



TEST REPORT

No. I22Z60151-EMC10

for

Honor Device Co., Ltd.

Smart Phone

Model Name: LGE-NX9

With

FCC ID: 2AYGCLGE-NX9

Hardware Version: HN1LGEHM

Software Version: 6.0.0.108(C900E103R1P3)

Issued Date: 2022-04-20

Note:

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Test Laboratory:

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REPORT HISTORY

Report Number	Revision	Description	Issue Date
I22Z60151-EMC10	Rev.0	1 st edition	2022-04-18
I22Z60151-EMC10	Rev.0	2 nd edition	2022-04-20

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 ISCED 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℃

Relative Humidity: 20-75%

1.4. Project Data

Testing Start Date: 2022-02-01

Testing End Date: 2022-03-29

1.5. Signature



An Hui

(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: Honor Device Co., Ltd.
Address /Post: Shum Yip Sky Park, No. 8089, Hongli West Road, Shenzhen, China
Contact /
Email: /
Telephone: /

2.2. Manufacturer Information

Company Name: Honor Device Co., Ltd.
Address /Post: Shum Yip Sky Park, No. 8089, Hongli West Road, Shenzhen, China
Contact /
Email: /
Telephone: /

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

3.1. About EUT

Description	Smart Phone
Model Name	LGE-NX9
FCC ID	2AYGCLGE-NX9

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	867843050022982/867843050024483	HN1LGEHM	6.0.0.108(C900E103R1P3)
EUT2	867843050057012/867843050058119	HN1LGEHM	6.0.0.108(C900E103R1P3)

*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	SN	Note
AE1-1	Adapter	0221945	HN-200500E01
AE1-2	Adapter	02221944	HN-200500B01
AE1-3	Adapter	02221943	HN-200500U01
AE2-1	USB Cable	04072296	L125UC008-CS-H
AE2-2	USB Cable	04072296	AU2-CRO015HF
AE2-3	USB Cable	04072296	RY0001
AE3-1	Headset	22040347	1331-3301-6001-TC-347
AE4-1	Battery	2402AAAD	HB586680EFW
AE4-2	Battery	2402AAAD	HB586680EFW
AE5-1	Wireless Charging	99059XEN	Power-W06

*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.2-1	EUT1+ AE1-3+ AE2-1	EUT1
Set.2-2	EUT2+ AE1-3+ AE2-2/AE2-3	EUT2

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
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

5. Laboratory Environment

Semi-anechoic chamber (22.6 meters × 13.6 meters × 11.0 meters) 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 Ω
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 2

Items	Test Name	Clause in FCC rules	Verdict
1	Emission Limit	2.1051/24.238	P

LTE Band 4

Items	Test Name	Clause in FCC rules	Verdict
1	Emission Limit	2.1051/27.53	P

LTE Band 5

Items	Test Name	Clause in FCC rules	Verdict
1	Emission Limit	2.1051/22.917	P

LTE Band 7

Items	Test Name	Clause in FCC rules	Verdict
1	Emission Limit	2.1051/27.53	P

LTE Band 12

Items	Test Name	Clause in FCC rules	Verdict
1	Emission Limit	2.1051/27.53	P

LTE Band 13

Items	Test Name	Clause in FCC rules	Verdict
1	Emission Limit	2.1051/27.53	P

LTE Band 17

Items	Test Name	Clause in FCC rules	Verdict
1	Emission Limit	2.1051/27.53	P

LTE Band 25

Items	Test Name	Clause in FCC rules	Verdict
1	Emission Limit	2.1051/24.238	P

LTE Band 26(814MHz~824MHz)

Items	Test Name	Clause in FCC rules	Verdict
1	Emission Limit	2.1051/90.691	P

LTE Band 26(824MHz~849MHz)

Items	Test Name	Clause in FCC rules	Verdict
1	Emission Limit	2.1051/22.917	P

LTE Band 38

Items	Test Name	Clause in FCC rules	Verdict
1	Emission Limit	2.1051/27.53	P

LTE Band 41

Items	Test Name	Clause in FCC rules	Verdict
1	Emission Limit	2.1051/27.53	P

LTE Band 66

Items	Test Name	Clause in FCC rules	Verdict
1	Emission Limit	2.1051/27.53	P

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.

7. Test Equipments Utilized

Description	Type	Series Number	Manufacture	Cal Due Date	Calibration Interval
Universal Radio Communication Tester	CMW500	143008	R&S	2022-12-01	1 year
Universal Radio Communication Tester	MT8821C	6262257899	Anritsu	2022-05-06	1 year
Spectrum Analyzer	FSV40	101047	R&S	2022-06-02	1 year
Spectrum Analyzer	FSV30	10301525	R&S	2022-06-02	1 year
Semi-anechoic chamber	FACT10-3.0	/	ETS	2024-03-25	3 years
EMI Antenna	VULB9163	9163-235	Schwarzbeck	2022-04-07	1 year
EMI Antenna	3115	6914	ETS-Lindgren	2023-01-19	1 year
EMI Antenna	3116	2663	ETS-Lindgren	2022-08-10	1 year
EMI Antenna	3117	00058889	ETS-Lindgren	2022-11-07	1 year
H-field Antenna	HFH2-Z2	829324/007	R&S	2022-12-23	1 year
Signal Generator	N5183A	MY49060052	Agilent	2022-07-11	1 year

Annex A: Measurement Results-Emission Limit

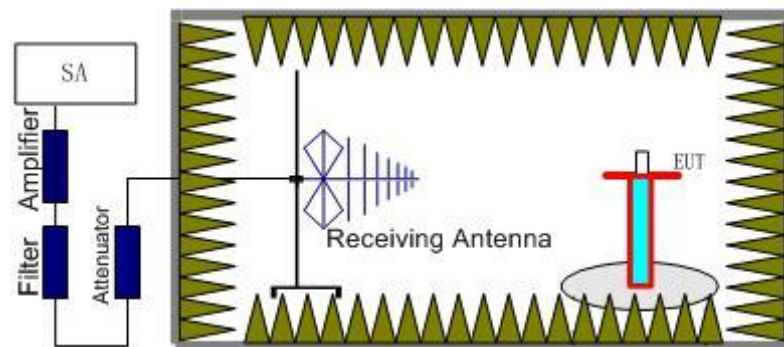
A.1 Measurement Method

The measurement procedures in TIA-603E-2016 are used.

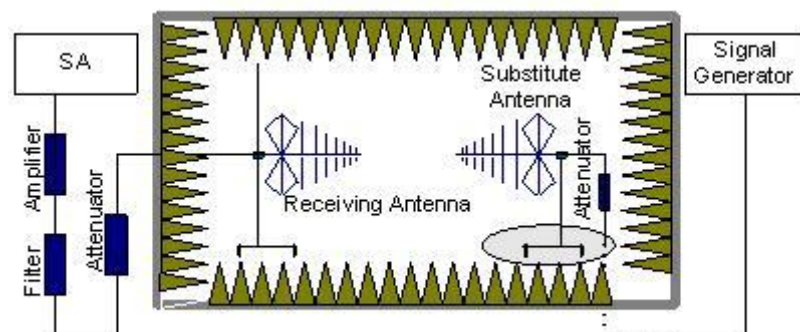
The spectrum was scanned from 9 kHz to the 10th harmonic of the highest frequency generated within the equipment, which is the transmitted carrier. The resolution bandwidth is set 1MHz. The spectrum was scanned with the mobile station transmitting at carrier frequencies that pertain to low, mid and high 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 (P_r).
3. The EUT shall be replaced by a substitution antenna. The test setup refers to figure below.



In the chamber, a substitution antenna for the frequency band of interest is placed at the reference point of the chamber. An RF Signal source for the frequency band of interest is connected to the substitution antenna with a cable that has been constructed to not interfere with the radiation pattern of the antenna. A power (P_{Mea}) is applied to the input of the

substitution antenna and adjusts the level of the signal generator output until the value of the receiver 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. 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.

A 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 (2.15 dBi) and known input power.
6. ERP can be calculated from EIRP by subtracting the gain of the dipole, $ERP = EIRP - 2.15\text{dBi}$.

A.2 Measurement Limit

FDD Band 2: 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 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.

FDD Band 5 (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 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 that $43 + 10 \log(P)$ 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 12/17: 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.

LTE Band 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.

LTE Band 26(814MHz~824MHz): Part 90.691 states that out-of-band emission requirement shall apply only to the “outer” channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows: For any frequency removed from the EA licensee’s frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $116 \log_{10}(f/6.1)$ decibels or $50 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz. For any frequency removed from the EA licensee’s frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

LTE Band 26/Band 19(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.

A.3 Sweep Table

Working Frequency	Subrange (GHz)	RBW	VBW
LTE Band 2,LTE Band 4, LTE Band 5,LTE Band 7, LTE Band 7C,LTE Band 12, LTE Band 13,LTE Band 17, LTE Band 25,LTE Band 26, LTE Band 38,LTE Band 38C, LTE Band 41,LTE Band 41C, LTE Band 66,LTE Band 66C	0.0000009-0.000015	0.2kHz	0.6kHz
	0.000015-0.03	9kHz	27kHz
	0.03~1	100kHz	300kHz
	1-40	1 MHz	3 MHz

A.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.

All mode of operation were investigated and the worst case configuration results are reported in this section.

The range of evaluated frequency is from 9 kHz to the tenth harmonic of the highest fundamental frequency or to 40 GHz(chose the lower). Measurement value show only up to 6 maximum emissions noted.

Test combination

Band	ANT NO.	Result
2	ANT 1, ANT 2	Pass
4	ANT 1, ANT 2	Pass
5	ANT 0, ANT 3	Pass
7	ANT 1, ANT 2, ANT 4	Pass
7C	ANT 1, ANT 2, ANT 4	Pass
12	ANT 0, ANT 3	Pass
13	ANT 0, ANT 3	Pass
17	ANT 0, ANT 3	Pass
25	ANT 1, ANT 2	Pass
26 (814MHz~824MHz)	ANT 0, ANT 3	Pass
26 (824MHz~849MHz)	ANT 0, ANT 3	Pass
38	ANT 1, ANT 2	Pass
38C	ANT 1, ANT 2	Pass
40C	ANT 1, ANT 2	Pass
41(HPUE)	ANT 1, ANT 2	Pass
41C(HPUE)	ANT 1, ANT 2	Pass
66	ANT 1, ANT 2	Pass
66C	ANT 1, ANT 2	Pass

*For the test results,the combination in the above table had been tested.But only the worst cases were shown in test report.

A.4 Measurement Results Table

Set.2-1, ANT 1

LTE Band 2, 1.4MHz, QPSK, Channel 18607

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3750.02	-58.83	6.29	8.55	-56.57	-13.00	43.57	H
5583.02	-58.05	7.22	10.58	-54.69	-13.00	41.69	V
7379.01	-53.26	8.11	12.05	-49.32	-13.00	36.32	V
9255.01	-51.80	9.05	13.25	-47.60	-13.00	34.60	H
11092.01	-49.51	9.85	13.18	-46.18	-13.00	33.18	H
12960.01	-46.61	10.48	13.48	-43.61	-13.00	30.61	V

LTE Band 2, 1.4MHz, QPSK, Channel 18900

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3747.02	-59.13	6.30	8.55	-56.88	-13.00	43.88	V
5619.02	-58.23	7.26	10.58	-54.91	-13.00	41.91	H
7482.01	-52.94	8.34	12.18	-49.10	-13.00	36.10	H
9369.01	-52.87	9.07	13.32	-48.62	-13.00	35.62	V
11241.01	-48.53	9.64	13.15	-45.02	-13.00	32.02	H
13137.01	-42.97	10.77	13.69	-40.05	-13.00	27.05	V

LTE Band 2, 1.4MHz, QPSK, Channel 19193

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3779.02	-59.98	6.20	8.59	-57.59	-13.00	44.59	V
5759.02	-57.74	7.25	10.55	-54.44	-13.00	41.44	H
7609.01	-53.92	8.01	12.29	-49.64	-13.00	36.64	V
9550.01	-52.58	9.36	13.35	-48.59	-13.00	35.59	H
11450.01	-48.72	9.94	13.11	-45.55	-13.00	32.55	H
13375.01	-43.83	10.57	14.03	-40.37	-13.00	27.37	H

Note: The measurement results showed here are worst cases.

Set.2-1, ANT 1
LTE Band 4, 1.4MHz, QPSK, Channel 20050

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3420.02	-65.92	5.38	8.01	-63.29	-13.00	50.29	H
5084.02	-68.89	6.73	10.02	-65.60	-13.00	52.60	V
6850.01	-64.63	7.82	11.42	-61.03	-13.00	48.03	V
8591.01	-63.80	8.51	13.02	-59.29	-13.00	46.29	V
10304.01	-60.83	9.65	13.02	-57.46	-13.00	44.46	V
11999.01	-58.08	10.06	13.00	-55.14	-13.00	42.14	V

LTE Band 4, 1.4MHz, QPSK, Channel 20175

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3464.02	-69.41	5.45	8.11	-66.75	-13.00	53.75	H
5148.02	-69.71	6.88	10.11	-66.48	-13.00	53.48	H
6882.01	-64.92	7.78	11.46	-61.24	-13.00	48.24	H
8616.01	-63.99	8.47	13.02	-59.44	-13.00	46.44	V
10443.01	-60.49	9.74	13.08	-57.15	-13.00	44.15	H
12137.01	-58.44	10.24	13.05	-55.63	-13.00	42.63	H

LTE Band 4, 1.4MHz, QPSK, Channel 20300

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3555.02	-70.57	5.87	8.28	-68.16	-13.00	55.16	V
5303.02	-69.49	6.99	10.32	-66.16	-13.00	53.16	V
7003.01	-64.24	8.29	11.60	-60.93	-13.00	47.93	V
8752.01	-63.66	8.52	13.05	-59.13	-13.00	46.13	V
10482.01	-60.50	9.68	13.09	-57.09	-13.00	44.09	V
12253.01	-57.76	10.03	13.10	-54.69	-13.00	41.69	H

Note: The measurement results showed here are worst cases.

Set.2-1, ANT3
LTE Band 5, 5MHz, QPSK, Channel 20425

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
1656.01	-54.39	3.57	5.22	2.15	-54.89	-13.00	41.89	H
2478.00	-47.63	4.60	6.03	2.15	-48.35	-13.00	35.35	V
3311.02	-59.66	5.29	7.75	2.15	-59.35	-13.00	46.35	H
4127.02	-57.31	6.04	9.03	2.15	-56.47	-13.00	43.47	V
4962.01	-56.57	6.67	9.86	2.15	-55.53	-13.00	42.53	H
5773.01	-55.62	7.23	10.55	2.15	-54.45	-13.00	41.45	H

LTE Band 5, 5MHz, QPSK, Channel 20525

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
1681.01	-54.35	3.59	5.17	2.15	-54.92	-13.00	41.92	H
2521.00	-45.83	4.65	6.14	2.15	-46.49	-13.00	33.49	H
3345.02	-59.78	5.31	7.83	2.15	-59.41	-13.00	46.41	V
4190.02	-58.10	6.18	9.09	2.15	-57.34	-13.00	44.34	H
5033.01	-57.58	6.58	9.95	2.15	-56.36	-13.00	43.36	H
5852.01	-57.00	7.24	10.53	2.15	-55.86	-13.00	42.86	H

LTE Band 5, 5MHz, QPSK, Channel 20625

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
1693.01	-54.81	3.59	5.15	2.15	-55.40	-13.00	42.40	V
2548.00	-46.42	4.67	6.19	2.15	-47.05	-13.00	34.05	H
3396.02	-60.18	5.36	7.95	2.15	-59.74	-13.00	46.74	H
4231.02	-57.23	6.26	9.13	2.15	-56.51	-13.00	43.51	H
5067.01	-56.52	6.68	9.99	2.15	-55.36	-13.00	42.36	H
5915.01	-56.00	7.44	10.52	2.15	-55.07	-13.00	42.07	V

Note: The measurement results showed here are worst cases.

Set.2-1, ANT4
LTE Band 7, 5 MHz, QPSK, Channel 20775

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
4989.02	-57.70	6.62	9.89	-54.43	-25.00	29.43	H
7495.01	-54.19	8.38	12.19	-50.38	-25.00	25.38	H
10004.01	-52.94	9.19	12.90	-49.23	-25.00	24.23	H
12502.01	-48.13	10.18	13.20	-45.11	-25.00	20.11	V
15002.00	-44.23	11.22	14.00	-41.45	-25.00	16.45	H
17510.00	-41.12	12.76	14.91	-38.97	-25.00	13.97	V

LTE Band 7, 5 MHz, QPSK, Channel 21100

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
5060.02	-59.13	6.66	9.98	-55.81	-25.00	30.81	H
7615.01	-53.48	8.04	12.29	-49.23	-25.00	24.23	V
10155.01	-52.99	9.37	12.96	-49.40	-25.00	24.40	V
12676.01	-48.37	10.34	13.31	-45.40	-25.00	20.40	H
15192.00	-44.84	11.40	13.88	-42.36	-25.00	17.36	V
17744.00	-40.67	12.43	15.24	-37.86	-25.00	12.86	V

LTE Band 7, 5 MHz, QPSK, Channel 21425

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
5153.02	-59.61	6.89	10.11	-56.39	-25.00	31.39	H
7709.01	-55.52	8.41	12.37	-51.56	-25.00	26.56	V
10288.01	-51.77	9.60	13.02	-48.35	-25.00	23.35	V
12822.01	-47.80	10.71	13.39	-45.12	-25.00	20.12	H
15404.00	-43.94	11.40	13.76	-41.58	-25.00	16.58	H
17979.00	-41.23	12.90	15.57	-38.56	-25.00	13.56	V

Note: The measurement results showed here are worst cases.

Set.2-1, ANT1
LTE Band 7C, 100+100, QPSK, CH20850+21048, P1@0 & S1@99

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
4999.02	-59.10	6.60	9.90	-55.80	-25.00	30.80	H
7506.01	-52.66	8.37	12.20	-48.83	-25.00	23.83	H
10019.01	-52.81	9.23	12.91	-49.13	-25.00	24.13	H
12506.01	-47.95	10.19	13.20	-44.94	-25.00	19.94	H
15006.00	-43.23	11.22	14.00	-40.45	-25.00	15.45	V
17517.00	-39.89	12.79	14.92	-37.76	-25.00	12.76	V

LTE Band 7C, 100+100, QPSK, CH21001+21199, P1@0 & S1@99

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
4434.02	-58.15	6.52	9.33	-55.34	-25.00	30.34	H
6635.02	-55.42	7.91	11.16	-52.17	-25.00	27.17	V
8858.01	-53.68	8.77	13.07	-49.38	-25.00	24.38	H
11080.01	-49.50	9.87	13.18	-46.19	-25.00	21.19	V
13299.01	-44.32	10.58	13.92	-40.98	-25.00	15.98	H
15512.00	-43.61	11.53	13.70	-41.44	-25.00	16.44	H

LTE Band 7C, 100+100, QPSK, Channel 21425, P1@0 & S1@99

Frequency (MHz)	SG (dBm)	CableLoss (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
5150.02	-59.23	6.88	10.11	-56.00	-25.00	31.00	H
7695.01	-54.17	8.40	12.36	-50.21	-25.00	25.21	H
10273.01	-50.74	9.55	13.01	-47.28	-25.00	22.28	V
12828.01	-47.01	10.69	13.40	-44.30	-25.00	19.30	H
15411.00	-43.67	11.41	13.75	-41.33	-25.00	16.33	H
17979.00	-40.15	12.90	15.57	-37.48	-25.00	12.48	V

Note: The measurement results showed here are worst cases.

Set.2-1, ANT3
LTE Band 12, 1.4MHz, QPSK, Channel 23017

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Correction (dB)	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1346.01	-56.15	3.17	4.70	2.15	-56.77	-13.00	43.77	H
2020.00	-50.03	4.11	4.66	2.15	-51.63	-13.00	38.63	H
2671.00	-44.46	4.76	6.41	2.15	-44.96	-13.00	31.96	H
3352.02	-59.61	5.32	7.84	2.15	-59.24	-13.00	46.24	H
4032.02	-58.72	6.05	8.93	2.15	-57.99	-13.00	44.99	H
4698.02	-57.72	6.50	9.60	2.15	-56.77	-13.00	43.77	V

LTE Band 12, 1.4MHz, QPSK, Channel 23095

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Correction (dB)	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1418.01	-56.03	3.26	5.07	2.15	-56.37	-13.00	43.37	H
2134.00	-49.67	4.23	5.00	2.15	-51.05	-13.00	38.05	H
2832.00	-45.48	4.95	6.70	2.15	-45.88	-13.00	32.88	H
3538.02	-58.92	5.70	8.25	2.15	-58.52	-13.00	45.52	V
4240.02	-57.85	6.25	9.14	2.15	-57.11	-13.00	44.11	H
4961.01	-57.17	6.67	9.86	2.15	-56.13	-13.00	43.13	V

LTE Band 12, 1.4MHz, QPSK, Channel 23173

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Correction (dB)	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1443.01	-55.95	3.30	5.20	2.15	-56.20	-13.00	43.20	H
2147.00	-49.05	4.24	5.04	2.15	-50.40	-13.00	37.40	H
2870.00	-45.48	4.97	6.77	2.15	-45.83	-13.00	32.83	H
3569.02	-58.96	6.02	8.30	2.15	-58.83	-13.00	45.83	V
4293.02	-58.22	6.20	9.19	2.15	-57.38	-13.00	44.38	V
5006.01	-57.14	6.59	9.91	2.15	-55.97	-13.00	42.97	V

Note: The measurement results showed here are worst cases.

Set.2-1, ANT0
LTE Band 13, 5MHz, QPSK, Channel 23205

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Correction (dB)	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1562.82	-66.88	3.48	5.39	0.00	-67.12	-40.00	27.12	H
2338.29	-48.22	4.44	5.61	2.15	-49.20	-13.00	36.20	H
3114.52	-58.42	5.37	7.27	2.15	-58.67	-13.00	45.67	H
3895.52	-59.42	6.11	8.75	2.15	-58.93	-13.00	45.93	V
4677.02	-58.13	6.49	9.58	2.15	-57.19	-13.00	44.19	V
5455.01	-58.65	6.89	10.54	2.15	-57.15	-13.00	44.15	V

LTE Band 13, 5MHz, QPSK, Channel 23230

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Correction (dB)	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1564.20	-66.74	3.48	5.38	0.00	-66.99	-40.00	26.99	H
2346.01	-47.93	4.45	5.64	2.15	-48.89	-13.00	35.89	H
3124.52	-59.49	5.40	7.30	2.15	-59.74	-13.00	46.74	V
3905.52	-59.21	6.11	8.77	2.15	-58.70	-13.00	45.70	V
4696.02	-58.52	6.50	9.60	2.15	-57.57	-13.00	44.57	V
5472.01	-57.94	6.95	10.56	2.15	-56.48	-13.00	43.48	V

LTE Band 13, 5MHz, QPSK, Channel 23255

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Correction (dB)	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1564.57	-66.47	3.48	5.38	0.00	-66.72	-40.00	26.72	H
2343.81	-48.32	4.45	5.63	2.15	-49.29	-13.00	36.29	H
3136.02	-59.00	5.39	7.33	2.15	-59.21	-13.00	46.21	V
3931.52	-59.27	6.12	8.80	2.15	-58.74	-13.00	45.74	H
4704.02	-58.24	6.51	9.60	2.15	-57.30	-13.00	44.30	V
5487.01	-57.08	7.01	10.58	2.15	-55.66	-13.00	42.66	V

Note: The measurement results showed here are worst cases.

Set.2-1, ANT3
LTE Band 17, 5MHz, QPSK, Channel 23755

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Correction (dB)	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1398.01	-54.11	3.23	4.97	2.15	-54.52	-13.00	41.52	H
2128.00	-50.11	4.22	4.98	2.15	-51.50	-13.00	38.50	H
2813.00	-45.70	4.93	6.66	2.15	-46.12	-13.00	33.12	H
3545.02	-58.83	5.77	8.26	2.15	-58.49	-13.00	45.49	V
4237.02	-58.26	6.25	9.14	2.15	-57.52	-13.00	44.52	H
4954.01	-56.04	6.68	9.85	2.15	-55.02	-13.00	42.02	V

LTE Band 17, 5MHz, QPSK, Channel 23790

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Correction (dB)	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1432.01	-56.06	3.28	5.15	2.15	-56.34	-13.00	43.34	H
2143.00	-49.22	4.24	5.03	2.15	-50.58	-13.00	37.58	H
2852.00	-45.55	4.96	6.73	2.15	-45.93	-13.00	32.93	H
3551.02	-58.41	5.83	8.27	2.15	-58.12	-13.00	45.12	V
4252.02	-58.30	6.24	9.15	2.15	-57.54	-13.00	44.54	V
4967.01	-56.49	6.66	9.87	2.15	-55.43	-13.00	42.43	V

LTE Band 17, 5MHz, QPSK, Channel 23825

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Correction (dB)	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1418.01	-55.33	3.26	5.07	2.15	-55.67	-13.00	42.67	H
2140.00	-49.07	4.23	5.02	2.15	-50.43	-13.00	37.43	H
2866.00	-45.29	4.96	6.76	2.15	-45.64	-13.00	32.64	H
3571.02	-58.51	6.04	8.30	2.15	-58.40	-13.00	45.40	V
4275.02	-57.20	6.22	9.18	2.15	-56.39	-13.00	43.39	V
4992.01	-57.04	6.62	9.89	2.15	-55.92	-13.00	42.92	V

Note: The measurement results showed here are worst cases.

Set.2-1, ANT2
LTE Band 25, 1.4MHz, QPSK, Channel 26047

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3744.02	-59.04	6.31	8.54	-56.81	-13.00	43.81	V
5551.02	-58.73	7.18	10.59	-55.32	-13.00	42.32	H
7438.01	-53.57	8.22	12.13	-49.66	-13.00	36.66	H
9241.01	-51.93	9.02	13.24	-47.71	-13.00	34.71	H
11090.01	-50.33	9.85	13.18	-47.00	-13.00	34.00	V
13000.01	-46.65	10.47	13.50	-43.62	-13.00	30.62	V

LTE Band 25, 1.4MHz, QPSK, Channel 26365

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3750.02	-59.89	6.29	8.55	-57.63	-13.00	44.63	V
5629.02	-57.57	7.26	10.57	-54.26	-13.00	41.26	H
7570.01	-54.16	8.10	12.26	-50.00	-13.00	37.00	H
9393.01	-53.03	9.04	13.34	-48.73	-13.00	35.73	H
11246.01	-49.46	9.67	13.15	-45.98	-13.00	32.98	V
13140.01	-43.88	10.76	13.70	-40.94	-13.00	27.94	V

LTE Band 25, 1.4MHz, QPSK, Channel 26683

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3861.02	-59.28	6.08	8.71	-56.65	-13.00	43.65	H
5760.02	-58.61	7.25	10.55	-55.31	-13.00	42.31	H
7619.01	-54.73	8.06	12.30	-50.49	-13.00	37.49	V
9594.01	-53.10	9.20	13.31	-48.99	-13.00	35.99	H
11478.01	-48.52	9.87	13.10	-45.29	-13.00	32.29	V
13416.01	-44.02	10.58	14.08	-40.52	-13.00	27.52	H

Note: The measurement results showed here are worst cases.

Set.2-1, ANT0
LTE Band 26(814MHz~824MHz), 5MHz, QPSK, Channel 26715

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Correction (dB)	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1793.01	-52.98	3.74	4.97	2.15	-53.90	-13.00	40.90	V
2433.00	-44.66	4.55	5.90	2.15	-45.46	-13.00	32.46	H
3426.02	-58.05	5.39	8.02	2.15	-57.57	-13.00	44.57	H
4125.02	-57.21	6.04	9.03	2.15	-56.37	-13.00	43.37	V
5079.01	-55.99	6.71	10.01	2.15	-54.84	-13.00	41.84	V
5632.01	-55.56	7.26	10.57	2.15	-54.40	-13.00	41.40	H

LTE Band 26(814MHz~824MHz), 5MHz, QPSK, Channel 26740

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Correction (dB)	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1640.01	-54.27	3.56	5.25	2.15	-54.73	-13.00	41.73	H
2473.00	-47.13	4.60	6.02	2.15	-47.86	-13.00	34.86	H
3266.02	-59.85	5.28	7.64	2.15	-59.64	-13.00	46.64	V
4100.02	-57.24	6.04	9.00	2.15	-56.43	-13.00	43.43	V
4929.01	-57.03	6.73	9.83	2.15	-56.08	-13.00	43.08	V
5738.01	-56.58	7.28	10.55	2.15	-55.46	-13.00	42.46	H

LTE Band 26(814MHz~824MHz), 5MHz, QPSK, Channel 26765

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Correction (dB)	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1623.01	-54.45	3.55	5.28	2.15	-54.87	-13.00	41.87	H
2470.00	-48.11	4.59	6.01	2.15	-48.84	-13.00	35.84	H
3289.02	-59.92	5.29	7.69	2.15	-59.67	-13.00	46.67	H
4088.02	-57.97	6.04	8.99	2.15	-57.17	-13.00	44.17	V
4932.01	-56.69	6.72	9.83	2.15	-55.73	-13.00	42.73	V
5726.01	-56.47	7.30	10.55	2.15	-55.37	-13.00	42.37	H

Note: The measurement results showed here are worst cases.

Set.2-1, ANT3
LTE Band 26(824MHz~849MHz), 15MHz, QPSK, Channel 26865

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Correction (dB)	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1649.01	-54.85	3.56	5.23	2.15	-55.33	-13.00	42.33	H
2480.00	-41.12	4.60	6.04	2.15	-41.83	-13.00	28.83	V
3305.02	-59.65	5.29	7.73	2.15	-59.36	-13.00	46.36	V
4131.02	-57.15	6.05	9.03	2.15	-56.32	-13.00	43.32	V
4938.01	-56.10	6.71	9.84	2.15	-55.12	-13.00	42.12	V
5778.01	-56.96	7.22	10.54	2.15	-55.79	-13.00	42.79	V

LTE Band 26(824MHz~849MHz), 15MHz, QPSK, Channel 26915

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Correction (dB)	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1677.01	-54.20	3.58	5.18	2.15	-54.75	-13.00	41.75	H
2513.00	-46.52	4.64	6.12	2.15	-47.19	-13.00	34.19	H
3330.02	-59.39	5.30	7.79	2.15	-59.05	-13.00	46.05	H
4179.02	-57.44	6.16	9.08	2.15	-56.67	-13.00	43.67	H
5033.01	-57.02	6.58	9.95	2.15	-55.80	-13.00	42.80	V
5846.01	-56.50	7.22	10.53	2.15	-55.34	-13.00	42.34	V

LTE Band 26(824MHz~849MHz), 15MHz, QPSK, Channel 26965

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Correction (dB)	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1705.01	-54.42	3.60	5.13	2.15	-55.04	-13.00	42.04	V
2560.00	-46.26	4.67	6.21	2.15	-46.87	-13.00	33.87	H
3375.02	-58.98	5.34	7.90	2.15	-58.57	-13.00	45.57	V
4232.02	-57.77	6.26	9.13	2.15	-57.05	-13.00	44.05	H
5096.01	-56.81	6.76	10.03	2.15	-55.69	-13.00	42.69	H
5935.01	-55.77	7.47	10.51	2.15	-54.88	-13.00	41.88	H

Note: The measurement results showed here are worst cases.

Set.2-1, ANT2
LTE Band 38, 20MHz, QPSK, Channel 38750

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
5118.02	-59.37	6.82	10.07	-56.12	-25.00	31.12	V
7729.01	-54.21	8.39	12.38	-50.22	-25.00	25.22	H
10323.01	-50.85	9.68	13.03	-47.50	-25.00	22.50	H
12829.01	-47.22	10.69	13.40	-44.51	-25.00	19.51	H
15465.00	-43.72	11.49	13.72	-41.49	-25.00	16.49	H
17975.00	-40.91	12.90	15.57	-38.24	-25.00	13.24	V

LTE Band 38, 20MHz, QPSK, Channel 38000

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
5218.02	-59.76	6.99	10.21	-56.54	-25.00	31.54	H
7782.01	-55.45	8.31	12.43	-51.33	-25.00	26.33	V
10358.01	-50.18	9.73	13.04	-46.87	-25.00	21.87	H
13000.01	-46.62	10.47	13.50	-43.59	-25.00	18.59	H
15538.00	-44.70	11.52	13.70	-42.52	-25.00	17.52	H
16848.00	-39.31	12.06	13.74	-37.63	-25.00	12.63	H

LTE Band 38, 20MHz, QPSK, Channel 38150

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
5249.02	-59.22	7.00	10.25	-55.97	-25.00	30.97	V
7831.01	-54.61	8.33	12.46	-50.48	-25.00	25.48	H
10444.01	-49.34	9.74	13.08	-46.00	-25.00	21.00	V
13075.01	-45.68	10.82	13.61	-42.89	-25.00	17.89	V
15659.00	-44.17	11.56	13.70	-42.03	-25.00	17.03	V
16972.00	-40.35	12.27	13.79	-38.83	-25.00	13.83	H

Note: The measurement results showed here are worst cases.

Set.2-1, ANT2
LTE Band 38C, 75+75, QPSK, CH37825+37975, P1@0 & S1@74

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
5092.02	-58.62	6.75	10.03	-55.34	-25.00	30.34	H
7683.01	-55.05	8.35	12.35	-51.05	-25.00	26.05	H
10223.01	-51.72	9.38	12.99	-48.11	-25.00	23.11	V
12780.01	-47.28	10.67	13.37	-44.58	-25.00	19.58	H
15355.00	-43.01	11.34	13.79	-40.56	-25.00	15.56	H
17890.00	-39.68	12.86	15.45	-37.09	-25.00	12.09	V

LTE Band 38C, 75+75, QPSK, CH37925+38075, P1@0 & S1@74

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
5238.02	-59.26	7.00	10.23	-56.03	-25.00	31.03	V
7821.01	-54.03	8.32	12.46	-49.89	-25.00	24.89	V
10454.01	-49.26	9.72	13.08	-45.90	-25.00	20.90	V
13123.01	-44.28	10.84	13.67	-41.45	-25.00	16.45	V
15716.00	-43.37	11.62	13.70	-41.29	-25.00	16.29	H
16985.00	-39.84	12.32	13.79	-38.37	-25.00	13.37	H

LTE Band 38C, 75+75, QPSK, CH38025+38175, P1@0 & S1@74

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
5220.02	-59.12	6.99	10.21	-55.90	-25.00	30.90	H
7876.01	-53.80	8.39	12.50	-49.69	-25.00	24.69	H
10477.01	-49.66	9.69	13.09	-46.26	-25.00	21.26	V
13116.01	-43.56	10.87	13.66	-40.77	-25.00	15.77	V
15671.00	-43.53	11.57	13.70	-41.40	-25.00	16.40	H
17011.00	-40.00	12.41	13.82	-38.59	-25.00	13.59	V

Note: The measurement results showed here are worst cases.

Set.2-1, ANT2
LTE Band 41, 20MHz, QPSK, Channel 39750

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
4992.02	-60.06	6.62	9.89	-56.79	-25.00	31.79	H
7499.01	-53.58	8.39	12.20	-49.77	-25.00	24.77	H
9997.01	-53.70	9.18	12.90	-49.98	-25.00	24.98	H
12493.01	-48.47	10.19	13.20	-45.46	-25.00	20.46	H
14994.00	-45.27	11.21	14.00	-42.48	-25.00	17.48	H
17493.00	-41.28	12.71	14.88	-39.11	-25.00	14.11	V

LTE Band 41, 20MHz, QPSK, Channel 40620

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
5203.02	-59.25	6.96	10.18	-56.03	-25.00	31.03	V
7793.01	-54.69	8.30	12.43	-50.56	-25.00	25.56	V
10396.01	-50.46	9.79	13.06	-47.19	-25.00	22.19	V
12976.01	-47.85	10.48	13.49	-44.84	-25.00	19.84	H
15534.00	-44.54	11.52	13.70	-42.36	-25.00	17.36	H
16852.00	-38.06	12.05	13.74	-36.37	-25.00	11.37	H

LTE Band 41, 20MHz, QPSK, Channel 41490

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
5392.02	-59.87	6.85	10.45	-56.27	-25.00	31.27	V
8060.01	-53.83	8.32	12.65	-49.50	-25.00	24.50	H
10758.01	-50.32	9.45	13.15	-46.62	-25.00	21.62	H
13435.01	-44.50	10.59	14.11	-40.98	-25.00	15.98	H
16135.00	-43.19	11.81	13.67	-41.33	-25.00	16.33	H
17463.00	-39.84	12.64	14.82	-37.66	-25.00	12.66	H

Note: The measurement results showed here are worst cases.

Set.2-1, ANT1
LTE Band 41C, 100+25, QPSK, CH39750+39867,P1@0 & S1@24

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
5000.02	-59.81	6.60	9.90	-56.51	-25.00	31.51	H
7492.01	-54.09	8.37	12.19	-50.27	-25.00	25.27	H
9994.01	-53.87	9.18	12.91	-50.14	-25.00	25.14	H
12495.01	-48.93	10.19	13.20	-45.92	-25.00	20.92	H
14989.00	-44.94	11.21	14.01	-42.14	-25.00	17.14	V
17490.00	-41.77	12.70	14.88	-39.59	-25.00	14.59	V

LTE Band 41C, 100+25, QPSK, CH40595+40712,P1@0 & S1@24

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
5208.02	-59.47	6.97	10.19	-56.25	-25.00	31.25	V
7792.01	-54.30	8.30	12.43	-50.17	-25.00	25.17	V
10387.01	-50.46	9.78	13.05	-47.19	-25.00	22.19	V
12949.01	-47.27	10.49	13.47	-44.29	-25.00	19.29	V
15560.00	-44.22	11.50	13.70	-42.02	-25.00	17.02	H
16839.00	-38.83	12.07	13.74	-37.16	-25.00	12.16	H

LTE Band 41C, 100+25, QPSK, CH41440+41557,P1@0 & S1@24

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
5350.02	-59.26	6.93	10.39	-55.80	-25.00	30.80	V
8039.01	-53.96	8.32	12.63	-49.65	-25.00	24.65	V
10767.01	-50.15	9.47	13.15	-46.47	-25.00	21.47	V
13419.01	-44.99	10.58	14.09	-41.48	-25.00	16.48	H
16103.00	-43.04	11.85	13.68	-41.21	-25.00	16.21	H
17466.00	-40.10	12.65	14.83	-37.92	-25.00	12.92	V

Note: The measurement results showed here are worst cases.

Set.2-1, ANT2
LTE Band 66, 10MHz QPSK, Channel 132072

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3448.02	-71.92	5.43	8.08	-69.27	-13.00	56.27	H
5082.02	-69.38	6.72	10.01	-66.09	-13.00	53.09	V
6851.01	-65.04	7.82	11.42	-61.44	-13.00	48.44	V
8585.01	-64.15	8.52	13.02	-59.65	-13.00	46.65	V
10313.01	-61.20	9.66	13.03	-57.83	-13.00	44.83	V
11995.01	-58.41	10.07	13.00	-55.48	-13.00	42.48	V

LTE Band 66, 10MHz, QPSK, Channel 132322

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3544.02	-71.19	5.76	8.26	-68.69	-13.00	55.69	V
5223.02	-68.44	7.00	10.21	-65.23	-13.00	52.23	H
7002.01	-64.63	8.30	11.60	-61.33	-13.00	48.33	V
8747.01	-64.01	8.50	13.05	-59.46	-13.00	46.46	V
10450.01	-60.64	9.73	13.08	-57.29	-13.00	44.29	V
12255.01	-58.15	10.02	13.10	-55.07	-13.00	42.07	H

LTE Band 66, 10MHz, QPSK, Channel 132572

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3552.02	-70.88	5.84	8.27	-68.45	-13.00	55.45	V
5297.02	-69.38	6.99	10.32	-66.05	-13.00	53.05	V
7170.01	-65.43	8.18	11.80	-61.81	-13.00	48.81	V
8948.01	-63.68	9.02	13.09	-59.61	-13.00	46.61	V
10627.01	-61.31	9.29	13.13	-57.47	-13.00	44.47	V
12404.01	-58.21	10.43	13.16	-55.48	-13.00	42.48	H

Note: The measurement results showed here are worst cases.

Set.2-1, ANT1
LTE Band 66C, 75+75,QPSK, CH132047+132197,_P1@0 & S1@74

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3450.02	-71.68	5.43	8.08	-69.03	-13.00	56.03	H
5088.02	-69.02	6.74	10.02	-65.74	-13.00	52.74	V
6838.01	-64.65	7.84	11.41	-61.08	-13.00	48.08	V
8597.01	-63.90	8.50	13.02	-59.38	-13.00	46.38	V
10314.01	-60.84	9.67	13.03	-57.48	-13.00	44.48	V
11998.01	-58.05	10.06	13.00	-55.11	-13.00	42.11	V

LTE Band 66C, 75+75,QPSK, CH132347+132497,_P1@0 & S1@74

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3543.02	-70.90	5.75	8.26	-68.39	-13.00	55.39	V
5284.02	-69.61	6.99	10.30	-66.30	-13.00	53.30	V
7013.01	-64.14	8.28	11.62	-60.80	-13.00	47.80	V
8752.01	-63.69	8.52	13.05	-59.16	-13.00	46.16	V
10449.01	-60.43	9.73	13.08	-57.08	-13.00	44.08	V
12258.01	-57.82	10.02	13.10	-54.74	-13.00	41.74	H

LTE Band 66C, 75+75,QPSK, CH132447+132597,_P1@0 & S1@74

Frequency (MHz)	P _{Mea} (dBm)	Path Loss(dB)	Antenna Gain(dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3549.02	-70.65	5.81	8.27	-68.19	-13.00	55.19	V
5301.02	-69.60	6.99	10.32	-66.27	-13.00	53.27	V
7172.01	-65.13	8.18	11.81	-61.50	-13.00	48.50	V
8948.01	-63.39	9.02	13.09	-59.32	-13.00	46.32	V
10728.01	-61.03	9.37	13.15	-57.25	-13.00	44.25	V
12415.01	-57.94	10.40	13.17	-55.17	-13.00	42.17	H

Note: The measurement results showed here are worst cases.

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