TEST REPORT

No. I22N02494-EMC-LTE

for

Honor Device Co., Ltd.

Smart Phone

Model Name：CRT-LX3

With

Hardware Version: HL3CRTM

Software Version:6.1.0.90(C900E21R1P2)

FCC ID: 2AYGCCRT-LX3

Issued Date: 2022-12-09

Designation Number: CN1210

Note:

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

Test Laboratory:

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REPORT HISTORY

Report Number	Revision	Description	Issue Date
I22N02494-EMC-LTE	Rev.0	1st edition	2022-12-09

Note: the latest revision of the test report supersedes all previous version.

Note：As the frequency band range of LTE Band 41(2535-2655MHz) overlaps the range of LTE Band 38(2570-2620MHz), LTE Band 26(814-849MHz) overlaps the range of LTE Band 5(824-849MHz) , LTE Band 12(699-716MHz) overlaps the range of LTE Band 17(704-716MHz) and LTE Band 66(1710-1780 MHz) overlaps the range of LTE Band 4(1710-1755 MHz). The channel bandwidth and other perating parameters for LTE Band 38 are fully supported by LTE Band 41, the channel bandwidth and other perating parameters for LTE Band 5 are fully supported by LTE Band 26, the channel bandwidth and other perating parameters for LTE Band 17 are fully supported by LTE Band 12, the channel bandwidth and other perating parameters for LTE Band 4 are fully supported by LTE Band 66, and the miximum output power of LTE Band 41 is larger than the LTE Band 38, the miximum output power of LTE Band 26 is larger than the LTE Band 5, the miximum output power of LTE Band 12 is larger than the LTE Band 17, the miximum output power of LTE Band 66 is larger than the LTE Band 4, we just need to test all the cases of LTE Band 41, LTE Band 26, LTE Band 12 and LTE Band 66

CONTENTS

1. SUMMARY OF TEST REPORT

1.1. Test Items

Description	Smart Phone
Model Name	CRT-LX3
Applicant's name	Honor Device Co., Ltd.
Manufacturer's Name	Honor Device Co., Ltd.

1.2. Test Standards

FCC Part 2/22/24/27/90	10-1-20 Edition
ANSI C63.26	2015
KDB971168 D01	v03r01

1.3. Test Result

PASS/FAIL

Total test 2 items, pass 2 items. Please refer to "6 Summary of Test Results" for detail.

1.4. Testing Location

Address: EMC Laboratory, 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: 2022-12-01 Testing End Date: 2022-12-09

1.6. Signature

Liu Xiangzhou
(Prepared this test report)

Liang Yong
(Reviewed this test report)

Cao Junfei
(Approved this test report)

2. CLIENT INFORMATION

2.1. Applicant Information

Company Name:	Honor Device Co., Ltd.
Address:	Suite 3401, Unit A, Building 6, Shum Yip Sky Park, No. 8089, Hongli West Road, Xiangmihu Street, Futian District, Shenzhen, P.R.China
Contact	Li Ming
Email	liming136@hihonor.com
Tel.	0755-61886688
Fax:	/

2.2. Manufacturer Information

Company Name:	Honor Device Co., Ltd.
Address:	Suite 3401, Unit A, Building 6, Shum Yip Sky Park, No. 8089, Hongli West Road, Xiangmihu Street, Futian District, Shenzhen, P.R.China
Contact	Li Ming
Email	liming136@hihonor.com
Tel.	0755-61886688
Fax:	/

3. EQUIPMENT UNDER TEST (EUT) AND ANCILLARY EQUIPMENT (AE)

3.1. About EUT

Description	Smart Phone
Model Name	CRT-LX3
FCC ID	2AYGCCRT-LX3
Frequency Bands	LTE Bands 2/4/5/7/12/13/17/26/38/41/66
Antenna	Integrated
Condition of EUT as received	No obvious damage in appearance

Note: Components list, please refer to documents of the manufacturer; it is also included in the original test record of Shenzhen Academy of Information and Communications Technology.

3.2. Internal Identification of EUT used during the test

EUT ID*	SN or IMEI	HW Version	SW Version	Receive Date
UT05aa	866902060024676	HL3CRTM	6.1.0.90(C900E21R1P2)	2022-12-01

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

3.3. Internal Identification of AE used during the test

AE ID*	Description
AE1	Battery
AE2	Adapter
AE3	Data Cable
AE4	Headset
AE5	Earphone, USB Type-C to 3.5mm Adapter Assembly

AE1-1

Model	HB416594EGW
Manufacturer	Honor Device Co., Ltd.(SCUD)
Capacity	4400mAh
Nominal Voltage	3.89 V

AE1-2

Model	HB416594EGW
Manufacturer	Honor Device Co., Ltd.(Desay)
Capacity	4400mAh
Nominal Voltage	3.89 V

AE2-1

Model	HN-100225E00
Manufacturer	Honor Device Co., Ltd.（Huntkey/Salcomp）

AE2-2

Model	HN-100225U00
Manufacturer	Honor Device Co., Ltd.（Huntkey/Salcomp）

AE2-3

Model	HW-100225E00
Manufacturer	Honor Device Co., Ltd.（Huntkey）

AE2-4

Model	HW-100225U00
Manufacturer	Honor Device Co., Ltd.（Huntkey）

AE2-5

Model	HW-100225B00
Manufacturer	Honor Device Co., Ltd.（Huntkey）

AE2-6

Model	HN-100225B00
Manufacturer	Honor Device Co., Ltd.（Huntkey/Salcomp）

AE3-1

Model	CUDU01B-HC451-EH
Manufacturer	04072295(FF)

AE3-2

Model	AU2-CRO013HF
Manufacturer	04072295(LJ)

AE3-3

Model	L125UC007-CS-H
Manufacturer	04072295(LX)

AE3-4

Model	2120-00001-0
Manufacturer	04072295(MG)

AE3-5

Model	RY0002
Manufacturer	04072295(NB)

AE4-1

Model	1331-3301-6001-TC-347
Manufacturer	22070347（QC）

AE4-2

Model	MEND1532B528C00
Manufacturer	22040339（LC）

AE4-3

Model	1293-3283-3.5MM-339
Manufacturer	22040339（QC）

AE5

Model	USB042020090AW7
Manufacturer	22040348(LC)

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

AE: ancillary equipment.

AE2：The circuit boards of AE2-2 and AE2-6 are the same, the circuit boards of AE2-4 and AE2-5 are the same.

3.4. General Description

The Equipment Under Test (EUT) is a model of Smart Phone with internal antenna.

It consists of normal options: Battery, Adapter, Data Cable, Headset.

Manual and specifications of the EUT were provided to fulfill the test.

Samples (EUT+AE) undergoing test were selected by the Client. Relevant information is provided 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	(10-1-2020 Edition)
FCC Part 24	PERSONAL COMMUNICATIONS SERVICES	(10-1-2020 Edition)
FCC Part 2	FREQUENCY ALLOCATIONS AND RADIO TREATY MATTERS; GENERAL RULES AND REGULATIONS	(10-1-2020 Edition)
FCC Part 27	MISCELLANEOUS WIRELESS COMMUNICATIONS SERVICES	(10-1-2020 Edition)
FCC Part 90	PRIVATE LAND MOBILE RADIO SERVICES	(10-1-2020 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

Anechoic chamber (FACT3-2.0) did not exceed following limits along the EMC testing:
9.10m×6.10m×5.60m (L×W×H)

Temperature	Min. = 15 ℃, Max. = 35 ℃
Relative humidity	Min. = 20 %, Max. = 75 %
Shielding effectiveness	0.014MHz-1MHz> 60 dB; 1MHz-18000MHz>90 dB
Electrical insulation	> 2MΩ
Ground system resistance	< 4Ω
Normalised site attenuation (NSA)	< ±4 dB, 3 m distance, from 30 to 1000 MHz
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
Location Column	A/B/C/D	The test is performed in test location A, B, C or D which are described in section 1.4 of this report

LTE Band 2

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	24.232	A.1	P
2	Field Strength of Spurious Radiation	24.238	A.2	P

LTE Band 7

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	27.50(h)	A.1	P
2	Field Strength of Spurious Radiation	27.53(m)	A.2	P

LTE Band 12

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	27.50(c)	A.1	P
2	Field Strength of Spurious Radiation	27.53(g)	A.2	P

LTE Band 13

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	27.50(b)	A.1	P
2	Field Strength of Spurious Radiation	27.53(g) § 27.53(f) only for wideband signals	A.2	P

LTE Band 26(814MHz-824MHz)

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	90.635	A.1	P
2	Field Strength of Spurious Radiation	90.691	A.2	P

LTE band 26(824MHz-849MHz)

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	22.913	A.1	P
2	Field Strength of Spurious Radiation	22.917	A.2	P

LTE Band 41

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	27.50(h)	A.1	P
2	Field Strength of Spurious Radiation	27.53(m)	A.2	P

LTE Band 66

Items	Test Name	Clause in FCC rules	Section in this report	Verdict
1	Output Power	27.50(d)	A.1	P
2	Field Strength of Spurious Radiation	27.53(h)	A.2	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	Calibration Due date
1	Test Receiver	ESR7	R&S	101676	2023.11.23
2	BiLog Antenna	3142E	ETS-Lindgren	0224831	2024.05.27
3	Horn Antenna	3117	ETS-Lindgren	00066577	2025.04.17
4	Horn Antenna	QSH-SL-18 -26-S-20	Q-par	17013	2023-01-06
5	Antenna	BBHA 9120D	Schwarzbeck	1593	2023-12-04
6	Antenna	VUBA 9117	Schwarzbeck	207	2023-07-15
7	Antenna	QWH-SL-18 -40-K-SG	Q-par	15979	2023-01-06
8	preamplifier	83017A	Agilent	MY39501110	/
9	Signal Generator	SMB100A	R&S	179725	2023-11-23
10	Anechoic Chamber	FACT3-2.0	ETS-Lindgren	1285	2023.05.29
11	Spectrum Analyzer	FSV40	R&S	101192	2023-01-12
12	Universal Radio Communication Tester	CMW500	R&S	152499	2023.07.14

Test software

Item	Name	Vesion
Radiated	EMC32	V10.50.40

ANNEX A: MEASUREMENT RESULTS

A.1 OUTPUT POWER

Reference

FCC: CFR Part 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 Radiated

A.1.2.1 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 22.913(a) specifies" The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts." 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".

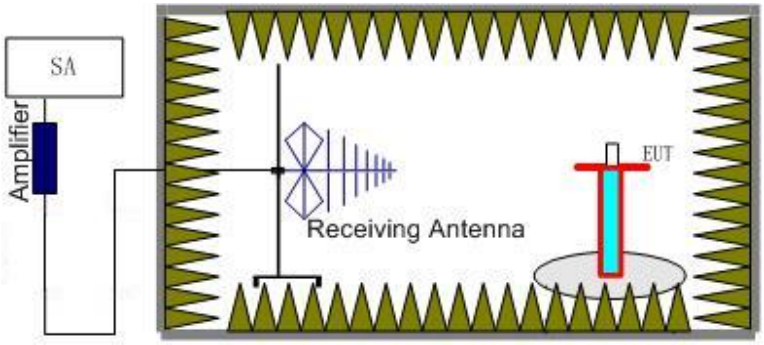
Rule Part 27.50(h)(2) specifies "Mobile stations are limited to 2.0 watts EIRP.".

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

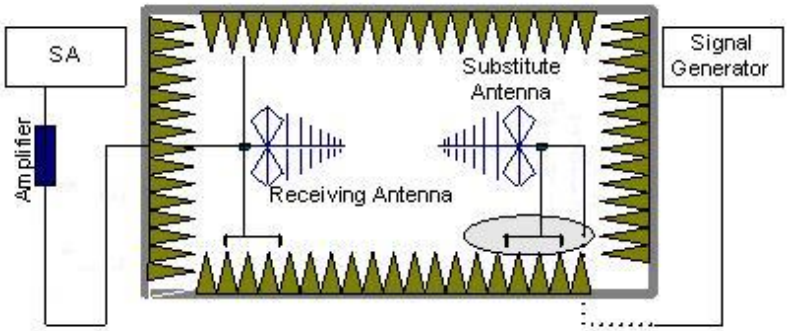
" Rule Part 90.635(b) specifies "The maximum output power of the transmitter for mobile stations is 100 watts (20 dBw)."

A.1.2.2 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.1.2.3 Measurement result

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

Limits: ≤33dBm (2W)

LTE Band 2_1.4MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1850.70	-15.97	-29.30	8.10	21.43	33.00	H
1880.00	**-15.54**	**-29.40**	**8.10**	**21.96**	**33.00**	**H**
1909.30	-15.46	-29.30	8.10	21.94	33.00	H

LTE Band 2_3MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1851.50	-16.00	-29.30	8.10	21.40	33.00	H
1880.00	-15.56	-29.40	8.10	21.94	33.00	H
1908.50	-15.49	-29.30	8.10	21.91	33.00	H

LTE Band 2_5MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1852.50	-16.03	-29.30	8.10	21.37	33.00	H
1880.00	-15.59	-29.40	8.10	21.91	33.00	H
1907.50	-15.51	-29.30	8.10	21.89	33.00	H

LTE Band 2_10MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1855.00	-16.07	-29.30	8.10	21.33	33.00	H
1880.00	-15.62	-29.40	8.10	21.88	33.00	H
1905.00	-15.55	-29.30	8.10	21.85	33.00	H

LTE Band 2_15MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1857.50	-16.10	-29.30	8.10	21.30	33.00	H
1880.00	-15.64	-29.40	8.10	21.86	33.00	H
1902.50	-15.58	-29.30	8.10	21.82	33.00	H

LTE Band 2_20 MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1860.00	-16.13	-29.30	8.10	21.27	33.00	H
1880.00	-15.67	-29.40	8.10	21.83	33.00	H
1900.00	-15.62	-29.30	8.10	21.78	33.00	H

LTE Band 2_1.4MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1850.70	-16.02	-29.30	8.10	21.38	33.00	H
1880.00	-16.26	-29.40	8.10	21.24	33.00	H
1909.30	-15.64	-29.30	8.10	21.76	33.00	H

LTE Band 2_3MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1851.50	-16.05	-29.30	8.10	21.35	33.00	H
1880.00	-16.31	-29.40	8.10	21.19	33.00	H
1908.50	-15.68	-29.30	8.10	21.72	33.00	H

LTE Band 2_5MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1852.50	-16.09	-29.30	8.10	21.31	33.00	H
1880.00	-16.34	-29.40	8.10	21.16	33.00	H
1907.50	-15.75	-29.30	8.10	21.65	33.00	H

LTE Band 2_10MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1855.00	-16.12	-29.30	8.10	21.28	33.00	H
1880.00	-16.39	-29.40	8.10	21.11	33.00	H
1905.00	-15.78	-29.30	8.10	21.62	33.00	H

LTE Band 2_15MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1857.50	-16.15	-29.30	8.10	21.25	33.00	H
1880.00	-16.43	-29.40	8.10	21.07	33.00	H
1902.50	-15.82	-29.30	8.10	21.58	33.00	H

LTE Band 2_20 MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1860.00	-16.20	-29.30	8.10	21.20	33.00	H
1880.00	-16.47	-29.40	8.10	21.03	33.00	H
1900.00	-15.85	-29.30	8.10	21.55	33.00	H

LTE Band 2_1.4MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1850.70	-16.50	-29.30	8.10	20.90	33.00	H
1880.00	-16.08	-29.40	8.10	21.42	33.00	H
1909.30	-16.01	-29.30	8.10	21.39	33.00	H

LTE Band 2_3MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1851.50	-16.54	-29.30	8.10	20.86	33.00	H
1880.00	-16.12	-29.40	8.10	21.38	33.00	H
1908.50	-16.04	-29.30	8.10	21.36	33.00	H

LTE Band 2_5MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1852.50	-16.58	-29.30	8.10	20.82	33.00	H
1880.00	-16.16	-29.40	8.10	21.34	33.00	H
1907.50	-16.09	-29.30	8.10	21.31	33.00	H

LTE Band 2_10MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1855.00	-16.60	-29.30	8.10	20.80	33.00	H
1880.00	-16.22	-29.40	8.10	21.28	33.00	H
1905.00	-16.15	-29.30	8.10	21.25	33.00	H

LTE Band 2_15MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1857.50	-16.62	-29.30	8.10	20.78	33.00	H
1880.00	-16.25	-29.40	8.10	21.25	33.00	H
1902.50	-16.19	-29.30	8.10	21.21	33.00	H

LTE Band 2_20 MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1860.00	-16.65	-29.30	8.10	20.75	33.00	H
1880.00	-16.30	-29.40	8.10	21.20	33.00	H
1900.00	-15.73	-29.30	8.10	21.67	33.00	H

LTE Band 2_1.4MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1850.70	-16.49	-29.30	8.10	20.91	33.00	H
1880.00	-16.79	-29.40	8.10	20.71	33.00	H
1909.30	-16.20	-29.30	8.10	21.20	33.00	H

LTE Band 2_3MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1851.50	-16.53	-29.30	8.10	20.87	33.00	H
1880.00	-16.82	-29.40	8.10	20.68	33.00	H
1908.50	-16.24	-29.30	8.10	21.16	33.00	H

LTE Band 2_5MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1852.50	-16.58	-29.30	8.10	20.82	33.00	H
1880.00	-16.87	-29.40	8.10	20.63	33.00	H
1907.50	-16.36	-29.30	8.10	21.04	33.00	H

LTE Band 2_10MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1855.00	-16.62	-29.30	8.10	20.78	33.00	H
1880.00	-16.93	-29.40	8.10	20.57	33.00	H
1905.00	-16.40	-29.30	8.10	21.00	33.00	H

LTE Band 2_15MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1857.50	-16.67	-29.30	8.10	20.73	33.00	H
1880.00	-16.96	-29.40	8.10	20.54	33.00	H
1902.50	-16.42	-29.30	8.10	20.98	33.00	H

LTE Band 2_20 MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1860.00	-16.72	-29.30	8.10	20.68	33.00	H
1880.00	-17.03	-29.40	8.10	20.47	33.00	H
1900.00	-16.45	-29.30	8.10	20.95	33.00	H

LTE Band 2_1.4MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1850.70	-17.53	-29.30	8.10	19.87	33.00	H
1880.00	-17.10	-29.40	8.10	20.40	33.00	H
1909.30	-17.03	-29.30	8.10	20.37	33.00	H

LTE Band 2_3MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1851.50	-17.58	-29.30	8.10	19.82	33.00	H
1880.00	-17.15	-29.40	8.10	20.35	33.00	H
1908.50	-17.07	-29.30	8.10	20.33	33.00	H

LTE Band 2_5MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1852.50	-17.60	-29.30	8.10	19.80	33.00	H
1880.00	-17.18	-29.40	8.10	20.32	33.00	H
1907.50	-17.12	-29.30	8.10	20.28	33.00	H

LTE Band 2_10MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1855.00	-17.63	-29.30	8.10	19.77	33.00	H
1880.00	-17.22	-29.40	8.10	20.28	33.00	H
1905.00	-17.17	-29.30	8.10	20.23	33.00	H

LTE Band 2_15MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1857.50	-17.67	-29.30	8.10	19.73	33.00	H
1880.00	-17.26	-29.40	8.10	20.24	33.00	H
1902.50	-17.22	-29.30	8.10	20.18	33.00	H

LTE Band 2_20 MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1860.00	-17.70	-29.30	8.10	19.70	33.00	H
1880.00	-17.29	-29.40	8.10	20.21	33.00	H
1900.00	-17.23	-29.30	8.10	20.17	33.00	H

LTE Band 2_1.4MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1850.70	-16.89	-29.30	8.10	20.51	33.00	H
1880.00	-17.20	-29.40	8.10	20.30	33.00	H
1909.30	-16.61	-29.30	8.10	20.79	33.00	H

LTE Band 2_3MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1851.50	-16.92	-29.30	8.10	20.48	33.00	H
1880.00	-17.23	-29.40	8.10	20.27	33.00	H
1908.50	-16.65	-29.30	8.10	20.75	33.00	H

LTE Band 2_5MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1852.50	-16.95	-29.30	8.10	20.45	33.00	H
1880.00	-17.27	-29.40	8.10	20.23	33.00	H
1907.50	-16.70	-29.30	8.10	20.70	33.00	H

LTE Band 2_10MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1855.00	-17.00	-29.30	8.10	20.40	33.00	H
1880.00	-17.30	-29.40	8.10	20.20	33.00	H
1905.00	-16.74	-29.30	8.10	20.66	33.00	H

LTE Band 2_15MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1857.50	-17.05	-29.30	8.10	20.35	33.00	H
1880.00	-17.34	-29.40	8.10	20.16	33.00	H
1902.50	-16.78	-29.30	8.10	20.62	33.00	H

LTE Band 2_20 MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1860.00	-17.08	-29.30	8.10	20.32	33.00	H
1880.00	-17.37	-29.40	8.10	20.13	33.00	H
1900.00	-16.83	-29.30	8.10	20.57	33.00	H

Peak EIRP (dBm)=P_{Mea}(-15.54dBm)-(P_{cl}+P_{Ag})(-29.40dB)+G_a(8.10dB) =21.96dBm

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

Limits: ≤33 dBm (2W)

LTE Band 7_5MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	G_a Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2502.50	**-16.61**	**-28.70**	**10.70**	**22.80**	**33.00**	**H**
2535.00	-16.73	-28.60	10.70	22.58	33.00	H
2567.50	-16.59	-28.60	10.70	22.71	33.00	H

LTE Band 7_10MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	G_a Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2505.00	-16.62	-28.70	10.70	22.78	33.00	H
2535.00	-16.75	-28.60	10.70	22.55	33.00	H
2565.00	-16.63	-28.60	10.70	22.67	33.00	H

LTE Band 7_15MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	G_a Antenna Gain(dB)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	-16.66	-28.70	10.70	22.74	33.00	H
2535.00	-16.79	-28.60	10.70	22.51	33.00	H
2562.50	-16.66	-28.60	10.70	22.64	33.00	H

LTE Band 7_20MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	G_a Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	-16.70	-28.70	10.70	22.70	33.00	H
2535.00	-16.82	-28.60	10.70	22.48	33.00	H
2560.00	-16.70	-28.60	10.70	22.60	33.00	H

LTE Band 7_5MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	G_a Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2502.50	-17.79	-28.70	10.70	21.61	33.00	H
2535.00	-17.55	-28.60	10.70	21.75	33.00	H
2567.50	-17.38	-28.60	10.70	21.92	33.00	H

LTE Band 7_10MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	G_a Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2505.00	-17.82	-28.70	10.70	21.58	33.00	H
2535.00	-17.60	-28.60	10.70	21.70	33.00	H
2565.00	-17.40	-28.60	10.70	21.90	33.00	H

LTE Band 7_15MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	G_a Antenna Gain(dB)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	-17.85	-28.70	10.70	21.55	33.00	H
2535.00	-17.62	-28.60	10.70	21.68	33.00	H
2562.50	-17.45	-28.60	10.70	21.85	33.00	H

LTE Band 7_20MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	G_a Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	-17.87	-28.70	10.70	21.53	33.00	H
2535.00	-17.65	-28.60	10.70	21.65	33.00	H
2560.00	-17.48	-28.60	10.70	21.82	33.00	H

LTE Band 7_5MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	G_a Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2502.50	-17.64	-28.70	10.70	21.76	33.00	H
2535.00	-17.74	-28.60	10.70	21.56	33.00	H
2567.50	-17.63	-28.60	10.70	21.67	33.00	H

LTE Band 7_10MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	G_a Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2505.00	-17.68	-28.70	10.70	21.72	33.00	H
2535.00	-17.77	-28.60	10.70	21.53	33.00	H
2565.00	-17.66	-28.60	10.70	21.64	33.00	H

LTE Band 7_15MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	G_a Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	-17.72	-28.70	10.70	21.68	33.00	H
2535.00	-17.82	-28.60	10.70	21.48	33.00	H
2562.50	-17.71	-28.60	10.70	21.59	33.00	H

LTE Band 7_20MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	G_a Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	-17.76	-28.70	10.70	21.64	33.00	H
2535.00	-17.87	-28.60	10.70	21.43	33.00	H
2560.00	-17.75	-28.60	10.70	21.55	33.00	H

LTE Band 7_5MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	G_a Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2502.50	-18.14	-28.70	10.70	21.26	33.00	H
2535.00	-17.93	-28.60	10.70	21.37	33.00	H
2567.50	-17.81	-28.60	10.70	21.49	33.00	H

LTE Band 7_10MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	G_a Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2505.00	-18.17	-28.70	10.70	21.23	33.00	H
2535.00	-17.95	-28.60	10.70	21.35	33.00	H
2565.00	-17.84	-28.60	10.70	21.46	33.00	H

LTE Band 7_15MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	G_a Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	-18.22	-28.70	10.70	21.18	33.00	H
2535.00	-17.97	-28.60	10.70	21.33	33.00	H
2562.50	-17.88	-28.60	10.70	21.42	33.00	H

LTE Band 7_20MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	G_a Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	-18.24	-28.70	10.70	21.16	33.00	H
2535.00	-17.99	-28.60	10.70	21.31	33.00	H
2560.00	-17.91	-28.60	10.70	21.39	33.00	H

LTE Band 7_5MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	G_a Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2502.50	-18.19	-28.70	10.70	21.21	33.00	H
2535.00	-18.26	-28.60	10.70	21.04	33.00	H
2567.50	-18.17	-28.60	10.70	21.13	33.00	H

LTE Band 7_10MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	G_a Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2505.00	-18.22	-28.70	10.70	21.18	33.00	H
2535.00	-18.30	-28.60	10.70	21.00	33.00	H
2565.00	-18.20	-28.60	10.70	21.10	33.00	H

LTE Band 7_15MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	G_a Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	-18.26	-28.70	10.70	21.14	33.00	H
2535.00	-18.34	-28.60	10.70	20.96	33.00	H
2562.50	-18.23	-28.60	10.70	21.07	33.00	H

LTE Band 7_20MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	G_a Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	-18.28	-28.70	10.70	21.12	33.00	H
2535.00	-18.37	-28.60	10.70	20.93	33.00	H
2560.00	-18.27	-28.60	10.70	21.03	33.00	H

LTE Band 7_5MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	G_a Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2502.50	-18.32	-28.70	10.70	21.08	33.00	H
2535.00	-18.13	-28.60	10.70	21.17	33.00	H
2567.50	-18.02	-28.60	10.70	21.28	33.00	H

LTE Band 7_10MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	G_a Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2505.00	-18.35	-28.70	10.70	21.05	33.00	H
2535.00	-18.14	-28.60	10.70	21.16	33.00	H
2565.00	-18.05	-28.60	10.70	21.25	33.00	H

LTE Band 7_15MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	G_a Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	-18.38	-28.70	10.70	21.02	33.00	H
2535.00	-18.19	-28.60	10.70	21.11	33.00	H
2562.50	-18.09	-28.60	10.70	21.21	33.00	H

LTE Band 7_20MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	G_a Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	-18.42	-28.70	10.70	20.98	33.00	H
2535.00	-18.22	-28.60	10.70	21.08	33.00	H
2560.00	-18.12	-28.60	10.70	21.18	33.00	H

Peak EIRP (dBm)=P_{Mea}(-16.61dBm)-(P_{cl}+P_{Ag})(-28.70dB)+G_a(10.70dB) =22.80dBm

LTE Band 12- EIRP Part 27.50(c)(10)

Limits: ≤34.77dBm (3W)

LTE Band 12_1.4MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
699.70	-11.34	-34.80	-0.93	2.15	20.38	34.77	V
707.50	**-11.08**	**-34.70**	**-0.91**	**2.15**	**20.57**	**34.77**	**V**
715.30	-11.75	-34.70	-0.68	2.15	20.12	34.77	V

LTE Band 12_3MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
700.50	-11.34	-34.80	-0.97	2.15	20.34	34.77	V
707.50	-11.11	-34.70	-0.91	2.15	20.53	34.77	V
714.50	-11.82	-34.70	-0.64	2.15	20.09	34.77	V

LTE Band 12_5MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
701.50	-11.37	-34.80	-0.97	2.15	20.31	34.77	V
707.50	-11.14	-34.70	-0.91	2.15	20.50	34.77	V
713.50	-11.85	-34.70	-0.64	2.15	20.06	34.77	V

LTE Band 12_10MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
704.00	-11.40	-34.80	-0.97	2.15	20.28	34.77	V
707.50	-11.17	-34.70	-0.91	2.15	20.47	34.77	V
711.00	-11.88	-34.70	-0.64	2.15	20.03	34.77	V

LTE Band 12_1.4MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
699.70	-11.70	-34.80	-0.93	2.15	20.02	34.77	V
707.50	-11.15	-34.70	-0.91	2.15	20.49	34.77	V
715.30	-12.28	-34.70	-0.68	2.15	19.59	34.77	V

LTE Band 12_3MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
700.50	-11.70	-34.80	-0.97	2.15	19.98	34.77	V
707.50	-11.20	-34.70	-0.91	2.15	20.44	34.77	V
714.50	-12.35	-34.70	-0.64	2.15	19.56	34.77	V

LTE Band 12_5MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
701.50	-11.72	-34.80	-0.97	2.15	19.96	34.77	V
707.50	-11.24	-34.70	-0.91	2.15	20.40	34.77	V
713.50	-12.39	-34.70	-0.64	2.15	19.52	34.77	V

LTE Band 12_10MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
704.00	-11.75	-34.80	-0.97	2.15	19.93	34.77	V
707.50	-11.28	-34.70	-0.91	2.15	20.36	34.77	V
711.00	-12.38	-34.70	-0.64	2.15	19.53	34.77	V

LTE Band 12_1.4MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
699.70	-11.36	-34.80	-0.93	2.15	20.36	34.77	V
707.50	-11.10	-34.70	-0.91	2.15	20.54	34.77	V
715.30	-11.77	-34.70	-0.68	2.15	20.10	34.77	V

LTE Band 12_3MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
700.50	-11.36	-34.80	-0.97	2.15	20.32	34.77	V
707.50	-11.12	-34.70	-0.91	2.15	20.52	34.77	V
714.50	-11.84	-34.70	-0.64	2.15	20.07	34.77	V

LTE Band 12_5MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
701.50	-11.41	-34.80	-0.97	2.15	20.27	34.77	V
707.50	-11.16	-34.70	-0.91	2.15	20.48	34.77	V
713.50	-11.89	-34.70	-0.64	2.15	20.02	34.77	V

LTE Band 12_10MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
704.00	-11.44	-34.80	-0.97	2.15	20.24	34.77	V
707.50	-11.19	-34.70	-0.91	2.15	20.45	34.77	V
711.00	-11.93	-34.70	-0.64	2.15	19.98	34.77	V

LTE Band 12_1.4MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
699.70	-11.85	-34.80	-0.93	2.15	19.87	34.77	V
707.50	-11.39	-34.70	-0.91	2.15	20.25	34.77	V
715.30	-12.53	-34.70	-0.68	2.15	19.34	34.77	V

LTE Band 12_3MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
700.50	-11.88	-34.80	-0.97	2.15	19.80	34.77	V
707.50	-11.43	-34.70	-0.91	2.15	20.21	34.77	V
714.50	-12.61	-34.70	-0.64	2.15	19.30	34.77	V

LTE Band 12_5MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
701.50	-11.91	-34.80	-0.97	2.15	19.77	34.77	V
707.50	-11.47	-34.70	-0.91	2.15	20.17	34.77	V
713.50	-12.66	-34.70	-0.64	2.15	19.25	34.77	V

LTE Band 12_10MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
704.00	-11.96	-34.80	-0.97	2.15	19.72	34.77	V
707.50	-11.50	-34.70	-0.91	2.15	20.14	34.77	V
711.00	-12.71	-34.70	-0.64	2.15	19.20	34.77	V

LTE Band 12_1.4MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
699.70	-11.38	-34.80	-0.93	2.15	20.34	34.77	V
707.50	-11.12	-34.70	-0.91	2.15	20.52	34.77	V
715.30	-11.80	-34.70	-0.68	2.15	20.07	34.77	V

LTE Band 12_3MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
700.50	-11.37	-34.80	-0.97	2.15	20.31	34.77	V
707.50	-11.17	-34.70	-0.91	2.15	20.47	34.77	V
714.50	-11.87	-34.70	-0.64	2.15	20.04	34.77	V

LTE Band 12_5MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
701.50	-11.40	-34.80	-0.97	2.15	20.28	34.77	V
707.50	-11.21	-34.70	-0.91	2.15	20.43	34.77	V
713.50	-11.90	-34.70	-0.64	2.15	20.01	34.77	V

LTE Band 12_10MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
704.00	-11.44	-34.80	-0.97	2.15	20.24	34.77	V
707.50	-11.24	-34.70	-0.91	2.15	20.40	34.77	V
711.00	-11.95	-34.70	-0.64	2.15	19.96	34.77	V

LTE Band 12_1.4MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
699.70	-12.16	-34.80	-0.93	2.15	19.56	34.77	V
707.50	-11.66	-34.70	-0.91	2.15	19.98	34.77	V
715.30	-12.38	-34.70	-0.68	2.15	19.49	34.77	V

LTE Band 12_3MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
700.50	-12.16	-34.80	-0.97	2.15	19.52	34.77	V
707.50	-11.69	-34.70	-0.91	2.15	19.95	34.77	V
714.50	-12.46	-34.70	-0.64	2.15	19.45	34.77	V

LTE Band 12_5MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
701.50	-12.20	-34.80	-0.97	2.15	19.48	34.77	V
707.50	-11.73	-34.70	-0.91	2.15	19.91	34.77	V
713.50	-12.50	-34.70	-0.64	2.15	19.41	34.77	V

LTE Band 12_10MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
704.00	-12.25	-34.80	-0.97	2.15	19.43	34.77	V
707.50	-11.76	-34.70	-0.91	2.15	19.88	34.77	V
711.00	-12.54	-34.70	-0.64	2.15	19.37	34.77	V

Peak ERP (dBm)=P_{Mea}(-11.08dBm)-(P_{cl}+P_{Ag})(-34.70dB)+G_a(-0.691B) -2.15dB =20.57dBm

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

Limits: ≤34.77dBm (3W)

LTE Band 13_5MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
779.50	-11.66	-34.00	-0.08	2.15	20.11	34.77	V
782.00	-11.59	-34.00	-0.13	2.15	20.13	34.77	V
784.50	-11.56	-34.00	-0.13	2.15	20.16	34.77	V

LTE Band 13_10MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
782.00	-11.58	-34.00	-0.13	2.15	20.14	34.77	V

LTE Band 13_5MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
779.50	-11.02	-34.00	-0.08	2.15	20.75	34.77	V
782.00	**-10.18**	**-34.00**	**-0.13**	**2.15**	**21.54**	**34.77**	**V**
784.50	-11.01	-34.00	-0.13	2.15	20.71	34.77	V

LTE Band 13_10MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
782.00	-10.40	-34.00	-0.13	2.15	21.32	34.77	V

LTE Band 13_5MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
779.50	-11.70	-34.00	-0.08	2.15	20.07	34.77	V
782.00	-11.61	-34.00	-0.13	2.15	20.11	34.77	V
784.50	-11.60	-34.00	-0.13	2.15	20.12	34.77	V

LTE Band 13_10MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
782.00	-11.62	-34.00	-0.13	2.15	20.10	34.77	V

LTE Band 13_5MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
779.50	-11.07	-34.00	-0.08	2.15	20.70	34.77	V
782.00	-10.31	-34.00	-0.13	2.15	21.41	34.77	V
784.50	-11.03	-34.00	-0.13	2.15	20.69	34.77	V

LTE Band 13_10MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
782.00	-10.51	-34.00	-0.13	2.15	21.21	34.77	V

LTE Band 13_5MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
779.50	-11.72	-34.00	-0.08	2.15	20.05	34.77	V
782.00	-11.65	-34.00	-0.13	2.15	20.07	34.77	V
784.50	-11.63	-34.00	-0.13	2.15	20.09	34.77	V

LTE Band 13_10MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
782.00	-11.66	-34.00	-0.13	2.15	20.06	34.77	V

LTE Band 13_5MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
779.50	-11.20	-34.00	-0.08	2.15	20.57	34.77	V
782.00	-10.67	-34.00	-0.13	2.15	21.05	34.77	V
784.50	-11.20	-34.00	-0.13	2.15	20.52	34.77	V

LTE Band 13_10MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
782.00	-10.75	-34.00	-0.13	2.15	20.97	34.77	V

Peak ERP (dBm)=P_{Mea}(-10.18dBm)-(P_{cl}+P_{Ag})(-34.00dB)+G_a(-0.13dB) -2.15dB =21.54dBm

LTE band 26(814MHz-824MHz)- ERP Part 90.635(b)

Limits: ≤50.00dBm (100W)

LTE band 26(814MHz-824MHz)_1.4MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
814.70	-10.32	-33.70	-0.80	2.15	20.43	50.00	H
819.00	-9.71	-33.60	-0.75	2.15	21.00	50.00	H
823.30	-8.94	-33.60	-0.79	2.15	21.72	50.00	H

LTE band 26(814MHz-824MHz)_3MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
815.50	-10.36	-33.70	-0.80	2.15	20.39	50.00	H
819.00	-9.74	-33.60	-0.75	2.15	20.96	50.00	H
822.50	-8.98	-33.60	-0.79	2.15	21.68	50.00	H

LTE band 26(814MHz-824MHz)_5MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
816.50	-10.39	-33.70	-0.80	2.15	20.36	50.00	H
819.00	-9.79	-33.60	-0.75	2.15	20.91	50.00	H
821.50	-9.03	-33.60	-0.79	2.15	21.63	50.00	H

LTE band 26(814MHz-824MHz)_10MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
819.00	-10.33	-33.60	-0.80	2.15	20.32	50.00	H
819.00	-9.83	-33.60	-0.75	2.15	20.87	50.00	H
819.00	-9.07	-33.60	-0.79	2.15	21.59	50.00	H

LTE band 26(814MHz-824MHz)_1.4MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
814.70	-9.77	-33.70	-0.80	2.15	20.98	50.00	H
819.00	-9.20	-33.60	-0.75	2.15	21.50	50.00	H
823.30	**-8.88**	**-33.60**	**-0.79**	**2.15**	**21.78**	**50.00**	**H**

LTE band 26(814MHz-824MHz)_3MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
815.50	-9.83	-33.70	-0.80	2.15	20.92	50.00	H
819.00	-9.23	-33.60	-0.75	2.15	21.47	50.00	H
822.50	-8.93	-33.60	-0.79	2.15	21.73	50.00	H

LTE band 26(814MHz-824MHz)_5MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
816.50	-9.88	-33.70	-0.80	2.15	20.87	50.00	H
819.00	-9.28	-33.60	-0.75	2.15	21.42	50.00	H
821.50	-8.98	-33.60	-0.79	2.15	21.68	50.00	H

LTE band 26(814MHz-824MHz)_10MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
819.00	-9.82	-33.60	-0.80	2.15	20.83	50.00	H
819.00	-9.32	-33.60	-0.75	2.15	21.38	50.00	H
819.00	-8.99	-33.60	-0.79	2.15	21.67	50.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
814.70	-10.35	-33.70	-0.80	2.15	20.40	50.00	H
819.00	-9.73	-33.60	-0.75	2.15	20.97	50.00	H
823.30	-8.97	-33.60	-0.79	2.15	21.69	50.00	H

LTE band 26(814MHz-824MHz)_3MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
815.50	-10.41	-33.70	-0.80	2.15	20.34	50.00	H
819.00	-9.77	-33.60	-0.75	2.15	20.93	50.00	H
822.50	-9.01	-33.60	-0.79	2.15	21.65	50.00	H

LTE band 26(814MHz-824MHz)_5MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
816.50	-10.44	-33.70	-0.80	2.15	20.31	50.00	H
819.00	-9.80	-33.60	-0.75	2.15	20.90	50.00	H
821.50	-9.05	-33.60	-0.79	2.15	21.61	50.00	H

LTE band 26(814MHz-824MHz)_10MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
819.00	-10.37	-33.60	-0.80	2.15	20.28	50.00	H
819.00	-9.85	-33.60	-0.75	2.15	20.85	50.00	H
819.00	-9.10	-33.60	-0.79	2.15	21.56	50.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
814.70	-10.07	-33.70	-0.80	2.15	20.68	50.00	H
819.00	-9.55	-33.60	-0.75	2.15	21.15	50.00	H
823.30	-9.43	-33.60	-0.79	2.15	21.23	50.00	H

LTE band 26(814MHz-824MHz)_3MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
815.50	-10.10	-33.70	-0.80	2.15	20.65	50.00	H
819.00	-9.59	-33.60	-0.75	2.15	21.11	50.00	H
822.50	-9.47	-33.60	-0.79	2.15	21.19	50.00	H

LTE band 26(814MHz-824MHz)_5MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
816.50	-10.12	-33.70	-0.80	2.15	20.63	50.00	H
819.00	-9.62	-33.60	-0.75	2.15	21.08	50.00	H
821.50	-9.50	-33.60	-0.79	2.15	21.16	50.00	H

LTE band 26(814MHz-824MHz)_10MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
819.00	-10.06	-33.60	-0.80	2.15	20.59	50.00	H
819.00	-9.64	-33.60	-0.75	2.15	21.06	50.00	H
819.00	-9.53	-33.60	-0.79	2.15	21.13	50.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
814.70	-10.38	-33.70	-0.80	2.15	20.37	50.00	H
819.00	-9.74	-33.60	-0.75	2.15	20.96	50.00	H
823.30	-9.02	-33.60	-0.79	2.15	21.64	50.00	H

LTE band 26(814MHz-824MHz)_3MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
815.50	-10.43	-33.70	-0.80	2.15	20.32	50.00	H
819.00	-9.77	-33.60	-0.75	2.15	20.93	50.00	H
822.50	-9.06	-33.60	-0.79	2.15	21.60	50.00	H

LTE band 26(814MHz-824MHz)_5MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
816.50	-10.47	-33.70	-0.80	2.15	20.28	50.00	H
819.00	-9.82	-33.60	-0.75	2.15	20.88	50.00	H
821.50	-9.12	-33.60	-0.79	2.15	21.54	50.00	H

LTE band 26(814MHz-824MHz)_10MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
819.00	-10.41	-33.60	-0.80	2.15	20.24	50.00	H
819.00	-9.87	-33.60	-0.75	2.15	20.83	50.00	H
819.00	-9.15	-33.60	-0.79	2.15	21.51	50.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
814.70	-10.41	-33.70	-0.80	2.15	20.34	50.00	H
819.00	-9.84	-33.60	-0.75	2.15	20.86	50.00	H
823.30	-9.73	-33.60	-0.79	2.15	20.93	50.00	H

LTE band 26(814MHz-824MHz)_3MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
815.50	-10.45	-33.70	-0.80	2.15	20.30	50.00	H
819.00	-9.87	-33.60	-0.75	2.15	20.83	50.00	H
822.50	-9.76	-33.60	-0.79	2.15	20.90	50.00	H

LTE band 26(814MHz-824MHz)_5MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
816.50	-10.51	-33.70	-0.80	2.15	20.24	50.00	H
819.00	-9.92	-33.60	-0.75	2.15	20.78	50.00	H
821.50	-9.80	-33.60	-0.79	2.15	20.86	50.00	H

LTE band 26(814MHz-824MHz)_10MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
819.00	-10.45	-33.60	-0.80	2.15	20.20	50.00	H
819.00	-9.97	-33.60	-0.75	2.15	20.73	50.00	H
819.00	-9.84	-33.60	-0.79	2.15	20.82	50.00	H

Peak ERP (dBm)=P_{Mea}(-8.88dBm)-(P_{cl}+P_{Ag})(-33.60dB)+G_a(-0.79dB) -2.15 =21.78dBm

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

Limits: ≤38.45dBm (7W)

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

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-8.92	-33.60	-0.79	2.15	21.74	38.45	H
836.50	-9.10	-33.50	-0.74	2.15	21.51	38.45	H
848.30	-9.85	-33.50	-0.73	2.15	20.77	38.45	H

LTE band 26(824MHz-849MHz)_3MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-8.96	-33.60	-0.79	2.15	21.70	38.45	H
836.50	-9.14	-33.50	-0.74	2.15	21.47	38.45	H
847.50	-9.88	-33.50	-0.73	2.15	20.74	38.45	H

LTE band 26(824MHz-849MHz)_5MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-9.01	-33.60	-0.79	2.15	21.65	38.45	H
836.50	-9.18	-33.50	-0.74	2.15	21.43	38.45	H
846.50	-9.91	-33.50	-0.73	2.15	20.71	38.45	H

LTE band 26(824MHz-849MHz)_10MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-9.05	-33.60	-0.79	2.15	21.61	38.45	H
836.50	-9.23	-33.50	-0.74	2.15	21.38	38.45	H
844.00	-9.95	-33.50	-0.73	2.15	20.67	38.45	H

LTE band 26(824MHz-849MHz)_15MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
831.50	-9.09	-33.60	-0.79	2.15	21.57	38.45	H
836.50	-9.27	-33.50	-0.74	2.15	21.34	38.45	H
841.50	-9.98	-33.50	-0.73	2.15	20.64	38.45	H

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

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	**-8.67**	**-33.60**	**-0.79**	**2.15**	**21.99**	**38.45**	**H**
836.50	-8.74	-33.50	-0.74	2.15	21.87	38.45	H
848.30	-9.32	-33.50	-0.73	2.15	21.30	38.45	H

LTE band 26(824MHz-849MHz)_3MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-8.73	-33.60	-0.79	2.15	21.93	38.45	H
836.50	-8.78	-33.50	-0.74	2.15	21.83	38.45	H
847.50	-9.35	-33.50	-0.73	2.15	21.27	38.45	H

LTE band 26(824MHz-849MHz)_5MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-8.76	-33.60	-0.79	2.15	21.90	38.45	H
836.50	-8.83	-33.50	-0.74	2.15	21.78	38.45	H
846.50	-9.39	-33.50	-0.73	2.15	21.23	38.45	H

LTE band 26(824MHz-849MHz)_10MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-8.81	-33.60	-0.79	2.15	21.85	38.45	H
836.50	-8.87	-33.50	-0.74	2.15	21.74	38.45	H
844.00	-9.43	-33.50	-0.73	2.15	21.19	38.45	H

LTE band 26(824MHz-849MHz)_15MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
831.50	-8.84	-33.60	-0.79	2.15	21.82	38.45	H
836.50	-8.91	-33.50	-0.74	2.15	21.70	38.45	H
841.50	-9.47	-33.50	-0.73	2.15	21.15	38.45	H

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

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-8.98	-33.60	-0.79	2.15	21.68	38.45	H
836.50	-9.21	-33.50	-0.74	2.15	21.40	38.45	H
848.30	-9.88	-33.50	-0.73	2.15	20.74	38.45	H

LTE band 26(824MHz-849MHz)_3MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-9.02	-33.60	-0.79	2.15	21.64	38.45	H
836.50	-9.26	-33.50	-0.74	2.15	21.35	38.45	H
847.50	-9.93	-33.50	-0.73	2.15	20.69	38.45	H

LTE band 26(824MHz-849MHz)_5MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-9.04	-33.60	-0.79	2.15	21.62	38.45	H
836.50	-9.29	-33.50	-0.74	2.15	21.32	38.45	H
846.50	-9.95	-33.50	-0.73	2.15	20.67	38.45	H

LTE band 26(824MHz-849MHz)_10MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-9.08	-33.60	-0.79	2.15	21.58	38.45	H
836.50	-9.33	-33.50	-0.74	2.15	21.28	38.45	H
844.00	-9.99	-33.50	-0.73	2.15	20.63	38.45	H

LTE band 26(824MHz-849MHz)_15MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
831.50	-9.13	-33.60	-0.79	2.15	21.53	38.45	H
836.50	-9.35	-33.50	-0.74	2.15	21.26	38.45	H
841.50	-10.02	-33.50	-0.73	2.15	20.60	38.45	H

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

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-9.32	-33.60	-0.79	2.15	21.34	38.45	H
836.50	-9.46	-33.50	-0.74	2.15	21.15	38.45	H
848.30	-9.65	-33.50	-0.73	2.15	20.97	38.45	H

LTE band 26(824MHz-849MHz)_3MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-9.36	-33.60	-0.79	2.15	21.30	38.45	H
836.50	-9.52	-33.50	-0.74	2.15	21.09	38.45	H
847.50	-9.67	-33.50	-0.73	2.15	20.95	38.45	H

LTE band 26(824MHz-849MHz)_5MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-9.39	-33.60	-0.79	2.15	21.27	38.45	H
836.50	-9.60	-33.50	-0.74	2.15	21.01	38.45	H
846.50	-9.69	-33.50	-0.73	2.15	20.93	38.45	H

LTE band 26(824MHz-849MHz)_10MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-9.42	-33.60	-0.79	2.15	21.24	38.45	H
836.50	-9.64	-33.50	-0.74	2.15	20.97	38.45	H
844.00	-9.75	-33.50	-0.73	2.15	20.87	38.45	H

LTE band 26(824MHz-849MHz)_15MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
831.50	-9.46	-33.60	-0.79	2.15	21.20	38.45	H
836.50	-9.66	-33.50	-0.74	2.15	20.95	38.45	H
841.50	-9.78	-33.50	-0.73	2.15	20.84	38.45	H

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

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-8.99	-33.60	-0.79	2.15	21.67	38.45	H
836.50	-9.23	-33.50	-0.74	2.15	21.38	38.45	H
848.30	-9.90	-33.50	-0.73	2.15	20.72	38.45	H

LTE band 26(824MHz-849MHz)_3MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-9.01	-33.60	-0.79	2.15	21.65	38.45	H
836.50	-9.27	-33.50	-0.74	2.15	21.34	38.45	H
847.50	-9.95	-33.50	-0.73	2.15	20.67	38.45	H

LTE band 26(824MHz-849MHz)_5MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-9.03	-33.60	-0.79	2.15	21.63	38.45	H
836.50	-9.30	-33.50	-0.74	2.15	21.31	38.45	H
846.50	-9.98	-33.50	-0.73	2.15	20.64	38.45	H

LTE band 26(824MHz-849MHz)_10MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-9.09	-33.60	-0.79	2.15	21.57	38.45	H
836.50	-9.34	-33.50	-0.74	2.15	21.27	38.45	H
844.00	-10.01	-33.50	-0.73	2.15	20.61	38.45	H

LTE band 26(824MHz-849MHz)_15MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
831.50	-9.16	-33.60	-0.79	2.15	21.50	38.45	H
836.50	-9.37	-33.50	-0.74	2.15	21.24	38.45	H
841.50	-10.05	-33.50	-0.73	2.15	20.57	38.45	H

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

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
824.70	-9.77	-33.60	-0.79	2.15	20.89	38.45	H
836.50	-9.86	-33.50	-0.74	2.15	20.75	38.45	H
848.30	-10.17	-33.50	-0.73	2.15	20.45	38.45	H

LTE band 26(824MHz-849MHz)_3MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
825.50	-9.81	-33.60	-0.79	2.15	20.85	38.45	H
836.50	-9.90	-33.50	-0.74	2.15	20.71	38.45	H
847.50	-10.20	-33.50	-0.73	2.15	20.42	38.45	H

LTE band 26(824MHz-849MHz)_5MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
826.50	-9.84	-33.60	-0.79	2.15	20.82	38.45	H
836.50	-9.93	-33.50	-0.74	2.15	20.68	38.45	H
846.50	-10.24	-33.50	-0.73	2.15	20.38	38.45	H

LTE band 26(824MHz-849MHz)_10MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
829.00	-9.88	-33.60	-0.79	2.15	20.78	38.45	H
836.50	-9.97	-33.50	-0.74	2.15	20.64	38.45	H
844.00	-10.28	-33.50	-0.73	2.15	20.34	38.45	H

LTE band 26(824MHz-849MHz)_15MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	Correction (dB)	ERP(dBm)	Limit(dBm)	Polarization
831.50	-9.92	-33.60	-0.79	2.15	20.74	38.45	H
836.50	-10.03	-33.50	-0.74	2.15	20.58	38.45	H
841.50	-10.31	-33.50	-0.73	2.15	20.31	38.45	H

Peak ERP (dBm)=P_{Mea}(-8.67dBm)-(P_{cl}+P_{Ag})(-33.60dB)+G_a(-0.79dB) -2.15=21.99dBm

LTE Band 41 - EIRP Part 27.50(h)(2)

Limits: ≤33dBm (2W)

LTE Band 41_5MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2498.50	-18.92	-28.70	10.70	20.48	33.00	H
2593.00	-18.28	-28.60	10.70	21.02	33.00	H
2687.50	-18.34	-28.50	10.70	20.86	33.00	H

LTE Band 41_10MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.00	-18.97	-28.70	10.70	20.43	33.00	H
2593.00	-18.32	-28.60	10.70	20.98	33.00	H
2685.00	-18.08	-28.50	10.70	21.12	33.00	H

LTE Band 41_15MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	-19.02	-28.70	10.70	20.38	33.00	H
2593.00	-18.37	-28.60	10.70	20.93	33.00	H
2682.50	-18.10	-28.50	10.70	21.10	33.00	H

LTE Band 41_20MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	-19.04	-28.70	10.70	20.36	33.00	H
2593.00	-18.44	-28.60	10.70	20.86	33.00	H
2680.00	-18.13	-28.50	10.70	21.07	33.00	H

LTE Band 41_5MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2498.50	-18.28	-28.70	10.70	21.12	33.00	H
2593.00	-18.27	-28.60	10.70	21.03	33.00	H
2687.50	-18.83	-28.50	10.70	20.37	33.00	H

LTE Band 41_10MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.00	-18.32	-28.70	10.70	21.08	33.00	H
2593.00	-18.33	-28.60	10.70	20.97	33.00	H
2685.00	-18.88	-28.50	10.70	20.32	33.00	H

LTE Band 41_15MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	-18.35	-28.70	10.70	21.05	33.00	H
2593.00	-18.35	-28.60	10.70	20.95	33.00	H
2682.50	-18.91	-28.50	10.70	20.29	33.00	H

LTE Band 41_20MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	-18.37	-28.70	10.70	21.03	33.00	H
2593.00	-18.38	-28.60	10.70	20.92	33.00	H
2680.00	-18.94	-28.50	10.70	20.26	33.00	H

LTE Band 41_5MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2498.50	-18.94	-28.70	10.70	20.46	33.00	H
2593.00	-18.30	-28.60	10.70	21.00	33.00	H
2687.50	**-18.06**	**-28.50**	**10.70**	**21.14**	**33.00**	**H**

LTE Band 41_10MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.00	-18.98	-28.70	10.70	20.42	33.00	H
2593.00	-18.33	-28.60	10.70	20.97	33.00	H
2685.00	-18.09	-28.50	10.70	21.11	33.00	H

LTE Band 41_15MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	-19.01	-28.70	10.70	20.39	33.00	H
2593.00	-18.37	-28.60	10.70	20.93	33.00	H
2682.50	-18.14	-28.50	10.70	21.06	33.00	H

LTE Band 41_20 MHz_16QAM-UP

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	-18.42	-28.60	10.70	20.88	33.00	H
2680.00	-18.17	-28.50	10.70	21.03	33.00	H

LTE Band 41_5MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2498.50	-18.31	-28.70	10.70	21.09	33.00	H
2593.00	-18.31	-28.60	10.70	20.99	33.00	H
2687.50	-18.85	-28.50	10.70	20.35	33.00	H

LTE Band 41_10MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.00	-18.34	-28.70	10.70	21.06	33.00	H
2593.00	-18.35	-28.60	10.70	20.95	33.00	H
2685.00	-18.89	-28.50	10.70	20.31	33.00	H

LTE Band 41_15MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	-18.38	-28.70	10.70	21.02	33.00	H
2593.00	-18.39	-28.60	10.70	20.91	33.00	H
2682.50	-18.92	-28.50	10.70	20.28	33.00	H

LTE Band 41_20 MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{Cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	-18.42	-28.70	10.70	20.98	33.00	H
2593.00	-18.43	-28.60	10.70	20.87	33.00	H
2680.00	-18.97	-28.50	10.70	20.23	33.00	H

LTE Band 41_5MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2498.50	-19.47	-28.70	10.70	19.93	33.00	H
2593.00	-18.83	-28.60	10.70	20.47	33.00	H
2687.50	-18.58	-28.50	10.70	20.62	33.00	H

LTE Band 41_10MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.00	-19.51	-28.70	10.70	19.89	33.00	H
2593.00	-18.88	-28.60	10.70	20.42	33.00	H
2685.00	-18.62	-28.50	10.70	20.58	33.00	H

LTE Band 41_15MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	-19.54	-28.70	10.70	19.86	33.00	H
2593.00	-18.93	-28.60	10.70	20.37	33.00	H
2682.50	-18.65	-28.50	10.70	20.55	33.00	H

LTE Band 41_20 MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	-19.57	-28.70	10.70	19.83	33.00	H
2593.00	-18.97	-28.60	10.70	20.33	33.00	H
2680.00	-18.69	-28.50	10.70	20.51	33.00	H

LTE Band 41_5MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2498.50	-18.34	-28.70	10.70	21.06	33.00	H
2593.00	-18.33	-28.60	10.70	20.97	33.00	H
2687.50	-18.87	-28.50	10.70	20.33	33.00	H

LTE Band 41_10MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.00	-18.39	-28.70	10.70	21.01	33.00	H
2593.00	-18.37	-28.60	10.70	20.93	33.00	H
2685.00	-18.91	-28.50	10.70	20.29	33.00	H

LTE Band 41_15MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	-18.43	-28.70	10.70	20.97	33.00	H
2593.00	-18.41	-28.60	10.70	20.89	33.00	H
2682.50	-18.94	-28.50	10.70	20.26	33.00	H

LTE Band 41_20 MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	-18.46	-28.70	10.70	20.94	33.00	H
2593.00	-18.45	-28.60	10.70	20.85	33.00	H
2680.00	-18.98	-28.50	10.70	20.22	33.00	H

Peak EIRP (dBm)=P_{Mea}(-18.06dBm)-(P_{cl}+P_{Ag}) (-28.50dB)+G_a(10.70dB) =21.14dBm

LTE Band 66- EIRP Part 27.50(d)

Limits: ≤30dBm (1W)

LTE Band 66_1.4MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-15.20	-29.60	8.10	22.50	30.00	H
1745.00	**-14.81**	**-29.50**	**8.10**	**22.79**	**30.00**	**H**
1779.30	-15.54	-29.50	8.10	22.06	30.00	H

LTE Band 66_3MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-15.24	-29.60	8.10	22.46	30.00	H
1745.00	-14.85	-29.50	8.10	22.75	30.00	H
1778.50	-15.58	-29.50	8.10	22.02	30.00	H

LTE Band 66_5MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-15.27	-29.60	8.10	22.43	30.00	H
1745.00	-14.89	-29.50	8.10	22.71	30.00	H
1777.50	-15.62	-29.50	8.10	21.98	30.00	H

LTE Band 66_10MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-15.31	-29.60	8.10	22.39	30.00	H
1745.00	-14.93	-29.50	8.10	22.67	30.00	H
1775.00	-15.65	-29.50	8.10	21.95	30.00	H

LTE Band 66_15MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-15.34	-29.60	8.10	22.36	30.00	H
1745.00	-14.98	-29.50	8.10	22.62	30.00	H
1772.53	-15.69	-29.50	8.10	21.91	30.00	H

LTE Band 66_20MHz_QPSK-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-15.36	-29.60	8.10	22.34	30.00	H
1745.00	-15.02	-29.50	8.10	22.58	30.00	H
1770.00	-15.73	-29.50	8.10	21.87	30.00	H

LTE Band 66_1.4MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-15.58	-29.60	8.10	22.12	30.00	H
1745.00	-15.02	-29.50	8.10	22.58	30.00	H
1779.30	-15.03	-29.50	8.10	22.57	30.00	H

LTE Band 66_3MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-15.63	-29.60	8.10	22.07	30.00	H
1745.00	-15.04	-29.50	8.10	22.56	30.00	H
1778.50	-15.06	-29.50	8.10	22.54	30.00	H

LTE Band 66_5MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-15.65	-29.60	8.10	22.05	30.00	H
1745.00	-15.08	-29.50	8.10	22.52	30.00	H
1777.50	-15.10	-29.50	8.10	22.50	30.00	H

LTE Band 66_10MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-15.68	-29.60	8.10	22.02	30.00	H
1745.00	-15.13	-29.50	8.10	22.47	30.00	H
1775.00	-15.14	-29.50	8.10	22.46	30.00	H

LTE Band 66_15MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-15.74	-29.60	8.10	21.96	30.00	H
1745.00	-15.18	-29.50	8.10	22.42	30.00	H
1772.53	-15.21	-29.50	8.10	22.39	30.00	H

LTE Band 66_20MHz_QPSK-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-15.78	-29.60	8.10	21.92	30.00	H
1745.00	-15.24	-29.50	8.10	22.36	30.00	H
1770.00	-15.26	-29.50	8.10	22.34	30.00	H

LTE Band 66_1.4MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-15.74	-29.60	8.10	21.96	30.00	H
1745.00	-15.34	-29.50	8.10	22.26	30.00	H
1779.30	-16.07	-29.50	8.10	21.53	30.00	H

LTE Band 66_3MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-15.78	-29.60	8.10	21.92	30.00	H
1745.00	-15.38	-29.50	8.10	22.22	30.00	H
1778.50	-16.10	-29.50	8.10	21.50	30.00	H

LTE Band 66_5MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-15.82	-29.60	8.10	21.88	30.00	H
1745.00	-15.41	-29.50	8.10	22.19	30.00	H
1777.50	-16.12	-29.50	8.10	21.48	30.00	H

LTE Band 66_10MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-15.85	-29.60	8.10	21.85	30.00	H
1745.00	-15.45	-29.50	8.10	22.15	30.00	H
1775.00	-16.10	-29.50	8.10	21.50	30.00	H

LTE Band 66_15MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-15.88	-29.60	8.10	21.82	30.00	H
1745.00	-15.49	-29.50	8.10	22.11	30.00	H
1772.53	-16.14	-29.50	8.10	21.46	30.00	H

LTE Band 66_20MHz_16QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-15.92	-29.60	8.10	21.78	30.00	H
1745.00	-15.53	-29.50	8.10	22.07	30.00	H
1770.00	-16.18	-29.50	8.10	21.42	30.00	H

LTE Band 66_1.4MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-16.34	-29.60	8.10	21.36	30.00	H
1745.00	-15.85	-29.50	8.10	21.75	30.00	H
1779.30	-15.83	-29.50	8.10	21.77	30.00	H

LTE Band 66_3MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-16.38	-29.60	8.10	21.32	30.00	H
1745.00	-15.88	-29.50	8.10	21.72	30.00	H
1778.50	-15.86	-29.50	8.10	21.74	30.00	H

LTE Band 66_5MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-16.42	-29.60	8.10	21.28	30.00	H
1745.00	-15.93	-29.50	8.10	21.67	30.00	H
1777.50	-15.95	-29.50	8.10	21.65	30.00	H

LTE Band 66_10MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-16.45	-29.60	8.10	21.25	30.00	H
1745.00	-15.97	-29.50	8.10	21.63	30.00	H
1775.00	-16.04	-29.50	8.10	21.56	30.00	H

LTE Band 66_15MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-16.47	-29.60	8.10	21.23	30.00	H
1745.00	-16.03	-29.50	8.10	21.57	30.00	H
1772.53	-16.07	-29.50	8.10	21.53	30.00	H

LTE Band 66_20MHz_16QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-16.50	-29.60	8.10	21.20	30.00	H
1745.00	-16.07	-29.50	8.10	21.53	30.00	H
1770.00	-16.13	-29.50	8.10	21.47	30.00	H

LTE Band 66_1.4MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-16.28	-29.60	8.10	21.42	30.00	H
1745.00	-16.07	-29.50	8.10	21.53	30.00	H
1779.30	-16.60	-29.50	8.10	21.00	30.00	H

LTE Band 66_3MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-16.32	-29.60	8.10	21.38	30.00	H
1745.00	-16.12	-29.50	8.10	21.48	30.00	H
1778.50	-16.62	-29.50	8.10	20.98	30.00	H

LTE Band 66_5MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-16.37	-29.60	8.10	21.33	30.00	H
1745.00	-16.18	-29.50	8.10	21.42	30.00	H
1777.50	-16.67	-29.50	8.10	20.93	30.00	H

LTE Band 66_10MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-16.41	-29.60	8.10	21.29	30.00	H
1745.00	-16.22	-29.50	8.10	21.38	30.00	H
1775.00	-16.70	-29.50	8.10	20.90	30.00	H

LTE Band 66_15MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-16.44	-29.60	8.10	21.26	30.00	H
1745.00	-16.27	-29.50	8.10	21.33	30.00	H
1772.53	-16.74	-29.50	8.10	20.86	30.00	H

LTE Band 66_20MHz_64QAM-UP

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-16.47	-29.60	8.10	21.23	30.00	H
1745.00	-16.33	-29.50	8.10	21.27	30.00	H
1770.00	-16.77	-29.50	8.10	20.83	30.00	H

LTE Band 66_1.4MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-16.81	-29.60	8.10	20.89	30.00	H
1745.00	-16.33	-29.50	8.10	21.27	30.00	H
1779.30	-16.31	-29.50	8.10	21.29	30.00	H

LTE Band 66_3MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(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	-16.36	-29.50	8.10	21.24	30.00	H
1778.50	-16.34	-29.50	8.10	21.26	30.00	H

LTE Band 66_5MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-16.83	-29.60	8.10	20.87	30.00	H
1745.00	-16.37	-29.50	8.10	21.23	30.00	H
1777.50	-16.35	-29.50	8.10	21.25	30.00	H

LTE Band 66_10MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-16.88	-29.60	8.10	20.82	30.00	H
1745.00	-16.42	-29.50	8.10	21.18	30.00	H
1775.00	-16.38	-29.50	8.10	21.22	30.00	H

LTE Band 66_15MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-16.91	-29.60	8.10	20.79	30.00	H
1745.00	-16.44	-29.50	8.10	21.16	30.00	H
1772.53	-16.41	-29.50	8.10	21.19	30.00	H

LTE Band 66_20MHz_64QAM-DOWN

Frequency(MHz)	P_{Mea}(dBm)	P_{cl}(dB)+ P_{Ag}(dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-16.92	-29.60	8.10	20.78	30.00	H
1745.00	-16.48	-29.50	8.10	21.12	30.00	H
1770.00	-16.46	-29.50	8.10	21.14	30.00	H

Peak EIRP (dBm)=P_{Mea}(-14.81dBm)-(P_{cl}+P_{Ag})(-29.50dB)+G_a(8.10dB) =22.79dBm

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 = 2.72dB(30MHz-3GHz)/3.60dB(3GHz-18GHz)/3.58dB(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 22.917, 24.238, 27.53,90.691.

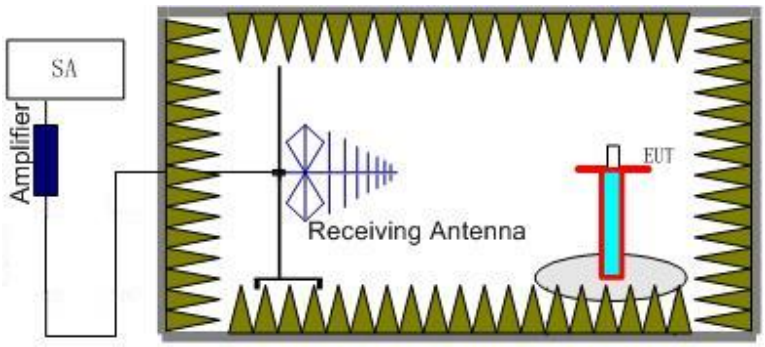
A.2.1 Measurement Method

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

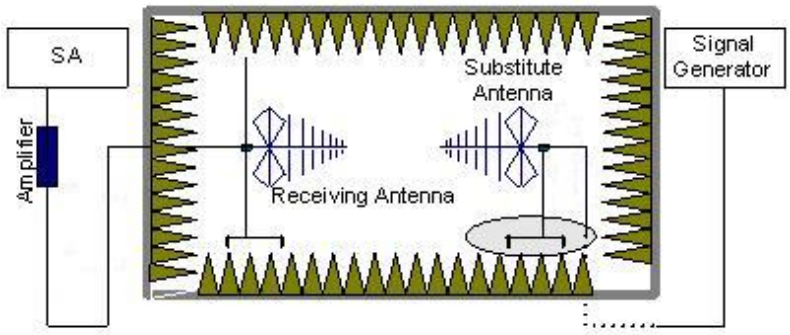
The spectrum was scanned from 30 MHz to the 10th harmonic of the highest frequency generated within the equipment, which is the transmitted carrier. The resolution bandwidth is set 1MHz as outlined in Part 22.917, 24.238, 27.53(h) and 90.691. The spectrum was scanned with the mobile station transmitting at carrier frequencies that pertain to low, mid and high channels of the LTE Bands 2,7,17, 26,41,66.

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, an 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 LTE Bands 2,7,17, 26,41,66. 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 LTE Bands 2,7,17, 26,41,66 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.

LTE Band 2, 1.4MHz, QPSK, Channel 18607-UP

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16965.00	-45.87	2.90	16.50	-32.27	-13.00	H
17148.75	-44.22	2.90	14.50	-32.62	-13.00	H
17283.75	-44.15	3.20	14.50	-32.85	-13.00	V
17448.13	-42.52	2.90	14.50	-30.92	-13.00	V
17564.38	-39.84	3.30	12.80	-30.34	-13.00	H
17833.75	-40.16	3.60	12.80	-30.96	-13.00	V

LTE Band 2, 1.4MHz, QPSK, Channel 18900-UP

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16921.25	-45.08	2.90	16.50	-31.48	-13.00	H
17096.25	-44.27	2.90	14.50	-32.67	-13.00	V
17306.25	-43.45	3.20	14.50	-32.15	-13.00	V
17494.38	-42.34	2.90	14.50	-30.74	-13.00	H
17572.50	-39.21	3.30	12.80	-29.71	-13.00	H
17776.25	-39.16	3.60	12.80	-29.96	-13.00	H

LTE Band 2, 1.4MHz, QPSK, Channel 19193-UP

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16939.38	-44.74	2.90	16.50	-31.14	-13.00	V
17137.50	-43.68	2.90	14.50	-32.08	-13.00	H
17273.75	-41.87	3.20	14.50	-30.57	-13.00	H
17513.13	-39.26	2.90	12.80	-29.36	-13.00	H
17618.13	-38.68	3.30	12.80	-29.18	-13.00	H
17780.00	-38.40	3.60	12.80	-29.20	-13.00	H

LTE Band 2, 1.4MHz, QPSK, Channel 18607-DOWN

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16942.50	-45.99	2.90	16.50	-32.39	-13.00	H
17119.38	-44.24	2.90	14.50	-32.64	-13.00	H
17239.38	-43.95	3.20	14.50	-32.65	-13.00	V
17450.00	-42.47	2.90	14.50	-30.87	-13.00	V
17622.50	-40.27	3.30	12.80	-30.77	-13.00	H
17781.88	-40.52	3.60	12.80	-31.32	-13.00	V

LTE Band 2, 1.4MHz, QPSK, Channel 18900-DOWN

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16996.88	-45.09	2.90	16.50	-31.49	-13.00	H
17213.75	-43.85	2.90	14.50	-32.25	-13.00	V
17368.75	-43.65	3.20	14.50	-32.35	-13.00	V
17495.63	-42.15	2.90	14.50	-30.55	-13.00	H
17591.25	-39.78	3.30	12.80	-30.28	-13.00	H
17795.00	-40.64	3.60	12.80	-31.44	-13.00	H

LTE Band 2, 1.4MHz, QPSK, Channel 19193-DOWN

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16983.13	-45.56	2.90	16.50	-31.96	-13.00	V
17185.00	-44.50	2.90	14.50	-32.90	-13.00	H
17269.38	-43.79	3.20	14.50	-32.49	-13.00	H
17462.50	-41.73	2.90	14.50	-30.13	-13.00	H
17625.63	-40.09	3.30	12.80	-30.59	-13.00	H
17823.13	-40.13	3.60	12.80	-30.93	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16941.88	-45.98	2.90	16.50	-32.38	-13.00	H
17141.25	-44.51	2.90	14.50	-32.91	-13.00	V
17296.25	-42.93	3.20	14.50	-31.63	-13.00	V
17504.38	-40.53	2.90	12.80	-30.63	-13.00	H
17604.38	-40.61	3.30	12.80	-31.11	-13.00	H
17808.13	-40.57	3.60	12.80	-31.37	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16950.00	-46.09	2.90	16.50	-32.49	-13.00	V
17161.25	-44.48	2.90	14.50	-32.88	-13.00	V
17361.88	-42.89	3.20	14.50	-31.59	-13.00	H
17518.75	-40.70	2.90	12.80	-30.80	-13.00	H
17593.75	-40.68	3.30	12.80	-31.18	-13.00	H
17827.50	-40.83	3.60	12.80	-31.63	-13.00	V

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16936.88	-42.54	2.90	16.50	-28.94	-13.00	V
17180.63	-42.91	2.90	14.50	-31.31	-13.00	H
17349.38	-42.52	3.20	14.50	-31.22	-13.00	H
17454.38	-40.24	2.90	14.50	-28.64	-13.00	H
17571.88	-39.44	3.30	12.80	-29.94	-13.00	H
17711.88	-39.27	3.30	12.80	-29.77	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16960.63	-45.34	2.90	16.50	-31.74	-13.00	H
17123.13	-44.56	2.90	14.50	-32.96	-13.00	V
17282.50	-43.33	3.20	14.50	-32.03	-13.00	V
17510.63	-39.68	2.90	12.80	-29.78	-13.00	H
17628.13	-39.91	3.30	12.80	-30.41	-13.00	H
17838.13	-40.39	3.60	12.80	-31.19	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16962.50	-45.80	2.90	16.50	-32.20	-13.00	V
17189.38	-43.07	2.90	14.50	-31.47	-13.00	V
17275.63	-42.61	3.20	14.50	-31.31	-13.00	H
17427.50	-42.55	2.90	14.50	-30.95	-13.00	H
17595.63	-40.29	3.30	12.80	-30.79	-13.00	H
17820.00	-39.85	3.60	12.80	-30.65	-13.00	V

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16988.13	-45.79	2.90	16.50	-32.19	-13.00	V
17093.13	-44.11	2.90	14.50	-32.51	-13.00	H
17295.63	-43.16	3.20	14.50	-31.86	-13.00	H
17434.38	-42.32	2.90	14.50	-30.72	-13.00	H
17620.00	-39.67	3.30	12.80	-30.17	-13.00	H
17823.13	-39.80	3.60	12.80	-30.60	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
17003.75	-43.88	2.90	14.50	-32.28	-13.00	H
17213.13	-44.38	2.90	14.50	-32.78	-13.00	V
17311.88	-43.92	3.20	14.50	-32.62	-13.00	V
17524.38	-39.62	2.90	12.80	-29.72	-13.00	H
17607.50	-40.40	3.30	12.80	-30.90	-13.00	H
17790.00	-40.42	3.60	12.80	-31.22	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
17031.88	-44.03	2.90	14.50	-32.43	-13.00	V
17116.88	-44.41	2.90	14.50	-32.81	-13.00	V
17221.25	-43.91	3.20	14.50	-32.61	-13.00	H
17521.88	-39.64	2.90	12.80	-29.74	-13.00	H
17533.13	-40.89	2.90	12.80	-30.99	-13.00	H
17836.25	-40.65	3.60	12.80	-31.45	-13.00	V

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16930.63	-44.28	2.90	16.50	-30.68	-13.00	V
17185.00	-42.34	2.90	14.50	-30.74	-13.00	H
17366.25	-42.37	3.20	14.50	-31.07	-13.00	H
17522.50	-39.21	2.90	12.80	-29.31	-13.00	H
17596.88	-38.08	3.30	12.80	-28.58	-13.00	H
17816.88	-38.97	3.60	12.80	-29.77	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16975.63	-45.54	2.90	16.50	-31.94	-13.00	H
17131.25	-44.14	2.90	14.50	-32.54	-13.00	V
17301.88	-43.40	3.20	14.50	-32.10	-13.00	V
17463.75	-41.75	2.90	14.50	-30.15	-13.00	H
17536.88	-40.00	2.90	12.80	-30.10	-13.00	H
17683.75	-39.88	3.30	12.80	-30.38	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16929.38	-45.79	2.90	16.50	-32.19	-13.00	V
17125.63	-43.51	2.90	14.50	-31.91	-13.00	V
17274.38	-43.20	3.20	14.50	-31.90	-13.00	H
17454.38	-41.64	2.90	14.50	-30.04	-13.00	H
17575.63	-39.86	3.30	12.80	-30.36	-13.00	H
17766.88	-40.45	3.60	12.80	-31.25	-13.00	V

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16980.63	-45.18	2.90	16.50	-31.58	-13.00	V
17138.13	-44.40	2.90	14.50	-32.80	-13.00	H
17263.13	-43.50	3.20	14.50	-32.20	-13.00	H
17503.13	-40.26	2.90	12.80	-30.36	-13.00	H
17590.63	-39.74	3.30	12.80	-30.24	-13.00	H
17836.88	-40.40	3.60	12.80	-31.20	-13.00	H

Note: The maximum value of expanded measurement uncertainty for this test item is U = 2.72dB(30MHz-3GHz)/3.60dB(3GHz-18GHz)/3.58dB(18GHz-40GHz), k = 2

LTE Band 7, 5 MHz, QPSK, Channel 20775-UP

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16989.38	-49.84	2.90	16.50	-36.24	-25.00	H
17182.50	-47.53	2.90	14.50	-35.93	-25.00	H
17367.50	-47.45	3.20	14.50	-36.15	-25.00	H
17477.50	-48.43	2.90	14.50	-36.83	-25.00	H
17563.13	-46.45	3.30	12.80	-36.95	-25.00	H
17830.63	-46.72	3.60	12.80	-37.52	-25.00	H

LTE Band 7, 5 MHz, QPSK, Channel 21100-UP

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16972.50	-49.92	2.90	16.50	-36.32	-25.00	H
17160.63	-48.34	2.90	14.50	-36.74	-25.00	H
17368.75	-47.46	3.20	14.50	-36.16	-25.00	H
17448.13	-48.76	2.90	14.50	-37.16	-25.00	H
17620.63	-46.01	3.30	12.80	-36.51	-25.00	H
17839.38	-45.89	3.60	12.80	-36.69	-25.00	H

LTE Band 7, 5 MHz, QPSK, Channel 21425-UP

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16925.00	-49.74	2.90	16.50	-36.14	-25.00	H
17186.25	-48.42	2.90	14.50	-36.82	-25.00	H
17243.75	-48.07	3.20	14.50	-36.77	-25.00	H
17457.50	-47.81	2.90	14.50	-36.21	-25.00	H
17591.25	-47.19	3.30	12.80	-37.69	-25.00	H
17685.00	-46.17	3.30	12.80	-36.67	-25.00	H

LTE Band 7, 5 MHz, QPSK, Channel 20775-DOWN

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16951.25	-50.09	2.90	16.50	-36.49	-25.00	H
17207.50	-47.99	2.90	14.50	-36.39	-25.00	H
17350.63	-48.02	3.20	14.50	-36.72	-25.00	H
17516.88	-46.49	2.90	12.80	-36.59	-25.00	H
17567.50	-45.73	3.30	12.80	-36.23	-25.00	H
17770.63	-46.01	3.60	12.80	-36.81	-25.00	H

LTE Band 7, 5 MHz, QPSK, Channel 21100-DOWN

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16972.50	-50.15	2.90	16.50	-36.55	-25.00	H
17203.13	-47.46	2.90	14.50	-35.86	-25.00	H
17275.00	-48.00	3.20	14.50	-36.70	-25.00	H
17408.13	-48.37	2.90	14.50	-36.77	-25.00	H
17585.00	-46.05	3.30	12.80	-36.55	-25.00	H
17771.88	-45.89	3.60	12.80	-36.69	-25.00	H

LTE Band 7, 5 MHz, QPSK, Channel 21425-DOWN

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16931.25	-50.29	2.90	16.50	-36.69	-25.00	H
17191.25	-48.28	2.90	14.50	-36.68	-25.00	H
17284.38	-47.87	3.20	14.50	-36.57	-25.00	H
17501.88	-46.26	2.90	12.80	-36.36	-25.00	H
17586.25	-46.32	3.30	12.80	-36.82	-25.00	H
17836.25	-45.41	3.60	12.80	-36.21	-25.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16952.50	-49.58	2.90	16.50	-35.98	-25.00	H
17212.50	-47.70	2.90	14.50	-36.10	-25.00	H
17360.63	-48.41	3.20	14.50	-37.11	-25.00	H
17498.75	-48.27	2.90	14.50	-36.67	-25.00	H
17577.50	-46.06	3.30	12.80	-36.56	-25.00	H
17796.25	-45.26	3.60	12.80	-36.06	-25.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16963.13	-50.40	2.90	16.50	-36.80	-25.00	H
17105.00	-47.73	2.90	14.50	-36.13	-25.00	H
17270.63	-47.58	3.20	14.50	-36.28	-25.00	H
17450.63	-48.01	2.90	14.50	-36.41	-25.00	H
17575.00	-45.57	3.30	12.80	-36.07	-25.00	H
17833.13	-45.17	3.60	12.80	-35.97	-25.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16973.75	-50.83	2.90	16.50	-37.23	-25.00	H
17198.75	-48.41	2.90	14.50	-36.81	-25.00	H
17300.00	-48.49	3.20	14.50	-37.19	-25.00	H
17449.38	-47.77	2.90	14.50	-36.17	-25.00	H
17595.63	-46.40	3.30	12.80	-36.90	-25.00	H
17762.50	-46.09	3.60	12.80	-36.89	-25.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16985.63	-49.55	2.90	16.50	-35.95	-25.00	H
17207.50	-47.94	2.90	14.50	-36.34	-25.00	H
17251.88	-48.06	3.20	14.50	-36.76	-25.00	H
17525.00	-46.01	2.90	12.80	-36.11	-25.00	H
17548.13	-46.44	2.90	12.80	-36.54	-25.00	H
17830.63	-45.76	3.60	12.80	-36.56	-25.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
17001.88	-48.53	2.90	14.50	-36.93	-25.00	H
17161.25	-48.32	2.90	14.50	-36.72	-25.00	H
17360.63	-47.93	3.20	14.50	-36.63	-25.00	H
17454.38	-47.85	2.90	14.50	-36.25	-25.00	H
17625.00	-45.96	3.30	12.80	-36.46	-25.00	H
17825.63	-45.24	3.60	12.80	-36.04	-25.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16966.88	-50.39	2.90	16.50	-36.79	-25.00	H
17134.38	-47.58	2.90	14.50	-35.98	-25.00	H
17366.88	-48.10	3.20	14.50	-36.80	-25.00	H
17463.75	-48.13	2.90	14.50	-36.53	-25.00	H
17569.38	-45.46	3.30	12.80	-35.96	-25.00	H
17770.63	-45.91	3.60	12.80	-36.71	-25.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16979.38	-49.73	2.90	16.50	-36.13	-25.00	H
17105.63	-48.00	2.90	14.50	-36.40	-25.00	H
17241.25	-47.57	3.20	14.50	-36.27	-25.00	H
17466.25	-47.66	2.90	14.50	-36.06	-25.00	H
17528.75	-46.31	2.90	12.80	-36.41	-25.00	H
17708.75	-46.43	3.30	12.80	-36.93	-25.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16953.75	-50.18	2.90	16.50	-36.58	-25.00	H
17206.88	-47.92	2.90	14.50	-36.32	-25.00	H
17285.63	-47.47	3.20	14.50	-36.17	-25.00	H
17500.00	-46.30	2.90	12.80	-36.40	-25.00	H
17602.50	-46.11	3.30	12.80	-36.61	-25.00	H
17767.50	-45.59	3.60	12.80	-36.39	-25.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16992.50	-51.00	2.90	16.50	-37.40	-25.00	H
17100.63	-48.71	2.90	14.50	-37.11	-25.00	H
17360.00	-48.30	3.20	14.50	-37.00	-25.00	H
17414.38	-48.39	2.90	14.50	-36.79	-25.00	H
17618.75	-46.09	3.30	12.80	-36.59	-25.00	H
17826.88	-45.80	3.60	12.80	-36.60	-25.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16931.25	-50.31	2.90	16.50	-36.71	-25.00	H
17158.75	-47.71	2.90	14.50	-36.11	-25.00	H
17355.63	-47.80	3.20	14.50	-36.50	-25.00	H
17523.75	-46.42	2.90	12.80	-36.52	-25.00	H
17591.25	-46.03	3.30	12.80	-36.53	-25.00	H
17836.88	-45.74	3.60	12.80	-36.54	-25.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16938.75	-50.20	2.90	16.50	-36.60	-25.00	H
17125.63	-48.24	2.90	14.50	-36.64	-25.00	H
17327.50	-47.52	3.20	14.50	-36.22	-25.00	H
17409.38	-48.08	2.90	14.50	-36.48	-25.00	H
17550.00	-46.34	2.90	12.80	-36.44	-25.00	H
17835.63	-45.73	3.60	12.80	-36.53	-25.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16951.88	-50.23	2.90	16.50	-36.63	-25.00	H
17118.13	-48.15	2.90	14.50	-36.55	-25.00	H
17354.38	-47.38	3.20	14.50	-36.08	-25.00	H
17524.38	-46.59	2.90	12.80	-36.69	-25.00	H
17580.63	-46.11	3.30	12.80	-36.61	-25.00	H
17839.38	-45.16	3.60	12.80	-35.96	-25.00	H

Note: The maximum value of expanded measurement uncertainty for this test item is U = 2.72dB(30MHz-3GHz)/3.60dB(3GHz-18GHz)/3.58dB(18GHz-40GHz), k = 2

LTE Band 12, 1.4MHz, QPSK, Channel 23017-UP

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8478.38	-52.11	1.80	11.30	-44.76	-13.00	H
9098.88	-51.82	2.20	11.60	-44.57	-13.00	H
9221.13	-50.69	2.10	11.60	-43.34	-13.00	H
9472.75	-50.76	2.10	11.60	-43.41	-13.00	V
9724.00	-50.56	2.20	11.20	-43.71	-13.00	H
9785.25	-51.76	2.30	11.20	-45.01	-13.00	H

LTE Band 12, 1.4MHz, QPSK, Channel 23095-UP

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8412.38	-52.34	1.80	11.30	-44.99	-13.00	H
9090.13	-51.49	2.20	11.60	-44.24	-13.00	H
9309.75	-50.60	2.00	11.60	-43.15	-13.00	H
9475.75	-50.88	2.10	11.60	-43.53	-13.00	V
9743.63	-51.13	2.20	11.20	-44.28	-13.00	H
9790.13	-51.14	2.30	11.20	-44.39	-13.00	H

LTE Band 12, 1.4MHz, QPSK, Channel 23173-UP

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8419.88	-52.49	1.80	11.30	-45.14	-13.00	H
9101.13	-51.78	2.20	11.60	-44.53	-13.00	H
9303.25	-50.99	2.00	11.60	-43.54	-13.00	H
9415.88	-50.59	2.10	11.60	-43.24	-13.00	H
9745.88	-51.32	2.20	11.20	-44.47	-13.00	H
9892.25	-51.34	2.20	11.20	-44.49	-13.00	H

LTE Band 12, 1.4MHz, QPSK, Channel 23017-DOWN

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
7751.25	-51.84	1.80	11.30	-44.49	-13.00	V
9093.75	-50.93	2.20	11.60	-43.68	-13.00	H
9300.75	-50.45	2.00	11.60	-43.00	-13.00	H
9470.88	-51.13	2.10	11.60	-43.78	-13.00	V
9749.13	-51.00	2.20	11.20	-44.15	-13.00	H
9801.13	-51.10	2.30	11.20	-44.35	-13.00	H

LTE Band 12, 1.4MHz, QPSK, Channel 23095-DOWN

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8473.13	-51.52	1.80	11.30	-44.17	-13.00	V
8978.25	-51.88	2.00	12.00	-44.03	-13.00	H
9306.63	-50.20	2.00	11.60	-42.75	-13.00	H
9470.50	-50.29	2.10	11.60	-42.94	-13.00	V
9736.50	-50.85	2.20	11.20	-44.00	-13.00	H
9808.38	-51.33	2.30	11.20	-44.58	-13.00	H

LTE Band 12, 1.4MHz, QPSK, Channel 23173-DOWN

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8454.38	-51.99	1.80	11.30	-44.64	-13.00	H
9099.13	-50.48	2.20	11.60	-43.23	-13.00	H
9223.63	-50.91	2.10	11.60	-43.56	-13.00	H
9474.88	-50.81	2.10	11.60	-43.46	-13.00	V
9730.13	-51.14	2.20	11.20	-44.29	-13.00	H
9802.25	-51.05	2.30	11.20	-44.30	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8521.88	-52.09	2.10	12.00	-44.34	-13.00	H
9101.25	-52.03	2.20	11.60	-44.78	-13.00	H
9227.25	-51.08	2.10	11.60	-43.73	-13.00	H
9473.75	-50.99	2.10	11.60	-43.64	-13.00	V
9738.13	-51.40	2.20	11.20	-44.55	-13.00	H
9795.50	-51.25	2.30	11.20	-44.50	-13.00	H

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

Frequency(MHz)	PMea(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8419.50	-52.21	1.80	11.30	-44.86	-13.00	H
9106.88	-52.29	2.10	11.60	-44.94	-13.00	H
9294.50	-50.80	2.00	11.60	-43.35	-13.00	H
9473.25	-50.01	2.10	11.60	-42.66	-13.00	V
9741.13	-50.86	2.20	11.20	-44.01	-13.00	H
9800.88	-50.97	2.30	11.20	-44.22	-13.00	H

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

Frequency(MHz)	PMea(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8522.63	-52.49	2.10	12.00	-44.74	-13.00	H
9103.25	-51.52	2.20	11.60	-44.27	-13.00	H
9299.88	-49.83	2.00	11.60	-42.38	-13.00	H
9428.13	-51.08	2.10	11.60	-43.73	-13.00	H
9733.63	-51.33	2.20	11.20	-44.48	-13.00	H
9799.13	-51.05	2.30	11.20	-44.30	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
7211.63	-52.26	1.80	12.00	-44.21	-13.00	H
9103.88	-51.69	2.20	11.60	-44.44	-13.00	H
9298.00	-49.81	2.00	11.60	-42.36	-13.00	H
9474.63	-51.25	2.10	11.60	-43.90	-13.00	V
9728.38	-50.26	2.20	11.20	-43.41	-13.00	H
9772.63	-50.56	2.30	11.20	-43.81	-13.00	H

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

Frequency(MHz)	PMea(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8460.75	-51.71	1.80	11.30	-44.36	-13.00	H
8734.50	-52.32	2.00	12.00	-44.47	-13.00	H
9102.13	-51.75	2.20	11.60	-44.50	-13.00	H
9301.88	-50.45	2.00	11.60	-43.00	-13.00	H
9424.00	-51.00	2.10	11.60	-43.65	-13.00	H
9745.13	-50.22	2.20	11.20	-43.37	-13.00	H

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

Frequency(MHz)	PMea(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
7339.88	-53.45	1.70	12.00	-45.30	-13.00	H
8430.75	-51.46	1.80	11.30	-44.11	-13.00	H
9091.88	-51.15	2.20	11.60	-43.90	-13.00	H
9298.75	-50.59	2.00	11.60	-43.14	-13.00	H
9479.63	-51.05	2.10	11.60	-43.70	-13.00	V
9739.13	-51.04	2.20	11.20	-44.19	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8474.63	-52.55	1.80	11.30	-45.20	-13.00	H
9096.25	-52.14	2.20	11.60	-44.89	-13.00	H
9300.75	-51.00	2.00	11.60	-43.55	-13.00	H
9473.00	-49.82	2.10	11.60	-42.47	-13.00	V
9731.63	-50.53	2.20	11.20	-43.68	-13.00	H
9781.63	-51.08	2.30	11.20	-44.33	-13.00	H

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

Frequency(MHz)	PMea(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
7328.63	-53.25	1.70	12.00	-45.10	-13.00	H
9099.88	-51.47	2.20	11.60	-44.22	-13.00	H
9224.13	-50.77	2.10	11.60	-43.42	-13.00	H
9473.13	-51.28	2.10	11.60	-43.93	-13.00	V
9722.13	-51.30	2.20	11.20	-44.45	-13.00	H
9801.50	-50.18	2.30	11.20	-43.43	-13.00	H

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

Frequency(MHz)	PMea(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
7063.13	-53.18	1.80	12.00	-45.13	-13.00	V
7257.75	-53.03	1.90	12.00	-45.08	-13.00	H
9107.88	-52.00	2.10	11.60	-44.65	-13.00	H
9224.88	-51.10	2.10	11.60	-43.75	-13.00	H
9472.63	-50.54	2.10	11.60	-43.19	-13.00	V
9739.63	-50.50	2.20	11.20	-43.65	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8741.63	-52.97	2.00	12.00	-45.12	-13.00	H
9100.63	-51.75	2.20	11.60	-44.50	-13.00	H
9299.75	-50.10	2.00	11.60	-42.65	-13.00	H
9472.38	-50.19	2.10	11.60	-42.84	-13.00	V
9722.88	-50.89	2.20	11.20	-44.04	-13.00	H
9783.50	-51.02	2.30	11.20	-44.27	-13.00	H

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

Frequency(MHz)	PMea(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
7209.75	-52.67	1.80	12.00	-44.62	-13.00	V
8475.75	-51.75	1.80	11.30	-44.40	-13.00	H
9109.00	-51.78	2.10	11.60	-44.43	-13.00	H
9299.50	-50.61	2.00	11.60	-43.16	-13.00	H
9474.75	-50.50	2.10	11.60	-43.15	-13.00	V
9736.75	-51.03	2.20	11.20	-44.18	-13.00	H

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

Frequency(MHz)	PMea(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8460.75	-51.65	1.80	11.30	-44.30	-13.00	H
9098.63	-51.77	2.20	11.60	-44.52	-13.00	H
9298.00	-50.28	2.00	11.60	-42.83	-13.00	H
9473.13	-51.69	2.10	11.60	-44.34	-13.00	V
9723.63	-50.85	2.20	11.20	-44.00	-13.00	H
9787.63	-50.94	2.30	11.20	-44.19	-13.00	H

Note: The maximum value of expanded measurement uncertainty for this test item is U = 2.72dB(30MHz-3GHz)/3.60dB(3GHz-18GHz)/3.58dB(18GHz-40GHz), k = 2

LTE Band 13, 5 MHz, QPSK, Channel 23205-UP

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
1566.00	-59.62	0.70	8.10	-54.37	-40.00	H
8739.00	-52.47	2.00	12.00	-44.62	-13.00	V
9104.00	-51.66	2.20	11.60	-44.41	-13.00	H
9301.38	-49.78	2.00	11.60	-42.33	-13.00	H
9469.13	-51.03	2.10	11.60	-43.68	-13.00	V
9734.25	-51.05	2.20	11.20	-44.20	-13.00	H

LTE Band 13, 5 MHz, QPSK, Channel 23230-UP

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
1561.50	-59.60	0.70	8.10	-54.35	-40.00	H
8733.00	-52.52	2.00	12.00	-44.67	-13.00	V
9101.75	-51.46	2.20	11.60	-44.21	-13.00	H
9301.00	-49.76	2.00	11.60	-42.31	-13.00	H
9474.88	-50.49	2.10	11.60	-43.14	-13.00	V
9750.75	-50.54	2.20	11.20	-43.69	-13.00	H

LTE Band 13, 5 MHz, QPSK, Channel 23255-UP

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
1566.50	-59.37	0.70	8.10	-54.12	-40.00	H
9103.00	-51.80	2.20	11.60	-44.55	-13.00	H
9223.50	-49.83	2.10	11.60	-42.48	-13.00	H
9470.00	-50.81	2.10	11.60	-43.46	-13.00	V
9725.63	-50.57	2.20	11.20	-43.72	-13.00	H
9773.50	-50.90	2.30	11.20	-44.15	-13.00	H

LTE Band 13, 5 MHz, QPSK, Channel 23205-DOWN

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
1575.00	-59.62	0.70	8.10	-54.37	-40.00	V
9104.88	-51.78	2.20	11.60	-44.53	-13.00	H
9222.50	-49.95	2.10	11.60	-42.60	-13.00	H
9425.75	-51.03	2.10	11.60	-43.68	-13.00	H
9749.63	-50.26	2.20	11.20	-43.41	-13.00	H
9783.13	-51.31	2.30	11.20	-44.56	-13.00	H

LTE Band 13, 5 MHz, QPSK, Channel 23230-DOWN

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
1563.50	-58.76	0.70	8.10	-53.51	-40.00	V
8377.88	-51.55	1.80	11.30	-44.20	-13.00	H
9226.75	-50.35	2.10	11.60	-43.00	-13.00	H
9466.00	-50.49	2.10	11.60	-43.14	-13.00	V
9729.88	-51.30	2.20	11.20	-44.45	-13.00	H
9802.50	-50.43	2.30	11.20	-43.68	-13.00	H

LTE Band 13, 5 MHz, QPSK, Channel 23255-DOWN

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
1586.50	-60.97	0.70	8.10	-55.72	-40.00	V
8714.25	-52.32	2.00	12.00	-44.47	-13.00	V
9100.25	-51.29	2.20	11.60	-44.04	-13.00	H
9297.38	-50.68	2.00	11.60	-43.23	-13.00	H
9472.88	-50.84	2.10	11.60	-43.49	-13.00	V
9764.88	-50.77	2.30	11.20	-44.02	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
1564.50	-59.79	0.70	8.10	-54.54	-40.00	V
8685.38	-52.79	2.00	12.00	-44.94	-13.00	H
9100.75	-51.76	2.20	11.60	-44.51	-13.00	H
9226.50	-50.54	2.10	11.60	-43.19	-13.00	H
9473.63	-51.47	2.10	11.60	-44.12	-13.00	V
9729.25	-51.05	2.20	11.20	-44.20	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
1564.50	-59.89	0.70	8.10	-54.64	-40.00	H
8523.75	-52.71	2.10	12.00	-44.96	-13.00	H
9105.75	-51.59	2.20	11.60	-44.34	-13.00	H
9226.38	-50.54	2.10	11.60	-43.19	-13.00	H
9475.75	-51.20	2.10	11.60	-43.85	-13.00	V
9733.50	-50.55	2.20	11.20	-43.70	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
1565.50	-58.63	0.70	8.10	-53.38	-40.00	H
9100.25	-50.78	2.20	11.60	-43.53	-13.00	H
9226.50	-50.80	2.10	11.60	-43.45	-13.00	H
9427.38	-51.64	2.10	11.60	-44.29	-13.00	H
9737.63	-50.75	2.20	11.20	-43.90	-13.00	H
9799.88	-50.48	2.30	11.20	-43.73	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
1563.00	-59.33	0.70	8.10	-54.08	-40.00	V
9101.50	-50.99	2.20	11.60	-43.74	-13.00	H
9225.63	-50.49	2.10	11.60	-43.14	-13.00	H
9476.38	-50.86	2.10	11.60	-43.51	-13.00	V
9731.38	-50.69	2.20	11.20	-43.84	-13.00	H
9778.13	-51.37	2.30	11.20	-44.62	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
1565.00	-59.60	0.70	8.10	-54.35	-40.00	V
2815.00	-52.11	1.00	10.70	-44.56	-13.00	H
9298.75	-51.15	2.00	11.60	-43.70	-13.00	H
9475.13	-49.82	2.10	11.60	-42.47	-13.00	V
9748.00	-50.44	2.20	11.20	-43.59	-13.00	H
9781.63	-50.82	2.30	11.20	-44.07	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
1565.00	-59.47	0.70	8.10	-54.22	-40.00	V
9099.00	-51.67	2.20	11.60	-44.42	-13.00	H
9223.88	-49.82	2.10	11.60	-42.47	-13.00	H
9478.00	-51.14	2.10	11.60	-43.79	-13.00	V
9747.75	-50.77	2.20	11.20	-43.92	-13.00	H
9786.50	-51.21	2.30	11.20	-44.46	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
1567.50	-59.41	0.70	8.10	-54.16	-40.00	V
9095.00	-51.95	2.20	11.60	-44.70	-13.00	H
9297.00	-49.66	2.00	11.60	-42.21	-13.00	H
9475.25	-51.18	2.10	11.60	-43.83	-13.00	V
9738.88	-50.87	2.20	11.20	-44.02	-13.00	H
9805.13	-51.11	2.30	11.20	-44.36	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
1576.80	-59.81	0.70	8.10	-54.56	-40.00	V
8417.25	-52.39	1.80	11.30	-45.04	-13.00	H
9098.25	-51.20	2.20	11.60	-43.95	-13.00	H
9299.63	-50.68	2.00	11.60	-43.23	-13.00	H
9476.63	-50.96	2.10	11.60	-43.61	-13.00	V
9731.13	-50.38	2.20	11.20	-43.53	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
1567.30	-59.45	0.70	8.10	-54.20	-40.00	H
9093.25	-52.00	2.20	11.60	-44.75	-13.00	H
9302.25	-50.66	2.00	11.60	-43.21	-13.00	H
9435.88	-50.44	2.10	11.60	-43.09	-13.00	H
9739.88	-51.42	2.20	11.20	-44.57	-13.00	H
9989.63	-51.38	2.20	11.20	-44.53	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
1568.00	-59.41	0.70	8.10	-54.16	-40.00	V
9093.13	-51.34	2.20	11.60	-44.09	-13.00	H
9307.50	-50.60	2.00	11.60	-43.15	-13.00	H
9469.25	-50.80	2.10	11.60	-43.45	-13.00	V
9725.50	-50.73	2.20	11.20	-43.88	-13.00	H
9788.50	-51.53	2.30	11.20	-44.78	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
1565.00	-59.29	0.70	8.10	-54.04	-40.00	V
9097.13	-51.70	2.20	11.60	-44.45	-13.00	H
9307.25	-50.14	2.00	11.60	-42.69	-13.00	H
9460.75	-50.70	2.10	11.60	-43.35	-13.00	V
9725.00	-51.21	2.20	11.20	-44.36	-13.00	H
9777.13	-50.34	2.30	11.20	-43.59	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
1564.50	-59.28	0.70	8.10	-54.03	-40.00	V
1608.00	-61.18	0.70	8.10	-55.93	-13.00	H
9099.88	-51.01	2.20	11.60	-43.76	-13.00	H
9300.50	-50.74	2.00	11.60	-43.29	-13.00	H
9477.00	-50.67	2.10	11.60	-43.32	-13.00	V
9739.00	-50.76	2.20	11.20	-43.91	-13.00	H

Note: The maximum value of expanded measurement uncertainty for this test item is U = 2.72dB(30MHz-3GHz)/3.60dB(3GHz-18GHz)/3.58dB(18GHz-40GHz), k = 2

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit （dBm）	Polarization
8567.63	-52.23	2.10	12.00	-44.48	-13.00	H
9104.38	-51.67	2.20	11.60	-44.42	-13.00	H
9223.13	-50.60	2.10	11.60	-43.25	-13.00	H
9417.25	-51.46	2.10	11.60	-44.11	-13.00	H
9730.88	-51.51	2.20	11.20	-44.66	-13.00	H
9796.25	-50.87	2.30	11.20	-44.12	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit （dBm）	Polarization
8388.75	-52.50	1.80	11.30	-45.15	-13.00	H
8785.50	-53.14	1.90	12.00	-45.19	-13.00	V
9099.13	-51.10	2.20	11.60	-43.85	-13.00	H
9300.50	-50.82	2.00	11.60	-43.37	-13.00	H
9475.00	-50.86	2.10	11.60	-43.51	-13.00	V
9721.63	-50.90	2.20	11.20	-44.05	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit （dBm）	Polarization
8704.13	-52.12	2.00	12.00	-44.27	-13.00	H
9106.75	-51.41	2.10	11.60	-44.06	-13.00	H
9299.63	-50.95	2.00	11.60	-43.50	-13.00	H
9425.38	-51.20	2.10	11.60	-43.85	-13.00	H
9729.50	-51.01	2.20	11.20	-44.16	-13.00	H
9802.13	-50.31	2.30	11.20	-43.56	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit （dBm）	Polarization
8423.63	-52.21	1.80	11.30	-44.86	-13.00	V
9096.75	-51.48	2.20	11.60	-44.23	-13.00	H
9303.50	-50.89	2.00	11.60	-43.44	-13.00	H
9473.88	-50.57	2.10	11.60	-43.22	-13.00	V
9726.75	-50.78	2.20	11.20	-43.93	-13.00	H
9808.88	-50.69	2.30	11.20	-43.94	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit （dBm）	Polarization
7246.50	-52.45	1.90	12.00	-44.50	-13.00	V
8433.38	-51.71	1.80	11.30	-44.36	-13.00	H
9303.75	-50.82	2.00	11.60	-43.37	-13.00	H
9473.13	-51.09	2.10	11.60	-43.74	-13.00	V
9732.38	-50.92	2.20	11.20	-44.07	-13.00	H
9796.38	-51.14	2.30	11.20	-44.39	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit （dBm）	Polarization
7375.13	-52.35	1.70	12.00	-44.20	-13.00	H
9101.38	-51.26	2.20	11.60	-44.01	-13.00	H
9301.63	-50.14	2.00	11.60	-42.69	-13.00	H
9472.63	-50.48	2.10	11.60	-43.13	-13.00	V
9749.25	-51.25	2.20	11.20	-44.40	-13.00	H
9803.38	-51.16	2.30	11.20	-44.41	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit （dBm）	Polarization
7217.25	-53.39	1.80	12.00	-45.34	-13.00	H
8956.50	-52.30	2.00	12.00	-44.45	-13.00	V
9296.13	-50.51	2.00	11.60	-43.06	-13.00	H
9477.50	-50.88	2.10	11.60	-43.53	-13.00	V
9721.25	-51.34	2.20	11.20	-44.49	-13.00	H
9793.00	-50.67	2.30	11.20	-43.92	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit （dBm）	Polarization
8848.88	-52.88	1.90	12.00	-44.93	-13.00	V
9101.13	-51.70	2.20	11.60	-44.45	-13.00	H
9296.13	-50.96	2.00	11.60	-43.51	-13.00	H
9473.63	-51.01	2.10	11.60	-43.66	-13.00	V
9741.50	-50.82	2.20	11.20	-43.97	-13.00	H
9803.38	-51.12	2.30	11.20	-44.37	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit （dBm）	Polarization
8457.38	-51.92	1.80	11.30	-44.57	-13.00	H
8854.88	-51.94	1.90	12.00	-43.99	-13.00	H
9102.13	-52.12	2.20	11.60	-44.87	-13.00	H
9223.38	-50.32	2.10	11.60	-42.97	-13.00	H
9478.25	-51.43	2.10	11.60	-44.08	-13.00	V
9748.75	-51.64	2.20	11.20	-44.79	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit （dBm）	Polarization
8441.25	-51.96	1.80	11.30	-44.61	-13.00	H
9104.00	-51.44	2.20	11.60	-44.19	-13.00	H
9305.88	-49.92	2.00	11.60	-42.47	-13.00	H
9472.63	-51.00	2.10	11.60	-43.65	-13.00	V
9721.63	-50.85	2.20	11.20	-44.00	-13.00	H
9790.63	-51.19	2.30	11.20	-44.44	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit （dBm）	Polarization
8467.88	-52.55	1.80	11.30	-45.20	-13.00	H
9104.13	-51.86	2.20	11.60	-44.61	-13.00	H
9229.88	-50.23	2.10	11.60	-42.88	-13.00	H
9476.38	-50.52	2.10	11.60	-43.17	-13.00	V
9738.63	-50.54	2.20	11.20	-43.69	-13.00	H
9789.38	-51.36	2.30	11.20	-44.61	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit （dBm）	Polarization
8710.50	-52.16	2.00	12.00	-44.31	-13.00	H
9096.38	-50.29	2.20	11.60	-43.04	-13.00	H
9307.25	-51.00	2.00	11.60	-43.55	-13.00	H
9424.63	-51.14	2.10	11.60	-43.79	-13.00	H
9723.13	-50.82	2.20	11.20	-43.97	-13.00	H
9810.13	-50.95	2.30	11.20	-44.20	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit （dBm）	Polarization
7222.13	-52.80	1.80	12.00	-44.75	-13.00	V
9089.75	-52.15	2.20	11.60	-44.90	-13.00	H
9298.75	-50.85	2.00	11.60	-43.40	-13.00	H
9471.88	-50.59	2.10	11.60	-43.24	-13.00	V
9743.50	-51.19	2.20	11.20	-44.34	-13.00	H
9801.50	-50.81	2.30	11.20	-44.06	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit （dBm）	Polarization
7207.13	-52.37	1.80	12.00	-44.32	-13.00	V
8482.88	-52.37	1.80	11.30	-45.02	-13.00	H
9104.75	-52.24	2.20	11.60	-44.99	-13.00	H
9300.88	-50.75	2.00	11.60	-43.30	-13.00	H
9473.13	-51.15	2.10	11.60	-43.80	-13.00	V
9735.00	-51.48	2.20	11.20	-44.63	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit （dBm）	Polarization
8419.13	-51.80	1.80	11.30	-44.45	-13.00	H
8746.50	-53.18	2.00	12.00	-45.33	-13.00	H
9102.38	-51.75	2.20	11.60	-44.50	-13.00	H
9222.88	-50.18	2.10	11.60	-42.83	-13.00	H
9471.38	-51.27	2.10	11.60	-43.92	-13.00	V
9740.75	-51.41	2.20	11.20	-44.56	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit （dBm）	Polarization
8476.88	-51.26	1.80	11.30	-43.91	-13.00	H
9102.00	-51.62	2.20	11.60	-44.37	-13.00	H
9303.13	-50.13	2.00	11.60	-42.68	-13.00	H
9473.00	-50.77	2.10	11.60	-43.42	-13.00	V
9733.88	-50.90	2.20	11.20	-44.05	-13.00	H
9807.25	-50.54	2.30	11.20	-43.79	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit （dBm）	Polarization
7305.75	-52.53	1.90	12.00	-44.58	-13.00	H
9109.00	-51.56	2.10	11.60	-44.21	-13.00	H
9299.00	-50.54	2.00	11.60	-43.09	-13.00	H
9474.13	-50.91	2.10	11.60	-43.56	-13.00	V
9746.00	-50.58	2.20	11.20	-43.73	-13.00	H
9790.75	-50.71	2.30	11.20	-43.96	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit （dBm）	Polarization
8410.50	-51.88	1.80	11.30	-44.53	-13.00	H
9104.13	-51.47	2.20	11.60	-44.22	-13.00	H
9224.38	-49.61	2.10	11.60	-42.26	-13.00	H
9472.88	-50.25	2.10	11.60	-42.90	-13.00	V
9739.13	-50.99	2.20	11.20	-44.14	-13.00	H
9805.13	-51.14	2.30	11.20	-44.39	-13.00	H

Note: The maximum value of expanded measurement uncertainty for this test item is U = 4.92dB(30MHz-3GHz)/4.88dB(3GHz-18GHz)/5.66dB(18GHz-40GHz), k = 2

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
7904.63	-52.22	1.70	11.30	-44.77	-13.00	H
9105.63	-52.21	2.20	11.60	-44.96	-13.00	H
9224.00	-50.66	2.10	11.60	-43.31	-13.00	H
9479.00	-51.02	2.10	11.60	-43.67	-13.00	V
9739.63	-51.28	2.20	11.20	-44.43	-13.00	H
9794.63	-51.15	2.30	11.20	-44.40	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
7327.13	-53.13	1.70	12.00	-44.98	-13.00	H
9099.38	-52.11	2.20	11.60	-44.86	-13.00	H
9304.38	-50.82	2.00	11.60	-43.37	-13.00	H
9475.75	-50.59	2.10	11.60	-43.24	-13.00	V
9734.50	-51.67	2.20	11.20	-44.82	-13.00	H
9793.63	-51.29	2.30	11.20	-44.54	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
7750.50	-52.96	1.80	11.30	-45.61	-13.00	V
8428.50	-51.82	1.80	11.30	-44.47	-13.00	H
9101.63	-52.14	2.20	11.60	-44.89	-13.00	H
9221.25	-50.90	2.10	11.60	-43.55	-13.00	H
9476.00	-51.12	2.10	11.60	-43.77	-13.00	V
9743.25	-51.11	2.20	11.20	-44.26	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8474.63	-52.23	1.80	11.30	-44.88	-13.00	V
9100.00	-50.39	2.20	11.60	-43.14	-13.00	H
9302.50	-50.95	2.00	11.60	-43.50	-13.00	H
9479.75	-50.78	2.10	11.60	-43.43	-13.00	V
9738.13	-50.55	2.20	11.20	-43.70	-13.00	H
9799.75	-51.00	2.30	11.20	-44.25	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8845.13	-52.64	1.90	12.00	-44.69	-13.00	H
9093.88	-50.87	2.20	11.60	-43.62	-13.00	H
9301.25	-51.08	2.00	11.60	-43.63	-13.00	H
9475.38	-50.95	2.10	11.60	-43.60	-13.00	V
9720.88	-51.02	2.20	11.20	-44.17	-13.00	H
9810.88	-51.32	2.30	11.20	-44.57	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8429.25	-51.85	1.80	11.30	-44.50	-13.00	H
9096.00	-51.51	2.20	11.60	-44.26	-13.00	H
9297.25	-50.91	2.00	11.60	-43.46	-13.00	H
9475.00	-51.05	2.10	11.60	-43.70	-13.00	V
9753.25	-51.49	2.20	11.20	-44.64	-13.00	H
9798.50	-51.42	2.30	11.20	-44.67	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8475.00	-51.95	1.80	11.30	-44.60	-13.00	H
9114.88	-51.93	2.10	11.60	-44.58	-13.00	H
9299.63	-50.44	2.00	11.60	-42.99	-13.00	H
9474.75	-51.36	2.10	11.60	-44.01	-13.00	V
9750.00	-51.52	2.20	11.20	-44.67	-13.00	H
9785.13	-51.18	2.30	11.20	-44.43	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8417.63	-52.00	1.80	11.30	-44.65	-13.00	H
9102.38	-51.97	2.20	11.60	-44.72	-13.00	H
9299.75	-50.76	2.00	11.60	-43.31	-13.00	H
9474.63	-50.82	2.10	11.60	-43.47	-13.00	V
9764.25	-50.97	2.30	11.20	-44.22	-13.00	H
9807.13	-50.06	2.30	11.20	-43.31	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8431.50	-52.42	1.80	11.30	-45.07	-13.00	H
9098.63	-52.26	2.20	11.60	-45.01	-13.00	H
9302.75	-50.17	2.00	11.60	-42.72	-13.00	H
9422.38	-51.02	2.10	11.60	-43.67	-13.00	H
9712.88	-51.22	2.20	11.20	-44.37	-13.00	H
9792.25	-50.18	2.30	11.20	-43.43	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8685.00	-52.69	2.00	12.00	-44.84	-13.00	H
9099.38	-52.03	2.20	11.60	-44.78	-13.00	H
9300.00	-50.68	2.00	11.60	-43.23	-13.00	H
9475.88	-50.85	2.10	11.60	-43.50	-13.00	V
9742.38	-50.89	2.20	11.20	-44.04	-13.00	H
9794.75	-51.30	2.30	11.20	-44.55	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
7193.25	-52.78	1.80	12.00	-44.73	-13.00	H
9105.88	-51.43	2.20	11.60	-44.18	-13.00	H
9300.38	-50.09	2.00	11.60	-42.64	-13.00	H
9426.75	-51.09	2.10	11.60	-43.74	-13.00	H
9751.38	-51.01	2.20	11.20	-44.16	-13.00	H
9884.00	-50.85	2.20	11.20	-44.00	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8458.13	-51.05	1.80	11.30	-43.70	-13.00	H
9101.00	-51.59	2.20	11.60	-44.34	-13.00	H
9303.63	-50.97	2.00	11.60	-43.52	-13.00	H
9427.25	-50.63	2.10	11.60	-43.28	-13.00	H
9748.88	-50.75	2.20	11.20	-43.90	-13.00	H
9802.63	-50.62	2.30	11.20	-43.87	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
7322.25	-53.59	1.70	12.00	-45.44	-13.00	H
9098.13	-51.55	2.20	11.60	-44.30	-13.00	H
9221.13	-50.65	2.10	11.60	-43.30	-13.00	H
9479.63	-51.46	2.10	11.60	-44.11	-13.00	V
9724.00	-51.31	2.20	11.20	-44.46	-13.00	H
9796.38	-51.21	2.30	11.20	-44.46	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
7410.75	-53.24	1.90	12.00	-45.29	-13.00	H
8458.88	-52.61	1.80	11.30	-45.26	-13.00	H
9100.75	-51.74	2.20	11.60	-44.49	-13.00	H
9297.88	-50.95	2.00	11.60	-43.50	-13.00	H
9473.25	-50.56	2.10	11.60	-43.21	-13.00	V
9727.88	-51.04	2.20	11.20	-44.19	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8488.13	-51.93	1.80	11.30	-44.58	-13.00	H
9090.88	-51.53	2.20	11.60	-44.28	-13.00	H
9299.63	-50.57	2.00	11.60	-43.12	-13.00	H
9476.38	-50.30	2.10	11.60	-42.95	-13.00	V
9726.75	-50.73	2.20	11.20	-43.88	-13.00	H
9795.75	-51.36	2.30	11.20	-44.61	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8581.88	-52.61	2.00	12.00	-44.76	-13.00	H
9102.00	-51.88	2.20	11.60	-44.63	-13.00	H
9224.13	-49.36	2.10	11.60	-42.01	-13.00	H
9474.75	-50.97	2.10	11.60	-43.62	-13.00	V
9735.00	-50.79	2.20	11.20	-43.94	-13.00	H
9808.25	-51.36	2.30	11.20	-44.61	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8471.25	-51.98	1.80	11.30	-44.63	-13.00	V
8858.63	-52.97	1.90	12.00	-45.02	-13.00	H
9102.63	-51.12	2.20	11.60	-43.87	-13.00	H
9223.00	-49.36	2.10	11.60	-42.01	-13.00	H
9476.13	-50.03	2.10	11.60	-42.68	-13.00	V
9738.63	-50.75	2.20	11.20	-43.90	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8433.75	-52.04	1.80	11.30	-44.69	-13.00	H
9106.13	-51.36	2.20	11.60	-44.11	-13.00	H
9303.75	-50.35	2.00	11.60	-42.90	-13.00	H
9474.50	-50.98	2.10	11.60	-43.63	-13.00	V
9740.63	-50.47	2.20	11.20	-43.62	-13.00	H
9797.63	-51.18	2.30	11.20	-44.43	-13.00	H

Note: The maximum value of expanded measurement uncertainty for this test item is U = 2.72dB(30MHz-3GHz)/3.60dB(3GHz-18GHz)/3.58dB(18GHz-40GHz), k = 2

LTE Band 41, 5MHz, QPSK, Channel 40065-UP

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16989.38	-50.40	2.90	16.50	-36.80	-25.00	H
17209.38	-48.27	2.90	14.50	-36.67	-25.00	H
17301.88	-48.08	3.20	14.50	-36.78	-25.00	H
17511.25	-46.41	2.90	12.80	-36.51	-25.00	H
17540.00	-46.34	2.90	12.80	-36.44	-25.00	H
17837.50	-45.72	3.60	12.80	-36.52	-25.00	H

LTE Band 41, 5MHz, QPSK, Channel 40690-UP

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16990.63	-49.60	2.90	16.50	-36.00	-25.00	H
17198.75	-48.10	2.90	14.50	-36.50	-25.00	H
17280.00	-47.99	3.20	14.50	-36.69	-25.00	H
17508.75	-45.93	2.90	12.80	-36.03	-25.00	H
17635.63	-45.71	3.30	12.80	-36.21	-25.00	H
17830.63	-45.44	3.60	12.80	-36.24	-25.00	H

LTE Band 41, 5MHz, QPSK, Channel 41215-UP

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16958.75	-49.74	2.90	16.50	-36.14	-25.00	H
17190.63	-48.43	2.90	14.50	-36.83	-25.00	H
17303.75	-47.38	3.20	14.50	-36.08	-25.00	H
17498.13	-47.94	2.90	14.50	-36.34	-25.00	H
17614.38	-45.85	3.30	12.80	-36.35	-25.00	H
17840.00	-45.22	3.60	12.80	-36.02	-25.00	H

LTE Band 41, 5MHz, QPSK, Channel 40065-DOWN

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16979.38	-49.88	2.90	16.50	-36.28	-25.00	H
17122.50	-47.71	2.90	14.50	-36.11	-25.00	H
17294.38	-47.76	3.20	14.50	-36.46	-25.00	H
17515.00	-46.07	2.90	12.80	-36.17	-25.00	H
17538.75	-46.63	2.90	12.80	-36.73	-25.00	H
17761.88	-45.76	3.60	12.80	-36.56	-25.00	H

LTE Band 41, 5MHz, QPSK, Channel 40690-DOWN

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
17000.63	-48.18	2.90	14.50	-36.58	-25.00	H
17166.88	-48.51	2.90	14.50	-36.91	-25.00	H
17335.00	-47.43	3.20	14.50	-36.13	-25.00	H
17450.63	-47.75	2.90	14.50	-36.15	-25.00	H
17563.13	-45.92	3.30	12.80	-36.42	-25.00	H
17828.75	-45.36	3.60	12.80	-36.16	-25.00	H

LTE Band 41, 5MHz, QPSK, Channel 41215-DOWN

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16948.13	-50.11	2.90	16.50	-36.51	-25.00	H
17176.88	-48.22	2.90	14.50	-36.62	-25.00	H
17255.00	-47.48	3.20	14.50	-36.18	-25.00	H
17433.75	-47.69	2.90	14.50	-36.09	-25.00	H
17548.75	-46.43	2.90	12.80	-36.53	-25.00	H
17836.25	-46.00	3.60	12.80	-36.80	-25.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
17032.50	-47.86	2.90	14.50	-36.26	-25.00	H
17165.00	-47.78	2.90	14.50	-36.18	-25.00	H
17238.13	-47.75	3.20	14.50	-36.45	-25.00	H
17447.50	-48.16	2.90	14.50	-36.56	-25.00	H
17582.50	-46.01	3.30	12.80	-36.51	-25.00	H
17816.88	-45.33	3.60	12.80	-36.13	-25.00	H

LTE Band 41, 5MHz, 16QAM, Channel 40690-UP

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16980.63	-50.03	2.90	16.50	-36.43	-25.00	H
17141.25	-48.17	2.90	14.50	-36.57	-25.00	H
17293.75	-47.89	3.20	14.50	-36.59	-25.00	H
17449.38	-48.38	2.90	14.50	-36.78	-25.00	H
17611.25	-46.30	3.30	12.80	-36.80	-25.00	H
17824.38	-45.78	3.60	12.80	-36.58	-25.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16980.63	-50.37	2.90	16.50	-36.77	-25.00	H
17185.00	-48.18	2.90	14.50	-36.58	-25.00	H
17340.63	-48.04	3.20	14.50	-36.74	-25.00	H
17456.25	-48.33	2.90	14.50	-36.73	-25.00	H
17628.13	-46.36	3.30	12.80	-36.86	-25.00	H
17766.25	-45.44	3.60	12.80	-36.24	-25.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16951.88	-49.99	2.90	16.50	-36.39	-25.00	H
17187.50	-47.76	2.90	14.50	-36.16	-25.00	H
17364.38	-47.79	3.20	14.50	-36.49	-25.00	H
17449.38	-48.15	2.90	14.50	-36.55	-25.00	H
17624.38	-45.93	3.30	12.80	-36.43	-25.00	H
17839.38	-45.15	3.60	12.80	-35.95	-25.00	H

LTE Band 41, 5MHz, 16QAM, Channel 40690-DOWN

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16994.38	-50.27	2.90	16.50	-36.67	-25.00	H
17123.75	-48.41	2.90	14.50	-36.81	-25.00	H
17366.88	-47.46	3.20	14.50	-36.16	-25.00	H
17520.00	-46.24	2.90	12.80	-36.34	-25.00	H
17621.25	-45.53	3.30	12.80	-36.03	-25.00	H
17840.00	-45.74	3.60	12.80	-36.54	-25.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16973.75	-50.00	2.90	16.50	-36.40	-25.00	H
17205.00	-48.21	2.90	14.50	-36.61	-25.00	H
17261.25	-47.62	3.20	14.50	-36.32	-25.00	H
17428.75	-48.35	2.90	14.50	-36.75	-25.00	H
17602.50	-45.53	3.30	12.80	-36.03	-25.00	H
17836.25	-45.69	3.60	12.80	-36.49	-25.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16935.00	-49.55	2.90	16.50	-35.95	-25.00	H
17164.38	-48.23	2.90	14.50	-36.63	-25.00	H
17285.00	-47.57	3.20	14.50	-36.27	-25.00	H
17448.13	-47.80	2.90	14.50	-36.20	-25.00	H
17556.25	-46.24	2.90	12.80	-36.34	-25.00	H
17823.13	-45.70	3.60	12.80	-36.50	-25.00	H

LTE Band 41, 5MHz, 64QAM, Channel 40690-UP

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16960.00	-50.18	2.90	16.50	-36.58	-25.00	H
17095.00	-47.89	2.90	14.50	-36.29	-25.00	H
17241.25	-47.76	3.20	14.50	-36.46	-25.00	H
17458.75	-48.39	2.90	14.50	-36.79	-25.00	H
17617.50	-46.14	3.30	12.80	-36.64	-25.00	H
17831.88	-45.38	3.60	12.80	-36.18	-25.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16980.63	-49.76	2.90	16.50	-36.16	-25.00	H
17125.63	-47.98	2.90	14.50	-36.38	-25.00	H
17243.13	-47.40	3.20	14.50	-36.10	-25.00	H
17413.13	-47.69	2.90	14.50	-36.09	-25.00	H
17608.13	-45.66	3.30	12.80	-36.16	-25.00	H
17801.25	-45.57	3.60	12.80	-36.37	-25.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16942.50	-49.67	2.90	16.50	-36.07	-25.00	H
17189.38	-48.11	2.90	14.50	-36.51	-25.00	H
17281.88	-47.92	3.20	14.50	-36.62	-25.00	H
17440.63	-48.23	2.90	14.50	-36.63	-25.00	H
17588.75	-45.71	3.30	12.80	-36.21	-25.00	H
17797.50	-45.79	3.60	12.80	-36.59	-25.00	H

LTE Band 41, 5MHz, 64QAM, Channel 40690-DOWN

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16935.00	-49.79	2.90	16.50	-36.19	-25.00	H
17125.00	-47.70	2.90	14.50	-36.10	-25.00	H
17249.38	-48.22	3.20	14.50	-36.92	-25.00	H
17510.63	-47.47	2.90	12.80	-37.57	-25.00	H
17623.13	-46.49	3.30	12.80	-36.99	-25.00	H
17812.50	-45.56	3.60	12.80	-36.36	-25.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16942.50	-49.64	2.90	16.50	-36.04	-25.00	H
17138.13	-48.01	2.90	14.50	-36.41	-25.00	H
17363.75	-47.78	3.20	14.50	-36.48	-25.00	H
17520.63	-46.43	2.90	12.80	-36.53	-25.00	H
17589.38	-46.03	3.30	12.80	-36.53	-25.00	H
17799.38	-45.23	3.60	12.80	-36.03	-25.00	H

Note: The maximum value of expanded measurement uncertainty for this test item is U = 2.72dB(30MHz-3GHz)/3.60dB(3GHz-18GHz)/3.58dB(18GHz-40GHz), k = 2

LTE Band 66, 1.4MHz QPSK, Channel 131979-UP

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16930.00	-45.94	2.90	16.50	-32.34	-13.00	H
17188.13	-44.03	2.90	14.50	-32.43	-13.00	H
17273.13	-43.95	3.20	14.50	-32.65	-13.00	H
17458.13	-42.48	2.90	14.50	-30.88	-13.00	H
17602.50	-40.03	3.30	12.80	-30.53	-13.00	H
17830.63	-40.31	3.60	12.80	-31.11	-13.00	H

LTE Band 66, 1.4MHz, QPSK, Channel 132322-UP

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16883.13	-46.14	2.90	16.50	-32.54	-13.00	H
17128.13	-44.13	2.90	14.50	-32.53	-13.00	H
17272.50	-44.15	3.20	14.50	-32.85	-13.00	H
17440.63	-41.33	2.90	14.50	-29.73	-13.00	H
17615.00	-40.37	3.30	12.80	-30.87	-13.00	H
17820.00	-40.85	3.60	12.80	-31.65	-13.00	H

LTE Band 66, 1.4MHz, QPSK, Channel 132665-UP

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16993.75	-44.98	2.90	16.50	-31.38	-13.00	H
17182.50	-43.97	2.90	14.50	-32.37	-13.00	H
17228.75	-43.31	3.20	14.50	-32.01	-13.00	H
17511.25	-40.76	2.90	12.80	-30.86	-13.00	H
17611.25	-39.66	3.30	12.80	-30.16	-13.00	H
17703.75	-40.37	3.30	12.80	-30.87	-13.00	H

LTE Band 66, 1.4MHz QPSK, Channel 131979-DOWN

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16948.75	-45.68	2.90	16.50	-32.08	-13.00	H
17160.00	-43.91	2.90	14.50	-32.31	-13.00	H
17298.75	-43.04	3.20	14.50	-31.74	-13.00	H
17450.00	-42.66	2.90	14.50	-31.06	-13.00	H
17568.13	-39.94	3.30	12.80	-30.44	-13.00	H
17710.00	-41.04	3.30	12.80	-31.54	-13.00	H

LTE Band 66, 1.4MHz, QPSK, Channel 132322-DOWN

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16964.38	-45.53	2.90	16.50	-31.93	-13.00	H
17212.50	-44.33	2.90	14.50	-32.73	-13.00	H
17366.88	-43.61	3.20	14.50	-32.31	-13.00	H
17513.75	-39.97	2.90	12.80	-30.07	-13.00	H
17588.75	-39.68	3.30	12.80	-30.18	-13.00	H
17761.88	-40.18	3.60	12.80	-30.98	-13.00	H

LTE Band 66, 1.4MHz, QPSK, Channel 132665-DOWN

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16985.63	-45.05	2.90	16.50	-31.45	-13.00	H
17214.38	-44.11	2.90	14.50	-32.51	-13.00	H
17273.13	-43.26	3.20	14.50	-31.96	-13.00	H
17460.00	-41.55	2.90	14.50	-29.95	-13.00	H
17580.63	-39.77	3.30	12.80	-30.27	-13.00	H
17777.50	-40.27	3.60	12.80	-31.07	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16982.50	-45.47	2.90	16.50	-31.87	-13.00	H
17146.25	-43.89	2.90	14.50	-32.29	-13.00	H
17362.50	-43.97	3.20	14.50	-32.67	-13.00	H
17489.38	-42.37	2.90	14.50	-30.77	-13.00	H
17619.38	-39.95	3.30	12.80	-30.45	-13.00	H
17790.63	-40.13	3.60	12.80	-30.93	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16959.38	-46.13	2.90	16.50	-32.53	-13.00	H
17063.75	-44.01	2.90	14.50	-32.41	-13.00	H
17274.38	-42.92	3.20	14.50	-31.62	-13.00	H
17524.38	-40.97	2.90	12.80	-31.07	-13.00	H
17588.13	-39.95	3.30	12.80	-30.45	-13.00	H
17834.38	-40.51	3.60	12.80	-31.31	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
17018.13	-43.19	2.90	14.50	-31.59	-13.00	H
17195.00	-44.09	2.90	14.50	-32.49	-13.00	H
17296.88	-43.49	3.20	14.50	-32.19	-13.00	H
17394.38	-42.15	2.90	14.50	-30.55	-13.00	H
17604.38	-39.82	3.30	12.80	-30.32	-13.00	H
17831.88	-39.80	3.60	12.80	-30.60	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16958.75	-45.51	2.90	16.50	-31.91	-13.00	H
17130.63	-44.05	2.90	14.50	-32.45	-13.00	H
17280.00	-43.40	3.20	14.50	-32.10	-13.00	H
17502.50	-39.94	2.90	12.80	-30.04	-13.00	H
17565.63	-40.37	3.30	12.80	-30.87	-13.00	H
17771.25	-40.38	3.60	12.80	-31.18	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16962.50	-45.50	2.90	16.50	-31.90	-13.00	H
17203.13	-44.03	2.90	14.50	-32.43	-13.00	H
17304.38	-43.61	3.20	14.50	-32.31	-13.00	H
17503.75	-40.38	2.90	12.80	-30.48	-13.00	H
17593.13	-40.12	3.30	12.80	-30.62	-13.00	H
17819.38	-40.43	3.60	12.80	-31.23	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16978.75	-45.89	2.90	16.50	-32.29	-13.00	H
17198.75	-44.35	2.90	14.50	-32.75	-13.00	H
17292.50	-43.60	3.20	14.50	-32.30	-13.00	H
17523.75	-40.88	2.90	12.80	-30.98	-13.00	H
17605.00	-39.95	3.30	12.80	-30.45	-13.00	H
17711.25	-41.05	3.30	12.80	-31.55	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16970.63	-45.14	2.90	16.50	-31.54	-13.00	H
17133.13	-44.65	2.90	14.50	-33.05	-13.00	H
17320.00	-42.79	3.20	14.50	-31.49	-13.00	H
17455.63	-42.09	2.90	14.50	-30.49	-13.00	H
17594.38	-40.41	3.30	12.80	-30.91	-13.00	H
17838.13	-39.23	3.60	12.80	-30.03	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16496.88	-47.58	2.70	17.40	-32.88	-13.00	H
16986.88	-45.35	2.90	16.50	-31.75	-13.00	H
17225.00	-43.45	3.20	14.50	-32.15	-13.00	H
17453.75	-42.41	2.90	14.50	-30.81	-13.00	H
17546.25	-40.47	2.90	12.80	-30.57	-13.00	H
17770.00	-39.68	3.60	12.80	-30.48	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16990.00	-44.91	2.90	16.50	-31.31	-13.00	H
17099.38	-43.90	2.90	14.50	-32.30	-13.00	H
17301.25	-43.73	3.20	14.50	-32.43	-13.00	H
17491.25	-41.92	2.90	14.50	-30.32	-13.00	H
17578.13	-39.71	3.30	12.80	-30.21	-13.00	H
17820.00	-40.36	3.60	12.80	-31.16	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16931.88	-45.22	2.90	16.50	-31.62	-13.00	H
17120.00	-44.26	2.90	14.50	-32.66	-13.00	H
17236.25	-43.69	3.20	14.50	-32.39	-13.00	H
17450.63	-42.15	2.90	14.50	-30.55	-13.00	H
17581.25	-39.83	3.30	12.80	-30.33	-13.00	H
17824.38	-39.45	3.60	12.80	-30.25	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16934.38	-45.91	2.90	16.50	-32.31	-13.00	H
17115.00	-43.85	2.90	14.50	-32.25	-13.00	H
17287.50	-43.43	3.20	14.50	-32.13	-13.00	H
17451.88	-42.26	2.90	14.50	-30.66	-13.00	H
17611.25	-40.14	3.30	12.80	-30.64	-13.00	H
17838.13	-39.96	3.60	12.80	-30.76	-13.00	H

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

Frequency(MHz)	P_{Mea}(dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16990.00	-44.89	2.90	16.50	-31.29	-13.00	H
17158.75	-43.30	2.90	14.50	-31.70	-13.00	H
17301.25	-43.17	3.20	14.50	-31.87	-13.00	H
17433.75	-41.71	2.90	14.50	-30.11	-13.00	H
17614.38	-40.01	3.30	12.80	-30.51	-13.00	H
17838.13	-40.51	3.60	12.80	-31.31	-13.00	H

Note: The maximum value of expanded measurement uncertainty for this test item is U = 2.72dB(30MHz-3GHz)/3.60dB(3GHz-18GHz)/3.58dB(18GHz-40GHz), k = 2

*****END OF REPORT*****