LTE TEST REPORT

No.24T04Z101872-030

for

Xiaomi Communications Co., Ltd.

Mobile Phone

Model Name: 24116RACCG

FCC ID: 2AFZZRACCG

with

Hardware Version: 1351000O6

Software Version: Xiaomi HyperOS 1.0

Issued Date: 2024-09-30

Note:

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

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: cttl_terminals@caict.ac.cn, website: www.caict.ac.cn

REPORT HISTORY

Report Number	Revision	Description	Issue Date
24T04Z101872-030	Rev.0	1st edition	2024-09-30

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

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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 American Association for Laboratory Accreditation (A2LA) with lab code 7049.01, and is also an FCC accredited test laboratory (CN1349), and ISED accredited test laboratory (CAB identifier:CN0066). The detail accreditation scope can be found on A2LA website.

1.2. Testing Location

Location 1: CTTL (huayuan North Road)

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

Location 2: 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℃

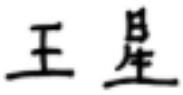
Relative Humidity: 20-75%

1.4. Project Data

Testing Start Date: 2024-09-05

Testing End Date: 2024-09-27

1.5. Signature



Wang Xing

(Prepared this test report)

Zhou Yu

(Reviewed this test report)

Zhao Hui Lin

(Approved this test report)

2. Client Information

2.1. Applicant Information

Company Name:	Xiaomi Communications Co., Ltd.
Address /Post:	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Contact:	Zeng Qingyao
Email:	mi-compliance@xiaomi.com
Telephone:	010-60606666-8088
Fax:	010-60606666-1101

2.2. Manufacturer Information

Company Name:	Xiaomi Communications Co., Ltd.
Address /Post:	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Contact:	Zeng Qingyao
Email:	mi-compliance@xiaomi.com
Telephone:	010-60606666-8088
Fax:	010-60606666-1101

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

3.1. About EUT

Description	Mobile Phone
Model Name	24116RACCG
FCC ID	2AFZZRACCG
Antenna	Embedded
Output power	23.63 dBm maximum EIRP measured for LTE B7
Extreme Voltage	3.6VDC to 4.5VDC (nominal: 3.91VDC)
Extreme Temperature	0°C to +40°C

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*	IMEI	HW Version	SW Version	Date of receipt
UT32a	865991070104546/ 865991070104553	1351000O6	Xiaomi HyperOS 1.0	2024-09-05
UT28a	865991070070465/ 865991070070473	1351000O6	Xiaomi HyperOS 1.0	2024-09-04

UT28a was used for emission limit test and UT32a was used for other testing cases.

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

3.3. Internal Identification of AE used during the test

AE ID*	Description
AE1	Battery
AE2	Battery

AE1

Model	BN5Y
Manufacturer	COS
Capacitance	5350mAh

AE2

Model	BN5Y
Manufacturer	NVT
Capacitance	5350mAh

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

4. Reference Documents

4.1. Documents supplied by applicant

EUT parameters are supplied by the customer, which are the bases of testing. CAICT is not responsible for the accuracy of customer supplied technical information that may affect the test results (for example, antenna gain and loss of customer supplied cable).

4.2. Reference Documents for testing

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

Reference	Title	Version
FCC Part 24	PERSONAL COMMUNICATIONS SERVICES	10-1-23 Edition
FCC Part 22	PUBLIC MOBILE SERVICES	10-1-23 Edition
FCC Part 27	MISCELLANEOUS WIRELESS COMMUNICATIONS SERVICES	10-1-23 Edition
FCC Part 90	PRIVATE LAND MOBILE RADIO SERVICES	10-1-23 Edition
ANSI/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. Summary of Test Result

LTE Band 2

Items	Test Name	Clause in FCC rules	Verdict
1	Output Power	24.232	P
2	Emission Limit	2.1051/24.238	P
3	Frequency Stability	2.1055	P
4	Occupied Bandwidth	2.1049	P
5	Emission Bandwidth	24.238	P
6	Band Edge Compliance	24.238	P
7	Conducted Spurious Emission	24.238	P
8	Peak-to-Average Power Ratio	24.232	P

LTE Band 7

Items	Test Name	Clause in FCC rules	Verdict
1	Output Power	27.50	P
2	Emission Limit	2.1051/27.53	P
3	Frequency Stability	2.1055	P
4	Occupied Bandwidth	2.1049	P
5	Emission Bandwidth	27.53	P
6	Band Edge Compliance	27.53	P
7	Conducted Spurious Emission	27.53	P
8	Peak-to-Average Power Ratio	27.50	P

LTE Band 12 (17)

Items	Test Name	Clause in FCC rules	Verdict
1	Output Power	27.50	P
2	Emission Limit	2.1051/27.53	P
3	Frequency Stability	2.1055	P
4	Occupied Bandwidth	2.1049	P
5	Emission Bandwidth	27.53	P
6	Band Edge Compliance	27.53	P
7	Conducted Spurious Emission	27.53	P
8	Peak-to-Average Power Ratio	27.50	P

LTE Band 13

Items	Test Name	Clause in FCC rules	Verdict
1	Output Power	27.50	P
2	Emission Limit	2.1051/27.53	P
3	Frequency Stability	2.1055	P
4	Occupied Bandwidth	2.1049	P
5	Emission Bandwidth	27.53	P
6	Band Edge Compliance	27.53	P
7	Conducted Spurious Emission	27.53	P
8	Peak-to-Average Power Ratio	27.50	P

LTE Band 26(814MHz~824MHz)

Items	Test Name	Clause in FCC rules	Verdict
1	Output Power	90.635	P
2	Emission Limit	2.1051/90.691	P
3	Frequency Stability	2.1055	P
4	Occupied Bandwidth	2.1049	P
5	Emission Bandwidth	2.1049	P
6	Band Edge Compliance	90.691	P
7	Conducted Spurious Emission	90.691	P

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

Items	Test Name	Clause in FCC rules	Verdict
1	Output Power	22.913	P
2	Emission Limit	2.1051/22.917	P
3	Frequency Stability	2.1055	P
4	Occupied Bandwidth	2.1049	P
5	Emission Bandwidth	22.917	P
6	Band Edge Compliance	22.917	P
7	Conducted Spurious Emission	22.917	P

LTE Band 41 (38)

Items	Test Name	Clause in FCC rules	Verdict
1	Output Power	27.50	P
2	Emission Limit	2.1051/27.53	P
3	Frequency Stability	2.1055	P
4	Occupied Bandwidth	2.1049	P
5	Emission Bandwidth	27.53	P
6	Band Edge Compliance	27.53	P
7	Conducted Spurious Emission	27.53	P
8	Peak-to-Average Power Ratio	27.50	P

LTE Band 66 (4)

Items	Test Name	Clause in FCC rules	Verdict
1	Output Power	27.50	P
2	Emission Limit	2.1051/27.53	P
3	Frequency Stability	2.1055	P
4	Occupied Bandwidth	2.1049	P
5	Emission Bandwidth	27.53	P
6	Band Edge Compliance	27.53	P
7	Conducted Spurious Emission	27.53	P
8	Peak-to-Average Power Ratio	27.50	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.

All the test results are based on normal power.

Measurement uncertainty is not taken into account when stating conformity with a specified requirement.

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

LTE Band 41 is tested by power class 3.

Explanation of worst-case configuration

The worst-case scenario for all measurements is based on the conducted output power measurement investigation results. Output power was measured on QPSK,16QAM and 64QAM modulations. It was found that QPSK was the worst case. All testing was performed using QPSK modulations to represent the worst case unless otherwise stated. The test results shown in the following sections represent the worst case emission.

The conducted output power is tested on all antenna ports. The other conducted test cases are tested on the antenna port which has the maximum output power.

6. Test Equipment Utilized

Description	Type	Series Number	Manufacture	Cal Due Date	Calibration Interval
Wideband Radio Communication Tester	CMW500	159082	R&S	2024-12-28	1 year
Spectrum Analyzer	FSU	200030	R&S	2025-05-08	1 year
Climate chamber	SH-241	92004642	ESPEC	2024-10-15	1 year
Spectrum Analyzer	FSV30	10152	R&S	2025-01-18	1 year
Antenna	VULB9163	9163-482	Schwarzbeck	2025-05-19	1 year
Antenna	9117	167	Schwarzbeck	2024-10-15	1 year
Antenna	LB-7180-NF	J2030013000005	A-INFO	2025-05-16	1 year
Antenna	3115	00146404	ETS-Lindgren	2025-05-16	1 year
Signal Generator	SMF100A	101295	R&S	2025-03-04	1 year
Universal Radio Communication Tester	CMW500	143008	R&S	2025-01-18	1 year
Universal Radio Communication Tester	8821C	62724459649	Anritsu	2025-07-06	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.

A.1.2 Conducted

A.1.2.1 Method of Measurements

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

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

The results below include a correction factor for cable loss that is provided by the customer.

A.1.2.2 Measurement Result

ANT1:

LTE band 2

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)		
			QPSK	16QAM	64QAM
1.4MHz	1 RB high	1909.3	24.22	23.37	22.47
		1880.0	24.25	23.55	22.55
		1850.7	24.35	23.47	22.61
	1 RB low	1909.3	24.21	23.30	22.42
		1880.0	24.25	23.57	22.55
		1850.7	24.39	23.51	22.60
	50% RB mid	1909.3	24.36	23.20	22.50
		1880.0	24.39	23.41	22.60
		1850.7	24.52	23.43	22.59
	100% RB	1909.3	23.43	22.51	21.47
		1880.0	23.49	22.59	21.56
		1850.7	23.60	22.68	21.62
3MHz	1 RB high	1908.5	24.15	23.31	22.36
		1880.0	24.18	23.38	22.57
		1851.5	24.26	23.36	22.47
	1 RB low	1908.5	24.10	23.19	22.38
		1880.0	24.18	23.43	22.49
		1851.5	24.27	23.41	22.52
	50% RB mid	1908.5	23.36	22.42	21.46
		1880.0	23.45	22.53	21.56
		1851.5	23.53	22.56	21.58
	100% RB	1908.5	23.36	22.32	21.38
		1880.0	23.40	22.44	21.42

		1851.5	23.52	22.49	21.54
5MHz	1 RB high	1907.5	24.32	23.51	22.49
		1880.0	24.37	23.58	22.62
		1852.5	24.43	23.64	22.71
	1 RB low	1907.5	24.32	23.46	22.45
		1880.0	24.39	23.60	22.65
		1852.5	24.46	23.65	22.67
	50% RB mid	1907.5	23.44	22.46	21.56
		1880.0	23.53	22.57	21.60
		1852.5	23.62	22.60	21.67
	100% RB	1907.5	23.44	22.44	21.47
		1880.0	23.50	22.54	21.55
		1852.5	23.56	22.60	21.60
10MHz	1 RB high	1905.0	24.44	23.47	22.62
		1880.0	24.48	23.67	22.68
		1855.0	24.53	23.74	22.70
	1 RB low	1905.0	24.42	23.64	22.60
		1880.0	24.50	23.78	22.69
		1855.0	24.52	23.66	22.69
	50% RB mid	1905.0	23.49	22.49	21.56
		1880.0	23.55	22.58	21.63
		1855.0	23.60	22.62	21.66
	100% RB	1905.0	23.46	22.44	21.51
		1880.0	23.52	22.53	21.55
		1855.0	23.57	22.58	21.59
15MHz	1 RB high	1902.5	24.32	23.49	22.49
		1880.0	24.39	23.59	22.64
		1857.5	24.47	23.62	22.71
	1 RB low	1902.5	24.37	23.59	22.58
		1880.0	24.43	23.66	22.70
		1857.5	24.49	23.55	22.71
	50% RB mid	1902.5	23.46	22.48	21.52
		1880.0	23.52	22.54	21.61
		1857.5	23.56	22.58	21.64
	100% RB	1902.5	23.48	22.47	21.48
		1880.0	23.51	22.52	21.54
		1857.5	23.57	22.55	21.59
20MHz	1 RB high	1900.0	24.29	23.48	22.42
		1880.0	24.33	23.53	22.58
		1860.0	24.40	23.62	22.63
	1 RB low	1900.0	24.31	23.47	22.47
		1880.0	24.35	23.63	22.54
		1860.0	24.42	23.48	22.56

	50% RB mid	1900.0	23.54	22.51	21.54
		1880.0	23.66	22.57	21.60
		1860.0	23.65	22.64	21.64
	100% RB	1900.0	23.47	22.42	21.44
		1880.0	23.50	22.49	21.52
		1860.0	23.58	22.58	21.61

LTE band 7

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)		
			QPSK	16QAM	64QAM
5MHz	1 RB high	2567.5	24.27	23.43	22.39
		2535.0	24.23	23.49	22.43
		2502.5	24.21	23.28	22.30
	1 RB low	2567.5	24.25	23.43	22.41
		2535.0	24.23	23.37	22.37
		2502.5	24.19	23.42	22.34
	50% RB mid	2567.5	23.44	22.41	21.49
		2535.0	23.39	22.38	21.44
		2502.5	23.36	22.30	21.40
	100% RB	2567.5	23.43	22.41	21.42
		2535.0	23.39	22.37	21.43
		2502.5	23.35	22.34	21.37
10MHz	1 RB high	2565.0	24.32	23.47	22.51
		2535.0	24.28	23.49	22.45
		2505.0	24.26	23.35	22.45
	1 RB low	2565.0	24.30	23.54	22.48
		2535.0	24.27	23.53	22.45
		2505.0	24.24	23.32	22.37
	50% RB mid	2565.0	23.41	22.42	21.47
		2535.0	23.40	22.43	21.43
		2505.0	23.34	22.32	21.36
	100% RB	2565.0	23.39	22.33	21.41
		2535.0	23.41	22.37	21.42
		2505.0	23.35	22.31	21.36
15MHz	1 RB high	2562.5	24.27	23.48	22.38
		2535.0	24.24	23.46	22.40
		2507.5	24.20	23.43	22.31
	1 RB low	2562.5	24.25	23.40	22.46
		2535.0	24.25	23.43	22.45
		2507.5	24.17	23.26	22.33
	50% RB mid	2562.5	23.39	22.38	21.41
		2535.0	23.36	22.34	21.38
		2507.5	23.30	22.27	21.31
	100% RB	2562.5	23.34	22.31	21.35
		2535.0	23.35	22.33	21.36
		2507.5	23.30	22.21	21.25
20MHz	1 RB high	2560.0	24.20	23.32	22.37
		2535.0	24.20	23.34	22.41
		2510.0	24.12	23.31	22.31
	1 RB low	2560.0	24.22	23.34	22.32

		2535.0	24.13	23.30	22.33
		2510.0	24.07	23.21	22.16
	50% RB mid	2560.0	23.44	22.40	21.46
		2535.0	23.45	22.41	21.43
		2510.0	23.38	22.31	21.33
	100% RB	2560.0	23.34	22.29	21.33
		2535.0	23.34	22.27	21.33
		2510.0	23.25	22.19	21.24

LTE band 12

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)		
			QPSK	16QAM	64QAM
1.4MHz	1 RB high	715.3	24.04	22.95	22.06
		707.5	23.89	23.18	22.12
		699.7	23.90	23.08	22.14
	1 RB low	715.3	23.97	22.96	22.04
		707.5	23.89	23.10	22.24
		699.7	23.88	23.16	22.21
	50% RB mid	715.3	24.18	22.85	22.13
		707.5	23.99	23.02	22.22
		699.7	24.02	23.01	22.28
	100% RB	715.3	23.20	22.13	21.11
		707.5	23.10	22.20	21.11
		699.7	23.14	22.22	21.16
3MHz	1 RB high	714.5	23.94	22.86	21.93
		707.5	23.78	23.09	22.03
		700.5	23.77	22.98	22.11
	1 RB low	714.5	23.78	22.92	22.03
		707.5	23.77	23.04	22.04
		700.5	23.79	23.12	22.07
	50% RB mid	714.5	23.09	22.08	21.11
		707.5	23.07	22.10	21.11
		700.5	23.08	22.14	21.18
	100% RB	714.5	23.06	22.00	21.03
		707.5	23.02	22.04	21.01
		700.5	23.06	22.05	21.04
5MHz	1 RB high	713.5	24.13	23.03	21.99
		707.5	24.02	23.32	22.28
		701.5	24.01	23.17	22.21
	1 RB low	713.5	24.03	23.32	22.24
		707.5	24.08	23.36	22.30
		701.5	24.05	23.31	22.27
	50% RB mid	713.5	23.15	22.14	21.19
		707.5	23.18	22.18	21.22
		701.5	23.18	22.20	21.26
	100% RB	713.5	23.17	22.13	21.16
		707.5	23.16	22.18	21.20
		701.5	23.16	22.20	21.20
10MHz	1 RB high	711.0	24.18	23.16	22.11
		707.5	24.15	23.34	22.32
		704.0	24.11	23.35	22.36
	1 RB low	711.0	24.19	23.40	22.42

		707.5	24.18	23.45	22.40
		704.0	24.19	23.41	22.31
	50% RB mid	711.0	23.24	22.23	21.27
		707.5	23.25	22.26	21.28
		704.0	23.23	22.25	21.27
	100% RB	711.0	23.17	22.13	21.16
		707.5	23.20	22.16	21.19
		704.0	23.17	22.15	21.22

LTE band 13

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)		
			QPSK	16QAM	64QAM
5MHz	1 RB high	784.5	24.14	23.28	22.32
		782.0	24.09	23.34	22.36
		779.5	24.12	23.27	22.36
	1 RB low	784.5	24.15	23.42	22.38
		782.0	24.14	23.43	22.35
		779.5	24.18	23.38	22.37
	50% RB mid	784.5	23.24	22.25	21.32
		782.0	23.28	22.28	21.34
		779.5	23.27	22.29	21.33
	100% RB	784.5	23.21	22.22	21.24
		782.0	23.25	22.27	21.28
		779.5	23.23	22.24	21.28
10MHz	1 RB high	782.0	24.19	23.48	22.42
	1 RB low	782.0	24.28	23.46	22.49
	50% RB mid	782.0	23.31	22.31	21.36
	100% RB	782.0	23.23	22.23	21.25

LTE band 26(814MHz~824MHz)

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)		
			QPSK	16QAM	64QAM
1.4MHz	1 RB high	823.3	24.41	23.42	22.48
		819.0	24.37	23.41	22.45
		814.7	24.37	23.36	22.82
	1 RB low	823.3	24.34	23.38	22.38
		819.0	24.40	23.40	22.41
		814.7	24.37	23.37	22.83
	50% RB mid	823.3	24.47	23.66	22.57
		819.0	24.50	23.70	22.61
		814.7	24.50	23.63	22.75
	100% RB	823.3	23.58	22.77	21.70
		819.0	23.60	22.79	21.73
		814.7	23.61	22.47	21.96
3MHz	1 RB high	822.5	24.21	23.31	22.29
		819.0	24.21	23.25	22.26
		815.5	24.27	23.31	22.28
	1 RB low	822.5	24.22	23.22	22.33
		819.0	24.24	23.27	22.32
		815.5	24.29	23.24	22.31
	50% RB mid	822.5	23.47	22.56	21.46
		819.0	23.50	22.56	21.46
		815.5	23.52	22.54	21.47
	100% RB	822.5	23.44	22.44	21.55
		819.0	23.44	22.43	21.54
		815.5	23.41	22.42	21.49
5MHz	1 RB high	821.5	24.52	23.85	22.75
		819.0	24.49	23.61	22.75
		816.5	24.51	23.62	22.74
	1 RB low	821.5	24.52	23.81	22.70
		819.0	24.50	23.57	22.74
		816.5	24.48	23.55	22.70
	50% RB mid	821.5	23.63	22.65	21.72
		819.0	23.58	22.68	21.71
		816.5	23.61	22.64	21.69
	100% RB	821.5	23.62	22.58	21.71
		819.0	23.60	22.58	21.70
		816.5	23.59	22.59	21.69
10MHz	1 RB high	819.0	24.61	23.62	22.53
	1 RB low	819.0	24.59	23.57	22.46
	50% RB mid	819.0	23.60	22.73	21.75
	100% RB	819.0	23.62	22.63	21.66

LTE band 26(824MHz~849MHz)

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)		
			QPSK	16QAM	64QAM
1.4MHz	1 RB high	848.3	24.63	23.52	22.57
		836.5	24.44	23.51	22.52
		824.7	24.40	23.42	22.90
	1 RB low	848.3	24.55	23.49	22.50
		836.5	24.39	23.50	22.46
		824.7	24.38	23.41	22.87
	50% RB mid	848.3	24.59	23.78	22.72
		836.5	24.55	23.78	22.70
		824.7	24.49	23.68	22.57
	100% RB	848.3	23.76	22.90	21.87
		836.5	23.68	22.85	21.81
		824.7	23.60	22.77	21.72
3MHz	1 RB high	847.5	24.48	23.43	22.36
		836.5	24.32	23.35	22.36
		825.5	24.29	23.31	22.34
	1 RB low	847.5	24.34	23.35	22.39
		836.5	24.28	23.29	22.40
		825.5	24.28	23.26	22.33
	50% RB mid	847.5	23.63	22.74	21.58
		836.5	23.56	22.68	21.54
		825.5	23.52	22.57	21.44
	100% RB	847.5	23.60	22.57	21.68
		836.5	23.50	22.51	21.60
		825.5	23.44	22.40	21.52
5MHz	1 RB high	846.5	24.67	23.69	22.84
		836.5	24.55	23.66	22.82
		826.5	24.49	23.59	22.74
	1 RB low	846.5	24.57	23.68	22.84
		836.5	24.53	23.66	22.80
		826.5	24.48	23.58	22.72
	50% RB mid	846.5	23.70	22.78	21.78
		836.5	23.65	22.74	21.73
		826.5	23.56	22.66	21.69
	100% RB	846.5	23.72	22.69	21.80
		836.5	23.67	22.67	21.75
		826.5	23.56	22.54	21.62
10MHz	1 RB high	844.0	24.84	23.78	22.65
		836.5	24.71	23.74	22.64
		829.0	24.65	23.64	22.54
	1 RB low	844.0	24.65	23.72	22.56

		836.5	24.58	23.60	22.50
		829.0	24.54	23.57	22.47
	50% RB mid	844.0	23.62	22.87	21.79
		836.5	23.62	22.83	21.81
		829.0	23.65	22.72	21.75
	100% RB	844.0	23.68	22.70	21.72
		836.5	23.67	22.70	21.71
		829.0	23.63	22.65	21.67
15MHz	1 RB high	841.5	24.71	23.81	22.79
		836.5	24.65	24.04	23.09
		831.5	24.59	23.99	23.02
	1 RB low	841.5	24.53	23.73	22.71
		836.5	24.48	23.88	22.86
		831.5	24.47	23.88	22.87
	50% RB mid	841.5	23.72	22.75	21.71
		836.5	23.73	22.68	21.75
		831.5	23.68	22.65	21.70
	100% RB	841.5	23.75	22.73	21.76
		836.5	23.74	22.69	21.73
		831.5	23.69	22.62	21.68

LTE band 41

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)		
			QPSK	16QAM	64QAM
5MHz	1 RB high	2687.5	24.05	23.22	22.08
		2593.0	24.04	23.24	22.06
		2498.5	24.09	23.21	22.08
	1 RB low	2687.5	24.07	23.20	22.10
		2593.0	24.08	23.25	22.10
		2498.5	24.10	23.17	22.04
	50% RB mid	2687.5	23.27	22.26	21.33
		2593.0	23.22	22.22	21.29
		2498.5	23.30	22.22	21.30
	100% RB	2687.5	23.19	22.26	21.32
		2593.0	23.17	22.21	21.31
		2498.5	23.20	22.21	21.27
10MHz	1 RB high	2685.0	24.15	23.33	22.16
		2593.0	24.13	23.34	22.16
		2501.0	24.16	23.31	22.14
	1 RB low	2685.0	24.20	23.36	22.22
		2593.0	24.21	23.38	22.21
		2501.0	24.19	23.27	22.13
	50% RB mid	2685.0	23.28	22.31	21.39
		2593.0	23.25	22.29	21.37
		2501.0	23.22	22.23	21.31
	100% RB	2685.0	23.30	22.29	21.30
		2593.0	23.24	22.25	21.27
		2501.0	23.25	22.22	21.23
15MHz	1 RB high	2682.5	24.12	23.27	22.14
		2593.0	24.10	23.31	22.12
		2503.5	24.13	23.30	22.14
	1 RB low	2682.5	24.16	23.32	22.17
		2593.0	24.18	23.37	22.19
		2503.5	24.16	23.24	22.09
	50% RB mid	2682.5	23.26	22.25	21.32
		2593.0	23.24	22.23	21.28
		2503.5	23.25	22.20	21.25
	100% RB	2682.5	23.24	22.25	21.29
		2593.0	23.22	22.23	21.28
		2503.5	23.23	22.21	21.23
20MHz	1 RB high	2680.0	24.05	23.21	22.07
		2593.0	24.03	23.23	22.04
		2506.0	24.08	23.26	22.10
	1 RB low	2680.0	24.11	23.29	22.15

		2593.0	24.13	23.32	22.13
		2506.0	24.07	23.17	22.03
	50% RB mid	2680.0	23.36	22.36	21.36
		2593.0	23.46	22.31	21.32
		2506.0	23.32	22.31	21.31
	100% RB	2680.0	23.29	22.28	21.30
		2593.0	23.27	22.25	21.25
		2506.0	23.28	22.27	21.25

LTE band 66

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)		
			QPSK	16QAM	64QAM
1.4MHz	1 RB high	1779.3	24.01	23.13	22.24
		1745.0	23.99	23.16	22.19
		1710.7	24.03	23.20	22.32
	1 RB low	1779.3	24.02	23.20	22.22
		1745.0	23.95	23.02	22.21
		1710.7	24.00	23.19	22.25
	50% RB mid	1779.3	24.15	23.04	22.28
		1745.0	24.10	22.98	22.24
		1710.7	24.15	23.09	22.34
	100% RB	1779.3	23.22	22.29	21.19
		1745.0	23.19	22.28	21.20
		1710.7	23.23	22.33	21.29
3MHz	1 RB high	1778.5	23.91	22.93	22.11
		1745.0	23.85	23.03	22.07
		1711.5	23.86	23.13	22.24
	1 RB low	1778.5	23.87	22.97	22.16
		1745.0	23.83	22.97	22.07
		1711.5	23.86	23.02	22.18
	50% RB mid	1778.5	23.13	22.20	21.20
		1745.0	23.11	22.11	21.16
		1711.5	23.14	22.23	21.24
	100% RB	1778.5	23.11	22.09	21.13
		1745.0	23.10	22.06	21.10
		1711.5	23.13	22.10	21.16
5MHz	1 RB high	1777.5	24.06	23.27	22.18
		1745.0	24.05	23.19	22.24
		1712.5	24.08	23.36	22.26
	1 RB low	1777.5	24.06	23.14	22.16
		1745.0	24.06	23.19	22.17
		1712.5	24.10	23.34	22.35
	50% RB mid	1777.5	23.22	22.21	21.25
		1745.0	23.18	22.17	21.22
		1712.5	23.22	22.22	21.28
	100% RB	1777.5	23.20	22.16	21.22
		1745.0	23.14	22.14	21.17
		1712.5	23.19	22.22	21.23
10MHz	1 RB high	1775.0	24.19	23.24	22.32
		1745.0	24.14	23.32	22.30
		1715.0	24.24	23.42	22.39
	1 RB low	1775.0	24.16	23.27	22.35

		1745.0	24.20	23.34	22.29
		1715.0	24.18	23.43	22.39
	50% RB mid	1775.0	23.22	22.20	21.23
		1745.0	23.20	22.22	21.23
		1715.0	23.23	22.24	21.25
	100% RB	1775.0	23.18	22.15	21.16
		1745.0	23.22	22.17	21.18
		1715.0	23.23	22.19	21.22
15MHz	1 RB high	1772.5	24.13	23.30	22.28
		1745.0	24.08	23.24	22.19
		1717.5	24.15	23.30	22.36
	1 RB low	1772.5	24.09	23.26	22.28
		1745.0	24.14	23.26	22.27
		1717.5	24.13	23.35	22.33
	50% RB mid	1772.5	23.21	22.15	21.25
		1745.0	23.20	22.17	21.25
		1717.5	23.24	22.22	21.28
	100% RB	1772.5	23.19	22.16	21.19
		1745.0	23.21	22.15	21.20
		1717.5	23.21	22.20	21.22
20MHz	1 RB high	1770.0	24.06	23.10	22.23
		1745.0	24.04	23.29	22.24
		1720.0	24.06	23.19	22.19
	1 RB low	1770.0	23.99	23.27	22.14
		1745.0	24.02	23.12	22.14
		1720.0	24.03	23.26	22.24
	50% RB mid	1770.0	23.28	22.23	21.26
		1745.0	23.27	22.23	21.27
		1720.0	23.28	22.24	21.30
	100% RB	1770.0	23.16	22.13	21.17
		1745.0	23.16	22.12	21.17
		1720.0	23.19	22.17	21.20

LTE CA band 7C

Bandwidth	Frequency (MHz)	Frequency (MHz)	Modulation	PCC RB		SCC RB		Conducted Power(dBm)
				Size	Offset	Size	Offset	
10MHz/20MHz	2525.6	2540.0	QPSK	1	49	1	0	24.08
			QPSK	50	0	100	0	21.99
			16QAM	1	49	1	0	23.18
			16QAM	50	0	100	0	21.01
			64QAM	1	49	1	0	20.96
			64QAM	50	0	100	0	21.01
15MHz/10MHz	2530.1	2542.1	QPSK	1	74	1	0	24.13
			QPSK	75	0	50	0	22.09
			16QAM	1	74	1	0	23.17
			16QAM	75	0	50	0	21.08
			64QAM	1	74	1	0	20.96
			64QAM	75	0	50	0	21.10
15MHz/15MHz	2527.5	2542.5	QPSK	1	74	1	0	24.15
			QPSK	75	0	75	0	22.06
			16QAM	1	74	1	0	23.23
			16QAM	75	0	75	0	21.06
			64QAM	1	74	1	0	21.32
			64QAM	75	0	75	0	21.08
15MHz/20MHz	2525.3	2542.4	QPSK	1	74	1	0	24.16
			QPSK	75	0	100	0	22.06
			16QAM	1	74	1	0	22.99
			16QAM	75	0	100	0	21.01
			64QAM	1	74	1	0	21.25
			64QAM	75	0	100	0	21.04
20MHz/10MHz	2530.1	2544.5	QPSK	1	99	1	0	24.09
			QPSK	100	0	50	0	22.08
			16QAM	1	99	1	0	23.00
			16QAM	100	0	50	0	21.05
			64QAM	1	99	1	0	20.95
			64QAM	100	0	50	0	21.09
20MHz/15MHz	2527.6	2544.7	QPSK	1	99	1	0	24.14
			QPSK	100	0	75	0	22.01
			16QAM	1	99	1	0	23.08
			16QAM	100	0	75	0	21.02
			64QAM	1	99	1	0	21.07
			64QAM	100	0	75	0	20.98
20MHz/20MHz	2525.1	2544.9	QPSK	1	99	1	0	24.21
			QPSK	100	0	100	0	22.00
			16QAM	1	99	1	0	23.22
			16QAM	100	0	100	0	21.00

			64QAM	1	99	1	0	21.37
			64QAM	100	0	100	0	21.01

LTE CA band 38C

Bandwidth	Frequency (MHz)	Frequency (MHz)	Modulation	PCC RB		SCC RB		Conducted Power(dBm)
				Size	Offset	Size	Offset	
15MHz/15MHz	2587.5	2602.5	QPSK	1	74	1	0	24.10
			QPSK	75	0	75	0	22.00
			16QAM	1	74	1	0	23.21
			16QAM	75	0	75	0	20.97
			64QAM	1	74	1	0	20.92
			64QAM	75	0	75	0	21.01
20MHz/20MHz	2585.1	2604.9	QPSK	1	99	1	0	24.17
			QPSK	100	0	100	0	21.89
			16QAM	1	99	1	0	23.15
			16QAM	100	0	100	0	20.88
			64QAM	1	99	1	0	21.29
			64QAM	100	0	100	0	20.93

ANT4:

LTE band 2

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)		
			QPSK	16QAM	64QAM
1.4MHz	1 RB high	1909.3	24.63	23.43	22.74
		1880.0	24.40	23.71	22.60
		1850.7	24.66	23.86	22.81
	1 RB low	1909.3	24.44	23.88	22.74
		1880.0	24.35	23.74	22.80
		1850.7	24.48	23.69	22.72
	50% RB mid	1909.3	24.65	23.92	22.92
		1880.0	24.68	23.84	22.76
		1850.7	24.69	24.05	22.75
	100% RB	1909.3	23.87	22.79	21.71
		1880.0	23.70	22.62	21.85
		1850.7	23.72	22.60	21.94
3MHz	1 RB high	1908.5	24.31	23.62	22.60
		1880.0	24.40	23.53	22.60
		1851.5	24.52	23.80	22.86
	1 RB low	1908.5	24.66	23.53	22.58
		1880.0	24.63	23.63	22.77
		1851.5	24.46	23.60	22.83
	50% RB mid	1908.5	23.88	22.51	21.68
		1880.0	23.87	22.69	21.88
		1851.5	23.92	22.83	21.86
	100% RB	1908.5	23.67	22.60	21.81
		1880.0	23.56	22.51	21.70
		1851.5	23.75	22.85	21.81
5MHz	1 RB high	1907.5	24.38	23.73	22.79
		1880.0	24.41	23.82	22.70
		1852.5	24.52	23.73	22.81
	1 RB low	1907.5	24.50	23.88	22.54
		1880.0	24.62	23.75	22.80
		1852.5	24.62	23.82	22.54
	50% RB mid	1907.5	23.72	22.87	21.72
		1880.0	23.70	22.84	21.80
		1852.5	23.79	22.86	21.78
	100% RB	1907.5	23.70	22.69	21.53
		1880.0	23.67	22.61	21.81
		1852.5	23.70	22.62	21.81
10MHz	1 RB high	1905.0	24.48	23.51	22.56
		1880.0	24.35	23.51	22.76
		1855.0	24.71	23.57	22.66

	1 RB low	1905.0	24.54	23.57	22.70
		1880.0	24.33	23.65	22.91
		1855.0	24.59	23.73	22.82
	50% RB mid	1905.0	23.92	22.65	21.70
		1880.0	23.77	22.71	21.91
		1855.0	23.73	22.83	21.76
	100% RB	1905.0	23.60	22.61	21.77
		1880.0	23.50	22.82	21.84
		1855.0	23.80	22.63	21.64
15MHz	1 RB high	1902.5	24.62	23.45	22.80
		1880.0	24.64	23.54	22.84
		1857.5	24.64	23.89	22.88
	1 RB low	1902.5	24.51	23.80	22.66
		1880.0	24.65	23.86	22.79
		1857.5	24.50	23.79	22.78
	50% RB mid	1902.5	23.67	22.87	21.57
		1880.0	23.78	22.88	21.73
		1857.5	23.71	22.60	21.69
	100% RB	1902.5	23.68	22.46	21.56
		1880.0	23.59	22.78	21.75
		1857.5	23.85	22.75	21.92
20MHz	1 RB high	1900.0	24.46	23.61	22.64
		1880.0	24.50	23.65	22.70
		1860.0	24.54	23.71	22.80
	1 RB low	1900.0	24.48	23.71	22.66
		1880.0	24.50	23.80	22.73
		1860.0	24.58	23.75	22.71
	50% RB mid	1900.0	23.76	22.69	21.72
		1880.0	23.73	22.74	21.78
		1860.0	23.80	22.78	21.82
	100% RB	1900.0	23.68	22.64	21.70
		1880.0	23.65	22.65	21.67
		1860.0	23.76	22.74	21.76

LTE band 7

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)		
			QPSK	16QAM	64QAM
5MHz	1 RB high	2567.5	24.26	23.51	22.40
		2535.0	24.23	23.44	22.41
		2502.5	24.44	23.54	22.76
	1 RB low	2567.5	24.46	23.52	22.45
		2535.0	24.54	23.56	22.69
		2502.5	24.53	23.61	22.60
	50% RB mid	2567.5	23.46	22.58	21.77
		2535.0	23.54	22.63	21.62
		2502.5	23.55	22.48	21.58
	100% RB	2567.5	23.63	22.40	21.67
		2535.0	23.44	22.43	21.52
		2502.5	23.64	22.66	21.75
10MHz	1 RB high	2565.0	24.39	23.49	22.45
		2535.0	24.50	23.48	22.40
		2505.0	24.56	23.53	22.41
	1 RB low	2565.0	24.34	23.46	22.49
		2535.0	24.53	23.48	22.63
		2505.0	24.57	23.65	22.56
	50% RB mid	2565.0	23.74	22.54	21.52
		2535.0	23.71	22.66	21.80
		2505.0	23.63	22.44	21.56
	100% RB	2565.0	23.67	22.50	21.56
		2535.0	23.57	22.60	21.35
		2505.0	23.72	22.64	21.45
15MHz	1 RB high	2562.5	24.47	23.55	22.48
		2535.0	24.55	23.49	22.39
		2507.5	24.26	23.44	22.70
	1 RB low	2562.5	24.42	23.47	22.70
		2535.0	24.34	23.70	22.55
		2507.5	24.50	23.44	22.67
	50% RB mid	2562.5	23.82	22.78	21.49
		2535.0	23.74	22.57	21.50
		2507.5	23.70	22.58	21.54
	100% RB	2562.5	23.38	22.64	21.46
		2535.0	23.47	22.42	21.63
		2507.5	23.53	22.43	21.72
20MHz	1 RB high	2560.0	24.34	23.50	22.57
		2535.0	24.41	23.55	22.57
		2510.0	24.43	23.61	22.59
	1 RB low	2560.0	24.43	23.64	22.52

		2535.0	24.39	23.56	22.60
		2510.0	24.39	23.51	22.51
	50% RB mid	2560.0	23.64	22.60	21.61
		2535.0	23.68	22.63	21.64
		2510.0	23.62	22.62	21.66
	100% RB	2560.0	23.52	22.48	21.53
		2535.0	23.55	22.49	21.53
		2510.0	23.59	22.54	21.61

LTE band 12

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)		
			QPSK	16QAM	64QAM
1.4MHz	1 RB high	715.3	24.14	23.38	22.10
		707.5	24.14	23.58	22.37
		699.7	24.35	23.41	22.30
	1 RB low	715.3	24.40	23.33	22.52
		707.5	24.37	23.52	22.49
		699.7	24.19	23.43	22.40
	50% RB mid	715.3	24.12	23.57	22.56
		707.5	24.45	23.33	22.59
		699.7	24.26	23.42	22.59
	100% RB	715.3	23.18	22.19	21.09
		707.5	23.21	22.10	21.27
		699.7	23.30	22.36	21.47
3MHz	1 RB high	714.5	24.38	23.38	22.00
		707.5	24.13	23.28	22.36
		700.5	24.28	23.38	22.33
	1 RB low	714.5	24.10	23.33	22.60
		707.5	24.35	23.66	22.45
		700.5	24.39	23.53	22.52
	50% RB mid	714.5	23.36	22.33	21.44
		707.5	23.35	22.42	21.43
		700.5	23.38	22.26	21.40
	100% RB	714.5	23.34	22.29	21.18
		707.5	23.22	22.09	21.33
		700.5	23.18	22.35	21.21
5MHz	1 RB high	713.5	24.37	23.32	22.11
		707.5	24.19	23.41	22.30
		701.5	24.20	23.42	22.19
	1 RB low	713.5	24.14	23.28	22.54
		707.5	24.42	23.62	22.56
		701.5	24.22	23.55	22.66
	50% RB mid	713.5	23.31	22.16	21.18
		707.5	23.45	22.17	21.25
		701.5	23.34	22.37	21.49
	100% RB	713.5	23.25	22.32	21.09
		707.5	23.08	22.35	21.12
		701.5	23.16	22.30	21.39
10MHz	1 RB high	711.0	24.22	23.21	22.16
		707.5	24.21	23.44	22.43
		704.0	24.17	23.48	22.35
	1 RB low	711.0	24.27	23.45	22.50

		707.5	24.26	23.58	22.45
		704.0	24.29	23.51	22.54
	50% RB mid	711.0	23.31	22.31	21.35
		707.5	23.37	22.34	21.36
		704.0	23.32	22.37	21.38
	100% RB	711.0	23.24	22.19	21.23
		707.5	23.26	22.26	21.29
		704.0	23.29	22.26	21.29

LTE band 13

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)		
			QPSK	16QAM	64QAM
5MHz	1 RB high	784.5	24.38	23.56	22.47
		782.0	24.48	23.73	22.75
		779.5	24.44	23.74	22.55
	1 RB low	784.5	24.27	23.52	22.63
		782.0	24.26	23.83	22.63
		779.5	24.24	23.58	22.72
	50% RB mid	784.5	23.29	22.37	21.42
		782.0	23.31	22.59	21.40
		779.5	23.35	22.29	21.22
	100% RB	784.5	23.51	22.21	21.40
		782.0	23.48	22.57	21.66
		779.5	23.26	22.49	21.42
10MHz	1 RB high	782.0	24.32	23.45	22.49
	1 RB low	782.0	24.41	23.65	22.61
	50% RB mid	782.0	23.44	22.42	21.49
	100% RB	782.0	23.36	22.34	21.36

LTE band 26(814MHz~824MHz)

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)		
			QPSK	16QAM	64QAM
1.4MHz	1 RB high	823.3	24.27	23.32	22.37
		819.0	24.31	23.33	22.35
		814.7	24.33	23.30	22.74
	1 RB low	823.3	24.23	23.26	22.27
		819.0	24.29	23.31	22.32
		814.7	24.35	23.30	22.73
	50% RB mid	823.3	24.36	23.56	22.64
		819.0	24.41	23.59	22.69
		814.7	24.40	23.55	22.66
	100% RB	823.3	23.48	22.38	21.81
		819.0	23.52	22.44	21.86
		814.7	23.53	22.41	21.84
3MHz	1 RB high	822.5	24.13	23.21	22.18
		819.0	24.09	23.20	22.19
		815.5	24.19	23.23	22.17
	1 RB low	822.5	24.09	23.15	22.24
		819.0	24.14	23.17	22.21
		815.5	24.23	23.17	22.22
	50% RB mid	822.5	23.33	22.45	21.33
		819.0	23.38	22.49	21.36
		815.5	23.44	22.45	21.39
	100% RB	822.5	23.34	22.33	21.40
		819.0	23.34	22.32	21.47
		815.5	23.35	22.31	21.39
5MHz	1 RB high	821.5	24.38	23.51	22.65
		819.0	24.38	23.47	22.64
		816.5	24.41	23.53	22.67
	1 RB low	821.5	24.36	23.47	22.65
		819.0	24.40	23.47	22.62
		816.5	24.43	23.47	22.61
	50% RB mid	821.5	23.49	22.56	21.57
		819.0	23.51	22.57	21.62
		816.5	23.53	22.57	21.61
	100% RB	821.5	23.47	22.47	21.57
		819.0	23.47	22.49	21.56
		816.5	23.46	22.48	21.59
10MHz	1 RB high	819.0	24.45	23.53	22.41
	1 RB low	819.0	24.55	23.48	22.37
	50% RB mid	819.0	23.48	22.68	21.64
	100% RB	819.0	23.45	22.51	21.51

LTE band 26(824MHz~849MHz)

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)		
			QPSK	16QAM	64QAM
1.4MHz	1 RB high	848.3	24.35	23.47	22.53
		836.5	24.26	23.34	22.43
		824.7	24.31	23.37	22.83
	1 RB low	848.3	24.30	23.46	22.59
		836.5	24.30	23.31	22.38
		824.7	24.33	23.35	22.88
	50% RB mid	848.3	24.46	23.61	22.69
		836.5	24.40	23.64	22.53
		824.7	24.40	23.60	22.70
	100% RB	848.3	23.55	22.48	21.90
		836.5	23.53	22.69	21.64
		824.7	23.52	22.42	21.82
3MHz	1 RB high	847.5	24.22	23.24	22.18
		836.5	24.13	23.21	22.18
		825.5	24.17	23.25	22.21
	1 RB low	847.5	24.17	23.17	22.20
		836.5	24.14	23.15	22.22
		825.5	24.19	23.22	22.27
	50% RB mid	847.5	23.42	22.52	21.38
		836.5	23.36	22.50	21.35
		825.5	23.39	22.45	21.35
	100% RB	847.5	23.39	22.40	21.49
		836.5	23.37	22.34	21.44
		825.5	23.31	22.31	21.40
5MHz	1 RB high	846.5	24.45	23.51	22.67
		836.5	24.38	23.51	22.66
		826.5	24.40	23.51	22.63
	1 RB low	846.5	24.38	23.47	22.63
		836.5	24.37	23.51	22.65
		826.5	24.37	23.50	22.65
	50% RB mid	846.5	23.49	22.59	21.61
		836.5	23.49	22.59	21.60
		826.5	23.45	22.57	21.53
	100% RB	846.5	23.51	22.49	21.62
		836.5	23.48	22.48	21.58
		826.5	23.43	22.43	21.52
10MHz	1 RB high	844.0	24.59	23.56	22.44
		836.5	24.53	23.58	22.46
		829.0	24.47	23.45	22.39
	1 RB low	844.0	24.48	23.55	22.45

		836.5	24.44	23.44	22.34
		829.0	24.45	23.48	22.36
	50% RB mid	844.0	23.48	22.71	21.63
		836.5	23.46	22.68	21.63
		829.0	23.53	22.58	21.69
	100% RB	844.0	23.46	22.51	21.55
		836.5	23.50	22.51	21.55
		829.0	23.48	22.54	21.50
15MHz	1 RB high	841.5	24.49	23.85	22.86
		836.5	24.48	23.92	22.92
		831.5	24.41	23.86	22.85
	1 RB low	841.5	24.40	23.83	22.84
		836.5	24.37	23.73	22.74
		831.5	24.36	23.76	22.79
	50% RB mid	841.5	23.54	22.58	21.58
		836.5	23.51	22.51	21.56
		831.5	23.55	22.51	21.57
	100% RB	841.5	23.57	22.54	21.64
		836.5	23.54	22.53	21.59
		831.5	23.55	22.53	21.57

LTE band 41

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)		
			QPSK	16QAM	64QAM
5MHz	1 RB high	2687.5	24.18	23.06	22.06
		2593.0	24.32	23.24	22.01
		2498.5	24.55	23.22	22.12
	1 RB low	2687.5	24.50	23.45	21.88
		2593.0	24.14	23.28	22.01
		2498.5	24.40	23.18	21.94
	50% RB mid	2687.5	23.57	22.23	21.28
		2593.0	23.57	22.31	21.47
		2498.5	23.38	22.25	21.38
	100% RB	2687.5	23.36	22.49	21.51
		2593.0	23.32	22.39	21.44
		2498.5	23.39	22.36	21.55
10MHz	1 RB high	2685.0	24.39	23.24	21.77
		2593.0	24.21	23.36	21.77
		2501.0	24.53	23.42	22.13
	1 RB low	2685.0	24.15	23.25	21.83
		2593.0	24.28	23.20	22.11
		2501.0	24.45	23.21	22.03
	50% RB mid	2685.0	23.67	22.20	21.41
		2593.0	23.40	22.39	21.54
		2501.0	23.47	22.42	21.55
	100% RB	2685.0	23.23	22.41	21.37
		2593.0	23.24	22.18	21.39
		2501.0	23.35	22.52	21.49
15MHz	1 RB high	2682.5	24.06	23.19	22.06
		2593.0	24.40	23.25	21.97
		2503.5	24.49	23.33	21.88
	1 RB low	2682.5	24.18	23.18	21.95
		2593.0	24.44	23.39	21.89
		2503.5	24.18	23.39	22.07
	50% RB mid	2682.5	23.70	22.51	21.25
		2593.0	23.54	22.18	21.41
		2503.5	23.47	22.22	21.40
	100% RB	2682.5	23.30	22.33	21.40
		2593.0	23.38	22.21	21.46
		2503.5	23.51	22.19	21.27
20MHz	1 RB high	2680.0	24.21	23.24	21.89
		2593.0	24.22	23.26	21.87
		2506.0	24.38	23.36	22.04
	1 RB low	2680.0	24.32	23.31	21.96

		2593.0	24.29	23.33	21.99
		2506.0	24.35	23.28	21.99
	50% RB mid	2680.0	23.54	22.34	21.40
		2593.0	23.57	22.35	21.43
		2506.0	23.51	22.36	21.41
	100% RB	2680.0	23.35	22.32	21.33
		2593.0	23.35	22.33	21.34
		2506.0	23.33	22.37	21.37

LTE band 66

Bandwidth	RB size/offset	Frequency (MHz)	Power (dBm)		
			QPSK	16QAM	64QAM
1.4MHz	1 RB high	1779.3	24.21	23.22	22.39
		1745.0	24.17	23.36	22.60
		1710.7	24.09	23.16	22.18
	1 RB low	1779.3	24.18	23.37	22.19
		1745.0	24.09	23.15	22.33
		1710.7	24.29	23.29	22.36
	50% RB mid	1779.3	24.48	23.38	22.34
		1745.0	24.11	23.46	22.42
		1710.7	24.40	23.50	22.52
	100% RB	1779.3	23.44	22.51	21.18
		1745.0	23.27	22.23	21.20
		1710.7	23.19	22.41	21.33
3MHz	1 RB high	1778.5	24.46	23.38	22.48
		1745.0	24.21	23.55	22.32
		1711.5	24.03	23.16	22.45
	1 RB low	1778.5	24.16	23.37	22.26
		1745.0	24.09	23.19	22.09
		1711.5	23.99	23.37	22.33
	50% RB mid	1778.5	23.56	22.46	21.48
		1745.0	23.27	22.34	21.55
		1711.5	23.26	22.48	21.25
	100% RB	1778.5	23.30	22.31	21.19
		1745.0	23.15	22.33	21.45
		1711.5	23.38	22.27	21.31
5MHz	1 RB high	1777.5	24.24	23.53	22.58
		1745.0	24.05	23.44	22.34
		1712.5	24.06	23.40	22.36
	1 RB low	1777.5	24.25	23.14	22.39
		1745.0	24.18	23.16	22.09
		1712.5	24.01	23.59	22.34
	50% RB mid	1777.5	23.47	22.44	21.44
		1745.0	23.29	22.33	21.35
		1712.5	23.38	22.49	21.54
	100% RB	1777.5	23.38	22.38	21.43
		1745.0	23.48	22.39	21.41
		1712.5	23.38	22.39	21.12
10MHz	1 RB high	1775.0	24.34	23.34	22.51
		1745.0	24.03	23.51	22.57
		1715.0	24.19	23.24	22.46
	1 RB low	1775.0	23.99	23.37	22.16

		1745.0	24.06	23.18	22.09
		1715.0	24.30	23.58	22.36
	50% RB mid	1775.0	23.43	22.33	21.50
		1745.0	23.24	22.19	21.42
		1715.0	23.34	22.28	21.47
	100% RB	1775.0	23.38	22.27	21.20
		1745.0	23.45	22.37	21.46
		1715.0	23.13	22.39	21.12
15MHz	1 RB high	1772.5	24.21	23.23	22.35
		1745.0	24.29	23.58	22.34
		1717.5	24.27	23.21	22.28
	1 RB low	1772.5	24.32	23.33	22.28
		1745.0	24.20	23.45	22.42
		1717.5	24.15	23.38	22.21
	50% RB mid	1772.5	23.58	22.28	21.42
		1745.0	23.45	22.35	21.27
		1717.5	23.34	22.23	21.33
	100% RB	1772.5	23.44	22.25	21.48
		1745.0	23.28	22.36	21.49
		1717.5	23.45	22.21	21.39
20MHz	1 RB high	1770.0	24.30	23.40	22.48
		1745.0	24.21	23.42	22.46
		1720.0	24.15	23.34	22.36
	1 RB low	1770.0	24.17	23.27	22.32
		1745.0	24.13	23.32	22.26
		1720.0	24.16	23.42	22.36
	50% RB mid	1770.0	23.52	22.43	21.46
		1745.0	23.42	22.36	21.41
		1720.0	23.35	22.33	21.36
	100% RB	1770.0	23.39	22.34	21.36
		1745.0	23.30	22.28	21.31
		1720.0	23.28	22.25	21.29

LTE CA band 7C

Bandwidth	Frequency (MHz)	Frequency (MHz)	Modulation	PCC RB		SCC RB		Conducted Power(dBm)
				Size	Offset	Size	Offset	
10MHz/20MHz	2525.6	2540.0	QPSK	1	49	1	0	24.23
			QPSK	50	0	100	0	22.14
			16QAM	1	49	1	0	23.33
			16QAM	50	0	100	0	21.16
			64QAM	1	49	1	0	21.10
			64QAM	50	0	100	0	21.15
15MHz/10MHz	2530.1	2542.1	QPSK	1	74	1	0	24.23
			QPSK	75	0	50	0	22.30
			16QAM	1	74	1	0	23.11
			16QAM	75	0	50	0	21.23
			64QAM	1	74	1	0	21.13
			64QAM	75	0	50	0	21.27
15MHz/15MHz	2527.5	2542.5	QPSK	1	74	1	0	24.36
			QPSK	75	0	75	0	22.26
			16QAM	1	74	1	0	23.42
			16QAM	75	0	75	0	21.19
			64QAM	1	74	1	0	21.15
			64QAM	75	0	75	0	21.19
15MHz/20MHz	2525.3	2542.4	QPSK	1	74	1	0	24.28
			QPSK	75	0	100	0	22.12
			16QAM	1	74	1	0	23.15
			16QAM	75	0	100	0	21.13
			64QAM	1	74	1	0	21.38
			64QAM	75	0	100	0	21.16
20MHz/10MHz	2530.1	2544.5	QPSK	1	99	1	0	24.30
			QPSK	100	0	50	0	22.23
			16QAM	1	99	1	0	23.30
			16QAM	100	0	50	0	21.18
			64QAM	1	99	1	0	21.46
			64QAM	100	0	50	0	21.22
20MHz/15MHz	2527.6	2544.7	QPSK	1	99	1	0	24.34
			QPSK	100	0	75	0	22.19
			16QAM	1	99	1	0	23.37
			16QAM	100	0	75	0	21.14
			64QAM	1	99	1	0	21.52
			64QAM	100	0	75	0	21.19
20MHz/20MHz	2525.1	2544.9	QPSK	1	99	1	0	24.37
			QPSK	100	0	100	0	22.10
			16QAM	1	99	1	0	23.38
			16QAM	100	0	100	0	21.10

			64QAM	1	99	1	0	21.52
			64QAM	100	0	100	0	21.12

LTE CA band 38C

Bandwidth	Frequency (MHz)	Frequency (MHz)	Modulation	PCC RB		SCC RB		Conducted Power(dBm)
				Size	Offset	Size	Offset	
15MHz/15MHz	2587.5	2602.5	QPSK	1	74	1	0	24.27
			QPSK	75	0	75	0	22.11
			16QAM	1	74	1	0	23.09
			16QAM	75	0	75	0	21.13
			64QAM	1	74	1	0	21.31
			64QAM	75	0	75	0	21.14
20MHz/20MHz	2585.1	2604.9	QPSK	1	99	1	0	24.32
			QPSK	100	0	100	0	22.11
			16QAM	1	99	1	0	23.19
			16QAM	100	0	100	0	21.05
			64QAM	1	99	1	0	21.14
			64QAM	100	0	100	0	21.09

A.1.3 Radiated

A.1.3.1 Description

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

FDD Band 2: Part 24.232(c) specifies "Mobile and portable stations are limited to 2 watts EIRP".

FDD Band 7/TDD Band 38/41: Part 27.50(h)(2) specifies "Mobile stations are limited to 2.0 watts EIRP".

FDD Band 12: Part 27.50(c)(10) specifies "Portable stations(hand-held devices) in the 600 MHz uplink band and the 698–746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP".

FDD Band 13: Part 27.50(b) specifies "Portable stations(hand-held devices) transmitting in the 746–757 MHz, 776–788 MHz, and 805–806 MHz bands are limited to 3 watts ERP".

LTE Band 26(814MHz~824MHz): Part 90.635(b) specifies "The maximum output power of the transmitter for mobile stations is 100 watts".

FDD Band 26(824MHz~849MHz): Part 22.913(a) specifies "The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts".

FDD Band 66: Part 27.50(d)(4) specifies "Fixed, mobile, and portable(handheld) stations operating in the 1710–1755 MHz band and mobile and portable stations operating in the 1695–1710 MHz and 1755–1780 MHz bands are limited to 1 watt EIRP".

A.1.3.2 Method of Measurement

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:

$$\mathbf{ERP\ or\ EIRP} = \mathbf{P_T} + \mathbf{G_T} - \mathbf{L_C}$$

where;

- $\mathbf{ERP\ or\ EIRP}$ = effective radiated power or equivalent isotropically radiated power(expressed in the same units as P_T.
- $\mathbf{P_T}$ = transmitter output power, in this report the unit express as dBm;
- $\mathbf{G_T}$ = gain of the transmitting antenna, in dBd(ERP) or dBi(EIRP);
- $\mathbf{L_C}$ = signal attenuation in the connecting cable between the transmitter and antenna, in dB.

Alternatively, the EIRP can be determined from Equation above and then converted to ERP based on the maximum antenna gain relationship by applying the following equation:

$$\mathbf{ERP} = \mathbf{EIRP} - \mathbf{2.15dB}$$

Note: The antenna gain information was provided by the client. The laboratory is not responsible for identifying its authenticity during the test.

A.1.3.3 Limits and Measurement Results

ANT1:

LTE Band 2-EIRP

Limits: ≤33dBm(2W)

Bandwidth	RB size/offset	Frequency (MHz)	Conducted Power(dBm)			EIRP(dBm)(Gt-Lc =-2.18)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4MHz	1 RB high	1909.3	24.22	23.37	22.47	22.04	21.19	20.29
		1880	24.25	23.55	22.55	22.07	21.37	20.37
		1850.7	24.35	23.47	22.61	22.17	21.29	20.43
	1 RB low	1909.3	24.21	23.30	22.42	22.03	21.12	20.24
		1880	24.25	23.57	22.55	22.07	21.39	20.37
		1850.7	24.39	23.51	22.60	22.21	21.33	20.42
	50% RB mid	1909.3	24.36	23.20	22.50	22.18	21.02	20.32
		1880	24.39	23.41	22.60	22.21	21.23	20.42
		1850.7	24.52	23.43	22.59	22.34	21.25	20.41
	100% RB	1909.3	23.43	22.51	21.47	21.25	20.33	19.29
		1880	23.49	22.59	21.56	21.31	20.41	19.38
		1850.7	23.60	22.68	21.62	21.42	20.50	19.44
3MHz	1 RB high	1908.5	24.15	23.31	22.36	21.97	21.13	20.18
		1880	24.18	23.38	22.57	22.00	21.20	20.39
		1851.5	24.26	23.36	22.47	22.08	21.18	20.29
	1 RB low	1908.5	24.10	23.19	22.38	21.92	21.01	20.20
		1880	24.18	23.43	22.49	22.00	21.25	20.31
		1851.5	24.27	23.41	22.52	22.09	21.23	20.34
	50% RB mid	1908.5	23.36	22.42	21.46	21.18	20.24	19.28
		1880	23.45	22.53	21.56	21.27	20.35	19.38
		1851.5	23.53	22.56	21.58	21.35	20.38	19.40
	100% RB	1908.5	23.36	22.32	21.38	21.18	20.14	19.20
		1880	23.40	22.44	21.42	21.22	20.26	19.24
		1851.5	23.52	22.49	21.54	21.34	20.31	19.36
5MHz	1 RB high	1907.5	24.32	23.51	22.49	22.14	21.33	20.31
		1880	24.37	23.58	22.62	22.19	21.40	20.44
		1852.5	24.43	23.64	22.71	22.25	21.46	20.53
	1 RB low	1907.5	24.32	23.46	22.45	22.14	21.28	20.27
		1880	24.39	23.60	22.65	22.21	21.42	20.47
		1852.5	24.46	23.65	22.67	22.28	21.47	20.49
	50% RB mid	1907.5	23.44	22.46	21.56	21.26	20.28	19.38
		1880	23.53	22.57	21.60	21.35	20.39	19.42
		1852.5	23.62	22.60	21.67	21.44	20.42	19.49
	100% RB	1907.5	23.44	22.44	21.47	21.26	20.26	19.29
		1880	23.50	22.54	21.55	21.32	20.36	19.37

		1852.5	23.56	22.60	21.60	21.38	20.42	19.42
10MHz	1 RB high	1905	24.44	23.47	22.62	22.26	21.29	20.44
		1880	24.48	23.67	22.68	22.30	21.49	20.50
		1855	24.53	23.74	22.70	22.35	21.56	20.52
	1 RB low	1905	24.42	23.64	22.60	22.24	21.46	20.42
		1880	24.50	23.78	22.69	22.32	21.60	20.51
		1855	24.52	23.66	22.69	22.34	21.48	20.51
	50% RB mid	1905	23.49	22.49	21.56	21.31	20.31	19.38
		1880	23.55	22.58	21.63	21.37	20.40	19.45
		1855	23.60	22.62	21.66	21.42	20.44	19.48
	100% RB	1905	23.46	22.44	21.51	21.28	20.26	19.33
		1880	23.52	22.53	21.55	21.34	20.35	19.37
		1855	23.57	22.58	21.59	21.39	20.40	19.41
15MHz	1 RB high	1902.5	24.32	23.49	22.49	22.14	21.31	20.31
		1880	24.39	23.59	22.64	22.21	21.41	20.46
		1857.5	24.47	23.62	22.71	22.29	21.44	20.53
	1 RB low	1902.5	24.37	23.59	22.58	22.19	21.41	20.40
		1880	24.43	23.66	22.70	22.25	21.48	20.52
		1857.5	24.49	23.55	22.71	22.31	21.37	20.53
	50% RB mid	1902.5	23.46	22.48	21.52	21.28	20.30	19.34
		1880	23.52	22.54	21.61	21.34	20.36	19.43
		1857.5	23.56	22.58	21.64	21.38	20.40	19.46
	100% RB	1902.5	23.48	22.47	21.48	21.30	20.29	19.30
		1880	23.51	22.52	21.54	21.33	20.34	19.36
		1857.5	23.57	22.55	21.59	21.39	20.37	19.41
20MHz	1 RB high	1900	24.29	23.48	22.42	22.11	21.30	20.24
		1880	24.33	23.53	22.58	22.15	21.35	20.40
		1860	24.40	23.62	22.63	22.22	21.44	20.45
	1 RB low	1900	24.31	23.47	22.47	22.13	21.29	20.29
		1880	24.35	23.63	22.54	22.17	21.45	20.36
		1860	24.42	23.48	22.56	22.24	21.30	20.38
	50% RB mid	1900	23.54	22.51	21.54	21.36	20.33	19.36
		1880	23.66	22.57	21.60	21.48	20.39	19.42
		1860	23.65	22.64	21.64	21.47	20.46	19.46
	100% RB	1900	23.47	22.42	21.44	21.29	20.24	19.26
		1880	23.50	22.49	21.52	21.32	20.31	19.34
		1860	23.58	22.58	21.61	21.40	20.40	19.43

LTE Band 7-EIRP

Limits: ≤33dBm(2W)

Bandwidth	RB size/offset	Frequency (MHz)	Conducted Power(dBm)			EIRP(dBm)(Gt-Lc =-0.69)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5MHz	1 RB high	2567.5	24.27	23.43	22.39	23.58	22.74	21.70
		2535	24.23	23.49	22.43	23.54	22.80	21.74
		2502.5	24.21	23.28	22.30	23.52	22.59	21.61
	1 RB low	2567.5	24.25	23.43	22.41	23.56	22.74	21.72
		2535	24.23	23.37	22.37	23.54	22.68	21.68
		2502.5	24.19	23.42	22.34	23.50	22.73	21.65
	50% RB mid	2567.5	23.44	22.41	21.49	22.75	21.72	20.80
		2535	23.39	22.38	21.44	22.70	21.69	20.75
		2502.5	23.36	22.30	21.40	22.67	21.61	20.71
	100% RB	2567.5	23.43	22.41	21.42	22.74	21.72	20.73
		2535	23.39	22.37	21.43	22.70	21.68	20.74
		2502.5	23.35	22.34	21.37	22.66	21.65	20.68
10MHz	1 RB high	2565	24.32	23.47	22.51	23.63	22.78	21.82
		2535	24.28	23.49	22.45	23.59	22.80	21.76
		2505	24.26	23.35	22.45	23.57	22.66	21.76
	1 RB low	2565	24.30	23.54	22.48	23.61	22.85	21.79
		2535	24.27	23.53	22.45	23.58	22.84	21.76
		2505	24.24	23.32	22.37	23.55	22.63	21.68
	50% RB mid	2565	23.41	22.42	21.47	22.72	21.73	20.78
		2535	23.40	22.43	21.43	22.71	21.74	20.74
		2505	23.34	22.32	21.36	22.65	21.63	20.67
	100% RB	2565	23.39	22.33	21.41	22.70	21.64	20.72
		2535	23.41	22.37	21.42	22.72	21.68	20.73
		2505	23.35	22.31	21.36	22.66	21.62	20.67
15MHz	1 RB high	2562.5	24.27	23.48	22.38	23.58	22.79	21.69
		2535	24.24	23.46	22.40	23.55	22.77	21.71
		2507.5	24.20	23.43	22.31	23.51	22.74	21.62
	1 RB low	2562.5	24.25	23.40	22.46	23.56	22.71	21.77
		2535	24.25	23.43	22.45	23.56	22.74	21.76
		2507.5	24.17	23.26	22.33	23.48	22.57	21.64
	50% RB mid	2562.5	23.39	22.38	21.41	22.70	21.69	20.72
		2535	23.36	22.34	21.38	22.67	21.65	20.69
		2507.5	23.30	22.27	21.31	22.61	21.58	20.62
	100% RB	2562.5	23.34	22.31	21.35	22.65	21.62	20.66
		2535	23.35	22.33	21.36	22.66	21.64	20.67
		2507.5	23.30	22.21	21.25	22.61	21.52	20.56
20MHz	1 RB high	2560	24.20	23.32	22.37	23.51	22.63	21.68

		2535	24.20	23.34	22.41	23.51	22.65	21.72
		2510	24.12	23.31	22.31	23.43	22.62	21.62
	1 RB low	2560	24.22	23.34	22.32	23.53	22.65	21.63
		2535	24.13	23.30	22.33	23.44	22.61	21.64
		2510	24.07	23.21	22.16	23.38	22.52	21.47
	50% RB mid	2560	23.44	22.40	21.46	22.75	21.71	20.77
		2535	23.45	22.41	21.43	22.76	21.72	20.74
		2510	23.38	22.31	21.33	22.69	21.62	20.64
	100% RB	2560	23.34	22.29	21.33	22.65	21.60	20.64
		2535	23.34	22.27	21.33	22.65	21.58	20.64
		2510	23.25	22.19	21.24	22.56	21.50	20.55

LTE Band 12-ERP

Limits: ≤34.77dBm(3W)

Bandwidth	RB size/offset	Frequency (MHz)	Conducted Power(dBm)			ERP(dBm)(Gt-Lc =-5.31)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4MHz	1 RB high	715.3	24.04	22.95	22.06	16.58	15.49	14.60
		707.5	23.89	23.18	22.12	16.43	15.72	14.66
		699.7	23.90	23.08	22.14	16.44	15.62	14.68
	1 RB low	715.3	23.97	22.96	22.04	16.51	15.50	14.58
		707.5	23.89	23.10	22.24	16.43	15.64	14.78
		699.7	23.88	23.16	22.21	16.42	15.70	14.75
	50% RB mid	715.3	24.18	22.85	22.13	16.72	15.39	14.67
		707.5	23.99	23.02	22.22	16.53	15.56	14.76
		699.7	24.02	23.01	22.28	16.56	15.55	14.82
	100% RB	715.3	23.20	22.13	21.11	15.74	14.67	13.65
		707.5	23.10	22.20	21.11	15.64	14.74	13.65
		699.7	23.14	22.22	21.16	15.68	14.76	13.70
3MHz	1 RB high	714.5	23.94	22.86	21.93	16.48	15.40	14.47
		707.5	23.78	23.09	22.03	16.32	15.63	14.57
		700.5	23.77	22.98	22.11	16.31	15.52	14.65
	1 RB low	714.5	23.78	22.92	22.03	16.32	15.46	14.57
		707.5	23.77	23.04	22.04	16.31	15.58	14.58
		700.5	23.79	23.12	22.07	16.33	15.66	14.61
	50% RB mid	714.5	23.09	22.08	21.11	15.63	14.62	13.65
		707.5	23.07	22.10	21.11	15.61	14.64	13.65
		700.5	23.08	22.14	21.18	15.62	14.68	13.72
	100% RB	714.5	23.06	22.00	21.03	15.60	14.54	13.57
		707.5	23.02	22.04	21.01	15.56	14.58	13.55
		700.5	23.06	22.05	21.04	15.60	14.59	13.58
5MHz	1 RB high	713.5	24.13	23.03	21.99	16.67	15.57	14.53
		707.5	24.02	23.32	22.28	16.56	15.86	14.82
		701.5	24.01	23.17	22.21	16.55	15.71	14.75
	1 RB low	713.5	24.03	23.32	22.24	16.57	15.86	14.78
		707.5	24.08	23.36	22.30	16.62	15.90	14.84
		701.5	24.05	23.31	22.27	16.59	15.85	14.81
	50% RB mid	713.5	23.15	22.14	21.19	15.69	14.68	13.73
		707.5	23.18	22.18	21.22	15.72	14.72	13.76
		701.5	23.18	22.20	21.26	15.72	14.74	13.80
	100% RB	713.5	23.17	22.13	21.16	15.71	14.67	13.70
		707.5	23.16	22.18	21.20	15.70	14.72	13.74
		701.5	23.16	22.20	21.20	15.70	14.74	13.74
10MHz	1 RB high	711	24.18	23.16	22.11	16.72	15.70	14.65

		707.5	24.15	23.34	22.32	16.69	15.88	14.86
		704	24.11	23.35	22.36	16.65	15.89	14.90
	1 RB low	711	24.19	23.40	22.42	16.73	15.94	14.96
		707.5	24.18	23.45	22.40	16.72	15.99	14.94
		704	24.19	23.41	22.31	16.73	15.95	14.85
	50% RB mid	711	23.24	22.23	21.27	15.78	14.77	13.81
		707.5	23.25	22.26	21.28	15.79	14.80	13.82
		704	23.23	22.25	21.27	15.77	14.79	13.81
	100% RB	711	23.17	22.13	21.16	15.71	14.67	13.70
		707.5	23.20	22.16	21.19	15.74	14.70	13.73
		704	23.17	22.15	21.22	15.71	14.69	13.76

LTE Band 13-ERP

Limits: ≤34.77dBm(3W)

Bandwidth	RB size/offset	Frequency (MHz)	Conducted Power(dBm)			ERP(dBm)(Gt-Lc =-4.96)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5MHz	1 RB high	784.5	24.14	23.28	22.32	17.03	16.17	15.21
		782	24.09	23.34	22.36	16.98	16.23	15.25
		779.5	24.12	23.27	22.36	17.01	16.16	15.25
	1 RB low	784.5	24.15	23.42	22.38	17.04	16.31	15.27
		782	24.14	23.43	22.35	17.03	16.32	15.24
		779.5	24.18	23.38	22.37	17.07	16.27	15.26
	50% RB mid	784.5	23.24	22.25	21.32	16.13	15.14	14.21
		782	23.28	22.28	21.34	16.17	15.17	14.23
		779.5	23.27	22.29	21.33	16.16	15.18	14.22
	100% RB	784.5	23.21	22.22	21.24	16.10	15.11	14.13
		782	23.25	22.27	21.28	16.14	15.16	14.17
		779.5	23.23	22.24	21.28	16.12	15.13	14.17
10MHz	1 RB high	782	24.19	23.48	22.42	17.08	16.37	15.31
	1 RB low	782	24.28	23.46	22.49	17.17	16.35	15.38
	50% RB mid	782	23.31	22.31	21.36	16.20	15.20	14.25
	100% RB	782	23.23	22.23	21.25	16.12	15.12	14.14

LTE Band 26(814MHz~824MHz)-ERP
Limits: ≤50dBm(100W)

Bandwidth	RB size/offset	Frequency (MHz)	Conducted Power(dBm)			ERP(dBm)(Gt-Lc =-3.77)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4MHz	1 RB high	823.3	24.41	23.42	22.48	18.49	17.50	16.56
		819	24.37	23.41	22.45	18.45	17.49	16.53
		814.7	24.37	23.36	22.82	18.45	17.44	16.90
	1 RB low	823.3	24.34	23.38	22.38	18.42	17.46	16.46
		819	24.40	23.40	22.41	18.48	17.48	16.49
		814.7	24.37	23.37	22.83	18.45	17.45	16.91
	50% RB mid	823.3	24.47	23.66	22.57	18.55	17.74	16.65
		819	24.50	23.70	22.61	18.58	17.78	16.69
		814.7	24.50	23.63	22.75	18.58	17.71	16.83
	100% RB	823.3	23.58	22.77	21.70	17.66	16.85	15.78
		819	23.60	22.79	21.73	17.68	16.87	15.81
		814.7	23.61	22.47	21.96	17.69	16.55	16.04
3MHz	1 RB high	822.5	24.21	23.31	22.29	18.29	17.39	16.37
		819	24.21	23.25	22.26	18.29	17.33	16.34
		815.5	24.27	23.31	22.28	18.35	17.39	16.36
	1 RB low	822.5	24.22	23.22	22.33	18.30	17.30	16.41
		819	24.24	23.27	22.32	18.32	17.35	16.40
		815.5	24.29	23.24	22.31	18.37	17.32	16.39
	50% RB mid	822.5	23.47	22.56	21.46	17.55	16.64	15.54
		819	23.50	22.56	21.46	17.58	16.64	15.54
		815.5	23.52	22.54	21.47	17.60	16.62	15.55
	100% RB	822.5	23.44	22.44	21.55	17.52	16.52	15.63
		819	23.44	22.43	21.54	17.52	16.51	15.62
		815.5	23.41	22.42	21.49	17.49	16.50	15.57
5MHz	1 RB high	821.5	24.52	23.85	22.75	18.60	17.93	16.83
		819	24.49	23.61	22.75	18.57	17.69	16.83
		816.5	24.51	23.62	22.74	18.59	17.70	16.82
	1 RB low	821.5	24.52	23.81	22.70	18.60	17.89	16.78
		819	24.50	23.57	22.74	18.58	17.65	16.82
		816.5	24.48	23.55	22.70	18.56	17.63	16.78
	50% RB mid	821.5	23.63	22.65	21.72	17.71	16.73	15.80
		819	23.58	22.68	21.71	17.66	16.76	15.79
		816.5	23.61	22.64	21.69	17.69	16.72	15.77
	100% RB	821.5	23.62	22.58	21.71	17.70	16.66	15.79
		819	23.60	22.58	21.70	17.68	16.66	15.78
		816.5	23.59	22.59	21.69	17.67	16.67	15.77
10MHz	1 RB high	819	24.61	23.62	22.53	18.69	17.70	16.61

	1 RB low	819	24.59	23.57	22.46	18.67	17.65	16.54
	50% RB mid	819	23.60	22.73	21.75	17.68	16.81	15.83
	100% RB	819	23.62	22.63	21.66	17.70	16.71	15.74

LTE Band 26(824MHz-849MHz)-ERP
Limits: ≤38.45dBm(7W)

Bandwidth	RB size/offset	Frequency (MHz)	Conducted Power(dBm)			ERP(dBm)(Gt-Lc =-3.77)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4MHz	1 RB high	848.3	24.63	23.52	22.57	18.71	17.60	16.65
		836.5	24.44	23.51	22.52	18.52	17.59	16.60
		824.7	24.40	23.42	22.90	18.48	17.50	16.98
	1 RB low	848.3	24.55	23.49	22.50	18.63	17.57	16.58
		836.5	24.39	23.50	22.46	18.47	17.58	16.54
		824.7	24.38	23.41	22.87	18.46	17.49	16.95
	50% RB mid	848.3	24.59	23.78	22.72	18.67	17.86	16.80
		836.5	24.55	23.78	22.70	18.63	17.86	16.78
		824.7	24.49	23.68	22.57	18.57	17.76	16.65
	100% RB	848.3	23.76	22.90	21.87	17.84	16.98	15.95
		836.5	23.68	22.85	21.81	17.76	16.93	15.89
		824.7	23.60	22.77	21.72	17.68	16.85	15.80
3MHz	1 RB high	847.5	24.48	23.43	22.36	18.56	17.51	16.44
		836.5	24.32	23.35	22.36	18.40	17.43	16.44
		825.5	24.29	23.31	22.34	18.37	17.39	16.42
	1 RB low	847.5	24.34	23.35	22.39	18.42	17.43	16.47
		836.5	24.28	23.29	22.40	18.36	17.37	16.48
		825.5	24.28	23.26	22.33	18.36	17.34	16.41
	50% RB mid	847.5	23.63	22.74	21.58	17.71	16.82	15.66
		836.5	23.56	22.68	21.54	17.64	16.76	15.62
		825.5	23.52	22.57	21.44	17.60	16.65	15.52
	100% RB	847.5	23.60	22.57	21.68	17.68	16.65	15.76
		836.5	23.50	22.51	21.60	17.58	16.59	15.68
		825.5	23.44	22.40	21.52	17.52	16.48	15.60
5MHz	1 RB high	846.5	24.67	23.69	22.84	18.75	17.77	16.92
		836.5	24.55	23.66	22.82	18.63	17.74	16.90
		826.5	24.49	23.59	22.74	18.57	17.67	16.82
	1 RB low	846.5	24.57	23.68	22.84	18.65	17.76	16.92
		836.5	24.53	23.66	22.80	18.61	17.74	16.88
		826.5	24.48	23.58	22.72	18.56	17.66	16.80
	50% RB mid	846.5	23.70	22.78	21.78	17.78	16.86	15.86
		836.5	23.65	22.74	21.73	17.73	16.82	15.81
		826.5	23.56	22.66	21.69	17.64	16.74	15.77
	100% RB	846.5	23.72	22.69	21.80	17.80	16.77	15.88
		836.5	23.67	22.67	21.75	17.75	16.75	15.83
		826.5	23.56	22.54	21.62	17.64	16.62	15.70
10MHz	1 RB high	844	24.84	23.78	22.65	18.92	17.86	16.73

		836.5	24.71	23.74	22.64	18.79	17.82	16.72
		829	24.65	23.64	22.54	18.73	17.72	16.62
	1 RB low	844	24.65	23.72	22.56	18.73	17.80	16.64
		836.5	24.58	23.60	22.50	18.66	17.68	16.58
		829	24.54	23.57	22.47	18.62	17.65	16.55
	50% RB mid	844	23.62	22.87	21.79	17.70	16.95	15.87
		836.5	23.62	22.83	21.81	17.70	16.91	15.89
		829	23.65	22.72	21.75	17.73	16.80	15.83
	100% RB	844	23.68	22.70	21.72	17.76	16.78	15.80
		836.5	23.67	22.70	21.71	17.75	16.78	15.79
		829	23.63	22.65	21.67	17.71	16.73	15.75
15MHz	1 RB high	841.5	24.71	23.81	22.79	18.79	17.89	16.87
		836.5	24.65	24.04	23.09	18.73	18.12	17.17
		831.5	24.59	23.99	23.02	18.67	18.07	17.10
	1 RB low	841.5	24.53	23.73	22.71	18.61	17.81	16.79
		836.5	24.48	23.88	22.86	18.56	17.96	16.94
		831.5	24.47	23.88	22.87	18.55	17.96	16.95
	50% RB mid	841.5	23.72	22.75	21.71	17.80	16.83	15.79
		836.5	23.73	22.68	21.75	17.81	16.76	15.83
		831.5	23.68	22.65	21.70	17.76	16.73	15.78
	100% RB	841.5	23.75	22.73	21.76	17.83	16.81	15.84
		836.5	23.74	22.69	21.73	17.82	16.77	15.81
		831.5	23.69	22.62	21.68	17.77	16.70	15.76

LTE Band 41-EIRP
Limits: ≤33dBm(2W)

Bandwidth	RB size/offset	Frequency (MHz)	Conducted Power(dBm)			EIRP(dBm)(Gt-Lc =-0.69)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5MHz	1 RB high	2687.5	24.05	23.22	22.08	23.36	22.53	21.39
		2593	24.04	23.24	22.06	23.35	22.55	21.37
		2498.5	24.09	23.21	22.08	23.40	22.52	21.39
	1 RB low	2687.5	24.07	23.20	22.10	23.38	22.51	21.41
		2593	24.08	23.25	22.10	23.39	22.56	21.41
		2498.5	24.10	23.17	22.04	23.41	22.48	21.35
	50% RB mid	2687.5	23.27	22.26	21.33	22.58	21.57	20.64
		2593	23.22	22.22	21.29	22.53	21.53	20.60
		2498.5	23.30	22.22	21.30	22.61	21.53	20.61
	100% RB	2687.5	23.19	22.26	21.32	22.50	21.57	20.63
		2593	23.17	22.21	21.31	22.48	21.52	20.62
		2498.5	23.20	22.21	21.27	22.51	21.52	20.58
10MHz	1 RB high	2685	24.15	23.33	22.16	23.46	22.64	21.47
		2593	24.13	23.34	22.16	23.44	22.65	21.47
		2501	24.16	23.31	22.14	23.47	22.62	21.45
	1 RB low	2685	24.20	23.36	22.22	23.51	22.67	21.53
		2593	24.21	23.38	22.21	23.52	22.69	21.52
		2501	24.19	23.27	22.13	23.50	22.58	21.44
	50% RB mid	2685	23.28	22.31	21.39	22.59	21.62	20.70
		2593	23.25	22.29	21.37	22.56	21.60	20.68
		2501	23.22	22.23	21.31	22.53	21.54	20.62
	100% RB	2685	23.30	22.29	21.30	22.61	21.60	20.61
		2593	23.24	22.25	21.27	22.55	21.56	20.58
		2501	23.25	22.22	21.23	22.56	21.53	20.54
15MHz	1 RB high	2682.5	24.12	23.27	22.14	23.43	22.58	21.45
		2593	24.10	23.31	22.12	23.41	22.62	21.43
		2503.5	24.13	23.30	22.14	23.44	22.61	21.45
	1 RB low	2682.5	24.16	23.32	22.17	23.47	22.63	21.48
		2593	24.18	23.37	22.19	23.49	22.68	21.50
		2503.5	24.16	23.24	22.09	23.47	22.55	21.40
	50% RB mid	2682.5	23.26	22.25	21.32	22.57	21.56	20.63
		2593	23.24	22.23	21.28	22.55	21.54	20.59
		2503.5	23.25	22.20	21.25	22.56	21.51	20.56
	100% RB	2682.5	23.24	22.25	21.29	22.55	21.56	20.60
		2593	23.22	22.23	21.28	22.53	21.54	20.59
		2503.5	23.23	22.21	21.23	22.54	21.52	20.54
20MHz	1 RB high	2680	24.05	23.21	22.07	23.36	22.52	21.38

		2593	24.03	23.23	22.04	23.34	22.54	21.35
		2506	24.08	23.26	22.10	23.39	22.57	21.41
	1 RB low	2680	24.11	23.29	22.15	23.42	22.60	21.46
		2593	24.13	23.32	22.13	23.44	22.63	21.44
		2506	24.07	23.17	22.03	23.38	22.48	21.34
	50% RB mid	2680	23.36	22.36	21.36	22.67	21.67	20.67
		2593	23.46	22.31	21.32	22.77	21.62	20.63
		2506	23.32	22.31	21.31	22.63	21.62	20.62
	100% RB	2680	23.29	22.28	21.30	22.60	21.59	20.61
		2593	23.27	22.25	21.25	22.58	21.56	20.56
		2506	23.28	22.27	21.25	22.59	21.58	20.56

LTE Band 66-EIRP
Limits: ≤30dBm(1W)

Bandwidth	RB size/offset	Frequency (MHz)	Conducted Power(dBm)			EIRP(dBm)(Gt-Lc =-1.73)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4MHz	1 RB high	1779.3	24.01	23.13	22.24	22.28	21.40	20.51
		1745	23.99	23.16	22.19	22.26	21.43	20.46
		1710.7	24.03	23.20	22.32	22.30	21.47	20.59
	1 RB low	1779.3	24.02	23.20	22.22	22.29	21.47	20.49
		1745	23.95	23.02	22.21	22.22	21.29	20.48
		1710.7	24.00	23.19	22.25	22.27	21.46	20.52
	50% RB mid	1779.3	24.15	23.04	22.28	22.42	21.31	20.55
		1745	24.10	22.98	22.24	22.37	21.25	20.51
		1710.7	24.15	23.09	22.34	22.42	21.36	20.61
	100% RB	1779.3	23.22	22.29	21.19	21.49	20.56	19.46
		1745	23.19	22.28	21.20	21.46	20.55	19.47
		1710.7	23.23	22.33	21.29	21.50	20.60	19.56
3MHz	1 RB high	1778.5	23.91	22.93	22.11	22.18	21.20	20.38
		1745	23.85	23.03	22.07	22.12	21.30	20.34
		1711.5	23.86	23.13	22.24	22.13	21.40	20.51
	1 RB low	1778.5	23.87	22.97	22.16	22.14	21.24	20.43
		1745	23.83	22.97	22.07	22.10	21.24	20.34
		1711.5	23.86	23.02	22.18	22.13	21.29	20.45
	50% RB mid	1778.5	23.13	22.20	21.20	21.40	20.47	19.47
		1745	23.11	22.11	21.16	21.38	20.38	19.43
		1711.5	23.14	22.23	21.24	21.41	20.50	19.51
	100% RB	1778.5	23.11	22.09	21.13	21.38	20.36	19.40
		1745	23.10	22.06	21.10	21.37	20.33	19.37
		1711.5	23.13	22.10	21.16	21.40	20.37	19.43
5MHz	1 RB high	1777.5	24.06	23.27	22.18	22.33	21.54	20.45
		1745	24.05	23.19	22.24	22.32	21.46	20.51
		1712.5	24.08	23.36	22.26	22.35	21.63	20.53
	1 RB low	1777.5	24.06	23.14	22.16	22.33	21.41	20.43
		1745	24.06	23.19	22.17	22.33	21.46	20.44
		1712.5	24.10	23.34	22.35	22.37	21.61	20.62
	50% RB mid	1777.5	23.22	22.21	21.25	21.49	20.48	19.52
		1745	23.18	22.17	21.22	21.45	20.44	19.49
		1712.5	23.22	22.22	21.28	21.49	20.49	19.55
	100% RB	1777.5	23.20	22.16	21.22	21.47	20.43	19.49
		1745	23.14	22.14	21.17	21.41	20.41	19.44
		1712.5	23.19	22.22	21.23	21.46	20.49	19.50
10MHz	1 RB high	1775	24.19	23.24	22.32	22.46	21.51	20.59

		1745	24.14	23.32	22.30	22.41	21.59	20.57
		1715	24.24	23.42	22.39	22.51	21.69	20.66
	1 RB low	1775	24.16	23.27	22.35	22.43	21.54	20.62
		1745	24.20	23.34	22.29	22.47	21.61	20.56
		1715	24.18	23.43	22.39	22.45	21.70	20.66
	50% RB mid	1775	23.22	22.20	21.23	21.49	20.47	19.50
		1745	23.20	22.22	21.23	21.47	20.49	19.50
		1715	23.23	22.24	21.25	21.50	20.51	19.52
	100% RB	1775	23.18	22.15	21.16	21.45	20.42	19.43
		1745	23.22	22.17	21.18	21.49	20.44	19.45
		1715	23.23	22.19	21.22	21.50	20.46	19.49
15MHz	1 RB high	1772.5	24.13	23.30	22.28	22.40	21.57	20.55
		1745	24.08	23.24	22.19	22.35	21.51	20.46
		1717.5	24.15	23.30	22.36	22.42	21.57	20.63
	1 RB low	1772.5	24.09	23.26	22.28	22.36	21.53	20.55
		1745	24.14	23.26	22.27	22.41	21.53	20.54
		1717.5	24.13	23.35	22.33	22.40	21.62	20.60
	50% RB mid	1772.5	23.21	22.15	21.25	21.48	20.42	19.52
		1745	23.20	22.17	21.25	21.47	20.44	19.52
		1717.5	23.24	22.22	21.28	21.51	20.49	19.55
	100% RB	1772.5	23.19	22.16	21.19	21.46	20.43	19.46
		1745	23.21	22.15	21.20	21.48	20.42	19.47
		1717.5	23.21	22.20	21.22	21.48	20.47	19.49
20MHz	1 RB high	1770	24.06	23.10	22.23	22.33	21.37	20.50
		1745	24.04	23.29	22.24	22.31	21.56	20.51
		1720	24.06	23.19	22.19	22.33	21.46	20.46
	1 RB low	1770	23.99	23.27	22.14	22.26	21.54	20.41
		1745	24.02	23.12	22.14	22.29	21.39	20.41
		1720	24.03	23.26	22.24	22.30	21.53	20.51
	50% RB mid	1770	23.28	22.23	21.26	21.55	20.50	19.53
		1745	23.27	22.23	21.27	21.54	20.50	19.54
		1720	23.28	22.24	21.30	21.55	20.51	19.57
	100% RB	1770	23.16	22.13	21.17	21.43	20.40	19.44
		1745	23.16	22.12	21.17	21.43	20.39	19.44
		1720	23.19	22.17	21.20	21.46	20.44	19.47

LTE CA Band 7C-EIRP
Limits: ≤33dBm(2W)

Bandwidth	Frequency (MHz)	Frequency (MHz)	Modulation	PCC RB		SCC RB		Conducted Power(dBm)	EIRP(dBm) (MAX Gt - Lc = -0.69)
				Size	Offset	Size	Offset		
10MHz/20MHz	2525.6	2540	QPSK	1	49	1	0	24.08	23.39
			QPSK	50	0	100	0	21.99	21.30
			16QAM	1	49	1	0	23.18	22.49
			16QAM	50	0	100	0	21.01	20.32
			64QAM	1	49	1	0	20.96	20.27
			64QAM	50	0	100	0	21.01	20.32
15MHz/10MHz	2530.1	2542.1	QPSK	1	74	1	0	24.13	23.44
			QPSK	75	0	50	0	22.09	21.40
			16QAM	1	74	1	0	23.17	22.48
			16QAM	75	0	50	0	21.08	20.39
			64QAM	1	74	1	0	20.96	20.27
			64QAM	75	0	50	0	21.10	20.41
15MHz/15MHz	2527.5	2542.5	QPSK	1	74	1	0	24.15	23.46
			QPSK	75	0	75	0	22.06	21.37
			16QAM	1	74	1	0	23.23	22.54
			16QAM	75	0	75	0	21.06	20.37
			64QAM	1	74	1	0	21.32	20.63
			64QAM	75	0	75	0	21.08	20.39
15MHz/20MHz	2525.3	2542.4	QPSK	1	74	1	0	24.16	23.47
			QPSK	75	0	100	0	22.06	21.37
			16QAM	1	74	1	0	22.99	22.30
			16QAM	75	0	100	0	21.01	20.32
			64QAM	1	74	1	0	21.25	20.56
			64QAM	75	0	100	0	21.04	20.35
20MHz/10MHz	2530.1	2544.5	QPSK	1	99	1	0	24.09	23.40
			QPSK	100	0	50	0	22.08	21.39
			16QAM	1	99	1	0	23.00	22.31
			16QAM	100	0	50	0	21.05	20.36
			64QAM	1	99	1	0	20.95	20.26
			64QAM	100	0	50	0	21.09	20.40
20MHz/15MHz	2527.6	2544.7	QPSK	1	99	1	0	24.14	23.45
			QPSK	100	0	75	0	22.01	21.32
			16QAM	1	99	1	0	23.08	22.39
			16QAM	100	0	75	0	21.02	20.33
			64QAM	1	99	1	0	21.07	20.38
			64QAM	100	0	75	0	20.98	20.29
20MHz/20MHz	2525.1	2544.9	QPSK	1	99	1	0	24.21	23.52

			QPSK	100	0	100	0	22.00	21.31
			16QAM	1	99	1	0	23.22	22.53
			16QAM	100	0	100	0	21.00	20.31
			64QAM	1	99	1	0	21.37	20.68
			64QAM	100	0	100	0	21.01	20.32

LTE CA Band 38C-EIRP
Limits: ≤33dBm(2W)

Bandwidth	Frequency (MHz)	Frequency (MHz)	Modulation	PCC RB		SCC RB		Conducted Power(dBm)	EIRP(dBm) (MAX Gt - Lc = -0.69)
				Size	Offset	Size	Offset		
15MHz/15MHz	2587.5	2602.5	QPSK	1	74	1	0	24.10	23.41
			QPSK	75	0	75	0	22.00	21.31
			16QAM	1	74	1	0	23.21	22.52
			16QAM	75	0	75	0	20.97	20.28
			64QAM	1	74	1	0	20.92	20.23
			64QAM	75	0	75	0	21.01	20.32
20MHz/20MHz	2585.1	2604.9	QPSK	1	99	1	0	24.17	23.48
			QPSK	100	0	100	0	21.89	21.20
			16QAM	1	99	1	0	23.15	22.46
			16QAM	100	0	100	0	20.88	20.19
			64QAM	1	99	1	0	21.29	20.60
			64QAM	100	0	100	0	20.93	20.24

ANT4:
LTE Band 2-EIRP
Limits: ≤33dBm(2W)

Bandwidth	RB size/offset	Frequency (MHz)	Conducted Power(dBm)			EIRP(dBm)(Gt-Lc =-1.95)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4MHz	1 RB high	1909.3	24.63	23.43	22.74	22.68	21.48	20.79
		1880	24.40	23.71	22.60	22.45	21.76	20.65
		1850.7	24.66	23.86	22.81	22.71	21.91	20.86
	1 RB low	1909.3	24.44	23.88	22.74	22.49	21.93	20.79
		1880	24.35	23.74	22.80	22.40	21.79	20.85
		1850.7	24.48	23.69	22.72	22.53	21.74	20.77
	50% RB mid	1909.3	24.65	23.92	22.92	22.70	21.97	20.97
		1880	24.68	23.84	22.76	22.73	21.89	20.81
		1850.7	24.69	24.05	22.75	22.74	22.10	20.80
	100% RB	1909.3	23.87	22.79	21.71	21.92	20.84	19.76
		1880	23.70	22.62	21.85	21.75	20.67	19.90
		1850.7	23.72	22.60	21.94	21.77	20.65	19.99
3MHz	1 RB high	1908.5	24.31	23.62	22.60	22.36	21.67	20.65
		1880	24.40	23.53	22.60	22.45	21.58	20.65
		1851.5	24.52	23.80	22.86	22.57	21.85	20.91
	1 RB low	1908.5	24.66	23.53	22.58	22.71	21.58	20.63
		1880	24.63	23.63	22.77	22.68	21.68	20.82
		1851.5	24.46	23.60	22.83	22.51	21.65	20.88
	50% RB mid	1908.5	23.88	22.51	21.68	21.93	20.56	19.73
		1880	23.87	22.69	21.88	21.92	20.74	19.93
		1851.5	23.92	22.83	21.86	21.97	20.88	19.91
	100% RB	1908.5	23.67	22.60	21.81	21.72	20.65	19.86
		1880	23.56	22.51	21.70	21.61	20.56	19.75
		1851.5	23.75	22.85	21.81	21.80	20.90	19.86
5MHz	1 RB high	1907.5	24.38	23.73	22.79	22.43	21.78	20.84
		1880	24.41	23.82	22.70	22.46	21.87	20.75
		1852.5	24.52	23.73	22.81	22.57	21.78	20.86
	1 RB low	1907.5	24.50	23.88	22.54	22.55	21.93	20.59
		1880	24.62	23.75	22.80	22.67	21.80	20.85
		1852.5	24.62	23.82	22.54	22.67	21.87	20.59
	50% RB mid	1907.5	23.72	22.87	21.72	21.77	20.92	19.77
		1880	23.70	22.84	21.80	21.75	20.89	19.85
		1852.5	23.79	22.86	21.78	21.84	20.91	19.83
	100% RB	1907.5	23.70	22.69	21.53	21.75	20.74	19.58
		1880	23.67	22.61	21.81	21.72	20.66	19.86
		1852.5	23.70	22.62	21.81	21.75	20.67	19.86

10MHz	1 RB high	1905	24.48	23.51	22.56	22.53	21.56	20.61
		1880	24.35	23.51	22.76	22.40	21.56	20.81
		1855	24.71	23.57	22.66	22.76	21.62	20.71
	1 RB low	1905	24.54	23.57	22.70	22.59	21.62	20.75
		1880	24.33	23.65	22.91	22.38	21.70	20.96
		1855	24.59	23.73	22.82	22.64	21.78	20.87
	50% RB mid	1905	23.92	22.65	21.70	21.97	20.70	19.75
		1880	23.77	22.71	21.91	21.82	20.76	19.96
		1855	23.73	22.83	21.76	21.78	20.88	19.81
	100% RB	1905	23.60	22.61	21.77	21.65	20.66	19.82
		1880	23.50	22.82	21.84	21.55	20.87	19.89
		1855	23.80	22.63	21.64	21.85	20.68	19.69
15MHz	1 RB high	1902.5	24.62	23.45	22.80	22.67	21.50	20.85
		1880	24.64	23.54	22.84	22.69	21.59	20.89
		1857.5	24.64	23.89	22.88	22.69	21.94	20.93
	1 RB low	1902.5	24.51	23.80	22.66	22.56	21.85	20.71
		1880	24.65	23.86	22.79	22.70	21.91	20.84
		1857.5	24.50	23.79	22.78	22.55	21.84	20.83
	50% RB mid	1902.5	23.67	22.87	21.57	21.72	20.92	19.62
		1880	23.78	22.88	21.73	21.83	20.93	19.78
		1857.5	23.71	22.60	21.69	21.76	20.65	19.74
	100% RB	1902.5	23.68	22.46	21.56	21.73	20.51	19.61
		1880	23.59	22.78	21.75	21.64	20.83	19.80
		1857.5	23.85	22.75	21.92	21.90	20.80	19.97
20MHz	1 RB high	1900	24.46	23.61	22.64	22.51	21.66	20.69
		1880	24.50	23.65	22.70	22.55	21.70	20.75
		1860	24.54	23.71	22.80	22.59	21.76	20.85
	1 RB low	1900	24.48	23.71	22.66	22.53	21.76	20.71
		1880	24.50	23.80	22.73	22.55	21.85	20.78
		1860	24.58	23.75	22.71	22.63	21.80	20.76
	50% RB mid	1900	23.76	22.69	21.72	21.81	20.74	19.77
		1880	23.73	22.74	21.78	21.78	20.79	19.83
		1860	23.80	22.78	21.82	21.85	20.83	19.87
	100% RB	1900	23.68	22.64	21.70	21.73	20.69	19.75
		1880	23.65	22.65	21.67	21.70	20.70	19.72
		1860	23.76	22.74	21.76	21.81	20.79	19.81

LTE Band 7-EIRP

Limits: ≤33dBm(2W)

Bandwidth	RB size/offset	Frequency (MHz)	Conducted Power(dBm)			EIRP(dBm)(Gt-Lc =-1.78)		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5MHz	1 RB high	2567.5	24.26	23.51	22.40	22.48	21.73	20.62
		2535	24.23	23.44	22.41	22.45	21.66	20.63
		2502.5	24.44	23.54	22.76	22.66	21.76	20.98
	1 RB low	2567.5	24.46	23.52	22.45	22.68	21.74	20.67
		2535	24.54	23.56	22.69	22.76	21.78	20.91
		2502.5	24.53	23.61	22.60	22.75	21.83	20.82
	50% RB mid	2567.5	23.46	22.58	21.77	21.68	20.80	19.99
		2535	23.54	22.63	21.62	21.76	20.85	19.84
		2502.5	23.55	22.48	21.58	21.77	20.70	19.80
	100% RB	2567.5	23.63	22.40	21.67	21.85	20.62	19.89
		2535	23.44	22.43	21.52	21.66	20.65	19.74
		2502.5	23.64	22.66	21.75	21.86	20.88	19.97
10MHz	1 RB high	2565	24.39	23.49	22.45	22.61	21.71	20.67
		2535	24.50	23.48	22.40	22.72	21.70	20.62
		2505	24.56	23.53	22.41	22.78	21.75	20.63
	1 RB low	2565	24.34	23.46	22.49	22.56	21.68	20.71
		2535	24.53	23.48	22.63	22.75	21.70	20.85
		2505	24.57	23.65	22.56	22.79	21.87	20.78
	50% RB mid	2565	23.74	22.54	21.52	21.96	20.76	19.74
		2535	23.71	22.66	21.80	21.93	20.88	20.02
		2505	23.63	22.44	21.56	21.85	20.66	19.78
	100% RB	2565	23.67	22.50	21.56	21.89	20.72	19.78
		2535	23.57	22.60	21.35	21.79	20.82	19.57
		2505	23.72	22.64	21.45	21.94	20.86	19.67
15MHz	1 RB high	2562.5	24.47	23.55	22.48	22.69	21.77	20.70
		2535	24.55	23.49	22.39	22.77	21.71	20.61
		2507.5	24.26	23.44	22.70	22.48	21.66	20.92
	1 RB low	2562.5	24.42	23.47	22.70	22.64	21.69	20.92
		2535	24.34	23.70	22.55	22.56	21.92	20.77
		2507.5	24.50	23.44	22.67	22.72	21.66	20.89
	50% RB mid	2562.5	23.82	22.78	21.49	22.04	21.00	19.71
		2535	23.74	22.57	21.50	21.96	20.79	19.72
		2507.5	23.70	22.58	21.54	21.92	20.80	19.76
	100% RB	2562.5	23.38	22.64	21.46	21.60	20.86	19.68
		2535	23.47	22.42	21.63	21.69	20.64	19.85
		2507.5	23.53	22.43	21.72	21.75	20.65	19.94
20MHz	1 RB high	2560	24.34	23.50	22.57	22.56	21.72	20.79