



TEST REPORT

No. I22Z62424-EMC02

for

TCL Communication Ltd.

UMTS/LTE /NR Mobile phone

Model Name: T609J

With

FCC ID: 2ACCJH174

Hardware Version: 03

Software Version: LUS7

Issued Date: 2023-02-02

Note:

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Test Laboratory:

CTTL, Telecommunication Technology Labs, CAICT

No. 52, Huayuan North Road, Haidian District, Beijing, P. R. China 100191.

Tel: +86(0)10-62304633-2512, Fax: +86(0)10-62304633-2504

Email: ctl_terminals@caict.ac.cn, website: www.caict.ac.cn



REPORT HISTORY

Report Number	Revision	Description	Issue Date
I22Z62424-EMC02	Rev.0	1 st edition	2023-01-20
I22Z62424-EMC02	Rev.1	2 nd edition	2023-02-02

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



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1. Test Laboratory

1.1. Introduction & Accreditation

Telecommunication Technology Labs, CAICT is an ISO/IEC 17025:2017 accredited test laboratory under NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM (NVLAP) with lab code 600118-0, and is also an FCC accredited test laboratory (CN5017), and ISED accredited test laboratory (ISED#: 24849). The detail accreditation scope can be found on NVLAP website.

1.2. Testing Location

CTTL(BDA)

Address: No.18A, Kangding Street, Beijing Economic-Technology Development Area,
Beijing, P. R. China 100176

1.3. Testing Environment

Normal Temperature: 15-35°C

Relative Humidity: 20-75%

1.4. Project Data

Testing Start Date: 2022-12-26

Testing End Date: 2023-01-13

1.5. Signature



Wang Xue

(Prepared this test report)



Zhang Ying

(Reviewed this test report)



Zhang Xia

(Approved this test report)



2. Client Information

2.1. Applicant Information

Company Name: TCL Communication Ltd.
Address /Post: 5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong
Contact: nianxiang.jiang
Email: nianxiang.jiang@tcl.com
Telephone: +86 755 36611621
Fax: +86 755 3661 2000-81722

2.2. Manufacturer Information

Company Name: TCL Communication Ltd.
Address /Post: 5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong
Contact: nianxiang.jiang
Email: nianxiang.jiang@tcl.com
Telephone: +86 755 36611621
Fax: +86 755 3661 2000-81722

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

3.1. About EUT

Description	UMTS/LTE /NR Mobile phone
Model Name	T609J
FCC ID	2ACCJH174
Antenna	Embedded
Output power	24.28dBm maximum EIRP measured for LTE Band 25

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

3.2. Internal Identification of EUT used during the test

EUT ID*	SN or IMEI	HW Version	SW Version
EUT1	016388000200031	03	LUS7

*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	Model	Manufacturer
AE1	Adapter	CBA0064BGTC5	PUAN
AE2	USB Cable	CDA0000198C1	JUWEI
AE3	Battery	CAC4850009CA	TMB

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

3.4. General Description

Test combination

EUT set-up No.	Combination of EUT and AE	Remarks
Set.1	EUT1 + AE3	/

※Note: The T609J is a variant model of T609DL (FCC ID: 2ACCJH168), according to the declaration of changes , the following items were performed :

Test Item	Mode or Feature
Output Power(EIRP)	LTE Band 7/12/13/25/26/41/66/71
Emission Limit	LTE Band 7/LTE Band 41

Other results are derived from initial model T609DL.

※NOTE 1: LTE Band 25, Band 66 , Band 12 ,Band 41 and Band 26 overlaps the entire frequency range of Band 2, Band 4, Band 17, Band 38 and Band 5. Therefore, test data provided in this report covers Band 2, Band 4, Band 17, Band 38 and Band 5.

※NOTE 2: LTE Band 41 is tested by power class 2.

4. Reference Documents

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

Reference	Title	Version
FCC Part 22	PUBLIC MOBILE SERVICES	10-1-20 Edition
FCC Part 24	PERSONAL COMMUNICATIONS SERVICES	10-1-20 Edition
FCC Part 27	MISCELLANEOUS WIRELESS COMMUNICATIONS SERVICES	10-1-20 Edition
FCC Part 90	PRIVATE LAND MOBILE RADIO SERVICES	10-1-20 Edition
FCC Part 96	CITIZENS BROADBAND RADIO SERVICE	10-1-21 Edition
ANSI/TIA-603-E	Land Mobile FM or PM Communications Equipment Measurement and Performance Standards	2016
ANSI C63.26	American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services	2015
KDB 971168 D01	MEASUREMENT GUIDANCE FOR CERTIFICATION OF LICENSED DIGITAL TRANSMITTERS	v03r01
KDB 940660 D01	CERTIFICATION AND TEST PROCEDURES FOR CITIZENS BROADBAND RADIO SERVICE DEVICES AUTHORIZED UNDER PART 96	v03

5. Laboratory Environment

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

Temperature	Min. = 15 °C, Max. = 35 °C
Relative humidity	Min. = 15 %, Max. = 75 %
Shielding effectiveness	0.014MHz - 1MHz, >60dB; 1MHz - 1000MHz, >90dB.
Electrical insulation	> 2 M
Ground system resistance	< 4
Site voltage standing-wave ratio (S_{VSWR})	Between 0 and 6 dB, from 1GHz to 18GHz
Uniformity of field strength	Between 0 and 6 dB, from 80 to 4000 MHz

6. Summary Of Test Result

LTE Band 7

Items	Test Name	Clause in FCC rules	Verdict
1	Output Power	27.50	BR
2	Emission Limit	27.53	P

LTE Band 12(17)

Items	Test Name	Clause in FCC rules	Verdict
1	Output Power	27.50	BR
2	Emission Limit	27.53	BR

LTE Band 13

Items	Test Name	Clause in FCC rules	Verdict
1	Output Power	27.50	BR
2	Emission Limit	27.53	BR

LTE Band 25(2)

Items	Test Name	Clause in FCC rules	Verdict
1	Output Power	24.232	BR
2	Emission Limit	24.238	BR

LTE Band 26(814MHz~824MHz)

Items	Test Name	Clause in FCC rules	Verdict
1	Output Power	90.635	BR
2	Emission Limit	90.691	BR

LTE Band 26(824MHz~849MHz) (5)

Items	Test Name	Clause in FCC rules	Verdict
1	Output Power	22.913	BR
2	Emission Limit	22.917	BR

LTE Band 41(38)

Items	Test Name	Clause in FCC rules	Verdict
1	Output Power	27.50	BR
2	Emission Limit	27.53	P

LTE Band 66(4)

Items	Test Name	Clause in FCC rules	Verdict
1	Output Power	27.50	P
2	Emission Limit	27.53	BR

TE Band 71

Items	Test Name	Clause in FCC rules	Verdict
1	Output Power	27.50	BR
2	Emission Limit	27.53	BR

Terms used in Verdict column

P	Pass. The EUT complies with the essential requirements in the standard.
NP	Not Performed. The test was not performed by CTTL.
NA	Not Applicable. The test was not applicable.
BR	Re-use test data from basic model report.
F	Fail. The EUT does not comply with the essential requirements in the standard.

LTE Band 25, Band 66 , Band 12 ,Band 41 and Band 26 overlaps the entire frequency range of Band 2, Band 4, Band 17, Band 38 and Band 5. Therefore, test data provided in this report covers Band 2, Band 4, Band 17, Band 38 and Band 5.

LTE Band 41 is tested by power class 2.

7. Measurement Uncertainty

Emission Limit (k=2)

Frequency Range	Uncertainty(dB)
9kHz-30MHz	/
$30\text{MHz} \leq f \leq 1\text{GHz}$	5.76
$1\text{GHz} \leq f \leq 18\text{GHz}$	4.69
$18\text{GHz} \leq f \leq 40\text{GHz}$	3.78

8. Test Equipments Utilized

Description	Type	Series Number	Manufacture	Cal Due Date	Calibration Interval
Test Receiver	E4440A	MY48250642	Agilent	2023-03-10	1 year
EMI Antenna	VULB9163	9163-235	Schwarzbeck	2023-04-19	1 year
EMI Antenna	LB-7180-NF	J203001300005	A-INFO	2023-02-23	1 year
EMI Antenna	3115	00146404	ETS-Lindgren	2023-02-23	1 year
Signal Generator	N5183A	MY49060052	Agilent	2023-07-19	1 year
Universal Radio Communication Tester	CMW500	159408	R&S	2023-04-01	1 year

Annex A: Measurement Results

A.1 Output Power

A.1.1 Summary

During the process of testing, the EUT was controlled via communication tester to ensure max power transmission and proper modulation.

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

According to declaration change from T609DL(FCC ID: 2ACCJH168) to T609J, a spot check measurement was performed on LTE Band 66, which is considered worst case in this situation.

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."

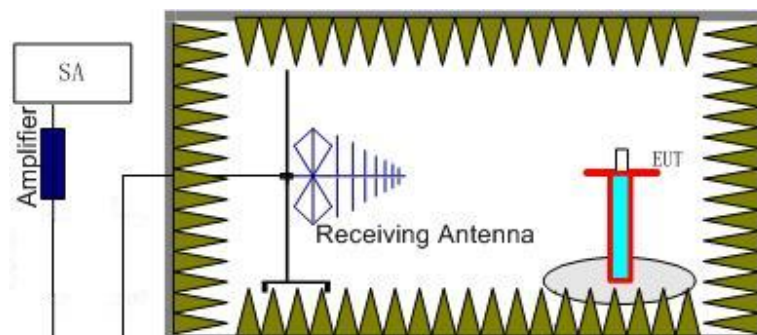
Rule Part 22.913(a) specifies "The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts." Rule Part 27.50(d) specifies "Fixed, mobile, and portable (handheld) stations operating in the 1710–1755 MHz band are limited to 1 watt EIRP".

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

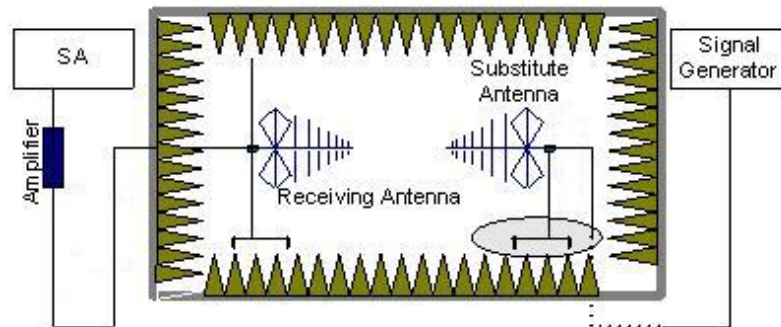
Rule Part 27.50(c) specifies "Portable stations (hand-held de-vices) are limited to 3 watts ERP".

A.1.2.2 Method of Measurement for initial model

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



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



In the chamber, 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 reach 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. A amplifier should be connected to the Signal Source output port. And the cable should be connect between the Amplifier and the Substitution Antenna. The cable loss (P_{cl}), the Substitution Antenna Gain(dBi) (G_a) and the Amplifier Gain (P_{Ag}) should be recorded after test. The measurement results are obtained as described below:

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

A.1.2.3 Method of Measurement for variant model

According to KDB 412172 D01 and ANSI C63.26 the relevant equation for determining the maximum ERP or EIRP from the measured RF output power is given in Equation as follows:

$ERP \text{ or } EIRP = P_T + G_T - L_C$, $ERP = EIRP - 2.15$, where

ERP or EIRP effective radiated power or equivalent isotropically radiated power,
respectively

(expressed in the same units as P_{Mea} , e.g., dBm or dBW)

P_T = transmitter output power in dBm;

G_T = gain of the transmitting antenna, in dBd(ERP) or dBi(EIRP);

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

A.2.2 Measurement result
Measurement results for variant model T609J
LTE Band 7- EIRP

 Limits: ≤ 33 dBm (2W)

Band-width	RB size/offset	Frequency (MHz)	Power(dBm)			EIRP(dBm)(Gt-Lc=-0.61)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5MHz	1 RB high	2567.5	22.55	21.87	20.71	21.94	21.26	20.10
		2535	22.74	21.99	20.87	22.13	21.38	20.26
		2502.5	22.67	21.77	20.73	22.06	21.16	20.12
	1 RB low	2567.5	22.62	21.90	20.62	22.01	21.29	20.01
		2535	22.83	22.01	20.99	22.22	21.40	20.38
		2502.5	22.60	21.78	20.74	21.99	21.17	20.13
	50% RB mid	2567.5	21.95	21.10	20.00	21.34	20.49	19.39
		2535	22.06	21.20	20.17	21.45	20.59	19.56
		2502.5	22.02	21.04	20.06	21.41	20.43	19.45
	100% RB	2567.5	21.91	21.12	19.98	21.30	20.51	19.37
		2535	22.16	21.32	20.28	21.55	20.71	19.67
		2502.5	21.97	21.14	20.08	21.36	20.53	19.47
10MHz	1 RB high	2565	23.00	21.72	20.74	22.39	21.11	20.13
		2535	23.13	21.98	20.81	22.52	21.37	20.20
		2505	22.69	21.95	20.81	22.08	21.34	20.20
	1 RB low	2565	23.05	21.88	20.84	22.44	21.27	20.23
		2535	22.75	21.92	20.91	22.14	21.31	20.30
		2505	22.53	21.69	20.70	21.92	21.08	20.09
	50% RB mid	2565	21.85	21.07	20.09	21.24	20.46	19.48
		2535	22.08	21.27	20.25	21.47	20.66	19.64
		2505	21.98	21.16	20.11	21.37	20.55	19.50
	100% RB	2565	21.97	21.13	20.12	21.36	20.52	19.51
		2535	22.09	21.25	20.24	21.48	20.64	19.63
		2505	22.03	21.15	20.14	21.42	20.54	19.53
15MHz	1 RB high	2562.5	22.79	21.60	20.52	22.18	20.99	19.91
		2535	22.51	21.77	20.68	21.90	21.16	20.07
		2507.5	22.47	21.73	21.13	21.86	21.12	20.52
	1 RB low	2562.5	22.45	21.78	20.71	21.84	21.17	20.10
		2535	22.56	21.76	20.83	21.95	21.15	20.22
		2507.5	22.36	21.64	20.98	21.75	21.03	20.37
	50% RB mid	2562.5	21.88	21.04	20.04	21.27	20.43	19.43
		2535	22.04	21.16	20.12	21.43	20.55	19.51
		2507.5	21.95	21.12	20.01	21.34	20.51	19.40
	100% RB	2562.5	21.97	21.08	20.07	21.36	20.47	19.46
		2535	22.10	21.18	19.99	21.49	20.57	19.38

		2507.5	21.96	21.04	20.02	21.35	20.43	19.41
20MHz	1 RB high	2560	22.41	21.68	20.53	21.80	21.07	19.92
		2535	22.59	21.77	20.73	21.98	21.16	20.12
		2510	22.61	21.86	20.69	22.00	21.25	20.08
	1 RB low	2560	22.82	21.95	20.73	22.21	21.34	20.12
		2535	22.68	21.98	20.75	22.07	21.37	20.14
		2510	22.56	21.81	20.53	21.95	21.20	19.92
	50% RB mid	2560	21.96	21.10	20.12	21.35	20.49	19.51
		2535	22.14	21.22	20.16	21.53	20.61	19.55
		2510	21.99	21.12	20.09	21.38	20.51	19.48
	100% RB	2560	22.05	21.14	20.13	21.44	20.53	19.52
		2535	22.13	21.22	20.16	21.52	20.61	19.55
		2510	21.94	21.03	19.99	21.33	20.42	19.38

LTE Band 12- ERP

 Limits: $\leq 34.77\text{dBm}$ (3W)

Band-width	RB size/offset	Frequency (MHz)	Power(dBm)			EIRP(dBm)(Gt-Lc=-1.24)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4MHz	1 RB high	715.3	23.08	22.14	21.37	19.69	18.75	17.98
		707.5	23.11	22.25	21.38	19.72	18.86	17.99
		699.7	23.09	22.34	21.33	19.70	18.95	17.94
	1 RB low	715.3	23.05	22.19	21.27	19.66	18.80	17.88
		707.5	23.17	22.34	21.38	19.78	18.95	17.99
		699.7	23.11	22.24	21.34	19.72	18.85	17.95
	50% RB mid	715.3	23.59	22.64	21.78	20.20	19.25	18.39
		707.5	23.61	22.67	21.81	20.22	19.28	18.42
		699.7	23.61	22.63	21.77	20.22	19.24	18.38
	100% RB	715.3	22.57	21.76	20.58	19.18	18.37	17.19
		707.5	22.63	21.82	20.67	19.24	18.43	17.28
		699.7	22.58	21.82	20.65	19.19	18.43	17.26
3MHz	1 RB high	714.5	23.05	22.17	21.34	19.66	18.78	17.95
		707.5	23.13	22.33	21.34	19.74	18.94	17.95
		700.5	23.12	22.37	21.37	19.73	18.98	17.98
	1 RB low	714.5	23.18	22.30	21.42	19.79	18.91	18.03
		707.5	23.18	22.29	21.34	19.79	18.90	17.95
		700.5	23.10	22.35	21.34	19.71	18.96	17.95
	50% RB mid	714.5	22.56	21.74	20.66	19.17	18.35	17.27
		707.5	22.63	21.81	20.75	19.24	18.42	17.36
		700.5	22.61	21.82	20.69	19.22	18.43	17.30
	100% RB	714.5	22.56	21.73	20.62	19.17	18.34	17.23
		707.5	22.57	21.78	20.69	19.18	18.39	17.30

		700.5	22.59	21.81	20.75	19.20	18.42	17.36
5MHz	1 RB high	713.5	23.30	22.42	21.45	19.91	19.03	18.06
		707.5	23.29	22.50	21.39	19.90	19.11	18.00
		701.5	23.33	22.52	21.43	19.94	19.13	18.04
	1 RB low	713.5	23.26	22.52	21.46	19.87	19.13	18.07
		707.5	23.33	22.63	21.48	19.94	19.24	18.09
		701.5	23.37	22.59	21.41	19.98	19.20	18.02
	50% RB mid	713.5	22.59	21.71	20.73	19.20	18.32	17.34
		707.5	22.63	21.77	20.74	19.24	18.38	17.35
		701.5	22.64	21.76	20.77	19.25	18.37	17.38
	100% RB	713.5	22.54	21.75	20.64	19.15	18.36	17.25
		707.5	22.64	21.80	20.75	19.25	18.41	17.36
		701.5	22.64	21.84	20.77	19.25	18.45	17.38
10MHz	1 RB high	711	23.23	22.52	21.42	19.84	19.13	18.03
		707.5	23.35	22.53	21.39	19.96	19.14	18.00
		704	23.24	22.53	21.43	19.85	19.14	18.04
	1 RB low	711	23.31	22.48	21.48	19.92	19.09	18.09
		707.5	23.36	22.55	21.48	19.97	19.16	18.09
		704	23.37	22.63	21.47	19.98	19.24	18.08
	50% RB mid	711	22.60	21.78	20.76	19.21	18.39	17.37
		707.5	22.61	21.77	20.74	19.22	18.38	17.35
		704	22.65	21.78	20.74	19.26	18.39	17.35
	100% RB	711	22.57	21.71	20.70	19.18	18.32	17.31
		707.5	22.63	21.80	20.77	19.24	18.41	17.38
		704	22.71	21.82	20.81	19.32	18.43	17.42

LTE Band 13 -ERP

 Limits: ≤ 34.77 dBm (3W)

Band-width	Number of RBs	Frequency (MHz)	Power(dBm)			EIRP(dBm)(Gt-Lc=-1.35)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5MHz	1RB-High	784.5	22.97	22.07	20.98	19.47	18.57	17.48
		782	22.96	22.01	20.97	19.46	18.51	17.47
		779.5	22.99	22.16	21.09	19.49	18.66	17.59
	1RB-Low	784.5	22.91	22.12	21.01	19.41	18.62	17.51
		782	23.02	22.19	21.10	19.52	18.69	17.60
		779.5	22.99	22.18	21.03	19.49	18.68	17.53
	50% RB mid	784.5	22.46	21.46	20.40	18.96	17.96	16.90
		782	22.43	21.43	20.43	18.93	17.93	16.93
		779.5	22.47	21.43	20.44	18.97	17.93	16.94
	100% RB	784.5	22.43	21.46	20.43	18.93	17.96	16.93
		782	22.45	21.47	20.40	18.95	17.97	16.90

		779.5	22.45	21.44	20.40	18.95	17.94	16.90
10MHz	1RB-High	782	22.93	22.13	20.98	19.43	18.63	17.48
	1RB-Low	782	22.92	22.10	21.10	19.42	18.60	17.60
	50% RB mid	782	22.44	21.44	20.43	18.94	17.94	16.93
	100% RB	782	22.56	21.51	20.53	19.06	18.01	17.03

LTE Band 25 -EIRP

 Limits: $\leq 33\text{dBm}$ (2W)

Band-width	RB size/offset	Frequency (MHz)	Power(dBm)			EIRP(dBm)(Gt-Lc=0.27)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4MHz	1RB-High	1914.3	23.82	22.99	21.37	24.09	23.26	21.64
		1882.5	23.89	22.62	21.52	24.16	22.89	21.79
		1850.7	23.76	23.04	21.44	24.03	23.31	21.71
	1RB-Low	1914.3	23.82	23.00	21.96	24.09	23.27	22.23
		1882.5	23.89	23.01	21.56	24.16	23.28	21.83
		1850.7	23.78	22.93	21.88	24.05	23.20	22.15
	50% RB mid	1914.3	23.77	22.76	21.85	24.04	23.03	22.12
		1882.5	23.89	22.93	22.00	24.16	23.20	22.27
		1850.7	23.78	22.80	21.79	24.05	23.07	22.06
	100% RB	1914.3	22.79	21.88	20.70	23.06	22.15	20.97
		1882.5	22.92	21.96	20.75	23.19	22.23	21.02
		1850.7	22.77	21.84	20.69	23.04	22.11	20.96
3MHz	1RB-High	1913.5	23.85	22.53	21.90	24.12	22.80	22.17
		1882.5	23.87	23.13	21.67	24.14	23.40	21.94
		1851.5	23.80	23.10	21.37	24.07	23.37	21.64
	1RB-Low	1913.5	23.82	23.01	21.91	24.09	23.28	22.18
		1882.5	23.91	23.07	21.79	24.18	23.34	22.06
		1851.5	23.75	22.98	21.48	24.02	23.25	21.75
	50% RB mid	1913.5	22.75	21.81	20.76	23.02	22.08	21.03
		1882.5	22.84	21.95	20.87	23.11	22.22	21.14
		1851.5	22.75	21.78	20.77	23.02	22.05	21.04
	100% RB	1913.5	22.77	21.81	20.79	23.04	22.08	21.06
		1882.5	22.85	21.85	20.84	23.12	22.12	21.11
		1851.5	22.74	21.79	20.72	23.01	22.06	20.99
5MHz	1RB-High	1912.5	23.89	22.60	21.52	24.16	22.87	21.79
		1882.5	23.97	23.07	22.14	24.24	23.34	22.41
		1852.5	23.85	23.11	21.95	24.12	23.38	22.22
	1RB-Low	1912.5	23.88	23.12	22.02	24.15	23.39	22.29
		1882.5	24.01	23.16	22.05	24.28	23.43	22.32
		1852.5	23.87	23.13	22.04	24.14	23.40	22.31
50% RB	1912.5	22.84	21.81	20.81	23.11	22.08	21.08	

	mid	1882.5	22.88	21.90	20.88	23.15	22.17	21.15	
		1852.5	22.77	21.77	20.75	23.04	22.04	21.02	
	100% RB	1912.5	22.88	21.91	20.88	23.15	22.18	21.15	
		1882.5	22.94	21.93	20.91	23.21	22.20	21.18	
		1852.5	22.79	21.80	20.77	23.06	22.07	21.04	
10MHz	1RB-High	1910	23.91	23.08	21.98	24.18	23.35	22.25	
		1882.5	23.96	23.18	22.09	24.23	23.45	22.36	
		1855	23.92	23.07	22.03	24.19	23.34	22.30	
	1RB-Low	1910	23.92	23.05	22.07	24.19	23.32	22.34	
		1882.5	23.99	23.17	22.07	24.26	23.44	22.34	
		1855	23.82	23.13	21.94	24.09	23.40	22.21	
	50% RB mid	1910	22.84	21.84	20.83	23.11	22.11	21.10	
		1882.5	22.93	21.94	20.93	23.20	22.21	21.20	
		1855	22.79	21.78	20.79	23.06	22.05	21.06	
	100% RB	1910	22.85	21.88	20.85	23.12	22.15	21.12	
		1882.5	22.93	21.88	20.89	23.20	22.15	21.16	
		1855	22.84	21.86	20.83	23.11	22.13	21.10	
	15MHz	1RB-High	1907.5	23.81	22.92	21.93	24.08	23.19	22.20
			1882.5	23.86	23.14	22.00	24.13	23.41	22.27
			1857.5	23.79	23.08	21.85	24.06	23.35	22.12
1RB-Low		1907.5	23.82	23.05	21.95	24.09	23.32	22.22	
		1882.5	23.85	23.13	22.05	24.12	23.40	22.32	
		1857.5	23.74	22.96	21.80	24.01	23.23	22.07	
50% RB mid		1907.5	22.81	21.76	20.80	23.08	22.03	21.07	
		1882.5	22.89	21.89	20.89	23.16	22.16	21.16	
		1857.5	22.79	21.79	20.79	23.06	22.06	21.06	
100% RB		1907.5	22.72	21.74	20.69	22.99	22.01	20.96	
		1882.5	22.84	21.84	20.81	23.11	22.11	21.08	
		1857.5	22.83	21.83	20.78	23.10	22.10	21.05	
20MHz	1RB-High	1905	23.85	22.94	21.91	24.12	23.21	22.18	
		1882.5	23.92	23.03	22.02	24.19	23.30	22.29	
		1860	23.39	23.07	22.01	23.66	23.34	22.28	
	1RB-Low	1905	23.73	22.94	21.96	24.00	23.21	22.23	
		1882.5	23.83	23.08	21.97	24.10	23.35	22.24	
		1860	23.75	23.01	21.80	24.02	23.28	22.07	
	50% RB mid	1905	22.86	21.83	20.81	23.13	22.10	21.08	
		1882.5	22.94	21.95	20.88	23.21	22.22	21.15	
		1860	22.84	21.84	20.82	23.11	22.11	21.09	
	100% RB	1905	22.59	21.60	20.59	22.86	21.87	20.86	
		1882.5	22.80	21.74	20.78	23.07	22.01	21.05	
		1860	22.87	21.86	20.81	23.14	22.13	21.08	

LTE Band 26(814~824MHz)- ERP

Limits: ≤50dBm (100W)

Band-width	RB size/ offset	Frequency (MHz)	Power(dBm)			EIRP(dBm)(Gt-Lc=-1.94)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4MHz	1 RB high	823.3	23.79	22.37	21.80	19.70	18.28	17.71
		819	23.80	22.50	22.05	19.71	18.41	17.96
		814.7	23.33	23.06	21.56	19.24	18.97	17.47
	1 RB low	823.3	23.79	22.41	21.46	19.70	18.32	17.37
		819	23.89	22.83	22.00	19.80	18.74	17.91
		814.7	23.87	22.52	21.94	19.78	18.43	17.85
	50% RB mid	823.3	23.80	22.87	21.88	19.71	18.78	17.79
		819	23.84	22.85	21.94	19.75	18.76	17.85
		814.7	23.87	22.92	21.89	19.78	18.83	17.80
	100% RB	823.3	22.82	21.87	20.73	18.73	17.78	16.64
		819	22.87	21.86	20.75	18.78	17.77	16.66
		814.7	22.91	21.92	20.80	18.82	17.83	16.71
3MHz	1 RB high	822.5	23.80	22.86	21.94	19.71	18.77	17.85
		819	23.87	23.11	22.02	19.78	19.02	17.93
		815.5	23.86	23.03	21.90	19.77	18.94	17.81
	1 RB low	822.5	23.85	23.02	22.01	19.76	18.93	17.92
		819	23.93	23.05	21.98	19.84	18.96	17.89
		815.5	23.89	23.04	22.03	19.80	18.95	17.94
	50% RB mid	822.5	22.78	21.80	20.76	18.69	17.71	16.67
		819	22.79	21.86	20.83	18.70	17.77	16.74
		815.5	22.82	21.84	20.80	18.73	17.75	16.71
	100% RB	822.5	22.77	21.81	20.77	18.68	17.72	16.68
		819	22.86	21.88	20.85	18.77	17.79	16.76
		815.5	22.84	21.87	20.85	18.75	17.78	16.76
5MHz	1 RB high	821.5	23.34	22.53	21.58	19.25	18.44	17.49
		819	23.47	22.73	21.63	19.38	18.64	17.54
		816.5	23.45	22.68	21.50	19.36	18.59	17.41
	1 RB low	821.5	23.47	22.71	21.63	19.38	18.62	17.54
		819	23.49	22.75	21.63	19.40	18.66	17.54
		816.5	23.47	22.70	21.73	19.38	18.61	17.64
	50% RB mid	821.5	22.76	21.78	20.81	18.67	17.69	16.72
		819	22.84	21.84	20.82	18.75	17.75	16.73
		816.5	22.82	21.85	20.87	18.73	17.76	16.78
	100% RB	821.5	22.85	21.87	20.85	18.76	17.78	16.76
		819	22.89	21.87	20.91	18.80	17.78	16.82

		816.5	22.88	21.91	20.88	18.79	17.82	16.79
10MHz	1 RB high	819	23.40	22.60	21.51	19.31	18.51	17.42
		819	23.40	22.53	21.54	19.31	18.44	17.45
		819	23.46	22.54	21.59	19.37	18.45	17.50
	1 RB low	819	23.46	22.53	21.48	19.37	18.44	17.39
		821.5	23.42	22.69	21.52	19.33	18.60	17.43
		819	23.57	22.79	21.60	19.48	18.70	17.51
	50% RB mid	816.5	22.84	21.87	20.81	18.75	17.78	16.72
		821.5	22.88	21.87	20.83	18.79	17.78	16.74
		819	22.88	21.91	20.82	18.79	17.82	16.73
	100% RB	816.5	22.87	21.87	20.90	18.78	17.78	16.81
		821.5	22.94	21.95	20.91	18.85	17.86	16.82
		819	22.82	21.81	20.81	18.73	17.72	16.72

LTE Band 26(824~849MHz) -ERP

Limits: ≤38.45dBm (7W)

Band-width	RB size/offset	Frequency (MHz)	Power(dBm)			EIRP(dBm)(Gt-Lc=-1.94)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4MHz	1 RB high	848.3	23.33	22.51	21.44	19.24	18.42	17.35
		836.5	23.48	22.68	21.57	19.39	18.59	17.48
		824.7	23.45	22.67	21.57	19.36	18.58	17.48
	1 RB low	848.3	23.39	22.61	21.49	19.30	18.52	17.40
		836.5	23.42	22.59	21.55	19.33	18.50	17.46
		824.7	23.47	22.56	21.47	19.38	18.47	17.38
	50% RB mid	848.3	24.05	23.04	21.98	19.96	18.95	17.89
		836.5	23.89	23.04	22.04	19.80	18.95	17.95
		824.7	23.92	22.95	22.04	19.83	18.86	17.95
	100% RB	848.3	22.96	21.98	20.78	18.87	17.89	16.69
		836.5	22.95	21.94	20.92	18.86	17.85	16.83
		824.7	22.97	22.00	20.84	18.88	17.91	16.75
3MHz	1 RB high	847.5	23.38	22.48	21.49	19.29	18.39	17.40
		836.5	23.42	22.64	21.49	19.33	18.55	17.40
		825.5	23.46	22.69	21.69	19.37	18.60	17.60
	1 RB low	847.5	23.41	22.55	21.56	19.32	18.46	17.47
		836.5	23.47	22.76	21.48	19.38	18.67	17.39
		825.5	23.46	22.60	21.60	19.37	18.51	17.51
	50% RB mid	847.5	22.89	21.95	20.97	18.80	17.86	16.88
		836.5	22.91	22.02	20.90	18.82	17.93	16.81
		825.5	22.87	21.97	20.94	18.78	17.88	16.85
	100% RB	847.5	22.92	21.95	20.81	18.83	17.86	16.72
		836.5	22.90	21.97	20.92	18.81	17.88	16.83

		825.5	22.95	22.02	20.89	18.86	17.93	16.80
5MHz	1 RB high	846.5	23.87	22.54	21.52	19.78	18.45	17.43
		836.5	23.87	22.60	21.69	19.78	18.51	17.60
		826.5	23.38	22.70	21.51	19.29	18.61	17.42
	1 RB low	846.5	23.87	22.52	21.60	19.78	18.43	17.51
		836.5	23.97	22.59	21.55	19.88	18.50	17.46
		826.5	23.44	22.73	21.48	19.35	18.64	17.39
	50% RB mid	846.5	22.80	21.76	20.84	18.71	17.67	16.75
		836.5	22.82	21.73	20.77	18.73	17.64	16.68
		826.5	22.78	21.75	20.83	18.69	17.66	16.74
	100% RB	846.5	22.72	21.74	20.78	18.63	17.65	16.69
		836.5	22.76	21.85	20.75	18.67	17.76	16.66
		826.5	22.86	21.71	20.85	18.77	17.62	16.76
10MHz	1 RB high	844	23.86	22.94	22.03	19.77	18.85	17.94
		836.5	23.86	22.97	22.01	19.77	18.88	17.92
		829	23.83	23.06	21.99	19.74	18.97	17.90
	1 RB low	844	23.82	23.04	22.02	19.73	18.95	17.93
		836.5	23.75	23.00	22.06	19.66	18.91	17.97
		829	23.86	23.19	22.09	19.77	19.10	18.00
	50% RB mid	844	22.70	21.84	20.67	18.61	17.75	16.58
		836.5	22.66	21.69	20.80	18.57	17.60	16.71
		829	22.74	21.77	20.76	18.65	17.68	16.67
	100% RB	844	22.78	21.81	20.72	18.69	17.72	16.63
		836.5	22.71	21.78	20.68	18.62	17.69	16.59
		829	22.79	21.83	20.79	18.70	17.74	16.70
15MHz	1 RB high	841.5	23.35	22.49	21.43	19.26	18.40	17.34
		836.5	23.32	22.48	21.40	19.23	18.39	17.31
		831.5	23.39	22.49	21.45	19.30	18.40	17.36
	1 RB low	841.5	23.33	22.50	21.46	19.24	18.41	17.37
		836.5	23.34	22.50	21.48	19.25	18.41	17.39
		831.5	23.42	22.62	21.53	19.33	18.53	17.44
	50% RB mid	841.5	22.80	21.84	20.82	18.71	17.75	16.73
		836.5	22.83	21.85	20.79	18.74	17.76	16.70
		831.5	22.85	21.81	20.87	18.76	17.72	16.78
	100% RB	841.5	22.80	21.79	20.73	18.71	17.70	16.64
		836.5	22.95	21.93	20.93	18.86	17.84	16.84
		831.5	22.82	21.76	20.80	18.73	17.67	16.71

LTE Band 41 -EIRP

Limits: ≤33dBm (2W)

Band-	RB size/	Frequency	Power(dBm)	EIRP(dBm)(Gt-Lc=-0.61)
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width	offset	(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5MHz	1 RB high	2687.5	22.42	21.62	20.37	21.81	21.01	19.76
		2593	22.51	21.74	20.46	21.90	21.13	19.85
		2498.5	22.44	21.69	20.41	21.83	21.08	19.80
	1 RB low	2687.5	22.41	21.58	20.32	21.80	20.97	19.71
		2593	22.50	21.72	20.50	21.89	21.11	19.89
		2498.5	22.44	21.66	20.44	21.83	21.05	19.83
	50% RB mid	2687.5	21.28	20.30	19.32	20.67	19.69	18.71
		2593	21.41	20.39	19.43	20.80	19.78	18.82
		2498.5	21.26	20.38	19.44	20.65	19.77	18.83
	100% RB	2687.5	21.32	20.34	19.38	20.71	19.73	18.77
		2593	21.42	20.47	19.46	20.81	19.86	18.85
		2498.5	21.29	20.46	19.46	20.68	19.85	18.85
10MHz	1 RB high	2685	22.33	21.57	20.30	21.72	20.96	19.69
		2593	22.49	21.74	20.47	21.88	21.13	19.86
		2501	22.47	21.76	20.43	21.86	21.15	19.82
	1 RB low	2685	22.31	21.58	20.30	21.70	20.97	19.69
		2593	22.49	21.74	20.46	21.88	21.13	19.85
		2501	22.48	21.70	20.41	21.87	21.09	19.80
	50% RB mid	2685	21.24	20.29	19.34	20.63	19.68	18.73
		2593	21.49	20.45	19.51	20.88	19.84	18.90
		2501	21.28	20.45	19.53	20.67	19.84	18.92
	100% RB	2685	21.29	20.33	19.29	20.68	19.72	18.68
		2593	21.46	20.52	19.46	20.85	19.91	18.85
		2501	21.34	20.47	19.34	20.73	19.86	18.73
15MHz	1 RB high	2682.5	22.12	21.51	20.20	21.51	20.90	19.59
		2593	22.34	21.66	20.38	21.73	21.05	19.77
		2503.5	22.32	21.56	20.36	21.71	20.95	19.75
	1 RB low	2682.5	22.09	21.45	20.18	21.48	20.84	19.57
		2593	22.32	21.64	20.32	21.71	21.03	19.71
		2503.5	22.29	21.54	20.31	21.68	20.93	19.70
	50% RB mid	2682.5	21.22	20.22	19.21	20.61	19.61	18.60
		2593	21.40	20.39	19.38	20.79	19.78	18.77
		2503.5	21.24	20.38	19.30	20.63	19.77	18.69
	100% RB	2682.5	21.24	20.22	19.26	20.63	19.61	18.65
		2593	21.39	20.42	19.38	20.78	19.81	18.77
		2503.5	21.29	20.39	19.42	20.68	19.78	18.81
20MHz	1 RB high	2680	22.21	21.49	20.21	21.60	20.88	19.60
		2593	22.39	21.61	20.32	21.78	21.00	19.71
		2506	22.38	21.64	20.33	21.77	21.03	19.72
	1 RB low	2680	22.20	21.47	20.17	21.59	20.86	19.56

		2593	22.41	21.67	20.38	21.80	21.06	19.77
		2506	22.35	21.62	20.34	21.74	21.01	19.73
		2680	21.25	20.28	19.21	20.64	19.67	18.60
	50% RB mid	2593	21.50	20.53	19.47	20.89	19.92	18.86
		2506	21.35	20.52	19.46	20.74	19.91	18.85
		2680	21.23	20.22	19.21	20.62	19.61	18.60
	100% RB	2593	21.45	20.45	19.41	20.84	19.84	18.80
		2506	21.34	20.50	19.48	20.73	19.89	18.87

LTE Band 66- EIRP

Limits: ≤30dBm (1W)

Bandwidth	RB size/offset	Frequency (MHz)	Power(dBm)			EIRP(dBm)(Gt-Lc=-0.19)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4MHz	1 RB high	1779.3	22.79	22.13	20.95	22.60	21.94	20.76
		1745	22.74	21.96	20.86	22.55	21.77	20.67
		1710.7	22.77	22.11	20.94	22.58	21.92	20.75
	1 RB low	1779.3	22.77	22.04	20.96	22.58	21.85	20.77
		1745	23.17	22.48	21.05	22.98	22.29	20.86
		1710.7	22.76	22.15	21.36	22.57	21.96	21.17
	50% RB mid	1779.3	23.30	22.29	21.35	23.11	22.10	21.16
		1745	23.27	22.26	21.32	23.08	22.07	21.13
		1710.7	23.25	22.24	21.37	23.06	22.05	21.18
	100% RB	1779.3	22.28	21.36	20.23	22.09	21.17	20.04
		1745	22.26	21.37	20.13	22.07	21.18	19.94
		1710.7	22.26	21.36	20.25	22.07	21.17	20.06
3MHz	1 RB high	1778.5	23.29	22.08	21.41	23.10	21.89	21.22
		1745	23.24	22.54	21.42	23.05	22.35	21.23
		1711.5	23.32	22.61	21.47	23.13	22.42	21.28
	1 RB low	1778.5	23.31	22.62	21.49	23.12	22.43	21.30
		1745	22.75	22.61	21.44	22.56	22.42	21.25
		1711.5	23.28	22.60	21.48	23.09	22.41	21.29
	50% RB mid	1778.5	22.30	21.32	20.26	22.11	21.13	20.07
		1745	22.18	21.28	20.19	21.99	21.09	20.00
		1711.5	22.26	21.29	20.27	22.07	21.10	20.08
	100% RB	1778.5	22.27	21.31	20.25	22.08	21.12	20.06
		1745	22.19	21.21	20.16	22.00	21.02	19.97
		1711.5	22.27	21.31	20.30	22.08	21.12	20.11
5MHz	1 RB high	1777.5	23.39	22.10	21.06	23.20	21.91	20.87
		1745	23.37	22.08	21.23	23.18	21.89	21.04
		1712.5	23.40	22.75	21.61	23.21	22.56	21.42

	1 RB low	1777.5	22.87	22.68	21.48	22.68	22.49	21.29
		1745	23.36	22.62	21.44	23.17	22.43	21.25
		1712.5	23.08	22.59	21.53	22.89	22.40	21.34
	50% RB mid	1777.5	22.32	21.31	20.30	22.13	21.12	20.11
		1745	22.25	21.23	20.28	22.06	21.04	20.09
		1712.5	22.32	21.32	20.33	22.13	21.13	20.14
	100% RB	1777.5	22.37	21.29	20.34	22.18	21.10	20.15
		1745	22.27	21.25	20.23	22.08	21.06	20.04
		1712.5	22.34	21.32	20.32	22.15	21.13	20.13
10MHz	1 RB high	1775	22.88	22.27	21.10	22.69	22.08	20.91
		1745	23.02	22.32	21.43	22.83	22.13	21.24
		1715	23.43	22.56	21.07	23.24	22.37	20.88
	1 RB low	1775	22.81	22.11	21.06	22.62	21.92	20.87
		1745	23.33	22.55	21.55	23.14	22.36	21.36
		1715	23.33	22.69	21.51	23.14	22.50	21.32
	50% RB mid	1775	22.37	21.36	20.34	22.18	21.17	20.15
		1745	22.31	21.28	20.30	22.12	21.09	20.11
		1715	22.33	21.34	20.33	22.14	21.15	20.14
	100% RB	1775	22.29	21.27	20.22	22.10	21.08	20.03
		1745	22.28	21.26	20.29	22.09	21.07	20.10
		1715	22.35	21.36	20.38	22.16	21.17	20.19
15MHz	1 RB high	1772.5	23.31	22.15	20.98	23.12	21.96	20.79
		1745	23.28	22.12	20.84	23.09	21.93	20.65
		1717.5	23.34	22.62	20.97	23.15	22.43	20.78
	1 RB low	1772.5	23.21	21.96	21.33	23.02	21.77	21.14
		1745	23.03	22.55	20.89	22.84	22.36	20.70
		1717.5	23.25	22.47	21.41	23.06	22.28	21.22
	50% RB mid	1772.5	22.28	21.30	20.31	22.09	21.11	20.12
		1745	22.27	21.25	20.24	22.08	21.06	20.05
		1717.5	22.30	21.28	20.31	22.11	21.09	20.12
	100% RB	1772.5	22.27	21.23	20.23	22.08	21.04	20.04
		1745	22.20	21.18	20.19	22.01	20.99	20.00
		1717.5	22.36	21.34	20.28	22.17	21.15	20.09
20MHz	1 RB high	1770	23.33	22.14	20.92	23.14	21.95	20.73
		1745	23.23	22.08	20.93	23.04	21.89	20.74
		1720	23.31	22.62	21.48	23.12	22.43	21.29
	1 RB low	1770	23.17	22.06	21.37	22.98	21.87	21.18
		1745	23.23	22.54	21.43	23.04	22.35	21.24
		1720	23.27	22.52	21.37	23.08	22.33	21.18
	50% RB mid	1770	22.33	21.35	20.30	22.14	21.16	20.11
		1745	22.30	21.27	20.24	22.11	21.08	20.05

		1720	22.36	21.35	20.29	22.17	21.16	20.10
	100% RB	1770	22.21	21.18	20.15	22.02	20.99	19.96
		1745	22.13	21.14	20.10	21.94	20.95	19.91
		1720	22.41	21.35	20.35	22.22	21.16	20.16

LTE Band 71- ERP
Limits: ≤34.77dBm (3W)

Band-width	RB size/offset	Frequency (MHz)	Power(dBm)			EIRP(dBm)(Gt-Lc=-2.08)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5MHz	1 RB high	695.5	24.27	23.44	22.32	20.04	19.21	18.09
		680.5	24.22	23.44	22.36	19.99	19.21	18.13
		665.5	24.29	23.48	22.33	20.06	19.25	18.10
	1 RB low	695.5	24.23	23.4	22.24	20.00	19.17	18.01
		680.5	24.28	23.51	22.29	20.05	19.28	18.06
		665.5	24.25	23.53	22.32	20.02	19.30	18.09
	50% RB mid	695.5	22.98	22.16	21.16	18.75	17.93	16.93
		680.5	23.11	22.23	21.22	18.88	18.00	16.99
		665.5	23.01	22.05	21.17	18.78	17.82	16.94
	100% RB	695.5	23.03	22.17	21.09	18.80	17.94	16.86
		680.5	23.14	22.26	21.24	18.91	18.03	17.01
		665.5	23.09	22.14	21.23	18.86	17.91	17.00
10MHz	1 RB high	693	24.22	23.42	22.43	19.99	19.19	18.20
		680.5	24.2	23.43	22.35	19.97	19.20	18.12
		668	24.24	23.44	22.29	20.01	19.21	18.06
	1 RB low	693	24.15	23.46	22.38	19.92	19.23	18.15
		680.5	24.23	23.5	22.35	20.00	19.27	18.12
		668	24.33	23.34	22.32	20.10	19.11	18.09
	50% RB mid	693	23.34	22.19	21.13	19.11	17.96	16.90
		680.5	23.07	22.23	21.21	18.84	18.00	16.98
		668	23.03	22.19	21.18	18.80	17.96	16.95
	100% RB	693	23.02	22.17	21.17	18.79	17.94	16.94
		680.5	23.11	22.2	21.21	18.88	17.97	16.98
		668	23.15	22.27	21.22	18.92	18.04	16.99
15MHz	1 RB high	690.5	24.05	23.29	22.24	19.82	19.06	18.01
		680.5	24.06	23.27	22.25	19.83	19.04	18.02
		670.5	24.04	23.3	22.21	19.81	19.07	17.98
	1 RB low	690.5	24.07	23.19	22.23	19.84	18.96	18.00
		680.5	24.11	23.31	22.33	19.88	19.08	18.10
		670.5	24.09	23.32	22.32	19.86	19.09	18.09
	50% RB mid	690.5	23.04	22.17	21.2	18.81	17.94	16.97
		680.5	23.03	22.19	21.18	18.80	17.96	16.95

		670.5	22.98	22.17	21.17	18.75	17.94	16.94
	100% RB	690.5	23.05	22.17	21.14	18.82	17.94	16.91
		680.5	23.1	22.17	21.19	18.87	17.94	16.96
		670.5	23.04	22.19	21.17	18.81	17.96	16.94
20MHz		1 RB high	688	24.21	23.37	22.25	19.98	19.14
	683		24.09	23.35	22.19	19.86	19.12	17.96
	673		24.17	23.48	22.34	19.94	19.25	18.11
	1 RB low	688	24.16	23.4	22.27	19.93	19.17	18.04
		683	24.15	23.41	22.34	19.92	19.18	18.11
		673	24.34	23.54	22.36	20.11	19.31	18.13
	50% RB mid	688	23.11	22.26	21.23	18.88	18.03	17.00
		683	23.08	22.22	21.17	18.85	17.99	16.94
		673	23.11	22.2	21.21	18.88	17.97	16.98
	100% RB	688	23.09	22.2	21.18	18.86	17.97	16.95
		683	23.05	22.15	21.11	18.82	17.92	16.88
		673	23.05	22.15	21.16	18.82	17.92	16.93

A.2 Emission Limit

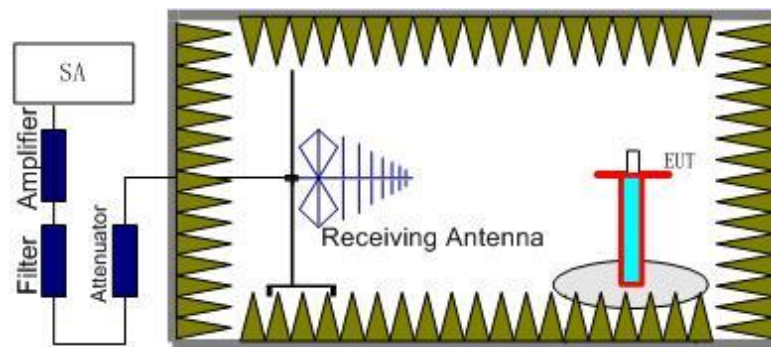
A.2.1 Measurement Method

The measurements procedures in TIA-603E-2016 are used. This measurement is carried out in fully anechoic chamber.

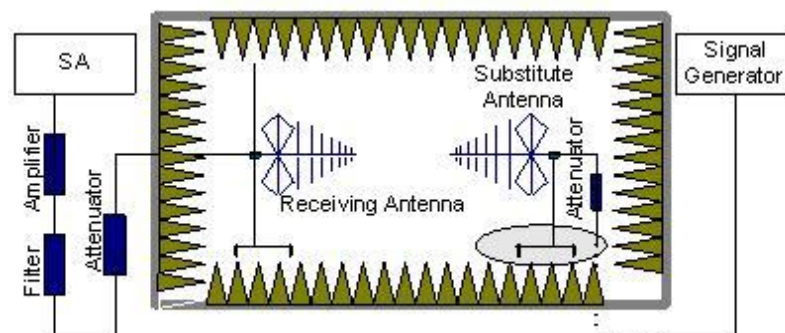
The spectrum was scanned from 30 MHz to the 10th harmonic of the highest frequency generated within the equipment, which is the transmitted carrier. The resolution bandwidth is set 1MHz. The spectrum was scanned with the mobile station transmitting at carrier frequencies that pertain to low, mid and high channels of each LTE Band.

The procedure of radiated spurious emissions is as follows:

1. EUT was placed on a 1.5-meter-high non-conductive stand at a 3-meter test distance from the receive antenna. A receiving antenna was placed on the antenna mast 3 meters from the EUT for emission measurements. The height of receiving antenna is 1.5m. 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 non-harmonic and harmonics of the transmit frequency through the 10th harmonic 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. Adjust 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 (G_a) should be recorded after test.

An amplifier should be connected in for the test.

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

The measurement results are obtained as described below:

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

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

A.2.2 Measurement Limit

FDD Band 2/25: Part 24.238 specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

FDD Band 5/26(824MHz~849MHz): Part 22.917 specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

FDD Band 12/71: Part 27.53(g) states for operations in the 600 MHz band and the 698–746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log(P)$ dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

FDD Band 7/TDD Band 38/41: Part 27.53(m) specifies for mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log(P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log(P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log(P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log(P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log(P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

FDD Band 4/66: Part 27.53(h) specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

A.2.3 Measurement Results

Radiated emissions measurements were made only at the upper, middle, and lower carrier frequencies of each LTE Band. 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 each LTE Band 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. The range of evaluated frequency is from 30MHz to 26GHz.

Reference measurement results from initial model T609DL

LTE Band 2, 1.4MHz, QPSK, Channel 18607

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16993.13	-45.87	2.90	16.50	-32.27	-13.00	H
17098.75	-43.91	2.90	14.50	-32.31	-13.00	H
17368.75	-43.78	3.20	14.50	-32.48	-13.00	V
17460.63	-42.14	2.90	14.50	-30.54	-13.00	V
17573.13	-39.45	3.30	12.80	-29.95	-13.00	H
17759.38	-40.55	3.60	12.80	-31.35	-13.00	V

LTE Band 2, 1.4MHz, QPSK, Channel 18900

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16959.38	-45.85	2.90	16.50	-32.25	-13.00	H
17123.75	-44.22	2.90	14.50	-32.62	-13.00	V
17356.88	-43.31	3.20	14.50	-32.01	-13.00	V
17508.13	-39.69	2.90	12.80	-29.79	-13.00	H
17585.00	-39.55	3.30	12.80	-30.05	-13.00	H
17836.25	-40.94	3.60	12.80	-31.74	-13.00	H

LTE Band 2, 1.4MHz, QPSK, Channel 19193

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16965.63	-45.32	2.90	16.50	-31.72	-13.00	V
17170.63	-44.69	2.90	14.50	-33.09	-13.00	H
17355.00	-42.58	3.20	14.50	-31.28	-13.00	H
17511.88	-40.20	2.90	12.80	-30.30	-13.00	H
17583.75	-40.21	3.30	12.80	-30.71	-13.00	H



17840.00	-40.33	3.60	12.80	-31.13	-13.00	H
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LTE Band 2, 1.4MHz, 16QAM, Channel 18607

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16881.25	-46.21	2.90	16.50	-32.61	-13.00	H
16975.00	-45.72	2.90	16.50	-32.12	-13.00	V
17348.13	-43.02	3.20	14.50	-31.72	-13.00	V
17520.63	-39.96	2.90	12.80	-30.06	-13.00	H
17632.50	-39.42	3.30	12.80	-29.92	-13.00	H
17686.88	-40.23	3.30	12.80	-30.73	-13.00	H

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16946.88	-45.12	2.90	16.50	-31.52	-13.00	V
17151.88	-44.36	2.90	14.50	-32.76	-13.00	V
17299.38	-43.49	3.20	14.50	-32.19	-13.00	H
17514.38	-40.83	2.90	12.80	-30.93	-13.00	H
17582.50	-39.32	3.30	12.80	-29.82	-13.00	H
17820.00	-39.96	3.60	12.80	-30.76	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16933.75	-45.97	2.90	16.50	-32.37	-13.00	V
17163.13	-43.54	2.90	14.50	-31.94	-13.00	H
17290.63	-42.95	3.20	14.50	-31.65	-13.00	H
17508.13	-40.90	2.90	12.80	-31.00	-13.00	H
17527.50	-41.09	2.90	12.80	-31.19	-13.00	H
17776.25	-40.78	3.60	12.80	-31.58	-13.00	H

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16998.75	-45.45	2.90	16.50	-31.85	-13.00	H
17190.63	-43.88	2.90	14.50	-32.28	-13.00	V
17362.50	-43.61	3.20	14.50	-32.31	-13.00	V
17495.00	-41.99	2.90	14.50	-30.39	-13.00	H
17581.88	-40.38	3.30	12.80	-30.88	-13.00	H
17833.75	-40.45	3.60	12.80	-31.25	-13.00	H

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16989.38	-45.54	2.90	16.50	-31.94	-13.00	V
17200.00	-44.42	2.90	14.50	-32.82	-13.00	V
17281.25	-41.82	3.20	14.50	-30.52	-13.00	H
17506.25	-40.58	2.90	12.80	-30.68	-13.00	H
17580.63	-40.63	3.30	12.80	-31.13	-13.00	H
17823.13	-40.86	3.60	12.80	-31.66	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16991.25	-45.81	2.90	16.50	-32.21	-13.00	V
17193.75	-44.41	2.90	14.50	-32.81	-13.00	H
17301.88	-43.40	3.20	14.50	-32.10	-13.00	H
17523.13	-40.16	2.90	12.80	-30.26	-13.00	H
17583.75	-40.08	3.30	12.80	-30.58	-13.00	H
17839.38	-40.05	3.60	12.80	-30.85	-13.00	H

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

LTE Band 5, 1.4MHz, QPSK, Channel 20407

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
2472.50	-45.67	0.90	9.80	-38.92	-13.00	H
8425.13	-51.02	1.80	11.30	-43.67	-13.00	V
9095.38	-51.54	2.20	11.60	-44.29	-13.00	H
9302.50	-50.07	2.00	11.60	-42.62	-13.00	H
9472.75	-50.02	2.10	11.60	-42.67	-13.00	H
9720.00	-51.01	2.20	11.20	-44.16	-13.00	V

LTE Band 5, 1.4MHz, QPSK, Channel 20525

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
2508.00	-34.99	0.90	10.70	-27.34	-13.00	V
7188.00	-53.26	1.80	12.00	-45.21	-13.00	V
9097.63	-51.47	2.20	11.60	-44.22	-13.00	H
9302.88	-50.51	2.00	11.60	-43.06	-13.00	H
9364.75	-51.09	2.00	11.60	-43.64	-13.00	H
9754.50	-50.99	2.20	11.20	-44.14	-13.00	V

LTE Band 5, 1.4MHz, QPSK, Channel 20643

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
2543.50	-34.28	0.90	10.70	-26.63	-13.00	V
8408.63	-51.52	1.80	11.30	-44.17	-13.00	V
9102.25	-51.16	2.20	11.60	-43.91	-13.00	V
9221.88	-50.60	2.10	11.60	-43.25	-13.00	H
9475.00	-51.35	2.10	11.60	-44.00	-13.00	V
9726.00	-51.33	2.20	11.20	-44.48	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
2473.00	-45.33	0.90	9.80	-38.58	-13.00	H
8584.13	-52.80	2.00	12.00	-44.95	-13.00	V
9097.13	-51.59	2.20	11.60	-44.34	-13.00	V
9294.75	-50.53	2.00	11.60	-43.08	-13.00	V
9470.88	-51.26	2.10	11.60	-43.91	-13.00	V
9736.38	-49.73	2.20	11.20	-42.88	-13.00	H

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
2508.00	-36.61	0.90	10.70	-28.96	-13.00	H
7185.38	-52.94	1.80	12.00	-44.89	-13.00	H
9100.63	-51.52	2.20	11.60	-44.27	-13.00	H
9300.63	-50.78	2.00	11.60	-43.33	-13.00	H
9470.38	-50.95	2.10	11.60	-43.60	-13.00	V
9740.13	-49.67	2.20	11.20	-42.82	-13.00	H

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
2544.00	-34.64	0.90	10.70	-26.99	-13.00	H
7327.50	-53.12	1.70	12.00	-44.97	-13.00	V
9106.25	-51.44	2.20	11.60	-44.19	-13.00	V
9301.88	-50.96	2.00	11.60	-43.51	-13.00	H
9475.00	-51.13	2.10	11.60	-43.78	-13.00	V
9749.00	-51.16	2.20	11.20	-44.31	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
2473.00	-44.91	0.90	9.80	-38.16	-13.00	V
8426.63	-52.35	1.80	11.30	-45.00	-13.00	V
9101.25	-51.31	2.20	11.60	-44.06	-13.00	H
9304.63	-50.13	2.00	11.60	-42.68	-13.00	H
9473.50	-51.47	2.10	11.60	-44.12	-13.00	V
9740.00	-51.15	2.20	11.20	-44.30	-13.00	H

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
2508.50	-37.21	0.90	10.70	-29.56	-13.00	V
8114.25	-52.36	1.80	11.30	-45.01	-13.00	V
9102.50	-51.70	2.20	11.60	-44.45	-13.00	H
9292.63	-50.51	2.00	11.60	-43.06	-13.00	H
9476.25	-50.84	2.10	11.60	-43.49	-13.00	V
9739.00	-50.78	2.20	11.20	-43.93	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
2543.50	-34.81	0.90	10.70	-27.16	-13.00	H
8893.13	-52.51	1.90	12.00	-44.56	-13.00	V
9054.63	-51.90	2.20	11.60	-44.65	-13.00	H
9221.63	-49.71	2.10	11.60	-42.36	-13.00	H
9474.38	-51.16	2.10	11.60	-43.81	-13.00	V
9720.63	-51.08	2.20	11.20	-44.23	-13.00	V

Note: The maximum value of expanded measurement uncertainty for this test item is $U = 2.90\text{dB}(30\text{MHz}-3\text{GHz})/3.50\text{dB}(3\text{GHz}-18\text{GHz})/3.90\text{dB}(18\text{GHz}-40\text{GHz})$, $k = 2$

LTE Band 7, 5 MHz, QPSK, Channel 20775

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16944.38	-49.75	2.90	16.50	-36.15	-25.00	V
17133.75	-47.57	2.90	14.50	-35.97	-25.00	V
17263.13	-47.46	3.20	14.50	-36.16	-25.00	V
17418.75	-47.72	2.90	14.50	-36.12	-25.00	H
17590.63	-46.17	3.30	12.80	-36.67	-25.00	V
17815.00	-45.67	3.60	12.80	-36.47	-25.00	V

LTE Band 7, 5 MHz, QPSK, Channel 21100

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16946.25	-49.42	2.90	16.50	-35.82	-25.00	V
17104.38	-47.87	2.90	14.50	-36.27	-25.00	H
17296.88	-48.12	3.20	14.50	-36.82	-25.00	V
17504.38	-46.18	2.90	12.80	-36.28	-25.00	V
17526.25	-46.27	2.90	12.80	-36.37	-25.00	H
17825.63	-45.79	3.60	12.80	-36.59	-25.00	H

LTE Band 7, 5 MHz, QPSK, Channel 21425

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16944.38	-49.94	2.90	16.50	-36.34	-25.00	V
17115.63	-47.98	2.90	14.50	-36.38	-25.00	V
17227.50	-47.80	3.20	14.50	-36.50	-25.00	V
17516.25	-46.56	2.90	12.80	-36.66	-25.00	V
17597.50	-46.11	3.30	12.80	-36.61	-25.00	V
17774.38	-45.36	3.60	12.80	-36.16	-25.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16950.00	-49.83	2.90	16.50	-36.23	-25.00	H
17117.50	-48.39	2.90	14.50	-36.79	-25.00	V
17367.50	-47.99	3.20	14.50	-36.69	-25.00	V
17515.63	-45.90	2.90	12.80	-36.00	-25.00	V
17618.13	-45.91	3.30	12.80	-36.41	-25.00	H
17758.13	-45.23	3.60	12.80	-36.03	-25.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16989.38	-49.67	2.90	16.50	-36.07	-25.00	V
17123.13	-47.46	2.90	14.50	-35.86	-25.00	H
17284.38	-47.44	3.20	14.50	-36.14	-25.00	V
17520.63	-46.38	2.90	12.80	-36.48	-25.00	V
17600.63	-45.63	3.30	12.80	-36.13	-25.00	H
17775.00	-45.12	3.60	12.80	-35.92	-25.00	H

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16950.00	-50.21	2.90	16.50	-36.61	-25.00	H
17213.75	-48.00	2.90	14.50	-36.40	-25.00	V
17296.88	-47.33	3.20	14.50	-36.03	-25.00	V
17497.50	-47.45	2.90	14.50	-35.85	-25.00	H
17615.00	-45.41	3.30	12.80	-35.91	-25.00	V
17826.25	-45.88	3.60	12.80	-36.68	-25.00	H

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16926.88	-49.59	2.90	16.50	-35.99	-25.00	H
17178.13	-48.01	2.90	14.50	-36.41	-25.00	V
17220.00	-47.57	3.20	14.50	-36.27	-25.00	V
17428.13	-48.28	2.90	14.50	-36.68	-25.00	H
17565.00	-45.87	3.30	12.80	-36.37	-25.00	V
17797.50	-45.32	3.60	12.80	-36.12	-25.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16980.63	-50.31	2.90	16.50	-36.71	-25.00	V
17142.50	-47.56	2.90	14.50	-35.96	-25.00	H
17270.63	-47.73	3.20	14.50	-36.43	-25.00	V
17503.75	-46.10	2.90	12.80	-36.20	-25.00	H
17593.13	-45.69	3.30	12.80	-36.19	-25.00	V
17715.63	-46.14	3.30	12.80	-36.64	-25.00	H

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16986.25	-49.69	2.90	16.50	-36.09	-25.00	H
17138.13	-47.87	2.90	14.50	-36.27	-25.00	V
17288.75	-47.73	3.20	14.50	-36.43	-25.00	V
17501.88	-46.21	2.90	12.80	-36.31	-25.00	V
17551.88	-46.37	2.90	12.80	-36.47	-25.00	V
17836.25	-45.57	3.60	12.80	-36.37	-25.00	V

Note: The maximum value of expanded measurement uncertainty for this test item is $U = 2.90\text{dB}(30\text{MHz}-3\text{GHz})/3.50\text{dB}(3\text{GHz}-18\text{GHz})/3.90\text{dB}(18\text{GHz}-40\text{GHz})$, $k = 2$

LTE Band 12, 1.4MHz, QPSK, Channel 23017

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
7205.63	-52.67	1.80	12.00	-44.62	-13.00	V
8441.63	-51.84	1.80	11.30	-44.49	-13.00	V
9298.38	-49.78	2.00	11.60	-42.33	-13.00	V
9472.25	-51.04	2.10	11.60	-43.69	-13.00	V
9731.50	-50.97	2.20	11.20	-44.12	-13.00	V
9811.63	-51.58	2.30	11.20	-44.83	-13.00	V

LTE Band 12, 1.4MHz, QPSK, Channel 23095

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8476.13	-52.35	1.80	11.30	-45.00	-13.00	H
9103.00	-51.88	2.20	11.60	-44.63	-13.00	H
9300.50	-50.31	2.00	11.60	-42.86	-13.00	V
9474.75	-50.80	2.10	11.60	-43.45	-13.00	H
9729.25	-50.71	2.20	11.20	-43.86	-13.00	V
9806.75	-51.11	2.30	11.20	-44.36	-13.00	H

LTE Band 12, 1.4MHz, QPSK, Channel 23173

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8472.75	-51.76	1.80	11.30	-44.41	-13.00	V
9100.13	-52.07	2.20	11.60	-44.82	-13.00	V
9299.50	-50.15	2.00	11.60	-42.70	-13.00	V
9467.50	-51.10	2.10	11.60	-43.75	-13.00	V
9715.88	-51.30	2.20	11.20	-44.45	-13.00	V
9802.75	-51.46	2.30	11.20	-44.71	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8418.75	-52.34	1.80	11.30	-44.99	-13.00	H
8588.63	-52.96	2.00	12.00	-45.11	-13.00	H
9102.00	-52.05	2.20	11.60	-44.80	-13.00	H
9298.00	-50.84	2.00	11.60	-43.39	-13.00	V
9475.00	-50.37	2.10	11.60	-43.02	-13.00	V
9737.50	-50.75	2.20	11.20	-43.90	-13.00	V

LTE Band 12, 1.4MHz 16QAM, Channel 23095

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
7200.75	-53.25	1.80	12.00	-45.20	-13.00	H
8483.63	-51.94	1.80	11.30	-44.59	-13.00	H
9097.13	-51.87	2.20	11.60	-44.62	-13.00	V
9299.13	-50.85	2.00	11.60	-43.40	-13.00	V
9470.00	-50.39	2.10	11.60	-43.04	-13.00	V
9744.50	-51.29	2.20	11.20	-44.44	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
7198.50	-52.91	1.80	12.00	-44.86	-13.00	H
8451.75	-52.26	1.80	11.30	-44.91	-13.00	V
9102.63	-51.17	2.20	11.60	-43.92	-13.00	H
9307.63	-50.60	2.00	11.60	-43.15	-13.00	V
9474.13	-50.53	2.10	11.60	-43.18	-13.00	V
9730.38	-50.82	2.20	11.20	-43.97	-13.00	H

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8433.75	-52.06	1.80	11.30	-44.71	-13.00	H
8796.00	-52.74	1.90	12.00	-44.79	-13.00	V
9099.25	-51.40	2.20	11.60	-44.15	-13.00	H
9304.75	-50.19	2.00	11.60	-42.74	-13.00	V
9425.88	-51.51	2.10	11.60	-44.16	-13.00	V
9726.00	-51.02	2.20	11.20	-44.17	-13.00	H

LTE Band 12, 1.4MHz 64QAM, Channel 23095

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
7187.25	-52.99	1.80	12.00	-44.94	-13.00	H
7847.25	-52.62	1.70	11.30	-45.17	-13.00	H
9100.38	-51.56	2.20	11.60	-44.31	-13.00	H
9163.38	-50.96	2.10	11.60	-43.61	-13.00	H
9429.13	-51.46	2.10	11.60	-44.11	-13.00	V
9737.75	-51.20	2.20	11.20	-44.35	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
7215.75	-53.11	1.80	12.00	-45.06	-13.00	V
8422.50	-52.57	1.80	11.30	-45.22	-13.00	V
9100.38	-51.82	2.20	11.60	-44.57	-13.00	V
9302.38	-50.94	2.00	11.60	-43.49	-13.00	H
9474.50	-49.86	2.10	11.60	-42.51	-13.00	V
9664.38	-50.77	2.10	11.20	-43.82	-13.00	V

Note: The maximum value of expanded measurement uncertainty for this test item is $U = 2.90\text{dB}(30\text{MHz}-3\text{GHz})/3.50\text{dB}(3\text{GHz}-18\text{GHz})/3.90\text{dB}(18\text{GHz}-40\text{GHz})$, $k = 2$

LTE Band 13, 5 MHz, QPSK, Channel 23205

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
1565.50	-59.86	0.70	8.10	-54.61	-40.00	V
8455.50	-52.18	1.80	11.30	-44.83	-13.00	H
9298.38	-51.02	2.00	11.60	-43.57	-13.00	V
9478.25	-51.66	2.10	11.60	-44.31	-13.00	V
9726.75	-51.49	2.20	11.20	-44.64	-13.00	V
9789.38	-50.28	2.30	11.20	-43.53	-13.00	V

LTE Band 13, 5 MHz, QPSK, Channel 23230

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
1570.50	-59.72	0.70	8.10	-54.47	-40.00	V
8385.38	-52.12	1.80	11.30	-44.77	-13.00	V
9097.88	-51.75	2.20	11.60	-44.50	-13.00	H
9300.00	-51.00	2.00	11.60	-43.55	-13.00	V
9475.38	-51.28	2.10	11.60	-43.93	-13.00	V
9735.25	-50.67	2.20	11.20	-43.82	-13.00	V

LTE Band 13, 5 MHz, QPSK, Channel 23255

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
1561.00	-59.12	0.70	8.10	-53.87	-40.00	V
9100.13	-51.54	2.20	11.60	-44.29	-13.00	V
9225.00	-50.27	2.10	11.60	-42.92	-13.00	V
9475.75	-51.23	2.10	11.60	-43.88	-13.00	V
9736.88	-50.84	2.20	11.20	-43.99	-13.00	H
9784.63	-50.86	2.30	11.20	-44.11	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
1566.50	-60.08	0.70	8.10	-54.83	-40.00	H
8407.13	-51.76	1.80	11.30	-44.41	-13.00	V
9099.00	-51.90	2.20	11.60	-44.65	-13.00	V
9302.75	-50.78	2.00	11.60	-43.33	-13.00	V
9477.25	-50.80	2.10	11.60	-43.45	-13.00	V
9733.13	-50.96	2.20	11.20	-44.11	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
1575.50	-59.66	0.70	8.10	-54.41	-40.00	H
9099.63	-51.66	2.20	11.60	-44.41	-13.00	H
9224.63	-50.13	2.10	11.60	-42.78	-13.00	V
9472.88	-50.13	2.10	11.60	-42.78	-13.00	V
9722.50	-50.83	2.20	11.20	-43.98	-13.00	V
9786.00	-51.49	2.30	11.20	-44.74	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
1562.50	-58.99	0.70	8.10	-53.74	-40.00	V
9100.50	-51.40	2.20	11.60	-44.15	-13.00	H
9226.13	-50.61	2.10	11.60	-43.26	-13.00	V
9426.75	-50.24	2.10	11.60	-42.89	-13.00	V
9753.13	-51.32	2.20	11.20	-44.47	-13.00	V
9800.63	-50.96	2.30	11.20	-44.21	-13.00	H

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
1567.00	-59.23	0.70	8.10	-53.98	-40.00	V
9102.00	-50.69	2.20	11.60	-43.44	-13.00	V
9301.25	-50.88	2.00	11.60	-43.43	-13.00	V
9477.13	-51.54	2.10	11.60	-44.19	-13.00	V
9741.50	-50.61	2.20	11.20	-43.76	-13.00	V
9781.38	-51.45	2.30	11.20	-44.70	-13.00	H

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
1588.50	-61.18	0.70	8.10	-55.93	-40.00	H
7148.63	-52.78	1.90	12.00	-44.83	-13.00	H
9100.75	-51.68	2.20	11.60	-44.43	-13.00	V
9290.25	-50.70	2.00	11.60	-43.25	-13.00	V
9473.13	-51.16	2.10	11.60	-43.81	-13.00	V
9738.50	-50.75	2.20	11.20	-43.90	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
1576.50	-60.29	0.70	8.10	-55.04	-40.00	V
9100.00	-51.86	2.20	11.60	-44.61	-13.00	H
9224.25	-50.42	2.10	11.60	-43.07	-13.00	H
9475.25	-50.89	2.10	11.60	-43.54	-13.00	V
9730.25	-50.81	2.20	11.20	-43.96	-13.00	H
9799.63	-51.49	2.30	11.20	-44.74	-13.00	H

Note: The maximum value of expanded measurement uncertainty for this test item is $U = 2.90\text{dB}(30\text{MHz}-3\text{GHz})/3.50\text{dB}(3\text{GHz}-18\text{GHz})/3.90\text{dB}(18\text{GHz}-40\text{GHz})$, $k = 2$

LTE Band 25, 1.4MHz, QPSK, Channel 26047

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16955.00	-45.84	2.90	16.50	-32.24	-13.00	H
17115.00	-44.46	2.90	14.50	-32.86	-13.00	H
17365.63	-43.04	3.20	14.50	-31.74	-13.00	V
17450.63	-41.67	2.90	14.50	-30.07	-13.00	H
17582.50	-40.20	3.30	12.80	-30.70	-13.00	H
17827.50	-40.53	3.60	12.80	-31.33	-13.00	H

LTE Band 25, 1.4MHz, QPSK, Channel 26365

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
17001.25	-43.20	2.90	14.50	-31.60	-13.00	V
17118.75	-44.60	2.90	14.50	-33.00	-13.00	V
17293.75	-43.46	3.20	14.50	-32.16	-13.00	V
17524.38	-41.30	2.90	12.80	-31.40	-13.00	V
17584.38	-40.16	3.30	12.80	-30.66	-13.00	H
17837.50	-40.39	3.60	12.80	-31.19	-13.00	H

LTE Band 25, 1.4MHz, QPSK, Channel 26683

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
17043.13	-44.01	2.90	14.50	-32.41	-13.00	V
17188.75	-44.32	2.90	14.50	-32.72	-13.00	H
17367.50	-43.98	3.20	14.50	-32.68	-13.00	V
17510.63	-40.82	2.90	12.80	-30.92	-13.00	V
17530.63	-40.29	2.90	12.80	-30.39	-13.00	H
17769.38	-40.63	3.60	12.80	-31.43	-13.00	H

LTE Band 25, 1.4MHz, 16QAM, Channel 26047

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16982.50	-45.85	2.90	16.50	-32.25	-13.00	H
17113.75	-44.01	2.90	14.50	-32.41	-13.00	V
17354.38	-43.72	3.20	14.50	-32.42	-13.00	V
17514.38	-39.73	2.90	12.80	-29.83	-13.00	H
17625.00	-40.28	3.30	12.80	-30.78	-13.00	H
17776.88	-39.90	3.60	12.80	-30.70	-13.00	H

LTE Band 25, 1.4MHz, 16QAM, Channel 26365

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16999.38	-45.41	2.90	16.50	-31.81	-13.00	H
17180.00	-43.77	2.90	14.50	-32.17	-13.00	V
17346.25	-43.75	3.20	14.50	-32.45	-13.00	V
17463.13	-42.59	2.90	14.50	-30.99	-13.00	H
17564.38	-40.05	3.30	12.80	-30.55	-13.00	H
17829.38	-40.64	3.60	12.80	-31.44	-13.00	H

LTE Band 25, 1.4MHz, 16QAM, Channel 26683

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
17004.38	-43.71	2.90	14.50	-32.11	-13.00	H
17132.50	-44.33	2.90	14.50	-32.73	-13.00	H
17227.50	-42.80	3.20	14.50	-31.50	-13.00	V
17522.50	-40.70	2.90	12.80	-30.80	-13.00	V
17616.88	-40.51	3.30	12.80	-31.01	-13.00	H
17707.50	-41.12	3.30	12.80	-31.62	-13.00	H

LTE Band 25, 1.4MHz, 64QAM, Channel 26047

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16966.88	-45.81	2.90	16.50	-32.21	-13.00	V
17180.63	-44.26	2.90	14.50	-32.66	-13.00	H
17272.50	-43.71	3.20	14.50	-32.41	-13.00	V
17456.88	-41.83	2.90	14.50	-30.23	-13.00	H
17624.38	-39.92	3.30	12.80	-30.42	-13.00	H
17806.25	-40.85	3.60	12.80	-31.65	-13.00	H

LTE Band 25, 1.4MHz, 64QAM, Channel 26365

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16992.50	-45.26	2.90	16.50	-31.66	-13.00	V
17208.75	-43.67	2.90	14.50	-32.07	-13.00	V
17280.00	-44.00	3.20	14.50	-32.70	-13.00	V
17507.50	-40.03	2.90	12.80	-30.13	-13.00	V
17576.25	-40.34	3.30	12.80	-30.84	-13.00	H
17839.38	-40.02	3.60	12.80	-30.82	-13.00	H

LTE Band 25, 1.4MHz, 64QAM, Channel 26683

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16978.13	-44.59	2.90	16.50	-30.99	-13.00	H
17178.75	-44.20	2.90	14.50	-32.60	-13.00	H
17275.63	-43.50	3.20	14.50	-32.20	-13.00	V
17446.88	-42.26	2.90	14.50	-30.66	-13.00	H
17580.00	-40.39	3.30	12.80	-30.89	-13.00	H
17816.88	-40.77	3.60	12.80	-31.57	-13.00	H

Note: The maximum value of expanded measurement uncertainty for this test item is $U = 2.90\text{dB}(30\text{MHz}-3\text{GHz})/3.50\text{dB}(3\text{GHz}-18\text{GHz})/3.90\text{dB}(18\text{GHz}-40\text{GHz})$, $k = 2$

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
2468.55	-46.70	0.90	9.80	-39.95	-13.00	H
7468.50	-51.17	1.90	12.00	-43.22	-13.00	V
8459.63	-51.22	1.80	11.30	-43.87	-13.00	H
9095.38	-50.78	2.20	11.60	-43.53	-13.00	V
9299.25	-50.11	2.00	11.60	-42.66	-13.00	V
9472.13	-51.31	2.10	11.60	-43.96	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8478.38	-52.42	1.80	11.30	-45.07	-13.00	H
9101.00	-51.07	2.20	11.60	-43.82	-13.00	V
9301.50	-50.23	2.00	11.60	-42.78	-13.00	H
9474.50	-50.80	2.10	11.60	-43.45	-13.00	H
9721.38	-50.31	2.20	11.20	-43.46	-13.00	V
9786.75	-51.46	2.30	11.20	-44.71	-13.00	H

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7323.75	-52.65	1.70	12.00	-44.50	-13.00	H
7887.75	-52.02	1.70	11.30	-44.57	-13.00	V
9102.13	-51.55	2.20	11.60	-44.30	-13.00	H
9303.63	-49.80	2.00	11.60	-42.35	-13.00	V
9472.75	-51.10	2.10	11.60	-43.75	-13.00	V
9755.00	-50.74	2.20	11.20	-43.89	-13.00	H

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
2469.00	-48.99	0.90	9.80	-42.24	-13.00	H
8469.00	-49.96	1.80	11.30	-42.61	-13.00	V
9098.13	-51.34	2.20	11.60	-44.09	-13.00	V
9305.25	-50.45	2.00	11.60	-43.00	-13.00	V
9475.00	-51.06	2.10	11.60	-43.71	-13.00	V
9744.63	-49.36	2.20	11.20	-42.51	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8380.50	-52.39	1.80	11.30	-45.04	-13.00	V
9096.50	-51.29	2.20	11.60	-44.04	-13.00	H
9298.88	-50.44	2.00	11.60	-42.99	-13.00	H
9473.63	-50.12	2.10	11.60	-42.77	-13.00	V
9737.00	-51.13	2.20	11.20	-44.28	-13.00	V
9800.75	-50.99	2.30	11.20	-44.24	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7215.38	-52.75	1.80	12.00	-44.70	-13.00	H
8384.63	-52.12	1.80	11.30	-44.77	-13.00	H
9106.25	-51.27	2.20	11.60	-44.02	-13.00	H
9300.38	-50.41	2.00	11.60	-42.96	-13.00	H
9479.00	-51.08	2.10	11.60	-43.73	-13.00	V
9679.75	-51.04	2.20	11.20	-44.19	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
2468.50	-47.93	0.90	9.80	-41.18	-13.00	H
8468.50	-52.32	1.80	11.30	-44.97	-13.00	H
9106.13	-51.53	2.20	11.60	-44.28	-13.00	H
9297.38	-50.78	2.00	11.60	-43.33	-13.00	V
9476.38	-50.93	2.10	11.60	-43.58	-13.00	V
9713.88	-50.18	2.20	11.20	-43.33	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8443.50	-52.44	1.80	11.30	-45.09	-13.00	V
9102.25	-51.95	2.20	11.60	-44.70	-13.00	V
9223.63	-50.31	2.10	11.60	-42.96	-13.00	V
9476.75	-50.93	2.10	11.60	-43.58	-13.00	V
9748.63	-50.91	2.20	11.20	-44.06	-13.00	H
9792.25	-51.50	2.30	11.20	-44.75	-13.00	H

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
8472.75	-52.10	1.80	11.30	-44.75	-13.00	H
9099.50	-51.72	2.20	11.60	-44.47	-13.00	V
9224.00	-50.38	2.10	11.60	-43.03	-13.00	H
9477.63	-49.86	2.10	11.60	-42.51	-13.00	H
9717.38	-50.20	2.20	11.20	-43.35	-13.00	V
9792.50	-51.14	2.30	11.20	-44.39	-13.00	V

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

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
2543.50	-34.89	0.90	10.70	-27.24	-13.00	V
8359.50	-51.92	1.80	11.30	-44.57	-13.00	H
9102.00	-50.36	2.20	11.60	-43.11	-13.00	V
9298.50	-51.05	2.00	11.60	-43.60	-13.00	H
9476.00	-51.12	2.10	11.60	-43.77	-13.00	H
9737.13	-50.77	2.20	11.20	-43.92	-13.00	H

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
2508.00	-33.01	0.90	10.70	-25.36	-13.00	H
9100.88	-51.49	2.20	11.60	-44.24	-13.00	V
9300.00	-50.74	2.00	11.60	-43.29	-13.00	V
9476.63	-49.34	2.10	11.60	-41.99	-13.00	H
9762.50	-50.81	2.20	11.20	-43.96	-13.00	V
9799.00	-50.43	2.30	11.20	-43.68	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
2473.00	-44.64	0.90	9.80	-37.89	-13.00	H
8473.00	-51.69	1.80	11.30	-44.34	-13.00	V
9096.88	-51.34	2.20	11.60	-44.09	-13.00	V
9302.50	-50.61	2.00	11.60	-43.16	-13.00	H
9474.38	-51.04	2.10	11.60	-43.69	-13.00	V
9728.25	-51.09	2.20	11.20	-44.24	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
2543.50	-35.37	0.90	10.70	-27.72	-13.00	H
8848.88	-52.81	1.90	12.00	-44.86	-13.00	H
9098.25	-52.08	2.20	11.60	-44.83	-13.00	V
9228.13	-50.34	2.10	11.60	-42.99	-13.00	V
9476.75	-50.91	2.10	11.60	-43.56	-13.00	H
9740.13	-50.74	2.20	11.20	-43.89	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
2508.50	-34.65	0.90	10.70	-27.00	-13.00	H
8382.75	-52.25	1.80	11.30	-44.90	-13.00	V
9099.38	-51.48	2.20	11.60	-44.23	-13.00	V
9300.25	-50.49	2.00	11.60	-43.04	-13.00	H
9426.88	-50.86	2.10	11.60	-43.51	-13.00	V
9734.63	-50.56	2.20	11.20	-43.71	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
2473.50	-44.83	0.90	9.80	-38.08	-13.00	V
8473.00	-50.74	1.80	11.30	-43.39	-13.00	V
9105.50	-51.21	2.20	11.60	-43.96	-13.00	H
9225.13	-50.57	2.10	11.60	-43.22	-13.00	V
9475.13	-51.08	2.10	11.60	-43.73	-13.00	V
9744.63	-50.24	2.20	11.20	-43.39	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
2543.50	-35.68	0.90	10.70	-28.03	-13.00	H
8489.63	-52.36	1.80	11.30	-45.01	-13.00	V
9104.50	-51.13	2.20	11.60	-43.88	-13.00	H
9298.75	-50.15	2.00	11.60	-42.70	-13.00	H
9474.50	-51.02	2.10	11.60	-43.67	-13.00	V
9757.88	-51.07	2.20	11.20	-44.22	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
2508.00	-35.52	0.90	10.70	-27.87	-13.00	H
8457.00	-52.21	1.80	11.30	-44.86	-13.00	H
9103.38	-51.56	2.20	11.60	-44.31	-13.00	H
9298.38	-50.41	2.00	11.60	-42.96	-13.00	H
9475.75	-50.85	2.10	11.60	-43.50	-13.00	V
9747.75	-51.09	2.20	11.20	-44.24	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
2472.50	-45.29	0.90	9.80	-38.54	-13.00	H
8473.50	-41.39	1.80	11.30	-34.04	-13.00	V
9110.88	-51.51	2.10	11.60	-44.16	-13.00	H
9300.63	-50.33	2.00	11.60	-42.88	-13.00	H
9472.75	-51.27	2.10	11.60	-43.92	-13.00	V
9745.50	-50.49	2.20	11.20	-43.64	-13.00	V

Note: The maximum value of expanded measurement uncertainty for this test item is $U = 2.90\text{dB}(30\text{MHz}-3\text{GHz})/3.50\text{dB}(3\text{GHz}-18\text{GHz})/3.90\text{dB}(18\text{GHz}-40\text{GHz})$, $k = 2$

LTE Band 41, 5MHz, QPSK, Channel 40165

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16963.13	-50.28	2.90	16.50	-36.68	-25.00	V
17138.75	-48.27	2.90	14.50	-36.67	-25.00	V
17340.63	-47.54	3.20	14.50	-36.24	-25.00	V
17523.75	-46.05	2.90	12.80	-36.15	-25.00	V
17529.38	-46.66	2.90	12.80	-36.76	-25.00	V
17831.25	-45.07	3.60	12.80	-35.87	-25.00	V

LTE Band 41, 5MHz, QPSK, Channel 40690

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16995.63	-50.33	2.90	16.50	-36.73	-25.00	V
17122.50	-47.66	2.90	14.50	-36.06	-25.00	H
17255.63	-47.87	3.20	14.50	-36.57	-25.00	V
17508.13	-46.45	2.90	12.80	-36.55	-25.00	H
17540.63	-46.39	2.90	12.80	-36.49	-25.00	V
17828.13	-45.77	3.60	12.80	-36.57	-25.00	V

LTE Band 41, 5MHz, QPSK, Channel 41215

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16932.50	-50.30	2.90	16.50	-36.70	-25.00	H
17120.63	-47.53	2.90	14.50	-35.93	-25.00	H
17294.38	-47.85	3.20	14.50	-36.55	-25.00	V
17505.00	-46.25	2.90	12.80	-36.35	-25.00	H
17553.13	-46.40	2.90	12.80	-36.50	-25.00	V
17825.00	-45.81	3.60	12.80	-36.61	-25.00	H

LTE Band 41, 5MHz, 16QAM, Channel 40165

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16985.00	-49.59	2.90	16.50	-35.99	-25.00	V
17100.00	-48.32	2.90	14.50	-36.72	-25.00	V
17294.38	-47.98	3.20	14.50	-36.68	-25.00	V
17455.63	-48.31	2.90	14.50	-36.71	-25.00	V
17527.50	-45.87	2.90	12.80	-35.97	-25.00	V
17834.38	-45.36	3.60	12.80	-36.16	-25.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16938.75	-50.48	2.90	16.50	-36.88	-25.00	V
17130.00	-47.97	2.90	14.50	-36.37	-25.00	V
17306.25	-47.91	3.20	14.50	-36.61	-25.00	H
17509.38	-46.41	2.90	12.80	-36.51	-25.00	V
17588.75	-45.87	3.30	12.80	-36.37	-25.00	V
17775.63	-46.13	3.60	12.80	-36.93	-25.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16941.88	-49.91	2.90	16.50	-36.31	-25.00	V
17120.00	-47.89	2.90	14.50	-36.29	-25.00	H
17292.50	-47.38	3.20	14.50	-36.08	-25.00	V
17513.75	-46.61	2.90	12.80	-36.71	-25.00	H
17618.13	-46.33	3.30	12.80	-36.83	-25.00	V
17831.88	-45.83	3.60	12.80	-36.63	-25.00	H

LTE Band 41, 5MHz, 64QAM, Channel 40165

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16988.75	-49.93	2.90	16.50	-36.33	-25.00	H
17210.00	-48.16	2.90	14.50	-36.56	-25.00	V
17320.00	-47.99	3.20	14.50	-36.69	-25.00	H
17524.38	-46.42	2.90	12.80	-36.52	-25.00	H
17625.63	-45.83	3.30	12.80	-36.33	-25.00	H
17826.25	-45.65	3.60	12.80	-36.45	-25.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16939.38	-50.52	2.90	16.50	-36.92	-25.00	V
17197.50	-47.59	2.90	14.50	-35.99	-25.00	V
17300.00	-48.05	3.20	14.50	-36.75	-25.00	H
17438.13	-48.42	2.90	14.50	-36.82	-25.00	H
17588.75	-46.33	3.30	12.80	-36.83	-25.00	V
17835.63	-46.04	3.60	12.80	-36.84	-25.00	H

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16892.50	-50.45	2.90	16.50	-36.85	-25.00	H
16978.75	-50.04	2.90	16.50	-36.44	-25.00	V
17233.75	-47.47	3.20	14.50	-36.17	-25.00	V
17457.50	-48.24	2.90	14.50	-36.64	-25.00	H
17583.75	-45.89	3.30	12.80	-36.39	-25.00	H
17840.00	-45.92	3.60	12.80	-36.72	-25.00	V

Note: The maximum value of expanded measurement uncertainty for this test item is $U = 2.90\text{dB}(30\text{MHz}-3\text{GHz})/3.50\text{dB}(3\text{GHz}-18\text{GHz})/3.90\text{dB}(18\text{GHz}-40\text{GHz})$, $k = 2$

LTE Band 66, 1.4MHz, QPSK, Channel 131979

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16981.25	-45.23	2.90	16.50	-31.63	-13.00	V
17183.13	-44.45	2.90	14.50	-32.85	-13.00	V
17365.63	-43.25	3.20	14.50	-31.95	-13.00	H
17443.13	-42.58	2.90	14.50	-30.98	-13.00	H
17592.50	-40.37	3.30	12.80	-30.87	-13.00	H
17775.63	-40.16	3.60	12.80	-30.96	-13.00	V

LTE Band 66, 1.4MHz, QPSK, Channel 132322

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16935.00	-46.16	2.90	16.50	-32.56	-13.00	H
17123.75	-44.18	2.90	14.50	-32.58	-13.00	V
17291.88	-43.73	3.20	14.50	-32.43	-13.00	H
17462.50	-42.10	2.90	14.50	-30.50	-13.00	H
17593.75	-39.89	3.30	12.80	-30.39	-13.00	V
17835.63	-40.53	3.60	12.80	-31.33	-13.00	V

LTE Band 66, 1.4MHz, QPSK, Channel 132665

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16990.63	-45.19	2.90	16.50	-31.59	-13.00	V
17113.75	-44.41	2.90	14.50	-32.81	-13.00	V
17320.63	-43.92	3.20	14.50	-32.62	-13.00	H
17519.38	-39.16	2.90	12.80	-29.26	-13.00	H
17595.63	-39.92	3.30	12.80	-30.42	-13.00	H
17840.00	-40.40	3.60	12.80	-31.20	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16966.88	-44.43	2.90	16.50	-30.83	-13.00	V
17129.38	-44.30	2.90	14.50	-32.70	-13.00	H
17338.13	-43.36	3.20	14.50	-32.06	-13.00	V
17456.88	-42.53	2.90	14.50	-30.93	-13.00	H
17531.88	-39.99	2.90	12.80	-30.09	-13.00	H
17779.38	-40.46	3.60	12.80	-31.26	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16477.50	-47.55	2.70	17.40	-32.85	-13.00	V
16947.50	-46.07	2.90	16.50	-32.47	-13.00	H
17240.00	-43.51	3.20	14.50	-32.21	-13.00	H
17508.13	-41.11	2.90	12.80	-31.21	-13.00	H
17590.00	-39.91	3.30	12.80	-30.41	-13.00	V
17825.63	-40.39	3.60	12.80	-31.19	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16966.88	-45.36	2.90	16.50	-31.76	-13.00	V
17184.38	-44.41	2.90	14.50	-32.81	-13.00	V
17301.25	-43.44	3.20	14.50	-32.14	-13.00	H
17523.13	-40.68	2.90	12.80	-30.78	-13.00	H
17640.63	-39.96	3.30	12.80	-30.46	-13.00	V
17835.63	-40.44	3.60	12.80	-31.24	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16955.63	-46.12	2.90	16.50	-32.52	-13.00	V
17213.13	-43.60	2.90	14.50	-32.00	-13.00	H
17226.88	-43.22	3.20	14.50	-31.92	-13.00	V
17502.50	-39.94	2.90	12.80	-30.04	-13.00	H
17619.38	-40.02	3.30	12.80	-30.52	-13.00	H
17703.75	-40.49	3.30	12.80	-30.99	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16959.38	-44.64	2.90	16.50	-31.04	-13.00	V
17198.75	-43.68	2.90	14.50	-32.08	-13.00	H
17346.88	-43.03	3.20	14.50	-31.73	-13.00	H
17523.13	-40.83	2.90	12.80	-30.93	-13.00	H
17528.75	-39.93	2.90	12.80	-30.03	-13.00	V
17763.13	-39.62	3.60	12.80	-30.42	-13.00	V

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

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak EIRP(dBm)	Limit(dBm)	Polarization
16998.13	-45.61	2.90	16.50	-32.01	-13.00	V
17183.75	-44.09	2.90	14.50	-32.49	-13.00	V
17218.75	-43.36	3.20	14.50	-32.06	-13.00	H
17458.75	-41.54	2.90	14.50	-29.94	-13.00	H
17588.75	-40.17	3.30	12.80	-30.67	-13.00	V
17837.50	-40.73	3.60	12.80	-31.53	-13.00	V

Note: The maximum value of expanded measurement uncertainty for this test item is $U = 2.90\text{dB}(30\text{MHz}-3\text{GHz})/3.50\text{dB}(3\text{GHz}-18\text{GHz})/3.90\text{dB}(18\text{GHz}-40\text{GHz})$, $k = 2$

LTE Band 71, 5MHz, QPSK, Channel 133147

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8433.00	-51.79	1.80	11.30	-44.44	-25.00	V
9105.63	-51.61	2.20	11.60	-44.36	-25.00	V
9299.13	-50.85	2.00	11.60	-43.40	-25.00	V
9470.63	-51.50	2.10	11.60	-44.15	-25.00	V
9740.63	-50.85	2.20	11.20	-44.00	-25.00	V
9787.13	-51.25	2.30	11.20	-44.50	-25.00	V

LTE Band 71, 5MHz, QPSK, Channel 133297

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
2713.50	-44.40	1.00	10.70	-36.85	-25.00	V
8429.63	-52.08	1.80	11.30	-44.73	-25.00	H
9099.75	-51.91	2.20	11.60	-44.66	-25.00	V
9302.88	-51.09	2.00	11.60	-43.64	-25.00	H
9475.00	-50.84	2.10	11.60	-43.49	-25.00	V
9751.63	-51.20	2.20	11.20	-44.35	-25.00	V

LTE Band 71, 5MHz, QPSK, Channel 133447

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8468.25	-51.79	1.80	11.30	-44.44	-25.00	H
9100.75	-51.20	2.20	11.60	-43.95	-25.00	H
9225.25	-50.33	2.10	11.60	-42.98	-25.00	V
9480.63	-50.75	2.10	11.60	-43.40	-25.00	H
9724.25	-50.96	2.20	11.20	-44.11	-25.00	V
9802.63	-51.20	2.30	11.20	-44.45	-25.00	H

LTE Band 71, 5MHz, 16QAM, Channel 133147

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
8429.63	-52.43	1.80	11.30	-45.08	-25.00	V
9097.38	-51.88	2.20	11.60	-44.63	-25.00	V
9225.13	-50.67	2.10	11.60	-43.32	-25.00	V
9474.25	-50.79	2.10	11.60	-43.44	-25.00	V
9727.25	-50.95	2.20	11.20	-44.10	-25.00	V
9936.50	-51.45	2.20	11.20	-44.60	-25.00	V

LTE Band 71, 5MHz, 16QAM, Channel 133297

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
2713.50	-45.34	1.00	10.70	-37.79	-25.00	V
7207.88	-53.01	1.80	12.00	-44.96	-25.00	H
9103.25	-51.56	2.20	11.60	-44.31	-25.00	V
9300.00	-50.20	2.00	11.60	-42.75	-25.00	H
9472.88	-50.82	2.10	11.60	-43.47	-25.00	V
9727.38	-50.71	2.20	11.20	-43.86	-25.00	V

LTE Band 71, 5MHz, 16QAM, Channel 133447

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
7198.50	-52.54	1.80	12.00	-44.49	-25.00	H
8466.75	-52.08	1.80	11.30	-44.73	-25.00	H
9103.13	-51.84	2.20	11.60	-44.59	-25.00	V
9308.63	-50.45	2.00	11.60	-43.00	-25.00	H
9467.00	-49.85	2.10	11.60	-42.50	-25.00	V
9729.50	-51.21	2.20	11.20	-44.36	-25.00	H

LTE Band 71, 5MHz, 64QAM, Channel 133147

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
7317.75	-53.05	1.70	12.00	-44.90	-25.00	V
9093.75	-51.20	2.20	11.60	-43.95	-25.00	V
9292.63	-50.67	2.00	11.60	-43.22	-25.00	V
9471.75	-51.28	2.10	11.60	-43.93	-25.00	V
9729.00	-51.01	2.20	11.20	-44.16	-25.00	V
9925.38	-51.42	2.20	11.20	-44.57	-25.00	V

LTE Band 71, 5MHz, 64QAM, Channel 133297

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
2713.50	-46.42	1.00	10.70	-38.87	-25.00	V
9087.50	-52.23	2.20	11.60	-44.98	-25.00	H
9306.25	-50.46	2.00	11.60	-43.01	-25.00	V
9474.25	-51.41	2.10	11.60	-44.06	-25.00	H
9743.13	-51.64	2.20	11.20	-44.79	-25.00	V
9935.38	-51.17	2.20	11.20	-44.32	-25.00	V

LTE Band 71, 5MHz, 64QAM, Channel 133447

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain(dBi)	Peak ERP(dBm)	Limit(dBm)	Polarization
7207.88	-52.34	1.80	12.00	-44.29	-25.00	H
8525.63	-52.17	2.10	12.00	-44.42	-25.00	H
9104.63	-51.05	2.20	11.60	-43.80	-25.00	V
9299.00	-50.48	2.00	11.60	-43.03	-25.00	H
9474.88	-51.06	2.10	11.60	-43.71	-25.00	V
9735.88	-51.32	2.20	11.20	-44.47	-25.00	H

Note: The maximum value of expanded measurement uncertainty for this test item is $U = 2.90\text{dB}(30\text{MHz}-3\text{GHz})/3.50\text{dB}(3\text{GHz}-18\text{GHz})/3.90\text{dB}(18\text{GHz}-40\text{GHz})$, $k = 2$

Worst case measurement results from variant model T609J
LTE Band 7, 5MHz, QPSK, Channel 20775

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
4999.02	-58.91	6.60	9.90	-55.61	-25.00	30.61	H
7488.01	-54.05	8.36	12.19	-50.22	-25.00	25.22	V
10029.01	-53.57	9.26	12.91	-49.92	-25.00	24.92	V
12514.01	-47.79	10.21	13.21	-44.79	-25.00	19.79	H
15015.00	-42.81	11.24	13.99	-40.06	-25.00	15.06	H
17536.00	-39.57	12.86	14.95	-37.48	-25.00	12.48	H

LTE Band 7, 5MHz, QPSK, Channel 21100

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
5065.02	-58.57	6.67	9.99	-55.25	-25.00	30.25	H
7611.01	-54.17	8.02	12.29	-49.90	-25.00	24.90	V
10126.01	-53.90	9.42	12.95	-50.37	-25.00	25.37	H
12689.01	-48.58	10.32	13.31	-45.59	-25.00	20.59	V
15211.00	-44.66	11.39	13.87	-42.18	-25.00	17.18	V
17743.00	-40.55	12.42	15.24	-37.73	-25.00	12.73	V

LTE Band 7, 5MHz, QPSK, Channel 21425

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
5115.02	-59.38	6.81	10.06	-56.13	-25.00	31.13	V
7719.01	-55.41	8.40	12.38	-51.43	-25.00	26.43	V
10288.01	-51.74	9.60	13.02	-48.32	-25.00	23.32	V
12824.01	-47.75	10.70	13.39	-45.06	-25.00	20.06	H
15411.00	-44.30	11.41	13.75	-41.96	-25.00	16.96	H
17985.00	-40.77	12.90	15.58	-38.09	-25.00	13.09	H

LTE Band 41, 5MHz, QPSK, Channel 39675

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
4995.02	-60.10	6.61	9.90	-56.81	-25.00	31.81	V
7498.01	-54.36	8.39	12.20	-50.55	-25.00	25.55	H
9997.01	-54.14	9.18	12.90	-50.42	-25.00	25.42	H
12495.01	-48.94	10.19	13.20	-45.93	-25.00	20.93	H
14994.00	-43.47	11.21	14.00	-40.68	-25.00	15.68	V
17485.00	-39.84	12.69	14.87	-37.66	-25.00	12.66	H

LTE Band 41, 5MHz, QPSK, Channel 40620

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
5159.02	-58.91	6.90	10.12	-55.69	-25.00	30.69	V
7753.01	-55.39	8.35	12.40	-51.34	-25.00	26.34	H
10390.01	-51.13	9.79	13.06	-47.86	-25.00	22.86	V
11686.01	-49.25	9.64	13.06	-45.83	-25.00	20.83	H
15531.00	-43.82	11.52	13.70	-41.64	-25.00	16.64	H
16828.00	-39.26	12.08	13.73	-37.61	-25.00	12.61	H

LTE Band 41, 5MHz, QPSK, Channel 41565

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
5386.02	-60.51	6.86	10.44	-56.93	-25.00	31.93	V
6732.02	-55.26	7.98	11.28	-51.96	-25.00	26.96	H
9408.01	-53.89	9.08	13.34	-49.63	-25.00	24.63	H
10730.01	-50.43	9.38	13.15	-46.66	-25.00	21.66	V
12096.01	-48.56	10.34	13.04	-45.86	-25.00	20.86	H
16126.00	-42.51	11.82	13.67	-40.66	-25.00	15.66	H

END OF REPORT