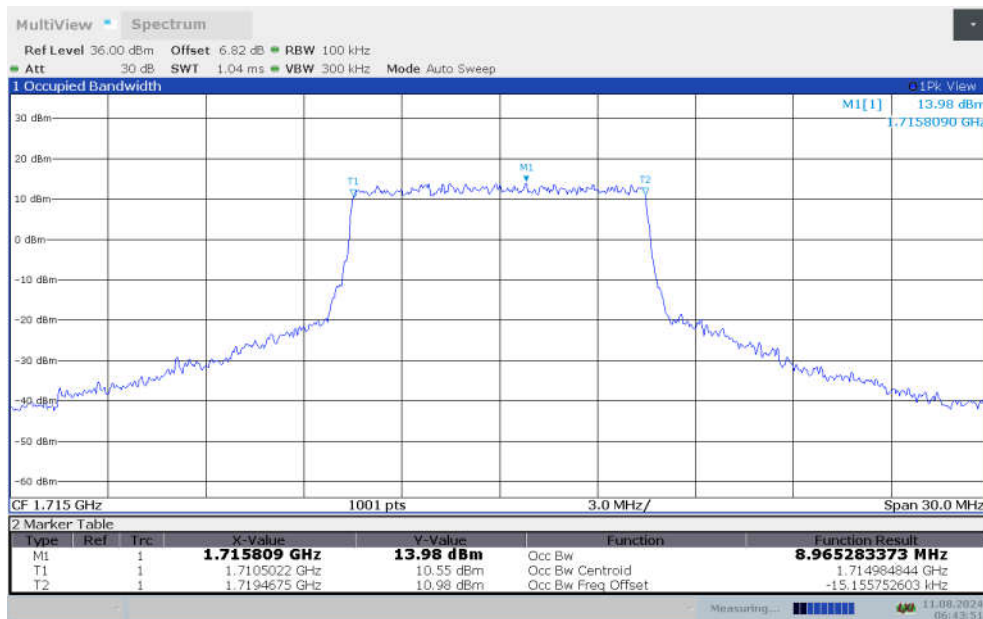




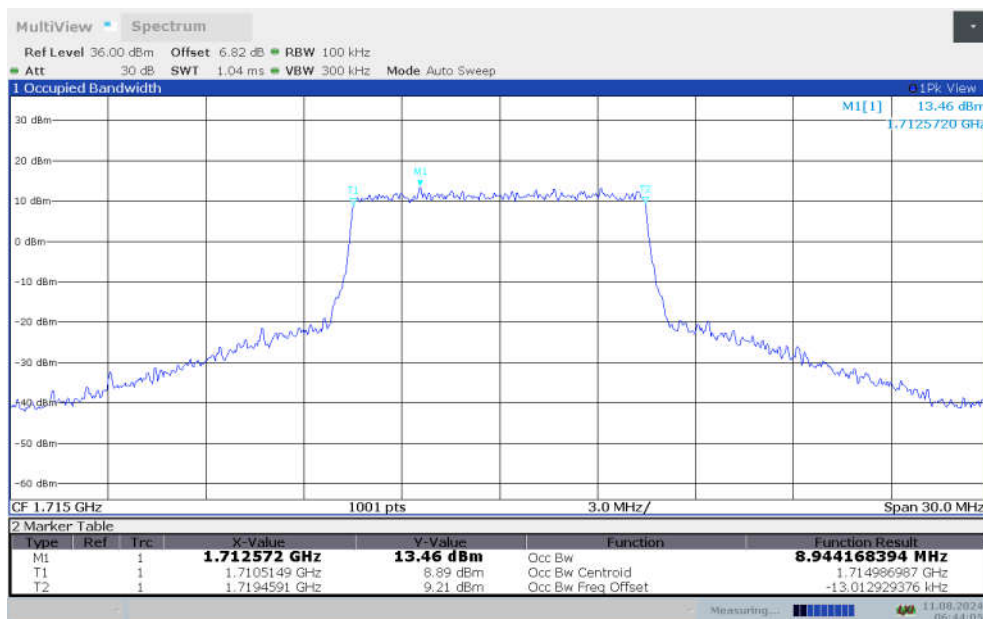
LTE Band 4,10MHz(99% BW)

Frequency (MHz)	Occupied Bandwidth (99% BW)(MHz)	
	QPSK	16QAM
1715	8.965	8.944
1732.5	8.968	8.951
1750	8.962	8.952

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

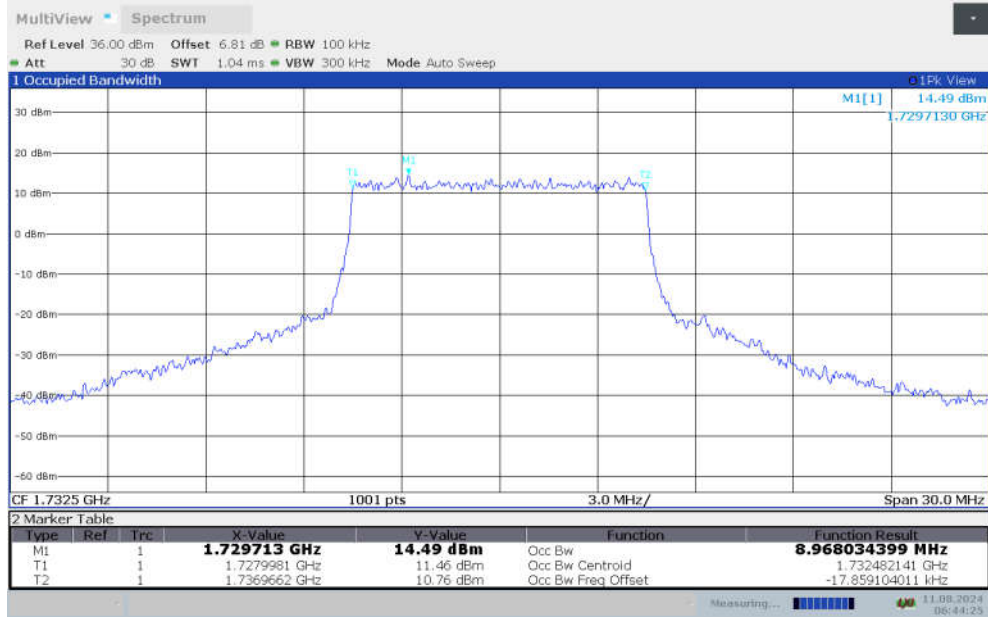


LTE Band 4 , 10MHz Bandwidth,LOW,16QAM (99% BW)

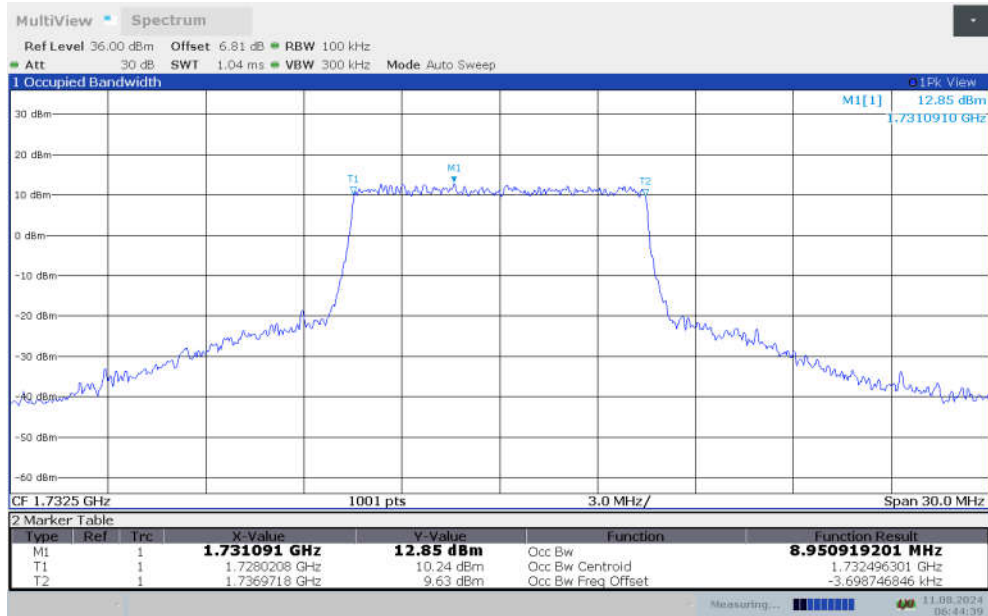




LTE Band 4 , 10MHz Bandwidth,MID,QPSK (99% BW)

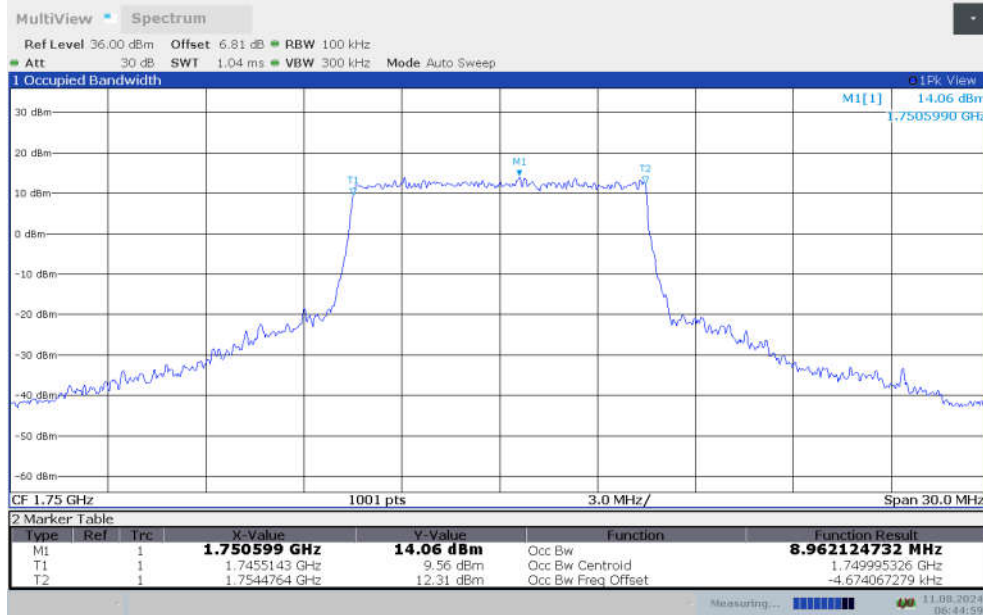


LTE Band 4 , 10MHz Bandwidth,MID,16QAM (99% BW)





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



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

