TEST REPORT

CERTIFICATE OF CONFORMITY

Standard: **47 CFR FCC Part 22**
47 CFR FCC Part 24
47 CFR FCC Part 27
47 CFR FCC Part 96
47 CFR FCC Part 2

Report No.: RFCDVB-WTW-P25040437-4

FCC ID: QYLFN990V12

Product: 5G NR Module

Brand: Getac

Model No.: FN990A28

Received Date: 2025/4/21

Test Date: 2025/6/15 ~ 2025/7/2

Issued Date: 2025/7/11

Applicant: Getac Technology Corporation.

Address: 5F., Building A, No. 209, Sec.1, Nangang Rd., Nangang Dist., Taipei City 115018, Taiwan, R.O.C.

Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Lin Kou Laboratories

Lab Address: No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan

Test Location: (1) No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kewi Shan Dist., Taoyuan City 33383, Taiwan
(2) No. 70, Wenming Rd., Guishan Dist., Taoyuan City 333, Taiwan

FCC Registration / Designation Number: (1) 788550 / TW0003
(2) 281270 / TW0032

Approved by: Jeremy Lin , **Date:** 2025/7/11

Jeremy Lin / Project Engineer

This test report consists of 138 pages in total. It may be duplicated completely for legal use with the approval of the applicant. It should not be reproduced except in full, without the written approval of our laboratory. The test results in the report only apply to the tested sample. The test results in this report are traceable to the national or international standards.

Prepared by : Vera Huang / Specialist

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/ and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Table of Contents

Release Control Record **4**

1 Certificate **5**

2 Summary of Test Results **6**

2.1 Measurement Uncertainty 7
2.2 Supplementary Information 7

3 General Information **8**

3.1 General Description of EUT 8
3.2 Antenna Description of EUT 19
3.3 Test Mode Applicability and Tested Channel Detail 20
3.3.1 LTE Band 2C 20
3.3.2 LTE Band 5B 21
3.3.3 LTE Band 7C 22
3.3.4 LTE Band 38C 22
3.3.5 LTE Band 41C 23
3.3.6 LTE Band 42C (3.45 GHz ~ 3.55 GHz) 24
3.3.7 LTE Band 48C 25
3.3.8 LTE Band 66B 26
3.3.9 LTE Band 66C 27
3.4 Test Program Used and Operation Descriptions 28
3.5 Connection Diagram of EUT and Peripheral Devices 28
3.6 Configuration of Peripheral Devices and Cable Connections 28

4 Test Instruments **29**

4.1 Effective Radiated Power and Equivalent Isotropically Radiated Power 29
4.2 Radiated Spurious Emissions below 1GHz 29
4.3 Radiated Spurious Emissions above 1GHz 30

5 Limits of Test Items **31**

5.1 Effective Radiated Power and Equivalent Isotropically Radiated Power 31
5.2 Radiated Spurious Emissions below 1GHz 31
5.3 Radiated Spurious Emissions above 1GHz 32

6 Test Arrangements **33**

6.1 Effective Radiated Power and Equivalent Isotropically Radiated Power 33
6.1.1 Test Setup 33
6.1.2 Test Procedure 33
6.2 Radiated Spurious Emissions below 1GHz 34
6.2.1 Test Setup 34
6.2.2 Test Procedure 35
6.3 Radiated Spurious Emissions above 1GHz 36
6.3.1 Test Setup 36
6.3.2 Test Procedure 36

7 Test Results of Test Item **37**

7.1 Effective Radiated Power and Equivalent Isotropically Radiated Power 37
7.1.1 LTE Band 2C 37
7.1.2 LTE Band 5B 45
7.1.3 LTE Band 7C 49
7.1.4 LTE Band 38C 54
7.1.5 LTE Band 41C 56
7.1.6 LTE Band 42C (3.45 GHz ~ 3.55 GHz) 64
7.1.7 LTE Band 48C 69
7.1.8 LTE Band 66B 79
7.1.9 LTE Band 66C 84
7.2 Radiated Spurious Emissions below 1GHz 92
7.2.1 LTE Band 2C 92
7.2.2 LTE Band 5B 94

7.2.3 LTE Band 7C 96
7.2.4 LTE Band 38C 98
7.2.5 LTE Band 41C 100
7.2.6 LTE Band 42C (3.45 GHz ~ 3.55 GHz) 102
7.2.7 LTE Band 48C 104
7.2.8 LTE Band 66B 106
7.2.9 LTE Band 66C 108
7.3 Radiated Spurious Emissions above 1GHz 110
7.3.1 LTE Band 2C 110
7.3.2 LTE Band 5B 113
7.3.3 LTE Band 7C 116
7.3.4 LTE Band 38C 119
7.3.5 LTE Band 41C 122
7.3.6 LTE Band 42C (3.45 GHz ~ 3.55 GHz) 125
7.3.7 LTE Band 48C 128
7.3.8 LTE Band 66B 131
7.3.9 LTE Band 66C 134

8 Pictures of Test Arrangements 137

9 Information of the Testing Laboratories 138

Release Control Record

Issue No.	Description	Date Issued
RFCDVB-WTW-P25040437-4	Original Release	2025/7/11

1 Certificate

Product:	5G NR Module
Brand:	Getac
Test Model:	FN990A28
Sample Status:	Engineering sample
Applicant:	Getac Technology Corporation.
Test Date:	2025/6/15 ~ 2025/7/2
Standard:	47 CFR FCC Part 22 47 CFR FCC Part 24 47 CFR FCC Part 27 47 CFR FCC Part 96 47 CFR FCC Part 2
Measurement procedure:	ANSI/TIA/EIA-603-E 2016 ANSI C63.26-2015 KDB 971168 D01 Power Meas License Digital Systems v03r01 KDB 971168 D02 Misc Rev Approv License Devices v02r02

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

2 Summary of Test Results

Standard / Clause	Test Item	Result	Remark
Part 2.1046 Part 22.913 (a) Part 24.232 (c) Part 27.50(d) Part 27.50(h) Part 27.50(k) Part 96.41(b)	Effective Radiated Power and Equivalent Isotropically Radiated Power	Pass	Meet the requirement of limit.
Part 2.1047	Modulation Characteristics	N/A	Refer to Note
Part 22.913 (d) Part 24.232 (d) Part 27.50(d) Part 27.50(k)(4) Part 96.41(g)	Peak to Average Ratio	N/A	Refer to Note
Part 2.1049	Bandwidth	N/A	Refer to Note
Part 2.1051 Part 22.917 Part 24.238 Part 27.53(h) Part 27.53(m) Part 27.53(n) Part 96.41(e)	Conducted Spurious Emissions	N/A	Refer to Note
Part 2.1053 Part 22.917 Part 24.238 Part 27.53(h) Part 27.53(m) Part 27.53(n) Part 96.41(e)	Radiated Spurious Emissions below 1GHz	Pass	Minimum passing margin is -12.78 dB at 280.40 MHz
Part 2.1053 Part 22.917 Part 24.238 Part 27.53(h) Part 27.53(m) Part 27.53(n) Part 96.41(e)	Radiated Spurious Emissions above 1GHz	Pass	Minimum passing margin is -1.48 dB at 7230.20 MHz
Part 2.1055 Part 22.355 Part 24.235 Part 27.54	Frequency Stability	N/A	Refer to Note

Note:

1. Only test item of Effective Radiated Power and Equivalent Isotropically Radiated Power and Radiated Spurious Emissions were performed for this report. Other testing data please refer to WWAN module (FCC ID: RI7FN990A28) certified report.
2. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.1 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Parameter	Specification	Uncertainty (±)
Effective Radiated Power and Equivalent Isotropically Radiated Power	-	1.371 dB
Radiated Spurious Emissions below 1GHz	9 kHz ~ 30 MHz	3 dB
	30 MHz ~ 1 GHz	2.93 dB
Radiated Spurious Emissions above 1GHz	1 GHz ~ 18 GHz	1.76 dB
	18 GHz ~ 40 GHz	1.77 dB

The other instruments specified are routine verified to remain within the calibrated levels, no measurement uncertainty is required to be calculated.

2.2 Supplementary Information

There is not any deviation from the test standards for the test method, and no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	5G NR Module
Brand	Getac
Test Model	FN990A28
Status of EUT	Engineering sample
Power Supply Rating	Refer to note
Modulation Type	QPSK, 16QAM, 64QAM, 256QAM
LTE bands support CA mode	2C, 5B, 7C, 38C, 41C, 42C, 43C, 48C, 66B, 66C
Band Covered Information	LTE Band 48 Cover LTE Band 42 and Band 43

Note:

1. The EUT is authorized for use in specific End-product.

Product	Brand	Model	Difference
Notebook	Getac	V120	marketing purpose
		V120Y (Y= 10 characters, Y can be 0 to 9, A to Z, a to z, “/”, “\”, “-”, “_” or blank for marketing purpose)	

2. The End-product uses following accessories.

Item	Brand	Model	Specification
Battery 1	Getac	BP2S1P4070P	Power Rating : Rating: 7.74Vdc , 3800mAh, 29.42Wh Typical Capacity: 4070mAh, 31.51Wh
Battery 2	Getac	BP3S1P4070P	Power Rating : Rating: 11.61Vdc , 3800mAh, 44.12Wh Typical Capacity: 4070mAh, 47.26Wh
AC Adapter	FSP	FSP065-RBBN3	AC Input : 100-240 Vac； 50-60 Hz； 1.5 A DC Output : 19.0Vdc； 3.42A, 65.0W DC Output Cable : 1.45M / 1core AC Power Cord : 1.75M
Touch Pen	Getac	340GA8900001	-

3. EUT Overview

Mode	Bandwidth	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
LTE Band 2C	20 MHz + 20 MHz	QPSK	0.103	20.14
		16QAM	0.090	19.53
		64QAM	0.073	18.62
		256QAM	0.036	15.61
LTE Band 2C	20MHz + 15MHz	QPSK	0.100	20.02
		16QAM	0.088	19.46
		64QAM	0.071	18.52
		256QAM	0.036	15.51
LTE Band 2C	15 MHz + 20 MHz	QPSK	0.102	20.08
		16QAM	0.086	19.37
		64QAM	0.070	18.47
		256QAM	0.036	15.56
LTE Band 2C	20 MHz + 10 MHz	QPSK	0.102	20.07
		16QAM	0.088	19.44
		64QAM	0.069	18.39
		256QAM	0.036	15.56
LTE Band 2C	10 MHz + 20 MHz	QPSK	0.100	20.02
		16QAM	0.086	19.35
		64QAM	0.070	18.46
		256QAM	0.035	15.44
LTE Band 2C	20 MHz + 5 MHz	QPSK	0.102	20.08
		16QAM	0.087	19.39
		64QAM	0.071	18.49
		256QAM	0.035	15.44
LTE Band 2C	5 MHz + 20 MHz	QPSK	0.100	20.01
		16QAM	0.087	19.41
		64QAM	0.071	18.49
		256QAM	0.035	15.45
LTE Band 2C	15 MHz + 10 MHz	QPSK	0.100	19.99
		16QAM	0.086	19.36
		64QAM	0.071	18.50
		256QAM	0.035	15.49
LTE Band 2C	10 MHz + 15 MHz	QPSK	0.101	20.06
		16QAM	0.087	19.39
		64QAM	0.070	18.42
		256QAM	0.035	15.48
LTE Band 2C	15 MHz + 15 MHz	QPSK	0.100	20.01
		16QAM	0.087	19.40
		64QAM	0.070	18.47
		256QAM	0.035	15.41

Mode	Bandwidth	Modulation	Max. ERP (W)	Max. ERP (dBm)
LTE Band 5B	10 MHz + 10 MHz	QPSK	0.119	20.74
		16QAM	0.099	19.96
		64QAM	0.075	18.73
		256QAM	0.038	15.77
LTE Band 5B	10 MHz + 5 MHz	QPSK	0.114	20.58
		16QAM	0.098	19.91
		64QAM	0.073	18.64
		256QAM	0.037	15.65
LTE Band 5B	5 MHz + 10 MHz	QPSK	0.113	20.53
		16QAM	0.095	19.79
		64QAM	0.073	18.62
		256QAM	0.037	15.64
LTE Band 5B	5 MHz + 3 MHz	QPSK	0.114	20.56
		16QAM	0.096	19.84
		64QAM	0.072	18.55
		256QAM	0.037	15.64
LTE Band 5B	3 MHz + 5 MHz	QPSK	0.114	20.57
		16QAM	0.097	19.88
		64QAM	0.072	18.56
		256QAM	0.037	15.68

Mode	Bandwidth	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
LTE Band 7C	20 MHz + 20 MHz	QPSK	0.069	18.36
		16QAM	0.056	17.51
		64QAM	0.041	16.11
		256QAM	0.021	13.31
LTE Band 7C	20 MHz + 15 MHz	QPSK	0.066	18.18
		16QAM	0.054	17.35
		64QAM	0.040	15.97
		256QAM	0.021	13.16
LTE Band 7C	15 MHz + 20 MHz	QPSK	0.068	18.31
		16QAM	0.054	17.35
		64QAM	0.040	16.00
		256QAM	0.021	13.20
LTE Band 7C	20 MHz + 10 MHz	QPSK	0.067	18.24
		16QAM	0.054	17.31
		64QAM	0.040	15.97
		256QAM	0.021	13.21
LTE Band 7C	10 MHz + 20 MHz	QPSK	0.067	18.27
		16QAM	0.055	17.39
		64QAM	0.040	16.03
		256QAM	0.021	13.22
LTE Band 7C	15 MHz + 15 MHz	QPSK	0.067	18.28
		16QAM	0.056	17.46
		64QAM	0.039	15.96
		256QAM	0.021	13.25
LTE Band 7C	15 MHz + 10 MHz	QPSK	0.066	18.22
		16QAM	0.055	17.37
		64QAM	0.040	16.02
		256QAM	0.021	13.29

Mode	Bandwidth	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
LTE Band 38C	20 MHz + 20 MHz	QPSK	0.092	19.64
		16QAM	0.069	18.37
		64QAM	0.057	17.56
		256QAM	0.029	14.58
LTE Band 38C	15 MHz + 15 MHz	QPSK	0.090	19.55
		16QAM	0.066	18.21
		64QAM	0.056	17.47
		256QAM	0.028	14.42

Mode	Bandwidth	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
LTE Band 41C	20 MHz + 20 MHz	QPSK	0.068	18.30
		16QAM	0.054	17.34
		64QAM	0.045	16.49
		256QAM	0.023	13.67
LTE Band 41C	20 MHz + 15 MHz	QPSK	0.065	18.15
		16QAM	0.052	17.20
		64QAM	0.043	16.30
		256QAM	0.023	13.54
LTE Band 41C	15 MHz + 20 MHz	QPSK	0.066	18.18
		16QAM	0.052	17.17
		64QAM	0.043	16.31
		256QAM	0.023	13.53
LTE Band 41C	20 MHz + 10 MHz	QPSK	0.065	18.13
		16QAM	0.052	17.17
		64QAM	0.042	16.28
		256QAM	0.023	13.64
LTE Band 41C	10 MHz + 20 MHz	QPSK	0.066	18.19
		16QAM	0.053	17.22
		64QAM	0.043	16.30
		256QAM	0.022	13.52
LTE Band 41C	20 MHz + 5 MHz	QPSK	0.066	18.20
		16QAM	0.053	17.26
		64QAM	0.043	16.35
		256QAM	0.022	13.52
LTE Band 41C	5 MHz + 20 MHz	QPSK	0.065	18.15
		16QAM	0.052	17.20
		64QAM	0.042	16.25
		256QAM	0.023	13.55
LTE Band 41C	15 MHz + 10 MHz	QPSK	0.065	18.16
		16QAM	0.052	17.20
		64QAM	0.043	16.34
		256QAM	0.022	13.50
LTE Band 41C	10 MHz + 15 MHz	QPSK	0.066	18.22
		16QAM	0.053	17.23
		64QAM	0.042	16.27
		256QAM	0.023	13.56
LTE Band 41C	15 MHz + 15 MHz	QPSK	0.065	18.10
		16QAM	0.053	17.26
		64QAM	0.043	16.36
		256QAM	0.023	13.56

Mode	Bandwidth	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
LTE Band 42C	20 MHz + 20 MHz	QPSK	0.031	14.96
		16QAM	0.028	14.49
		64QAM	0.021	13.19
		256QAM	0.011	10.29
LTE Band 42C	20 MHz + 15 MHz	QPSK	0.030	14.78
		16QAM	0.027	14.32
		64QAM	0.020	13.11
		256QAM	0.010	10.18
LTE Band 42C	15 MHz + 20 MHz	QPSK	0.030	14.84
		16QAM	0.027	14.38
		64QAM	0.020	13.02
		256QAM	0.010	10.20
LTE Band 42C	20 MHz + 10 MHz	QPSK	0.030	14.76
		16QAM	0.028	14.40
		64QAM	0.020	13.04
		256QAM	0.010	10.21
LTE Band 42C	10 MHz + 20 MHz	QPSK	0.031	14.87
		16QAM	0.028	14.40
		64QAM	0.020	13.06
		256QAM	0.010	10.07
LTE Band 42C	20 MHz + 5 MHz	QPSK	0.030	14.84
		16QAM	0.028	14.41
		64QAM	0.020	13.04
		256QAM	0.010	10.20
LTE Band 42C	5 MHz + 20 MHz	QPSK	0.031	14.86
		16QAM	0.028	14.42
		64QAM	0.020	13.03
		256QAM	0.010	10.16

Mode	Bandwidth	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
LTE Band 48C	20 MHz + 20 MHz	QPSK	0.019	12.68
		16QAM	0.015	11.67
		64QAM	0.012	10.78
		256QAM	0.009	9.75
LTE Band 48C	20 MHz + 15 MHz	QPSK	0.018	12.58
		16QAM	0.014	11.55
		64QAM	0.012	10.61
		256QAM	0.009	9.64
LTE Band 48C	15 MHz + 20 MHz	QPSK	0.018	12.63
		16QAM	0.014	11.57
		64QAM	0.012	10.62
		256QAM	0.009	9.66
LTE Band 48C	20 MHz + 10 MHz	QPSK	0.018	12.53
		16QAM	0.014	11.54
		64QAM	0.012	10.61
		256QAM	0.009	9.65
LTE Band 48C	10 MHz + 20 MHz	QPSK	0.018	12.53
		16QAM	0.014	11.55
		64QAM	0.012	10.66
		256QAM	0.009	9.67
LTE Band 48C	20 MHz + 5 MHz	QPSK	0.018	12.54
		16QAM	0.014	11.57
		64QAM	0.012	10.71
		256QAM	0.009	9.73
LTE Band 48C	5 MHz + 20 MHz	QPSK	0.018	12.52
		16QAM	0.014	11.54
		64QAM	0.012	10.66
		256QAM	0.009	9.67

Mode	Bandwidth	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
LTE Band 66B	10 MHz + 10 MHz	QPSK	0.067	18.27
		16QAM	0.052	17.13
		64QAM	0.044	16.43
		256QAM	0.020	13.08
LTE Band 66B	15 MHz + 5 MHz	QPSK	0.066	18.20
		16QAM	0.051	17.07
		64QAM	0.043	16.35
		256QAM	0.020	12.99
LTE Band 66B	5 MHz + 15 MHz	QPSK	0.065	18.12
		16QAM	0.050	16.99
		64QAM	0.043	16.34
		256QAM	0.020	13.00
LTE Band 66B	10 MHz + 5 MHz	QPSK	0.064	18.07
		16QAM	0.051	17.04
		64QAM	0.042	16.26
		256QAM	0.020	13.01
LTE Band 66B	5 MHz + 10 MHz	QPSK	0.066	18.20
		16QAM	0.050	16.99
		64QAM	0.043	16.30
		256QAM	0.019	12.89
LTE Band 66B	5 MHz + 5 MHz	QPSK	0.065	18.12
		16QAM	0.050	16.99
		64QAM	0.043	16.30
		256QAM	0.020	12.96

Mode	Bandwidth	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
LTE Band 66C	20 MHz + 20 MHz	QPSK	0.069	18.39
		16QAM	0.053	17.27
		64QAM	0.046	16.62
		256QAM	0.021	13.20
LTE Band 66C	20 MHz + 15 MHz	QPSK	0.068	18.32
		16QAM	0.052	17.18
		64QAM	0.044	16.45
		256QAM	0.020	13.06
LTE Band 66C	15 MHz + 20 MHz	QPSK	0.067	18.25
		16QAM	0.051	17.11
		64QAM	0.045	16.57
		256QAM	0.020	13.06
LTE Band 66C	20 MHz + 10 MHz	QPSK	0.067	18.26
		16QAM	0.053	17.21
		64QAM	0.044	16.43
		256QAM	0.020	13.07
LTE Band 66C	10 MHz + 20 MHz	QPSK	0.067	18.24
		16QAM	0.051	17.09
		64QAM	0.045	16.51
		256QAM	0.021	13.13
LTE Band 66C	20 MHz + 5 MHz	QPSK	0.069	18.36
		16QAM	0.052	17.17
		64QAM	0.045	16.49
		256QAM	0.021	13.12
LTE Band 66C	5 MHz + 20 MHz	QPSK	0.068	18.35
		16QAM	0.052	17.14
		64QAM	0.045	16.53
		256QAM	0.020	13.11
LTE Band 66C	15 MHz + 10 MHz	QPSK	0.068	18.30
		16QAM	0.051	17.11
		64QAM	0.045	16.54
		256QAM	0.020	13.03
LTE Band 66C	10 MHz + 15 MHz	QPSK	0.067	18.25
		16QAM	0.053	17.23
		64QAM	0.046	16.59
		256QAM	0.021	13.15
LTE Band 66C	15 MHz + 15 MHz	QPSK	0.067	18.28
		16QAM	0.051	17.10
		64QAM	0.045	16.50
		256QAM	0.020	13.08

4. The EUT support the following CA Configuration.

Band Configuration
2C
5B
7C
38C
41C
42C
48C
66B
66C

5. E-UTRA CA configuration / Bandwidth combination set.

E-UTRA CA configuration / Bandwidth combination set		
E-UTRA CA Configuration	Component carriers in order of increasing carrier frequency Channel bandwidth for PCC and SCC [MHz]	Maximum aggregated bandwidth [MHz]
CA_2C	15+15	30
	15+10 / 10+15	25
	20+5 / 5+20	25
	20+10 / 10+20	30
	20+15 / 15+20	35
	20+20	40
CA_5B	5+3 / 3+5	8
	10+5 / 5+10	15
	10+10	20
CA_7C	15+10	25
	20+10 / 10+20 / 15+15	30
	20+15 / 15+20	35
	20 + 20	40
CA_38C	15+15	30
	20+20	40
CA_41C	15+10 / 10+15	25
	20+5 / 5+20	25
	20+10 / 10+20 / 15+15	30
	20+15 / 15+20	35
	20+20	40
CA_42C (3450~3550)	20+5 / 5+20	25
	20+10 / 10+20	30
	20+15 / 15+20	35
	20+20	40
CA_42C (3550~3600)	20+5 / 5+20	25
	20+10 / 10+20	30
	20+15 / 15+20	35
	20+20	40
CA_43C (3600~3700)	5+20	25
	10+20	30
	15+20	35
	20+20	40
CA_48C	20+5 / 5+20	25
	20+10 / 10+20	30
	20+15 / 15+20	35
	20+20	40

E-UTRA CA configuration / Bandwidth combination set		
E-UTRA CA Configuration	Component carriers in order of increasing carrier frequency Channel bandwidth for PCC and SCC [MHz]	Maximum aggregated bandwidth [MHz]
CA_66B	5+5	10
	10+5 / 5+10	15
	10+10 / 15+5 / 5+15	20
CA_66C	15+10 / 10+15	25
	20+5 / 5+20	25
	20+10 / 10+20 / 15+15	30
	20+15 / 15+20	35
	20+20	40

*2C is continuous CA and maximum combination is 20M+20M.
*5B is continuous CA and maximum combination is 10M+10M.
*7C is continuous CA and maximum combination is 20M+20M.
*38C is continuous CA and maximum combination is 20M+20M.
*41C is continuous CA and maximum combination is 20M+20M.
*42C is continuous CA and maximum combination is 20M+20M.
*48C is continuous CA and maximum combination is 20M+20M.
*66B is continuous CA and maximum combination is 10M+10M.
*66C is continuous CA and maximum combination is 20M+20M.

6. For detailed information about each WWAN bands frequency range, bandwidth mode of the product, please refer to section 3.3 of the report.
7. The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

3.2 Antenna Description of EUT

Antenna Type	Antenna Connector	Band	Peak Gain (dBi)			
			Ant 0 (MAIN)	Ant 2 (AUX)	Ant 1 (MIMO1)	Ant 3 (MIMO2)
PIFA	Ant 0/2/3: IPEX I Ant 1: IPEX (NGFF)	LTE Band 2	1.81	1.93	-	-
		LTE Band 5	0.74	-	-	-
		LTE Band 7	1.99	-0.08	-	-
		LTE Band 38	0.69	-1.22	-0.26	-1.19
		LTE Band 41	1.99	-0.08	0.44	-0.22
		LTE 42 (3450-3550MHz)	1.51	-0.48	2.57	2.46
		LTE Band 48	1.46	0.03	2.57	1.8
		LTE Band 66	1.03	-	-	-

*The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.
*LTE Band 42/48 were fixed on Ant. 3, other bands were fixed on Ant. 0

3.3 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	1. EUT can be used in the following ways: X-axis / Y-axis / Z-axis / NB-axis. Pre-scan these ways and find the worst case as a representative test condition. 2. Pre-scan Battery 1 / Battery 2 and find the worst case as a representative test condition.
Worst Case:	1. X-axis / Y-axis / Z-axis / NB-axis Worst Condition: NB-axis 2. Battery Worst Condition: Battery 1

3.3.1 LTE Band 2C

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	18700 (1860.0MHz) + 18898 (1879.8MHz) 18801 (1870.1MHz) + 18999 (1889.9MHz) 18902 (1880.2MHz) + 19100 (1900.0MHz)	20MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	18700 (1860.0MHz) + 18871 (1877.1MHz) 18826 (1872.6MHz) + 18997 (1889.7MHz) 1895.1 (1885.1MHz) + 19122 (1902.2MHz)	20MHz + 15MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	18678 (1857.6MHz) + 18849 (1874.9MHz) 18803 (1870.3MHz) + 18974 (1887.4MHz) 18929 (1882.9MHz) + 19100 (1900.0MHz)	15MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	18700 (1860.0MHz) + 18844 (1874.4MHz) 18851 (1875.1MHz) + 18995 (1889.5MHz) 19001 (1890.1MHz) + 19145 (1904.5MHz)	20MHz + 10MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	18655 (1855.5MHz) + 18799 (1869.9MHz) 18806 (1870.6MHz) + 18950 (1885.0MHz) 18956 (1885.6MHz) + 19100 (1900.0MHz)	10MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	18700 (1860.0MHz) + 18817 (1871.7MHz) 18875 (1877.5MHz) + 18992 (1889.2MHz) 19050 (1895.0MHz) + 19167 (1906.7MHz)	20MHz + 5MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	18633 (1853.3MHz) + 18750 (1865.0MHz) 18802 (187.08MHz) + 18925 (1882.5MHz) 18983 (1888.3MHz) + 19100 (1900.0MHz)	5MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	18675 (1857.5MHz) + 18795 (1869.5MHz) 18851 (1875.1MHz) + 18971 (1887.1MHz) 19027 (1892.7MHz) + 19147 (1904.7MHz)	15MHz + 10MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	18653 (1855.3MHz) + 18773 (1867.3MHz) 18829 (1872.9MHz) + 18949 (1884.9MHz) 19005 (1890.5MHz) + 19100 (1900.0MHz)	10MHz + 15MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	18675 (1857.5MHz) + 18825 (1872.5MHz) 18825 (1872.5MHz) + 18975 (1887.5MHz) 18975 (1887.5MHz) + 19125 (1902.5MHz)	15MHz + 15MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
RE Below 1GHz	18700 (1860.0MHz) + 18898 (1879.8MHz)	20MHz + 20MHz	QPSK	1 RB
RE Above 1GHz	18700 (1860.0MHz) + 18898 (1879.8MHz) 18801 (1870.1MHz) + 18999 (1889.9MHz) 18902 (1880.2MHz) + 19100 (1900.0MHz)	20MHz + 20MHz	QPSK	1 RB

3.3.2 LTE Band 5B

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
ERP	20450 (829.0MHz) + 20549 (838.9MHz) 20476 (831.6MHz) + 20575 (841.5MHz) 20501 (834.1MHz) + 20600 (844.0MHz)	10MHz + 10MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	20450 (829.0MHz) + 20522 (836.2MHz) 20500 (834.0MHz) + 20572 (841.2MHz) 20550 (839.0MHz) + 20622 (846.2MHz)	10MHz + 5MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	20428 (826.8MHz) + 20500 (834.0MHz) 20478 (831.8MHz) + 20500 (839.0MHz) 20528 (836.8MHz) + 20600 (844.0MHz)	5MHz + 10MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	20425 (826.5MHz) + 20464 (830.4MHz) 20510 (835.0MHz) + 20549 (838.9MHz) 20595 (843.5MHz) + 20634 (847.4MHz)	5MHz + 3MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	20416 (825.6MHz) + 20455 (829.5MHz) 20501 (834.1MHz) + 20540 (838.0MHz) 20586 (842.6MHz) + 20625 (846.5MHz)	3MHz + 5MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
RE Below 1GHz	20450 (829.0MHz) + 20549 (838.9MHz)	10MHz + 10MHz	QPSK	1 RB
RE Above 1GHz	20450 (829.0MHz) + 20549 (838.9MHz) 20476 (831.6MHz) + 20575 (841.5MHz) 20501 (834.1MHz) + 20600 (844.0MHz)	10MHz + 10MHz	QPSK	1 RB

3.3.3 LTE Band 7C

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	20850 (2510.0MHz) + 21048 (2529.8MHz) 21001 (2525.1MHz) + 21199 (2544.9MHz) 21152 (2540.2MHz) + 21350 (2560.0MHz)	20MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	20850 (2510.0MHz) + 21021 (2527.1MHz) 21026 (2527.6MHz) + 21197 (2544.7MHz) 21201 (2545.1MHz) + 21372 (2562.2MHz)	20MHz + 15MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	20828 (2507.8MHz) + 20999 (2524.9MHz) 21003 (2525.3MHz) + 21174 (2542.4MHz) 21179 (2542.9MHz) + 21350 (2560.0MHz)	15MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	20850 (2510.0MHz) + 20994 (2524.4MHz) 21051 (2530.1MHz) + 21195 (2544.5MHz) 21251 (2550.1MHz) + 21395 (2564.5MHz)	20MHz + 10MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	20805 (2505.5MHz) + 20949 (2519.9MHz) 21006 (2525.6MHz) + 21150 (2540.0MHz) 21206 (2545.6MHz) + 21350 (2560.0MHz)	10MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	20825 (2507.5MHz) + 20975 (2522.5MHz) 21025 (2527.5MHz) + 21175 (2542.5MHz) 21225 (2547.5MHz) + 21375 (2562.5MHz)	15MHz + 15MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	20825 (2507.5MHz) + 20945 (2519.5MHz) 21051 (2530.1MHz) + 21171 (2542.1MHz) 21277 (2552.7MHz) + 21397 (2564.7MHz)	15MHz + 10MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
RE Below 1GHz	21152 (2540.2MHz) + 21350 (2560.0MHz)	20MHz + 20MHz	QPSK	1 RB
RE Above 1GHz	20850 (2510.0MHz) + 21048 (2529.8MHz) 21001 (2525.1MHz) + 21199 (2544.9MHz) 21152 (2540.2MHz) + 21350 (2560.0MHz)	20MHz + 20MHz	QPSK	1 RB

3.3.4 LTE Band 38C

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	37850 (2580.0MHz) + 38048 (2599.8MHz) 37901 (2585.1MHz) + 38099 (2604.9MHz) 37952 (2590.2MHz) + 38150 (2610.0MHz)	20MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	37825 (2577.5MHz) + 37975 (2592.5MHz) 37925 (2587.5MHz) + 38075 (2602.5MHz) 38025 (2597.5MHz) + 38175 (2612.5MHz)	15MHz + 15MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
RE Below 1GHz	37850 (2580.0MHz) + 38048 (2599.8MHz)	20MHz + 20MHz	QPSK	1 RB
RE Above 1GHz	37850 (2580.0MHz) + 38048 (2599.8MHz) 37901 (2585.1MHz) + 38099 (2604.9MHz) 37952 (2590.2MHz) + 38150 (2610.0MHz)	20MHz + 20MHz	QPSK	1 RB

3.3.5 LTE Band 41C

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	39750 (2506.0MHz) + 39948 (2525.8MHz) 40521 (2583.1MHz) + 40719 (2602.9MHz) 41292 (2660.2MHz) + 41490 (2680.0MHz)	20MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	39750 (2506.0MHz) + 39921 (2523.1MHz) 40546 (2585.6MHz) + 40717 (2602.7MHz) 41341 (2665.1MHz) + 41512 (2682.2MHz)	20MHz + 15MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	39728 (2503.8MHz) + 39899 (2520.9MHz) 40523 (2593.3MHz) + 40694 (2600.4MHz) 41319 (2662.9MHz) + 41490 (2680.0MHz)	15MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	39750 (2506.0MHz) + 39894 (2520.4MHz) 40571 (2588.1MHz) + 40715 (2602.5MHz) 41391 (2670.1MHz) + 41535 (2684.5MHz)	20MHz + 10MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	39705 (2501.5MHz) + 39849 (2515.9MHz) 40526 (2583.6MHz) + 40670 (2598.0MHz) 41346 (2665.6MHz) + 41490 (2680.0MHz)	10MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	39750 (2506.0MHz) + 39867 (2517.7MHz) 40595 (2590.5MHz) + 40712 (2602.2MHz) 41440 (2675.0MHz) + 41557 (2686.7MHz)	20MHz + 5MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	39683 (2499.3MHz) + 39800 (2511.0MHz) 40528 (2583.8MHz) + 40645 (2595.5MHz) 41373 (2668.3MHz) + 41490 (2680.0MHz)	5MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	39725 (2503.5MHz) + 39845 (2515.5MHz) 40571 (2588.1MHz) + 40691 (2600.1MHz) 41417 (2672.7MHz) + 41537 (2684.7MHz)	15MHz + 10MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	39703 (2501.3MHz) + 39823 (2513.3MHz) 40549 (2585.9MHz) + 40669 (2597.9MHz) 41395 (2670.5MHz) + 41515 (2682.5MHz)	10MHz + 15MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	39725 (2503.5MHz) + 39875 (2518.5MHz) 40545 (22585.5MHz) + 40695 (2600.5MHz) 41365 (2667.5MHz) + 41515 (2682.5MHz)	15MHz + 15MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
RE Below 1GHz	41292 (2660.2MHz) + 41490 (2680.0MHz)	20MHz + 20MHz	QPSK	1 RB
RE Above 1GHz	39750 (2506.0MHz) + 39948 (2525.8MHz) 40521 (2583.1MHz) + 40719 (2602.9MHz) 41292 (2660.2MHz) + 41490 (2680.0MHz)	20MHz + 20MHz	QPSK	1 RB

3.3.6 LTE Band 42C (3.45 GHz ~ 3.55 GHz)

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	42190 (3460.0MHz) + 42388 (3479.8MHz) 42491 (3490.1MHz) + 42689 (3509.9MHz) 42791 (3520.1MHz) + 42990 (3540.0MHz)	20MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	42190 (3460.0MHz) + 42361 (3477.1MHz) 42517 (3492.7MHz) + 42688 (3509.8MHz) 42844 (3525.4MHz) + 43015 (3542.5MHz)	20MHz + 15MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	42165 (3457.5MHz) + 42336 (3474.6MHz) 424925 (3490.2MHz) + 42663 (3507.3MHz) 42819 (3522.9MHz) + 42990 (3540.0MHz)	15MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	42190 (3460.0MHz) + 42334 (3474.4MHz) 42543 (3495.3MHz) + 42687 (3509.7MHz) 42896 (3530.6MHz) + 43040 (3545.0MHz)	20MHz + 10MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	42140 (3455.0MHz) + 42284 (3469.4MHz) 42493 (3490.3MHz) + 42637 (3504.7MHz) 42846 (3525.6MHz) + 42990 (3540.0MHz)	10MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	42190 (3460.0MHz) + 42307 (3471.7MHz) 42569 (3497.9MHz) + 42686 (3509.6MHz) 42948 (3535.8MHz) + 43065 (3547.5MHz)	20MHz + 5MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	42115 (3452.5MHz) + 42232 (3464.2MHz) 42494 (3490.4MHz) + 42611 (3502.1MHz) 42873 (3528.3MHz) + 42990 (3540.0MHz)	5MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
RE Below 1GHz	42791 (3520.1MHz) + 42990 (3540.0MHz)	20MHz + 20MHz	QPSK	1 RB
RE Above 1GHz	42190 (3460.0MHz) + 42388 (3479.8MHz) 42491 (3490.1MHz) + 42689 (3509.9MHz) 42791 (3520.1MHz) + 42990 (3540.0MHz)	20MHz + 20MHz	QPSK	1 RB

3.3.7 LTE Band 48C

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	55340 (3560.0MHz) + 55538 (3579.8MHz) 55891 (3615.1MHz) + 56089 (3634.9MHz) 56442 (3670.2MHz) + 56640 (3690.0MHz)	20MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	55340 (3560.0MHz) + 55511 (3577.1MHz) 55916 (3617.6MHz) + 56087 (3634.7MHz) 56491 (3675.1MHz) + 56662 (3692.2MHz)	20MHz + 15MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	55318 (3557.8MHz) + 55489 (3574.9MHz) 55893 (3615.3MHz) + 56064 (3632.4MHz) 56469 (3672.9MHz) + 56640 (3690.0MHz)	15MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	55340 (3560.0MHz) + 55484 (3574.4MHz) 55941 (3620.1MHz) + 56085 (3634.5MHz) 56541 (3680.1MHz) + 56685 (3694.5MHz)	20MHz + 10MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	55295 (3555.5MHz) + 55439 (3569.9MHz) 55896 (3615.6MHz) + 56040 (3630.0MHz) 56496 (3675.6MHz) + 56640 (3690.0MHz)	10MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	55340 (3560.0MHz) + 55457 (3571.7MHz) 55965 (3622.5MHz) + 56082 (3634.2MHz) 56590 (3685.0MHz) + 56707 (3696.7MHz)	20MHz + 5MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	55273 (3553.3MHz) + 55390 (3565MHz) 55898 (3615.8MHz) + 56015 (3627.5MHz) 56523 (3678.3MHz) + 56640 (3690.0MHz)	5MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
RE Below 1GHz	55891 (3615.1MHz) + 56089 (3634.9MHz)	20MHz + 20MHz	QPSK	1 RB
RE Above 1GHz	55340 (3560.0MHz) + 55538 (3579.8MHz) 55891 (3615.1MHz) + 56089 (3634.9MHz) 56442 (3670.2MHz) + 56640 (3690.0MHz)	20MHz + 20MHz	QPSK	1 RB

3.3.8 LTE Band 66B

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	132022 (1715.0MHz) + 132121 (1724.9MHz) 132373 (1750.1MHz) + 132472 (1760.0MHz) 132523 (1765.1MHz) + 132622 (1775.0MHz)	10MHz + 10MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	132047 (1717.5MHz) + 132140 (1726.8MHz) 132398 (1752.6MHz) + 132491 (1761.9MHz) 132549 (1767.7MHz) + 132642 (1777.0MHz)	15MHz + 5MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	132002 (1713.0MHz) + 132095 (1722.3MHz) 132353 (1748.1MHz) + 132446 (1757.4MHz) 132504 (1763.2MHz) + 132597 (1772.5MHz)	5MHz + 15MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	132022 (1715.0MHz) + 132094 (1722.2MHz) 132397 (1752.5MHz) + 132469 (1759.7MHz) 132572 (1770.0MHz) + 132644 (1777.2MHz)	10MHz + 5MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	132000 (1712.8MHz) + 132072 (1720.0MHz) 132375 (1750MHz) + 132447 (1757.5MHz) 132550 (1767.8MHz) + 132622 (1775.0MHz)	5MHz + 10MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	131997 (1712.5MHz) + 132045 (1717.3MHz) 132398 (1752.6MHz) + 132446 (1757.4MHz) 132599 (1772.7MHz) + 132647 (1777.5MHz)	5MHz + 5MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
RE Below 1GHz	132373 (1750.1MHz) + 132472 (1760.0MHz)	10MHz + 10MHz	QPSK	1 RB
RE Above 1GHz	132022 (1715.0MHz) + 132121 (1724.9MHz) 132373 (1750.1MHz) + 132472 (1760.0MHz) 132523 (1765.1MHz) + 132622 (1775.0MHz)	10MHz + 10MHz	QPSK	1 RB

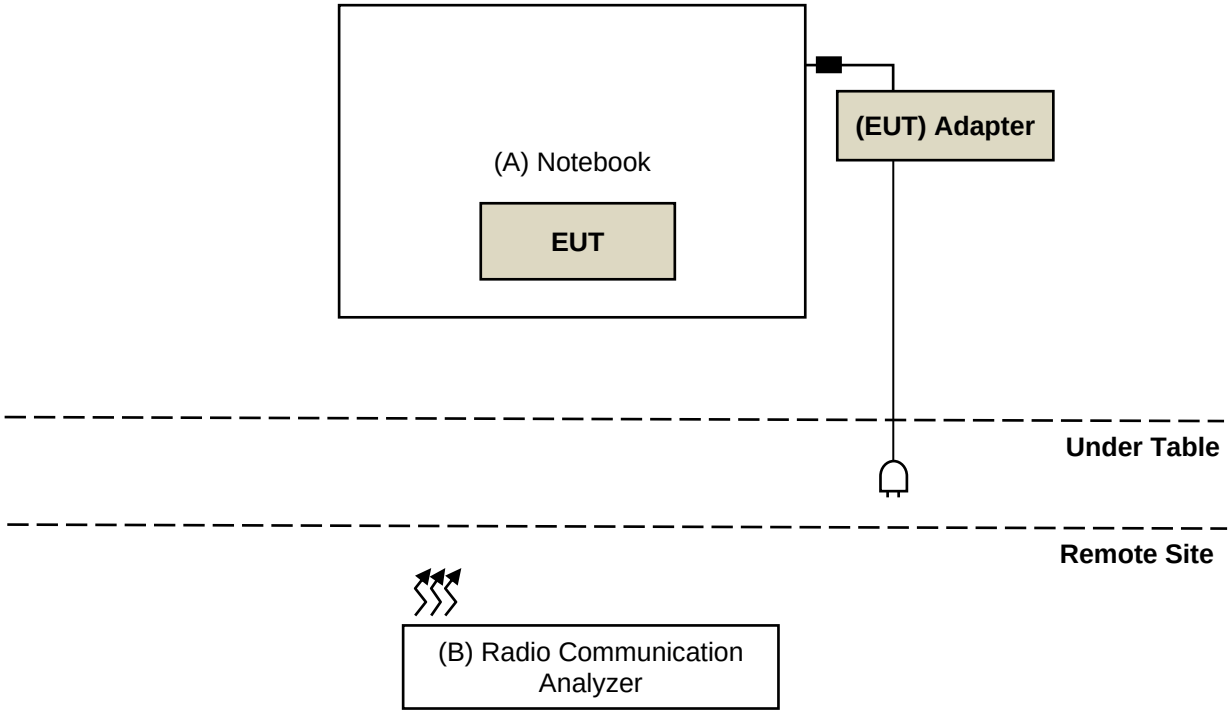
3.3.9 LTE Band 66C

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	132072 (1720.0MHz) + 132270 (1739.8MHz) 132323 (1745.1MHz) + 132521 (1764.9MHz) 132374 (1750.2MHz) + 132572 (1770.0MHz)	20MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	132072 (1720.0MHz) + 132243 (1737.1MHz) 132348 (1747.6MHz) + 132513 (1764.1MHz) 132423 (1755.1MHz) + 132594 (1772.2MHz)	20MHz + 15MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	132050 (1717.8MHz) + 132221 (1734.9MHz) 132325 (1745.3MHz) + 132496 (1762.4MHz) 132401 (1752.9MHz) + 132572 (1770.0MHz)	15MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	132072 (1720.0MHz) + 132216 (1734.4MHz) 132373 (1750.1MHz) + 132517 (1764.5MHz) 132473 (1760.1MHz) + 132617 (1774.6MHz)	20MHz + 10MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	132027 (1715.5MHz) + 131171 (1729.9MHz) 132328 (1745.6MHz) + 132472 (1760.0MHz) 132428 (1755.6MHz) + 132572 (1770.0MHz)	10MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	132072 (1720.0MHz) + 132189 (1731.7MHz) 132397 (1752.5MHz) + 132514 (1764.2MHz) 132522 (1765.0MHz) + 132639 (1776.7MHz)	20MHz + 5MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	132005 (1713.3MHz) + 132122 (1725.0MHz) 132330 (1745.8MHz) + 132447 (1757.5MHz) 132455 (1758.3MHz) + 132572 (1770.0MHz)	5MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	132047 (1717.5MHz) + 132027 (1729.5MHz) 132373 (1750.1MHz) + 132328 (1761.1MHz) 132499 (1762.7MHz) + 132428 (1774.7MHz)	15MHz + 10MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	132025 (1715.3MHz) + 132145 (1727.3MHz) 132351 (1747.9MHz) + 132471 (1759.9MHz) 132477 (1760.5MHz) + 132597 (1772.5MHz)	10MHz + 15MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	132047 (1717.5MHz) + 132197 (1732.5MHz) 132347 (1747.5MHz) + 132497 (1762.5MHz) 132447 (1757.5MHz) + 132597 (1772.5MHz)	15MHz + 15MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
RE Below 1GHz	132323 (1745.1MHz) + 132521 (1764.9MHz)	20MHz + 20MHz	QPSK	1 RB
RE Above 1GHz	132072 (1720.0MHz) + 132270 (1739.8MHz) 132323 (1745.1MHz) + 132521 (1764.9MHz) 132374 (1750.2MHz) + 132572 (1770.0MHz)	20MHz + 20MHz	QPSK	1 RB

3.4 Test Program Used and Operation Descriptions

There is no need to controlling software during the test, and the EUT can be paired with the Radio Communication Analyzer to test the connection when it is powered on.

3.5 Connection Diagram of EUT and Peripheral Devices



3.6 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Notebook	Getac	V120	N/A	N/A	Supplied by applicant
B	Radio Communication Analyzer	Anritsu	MT8821C	6201462755	N/A	Provided by Lab

4 Test Instruments

The calibration interval of the all test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Fixed Attenuator Woken	00800A1K01A-10	00800A1K01A-10-01	2025/5/23	2026/5/22
PXA Signal Analyzer Keysight	N9030B	MY57140938	2025/3/24	2026/3/23
Radio Communication Analyzer Anritsu	MT8821C	6261806803	2025/2/19	2026/2/18
Software BV	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2025/6/23 ~ 2025/7/2

4.2 Radiated Spurious Emissions below 1GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower Max-Full	MFA-515BSN	N/A	N/A	N/A
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-1214	2024/10/15	2025/10/14
EXA Signal Analyzer Agilent	N9010A	MY52220207	2024/12/30	2025/12/29
Loop Antenna TESEQ	HLA 6121	45745	2024/8/21	2025/8/20
MXE EMI Receiver Agilent	N9038A	MY52260177	2024/9/19	2025/9/18
Preamplifier EMCI	EMC330N	980798	2025/1/14	2026/1/13
RF Coaxial Cable EMCI	EMCCFD400-NM-NM-500	201248	2025/1/14	2026/1/13
	EMCCFD400-NM-NM-3000	201249	2025/1/14	2026/1/13
	EMCCFD400-NM-NM-9000	201251(with PAD)	2025/1/14	2026/1/13
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table Max-Full	MFT-201SS	N/A	N/A	N/A
Turn Table Controller Max-Full	MF-7802BS	MF780208676	N/A	N/A

Notes:

1. The test was performed in WM - 966 chamber 9.
2. Tested Date: 2025/6/15 ~ 2025/6/25

4.3 Radiated Spurious Emissions above 1GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower Max-Full	MFA-515BSN	N/A	N/A	N/A
EXA Signal Analyzer Agilent	N9010A	MY52220207	2024/12/30	2025/12/29
Horn Antenna RFSPIN	DRH18-E	210104A18E	2024/11/10	2025/11/9
Horn Antenna Schwarzbeck	BBHA 9170	9170-1049	2024/11/10	2025/11/9
MXE EMI Receiver Agilent	N9038A	MY52260177	2024/9/19	2025/9/18
Preamplifier Agilent	83017A	MY39501357	2025/6/11	2026/6/10
Preamplifier EMCI	EMC184045SE	980788	2025/1/14	2026/1/13
RF Coaxial Cable EMCI	EMC101G-KM-KM-2000	201254	2025/1/14	2026/1/13
	EMC101G-KM-KM-3000	201258	2025/1/14	2026/1/13
	EMC101G-KM-KM-5000	201261	2025/1/14	2026/1/13
	EMC104-SM-SM-1000	210103	2025/1/14	2026/1/13
	EMC104-SM-SM-3000	201241	2025/1/14	2026/1/13
	EMC104-SM-SM-9000	201244	2025/1/14	2026/1/13
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table Max-Full	MFT-201SS	N/A	N/A	N/A
Turn Table Controller Max-Full	MF-7802BS	MF780208676	N/A	N/A

Notes:

1. The test was performed in WM - 966 chamber 9.
2. Tested Date: 2025/6/25

5 Limits of Test Items

5.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

For LTE Band 2C:

Mobile and portable stations are limited to 2 watts EIRP.

For LTE Band 5B:

The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

For LTE Band 7C, LTE Band 38C, LTE Band 41C:

Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

For LTE Band 42C (3.45 GHz ~ 3.55 GHz):

Mobile devices are limited to 1Watt (30 dBm) EIRP.

For LTE Band 48C:

Device Category	Maximum EIRP (dBm/10 MHz)
End User Device	23
Category A CBSD	30
Category B CBSD	47

For LTE Band 66B, LTE Band 66C:

Fixed, mobile, and portable (hand-held) 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.

5.2 Radiated Spurious Emissions below 1GHz

For LTE Band 2C, LTE Band 5B:

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. The emission limit equal to –13 dBm.

For LTE Band 7C, LTE Band 38C, LTE Band 41C:

According to FCC 47 CFR part 27.53(m)(4), on any frequency outside a licensee's frequency block, The power of any emission shall be attenuated below the transmitter power (P) by at least 55 + 10 log (P) dB. The emission limit equal to –25 dBm.

For LTE Band 42C (3.45 GHz ~ 3.55 GHz):

According to FCC 47 CFR part 27.53(n), for operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed −13 dBm/MHz.

For LTE Band 48C:

The power of any emissions below 3530 MHz or above 3720 MHz shall not exceed −40 dBm/MHz.

For LTE Band 66B, LTE Band 66C:

According to FCC 47 CFR part 27.53(h), for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log (P) dB. The limit of emission is equal to -13 dBm.

5.3 Radiated Spurious Emissions above 1GHz

For LTE Band 2C, LTE Band 5B:

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. The emission limit equal to –13 dBm.

For LTE Band 7C, LTE Band 38C, LTE Band 41C:

According to FCC 47 CFR part 27.53(m)(4), on any frequency outside a licensee's frequency block, The power of any emission shall be attenuated below the transmitter power (P) by at least 55 + 10 log (P) dB. The emission limit equal to –25 dBm.

For LTE Band 42C (3.45 GHz ~ 3.55 GHz):

According to FCC 47 CFR part 27.53(n), for operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed −13 dBm/MHz.

For LTE Band 48C:

The power of any emissions below 3530 MHz or above 3720 MHz shall not exceed −40dBm/MHz.

For LTE Band 66B, LTE Band 66C:

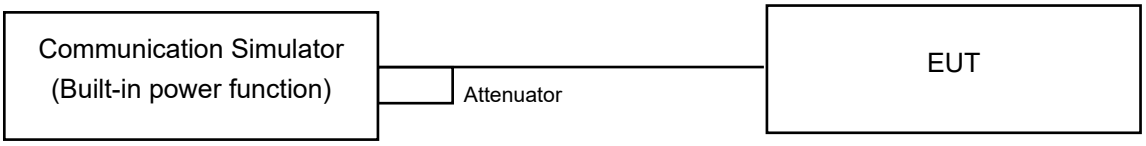
According to FCC 47 CFR part 27.53(h), for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log (P) dB. The limit of emission is equal to -13 dBm.

6 Test Arrangements

6.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

6.1.1 Test Setup

Conducted Power Measurement:



6.1.2 Test Procedure

Conducted Power Measurement:

The EUT is configured by emulator to set data modulation and maximum power using WWAN technology. The average (rms) power measurement was performed on emulator and power value was measured from power function on emulator. Set the EUT to transmit under low, middle and high channel and record the power level shown on simulator.

Maximum EIRP / ERP

The relevant equation for determining the maximum ERP or EIRP from the measured RF output power is given in Equation as follows:

$EIRP = P_{Meas} + G_T$

$ERP = P_{Meas} + G_T - 2.15$

where

ERP or EIRP effective radiated power or equivalent isotropically radiated power, respectively (expressed in the same units as P_{Meas}, e.g., dBm or dBW)

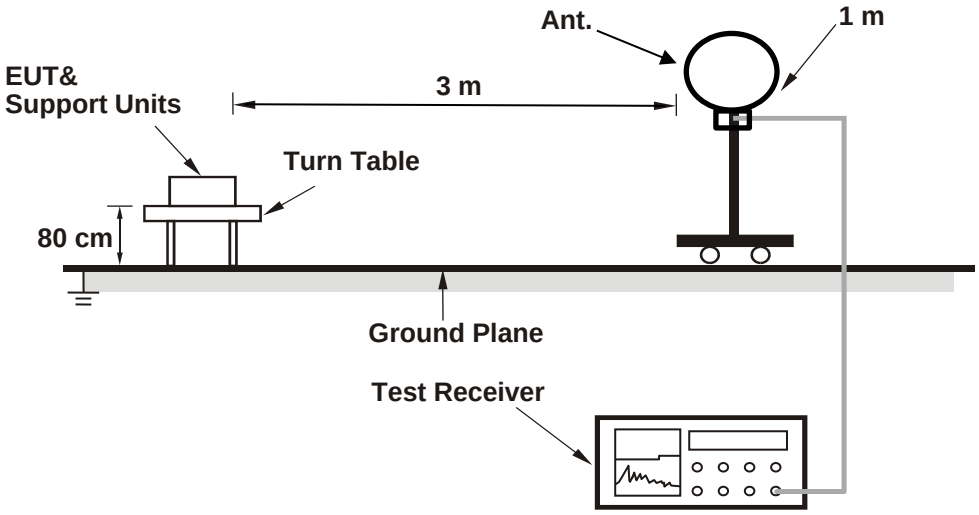
P_{Meas} measured transmitter output power or PSD, in dBm or dBW

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

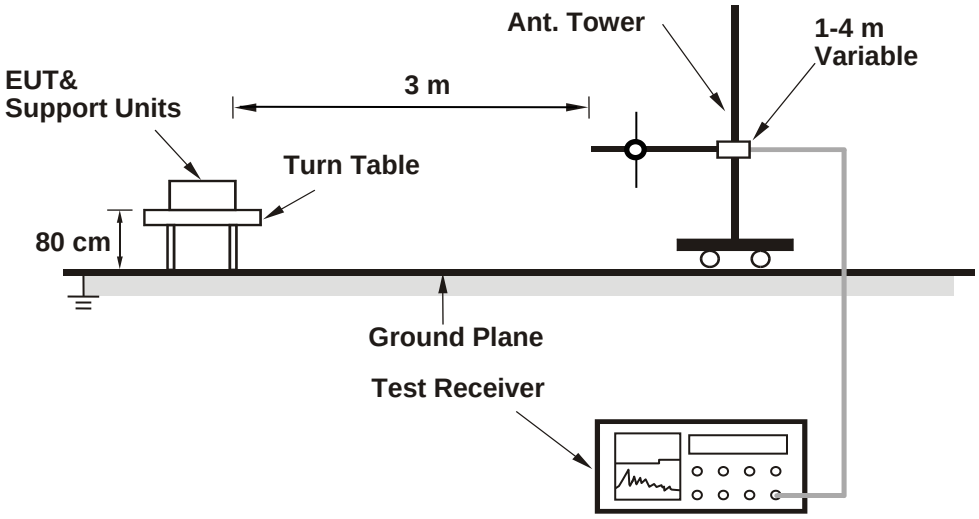
6.2 Radiated Spurious Emissions below 1GHz

6.2.1 Test Setup

For Radiated emission below 30 MHz



For Radiated emission above 30 MHz



For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.2.2 Test Procedure

The EUT is configured to set data modulation and maximum power using WWAN technology.

a. In the semi-anechoic chamber, EUT placed on the 0.8 m (below or equal 1 GHz) height of turn table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1 m to 4 m to find the maximum polar radiated power. The “Read Value” is the spectrum reading the maximum power value.

b. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

c. Perform a field strength measurement and record the worse read value, is the field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor and then mathematically convert the measured field strength level to EIRP/ERP level.

d. Following ANSI C63.26 section 5.5 and 5.2.7

e. EIRP (dBm) = E (dBμV/m) + 20log(D) - 104.8; where D is the measurement distance (in the far field region) in m.

f. ERP (dBm) = E (dBμV/m) + 20log(D) - 104.8 - 2.15; where D is the measurement distance (in the far field region) in m.

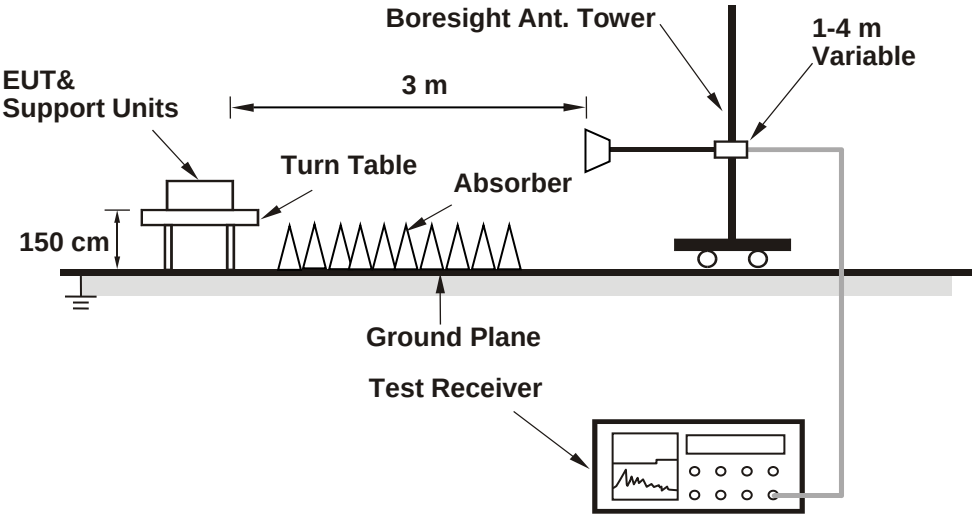
Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz/3 MHz. Set detector = average.
2. The amplitude of spurious emissions in the range 9 kHz to 30 MHz which are attenuated more than 20 dB below the permissible value need not be reported.

6.3 Radiated Spurious Emissions above 1GHz

6.3.1 Test Setup

For radiated emission above 1 GHz



For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.3.2 Test Procedure

The EUT is configured to set data modulation and maximum power using WWAN technology.

a. In the semi-anechoic chamber, EUT placed on the 1.5 m height of turn table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1 m to 4 m to find the maximum polar radiated power. The “Read Value” is the spectrum reading the maximum power value.

b. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

c. Perform a field strength measurement and record the worse read value, is the field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor and then mathematically convert the measured field strength level to EIRP/ERP level.

d. Following ANSI C63.26 section 5.5 and 5.2.7

e. EIRP (dBm) = E (dBμV/m) + 20log(D) - 104.8; where D is the measurement distance (in the far field region) in m.

f. ERP (dBm) = E (dBμV/m) + 20log(D) - 104.8 - 2.15; where D is the measurement distance (in the far field region) in m.

Note: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz/3 MHz. Set detector = average.

7 Test Results of Test Item

7.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

Input Power:	7.74 Vdc	Environmental Conditions:	23°C, 62% RH	Tested By:	Charles Hsiao

7.1.1 LTE Band 2C

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_2C	2	20	QPSK20M	1	0	18700	1860	2	20	QPSK20M	1	99	18898	1879.8	12.33
					1	99						1	0			18.33
					100	0						100	0			16.37
		2	20	QPSK20M	1	0	18801	1870.1	2	20	QPSK20M	1	99	18999	1889.9	12.14
					1	99						1	0			18.31
					100	0						100	0			16.21
		2	20	QPSK20M	1	0	18902	1880.2	2	20	QPSK20M	1	99	19100	1900	12.11
					1	99						1	0			18.31
					100	0						100	0			16.24
	CA_2C	2	20	QPSK20M	1	0	18700	1860	2	15	QPSK15M	1	74	18871	1877.1	12.28
					1	99						1	0			18.20
					100	0						75	0			16.16
		2	20	QPSK20M	1	0	18826	1872.6	2	15	QPSK15M	1	74	18997	1889.7	12.00
					1	99						1	0			18.18
					100	0						75	0			16.15
		2	20	QPSK20M	1	0	18951	1885.1	2	15	QPSK15M	1	74	19122	1902.2	11.95
					1	99						1	0			18.21
					100	0						75	0			16.14
	CA_2C	2	15	QPSK15M	1	0	18678	1857.8	2	20	QPSK20M	1	99	18849	1874.9	12.24
					1	74						1	0			18.14
					75	0						100	0			16.20
		2	15	QPSK15M	1	0	18803	1870.3	2	20	QPSK20M	1	99	18974	1887.4	12.06
					1	74						1	0			18.20
					75	0						100	0			16.00
		2	15	QPSK15M	1	0	18929	1882.9	2	20	QPSK20M	1	99	19100	1900	12.00
					1	74						1	0			18.27
					75	0						100	0			16.09
	CA_2C	2	20	QPSK20M	1	0	18700	1860	2	10	QPSK10M	1	49	18844	1874.4	12.14
					1	99						1	0			18.19
					100	0						50	0			16.19
		2	20	QPSK20M	1	0	18851	1875.1	2	10	QPSK10M	1	49	18995	1889.5	12.04
					1	99						1	0			18.10
					100	0						50	0			16.03
		2	20	QPSK20M	1	0	19001	1890.1	2	10	QPSK10M	1	49	19145	1904.5	12.00
					1	99						1	0			18.26
					100	0						50	0			16.14
	CA_2C	2	10	QPSK10M	1	0	18655	1855.5	2	20	QPSK20M	1	99	18799	1869.9	12.22
					1	49						1	0			18.10
					50	0						100	0			16.15
		2	10	QPSK10M	1	0	18806	1870.6	2	20	QPSK20M	1	99	18950	1885	12.01
					1	49						1	0			18.21
					50	0						100	0			16.14
		2	10	QPSK10M	1	0	18956	1885.6	2	20	QPSK20M	1	99	19100	1900	11.97
					1	49						1	0			18.18
					50	0						100	0			16.14

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_2C	2	20	QPSK20M	1	0	18700	1860	2	5	QPSK5M	1	24	18817	1871.7	12.12
					1	99						1	0			18.21
					100	0						25	0			16.17
		2	20	QPSK20M	1	0	18875	1877.5	2	5	QPSK5M	1	24	18992	1889.2	12.01
					1	99						1	0			18.27
					100	0						25	0			16.08
		2	20	QPSK20M	1	0	19050	1895	2	5	QPSK5M	1	24	19167	1906.7	11.93
					1	99						1	0			18.17
					100	0						25	0			16.18
	CA_2C	2	5	QPSK5M	1	0	18633	1853.3	2	20	QPSK20M	1	99	18750	1865	12.23
					1	24						1	0			18.20
					25	0						100	0			16.30
		2	5	QPSK5M	1	0	18802	1870.8	2	20	QPSK20M	1	99	18925	1882.5	12.04
					1	24						1	0			18.12
					25	0						100	0			15.99
		2	5	QPSK5M	1	0	18983	1888.3	2	20	QPSK20M	1	99	19100	1900	11.93
					1	24						1	0			18.16
					25	0						100	0			16.03
	CA_2C	2	15	QPSK15M	1	0	18675	1857.5	2	10	QPSK10M	1	49	18795	1869.5	12.25
					1	74						1	0			18.18
					75	0						50	0			16.18
		2	15	QPSK15M	1	0	18851	1875.1	2	10	QPSK10M	1	49	18971	1887.1	11.96
					1	74						1	0			18.18
					75	0						50	0			16.07
		2	15	QPSK15M	1	0	19027	1892.7	2	10	QPSK10M	1	49	19147	1904.7	11.97
					1	74						1	0			18.14
					75	0						50	0			16.08
	CA_2C	2	10	QPSK10M	1	0	18653	1855.3	2	15	QPSK15M	1	74	18773	1867.3	12.09
					1	49						1	0			18.25
					50	0						75	0			16.29
		2	10	QPSK10M	1	0	18829	1872.9	2	15	QPSK15M	1	74	18949	1884.9	11.99
					1	49						1	0			18.12
					50	0						75	0			16.13
		2	10	QPSK10M	1	0	19005	1890.5	2	15	QPSK15M	1	74	19100	1900	11.90
					1	49						1	0			18.23
					50	0						75	0			16.07
	CA_2C	2	15	QPSK15M	1	0	18675	1857.5	2	15	QPSK15M	1	74	18825	1872.5	12.21
					1	74						1	0			18.17
					75	0						75	0			16.23
		2	15	QPSK15M	1	0	18825	1872.5	2	15	QPSK15M	1	74	18975	1887.5	12.03
					1	74						1	0			18.15
					75	0						75	0			16.14
		2	15	QPSK15M	1	0	18975	1887.5	2	15	QPSK15M	1	74	19125	1902.5	11.88
					1	74						1	0			18.20
					75	0						75	0			16.13

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_2C	2	20	16QAM20M	1	0	18700	1860	2	20	16QAM20M	1	99	18898	1879.8	10.77
					1	99						1	0			17.72
					100	0						100	0			15.35
		2	20	16QAM20M	1	0	18801	1870.1	2	20	16QAM20M	1	99	18999	1889.9	10.69
					1	99						1	0			17.63
					100	0						100	0			15.46
		2	20	16QAM20M	1	0	18902	1880.2	2	20	16QAM20M	1	99	19100	1900	10.48
					1	99						1	0			17.50
					100	0						100	0			15.42
	CA_2C	2	20	16QAM20M	1	0	18700	1860	2	15	16QAM15M	1	74	18871	1877.1	10.68
					1	99						1	0			17.65
					100	0						75	0			15.26
		2	20	16QAM20M	1	0	18826	1872.6	2	15	16QAM15M	1	74	18997	1889.7	10.57
					1	99						1	0			17.53
					100	0						75	0			15.33
		2	20	16QAM20M	1	0	18951	1885.1	2	15	16QAM15M	1	74	19122	1902.2	10.40
					1	99						1	0			17.40
					100	0						75	0			15.40
	CA_2C	2	15	16QAM15M	1	0	18678	1857.8	2	20	16QAM20M	1	99	18849	1874.9	10.69
					1	74						1	0			17.56
					75	0						100	0			15.13
		2	15	16QAM15M	1	0	18803	1870.3	2	20	16QAM20M	1	99	18974	1887.4	10.53
					1	74						1	0			17.51
					75	0						100	0			15.25
		2	15	16QAM15M	1	0	18929	1882.9	2	20	16QAM20M	1	99	19100	1900	10.38
					1	74						1	0			17.35
					75	0						100	0			15.40
	CA_2C	2	20	16QAM20M	1	0	18700	1860	2	10	16QAM10M	1	49	18844	1874.4	10.65
					1	99						1	0			17.63
					100	0						50	0			15.26
		2	20	16QAM20M	1	0	18851	1875.1	2	10	16QAM10M	1	49	18995	1889.5	10.51
					1	99						1	0			17.51
					100	0						50	0			15.29
		2	20	16QAM20M	1	0	19001	1890.1	2	10	16QAM10M	1	49	19145	1904.5	10.39
					1	99						1	0			17.34
					100	0						50	0			15.24
	CA_2C	2	10	16QAM10M	1	0	18655	1855.5	2	20	16QAM20M	1	99	18799	1869.9	10.62
					1	49						1	0			17.54
					50	0						100	0			15.24
		2	10	16QAM10M	1	0	18806	1870.6	2	20	16QAM20M	1	99	18950	1885	10.53
					1	49						1	0			17.42
					50	0						100	0			15.35
		2	10	16QAM10M	1	0	18956	1885.6	2	20	16QAM20M	1	99	19100	1900	10.35
					1	49						1	0			17.39
					50	0						100	0			15.24
	CA_2C	2	20	16QAM20M	1	0	18700	1860	2	5	16QAM5M	1	24	18817	1871.7	10.63
					1	99						1	0			17.58
					100	0						25	0			15.17
		2	20	16QAM20M	1	0	18875	1877.5	2	5	16QAM5M	1	24	18992	1889.2	10.59
					1	99						1	0			17.53
					100	0						25	0			15.36
		2	20	16QAM20M	1	0	19050	1895	2	5	16QAM5M	1	24	19167	1906.7	10.38
					1	99						1	0			17.31
					100	0						25	0			15.30
	CA_2C	2	5	16QAM5M	1	0	18633	1853.3	2	20	16QAM20M	1	99	18750	1865	10.60
					1	24						1	0			17.60
					25	0						100	0			15.25
		2	5	16QAM5M	1	0	18802	1870.8	2	20	16QAM20M	1	99	18925	1882.5	10.67
					1	24						1	0			17.49
					25	0						100	0			15.27
		2	5	16QAM5M	1	0	18983	1888.3	2	20	16QAM20M	1	99	19100	1900	10.32
					1	24						1	0			17.39
					25	0						100	0			15.34

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_2C	2	15	16QAM15M	1	0	18675	1857.5	2	10	16QAM10M	1	49	18795	1869.5	10.67
					1	74						1	0			17.55
					75	0						50	0			15.17
		2	15	16QAM15M	1	0	18851	1875.1	2	10	16QAM10M	1	49	18971	1887.1	10.51
					1	74						1	0			17.49
					75	0						50	0			15.21
		2	15	16QAM15M	1	0	19027	1892.7	2	10	16QAM10M	1	49	19147	1904.7	10.40
					1	74						1	0			17.34
					75	0						50	0			15.36
	CA_2C	2	10	16QAM10M	1	0	18653	1855.3	2	15	16QAM15M	1	74	18773	1867.3	10.64
					1	49						1	0			17.50
					50	0						75	0			15.31
		2	10	16QAM10M	1	0	18829	1872.9	2	15	16QAM15M	1	74	18949	1884.9	10.63
					1	49						1	0			17.58
					50	0						75	0			15.39
		2	10	16QAM10M	1	0	19005	1890.5	2	15	16QAM15M	1	74	19100	1900	10.35
					1	49						1	0			17.28
					50	0						75	0			15.34
	CA_2C	2	15	16QAM15M	1	0	18675	1857.5	2	15	16QAM15M	1	74	18825	1872.5	10.64
					1	74						1	0			17.59
					75	0						75	0			15.22
		2	15	16QAM15M	1	0	18825	1872.5	2	15	16QAM15M	1	74	18975	1887.5	10.60
					1	74						1	0			17.44
					75	0						75	0			15.32
		2	15	16QAM15M	1	0	18975	1887.5	2	15	16QAM15M	1	74	19125	1902.5	10.41
					1	74						1	0			17.38
					75	0						75	0			15.36

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_2C	2	20	64QAM20M	1	0	18700	1860	2	20	64QAM20M	1	99	18898	1879.8	10.17
					1	99						1	0			16.81
					100	0						100	0			14.61
		2	20	64QAM20M	1	0	18801	1870.1	2	20	64QAM20M	1	99	18999	1889.9	10.05
					1	99						1	0			16.62
					100	0						100	0			14.51
		2	20	64QAM20M	1	0	18902	1880.2	2	20	64QAM20M	1	99	19100	1900	10.06
					1	99						1	0			16.55
					100	0						100	0			14.45
	CA_2C	2	20	64QAM20M	1	0	18700	1860	2	15	64QAM15M	1	74	18871	1877.1	10.08
					1	99						1	0			16.71
					100	0						75	0			14.39
		2	20	64QAM20M	1	0	18826	1872.6	2	15	64QAM15M	1	74	18997	1889.7	9.81
					1	99						1	0			16.41
					100	0						75	0			14.43
		2	20	64QAM20M	1	0	18951	1885.1	2	15	64QAM15M	1	74	19122	1902.2	9.94
					1	99						1	0			16.40
					100	0						75	0			14.35
	CA_2C	2	15	64QAM15M	1	0	18678	1857.8	2	20	64QAM20M	1	99	18849	1874.9	9.98
					1	74						1	0			16.66
					75	0						100	0			14.47
		2	15	64QAM15M	1	0	18803	1870.3	2	20	64QAM20M	1	99	18974	1887.4	9.94
					1	74						1	0			16.54
					75	0						100	0			14.40
		2	15	64QAM15M	1	0	18929	1882.9	2	20	64QAM20M	1	99	19100	1900	9.93
					1	74						1	0			16.43
					75	0						100	0			14.27
	CA_2C	2	20	64QAM20M	1	0	18700	1860	2	10	64QAM10M	1	49	18844	1874.4	9.99
					1	99						1	0			16.58
					100	0						50	0			14.43
		2	20	64QAM20M	1	0	18851	1875.1	2	10	64QAM10M	1	49	18995	1889.5	9.86
					1	99						1	0			16.53
					100	0						50	0			14.38
		2	20	64QAM20M	1	0	19001	1890.1	2	10	64QAM10M	1	49	19145	1904.5	9.93
					1	99						1	0			16.49
					100	0						50	0			14.33
	CA_2C	2	10	64QAM10M	1	0	18655	1855.5	2	20	64QAM20M	1	99	18799	1869.9	10.01
					1	49						1	0			16.65
					50	0						100	0			14.50
		2	10	64QAM10M	1	0	18806	1870.6	2	20	64QAM20M	1	99	18950	1885	9.87
					1	49						1	0			16.57
					50	0						100	0			14.49
		2	10	64QAM10M	1	0	18956	1885.6	2	20	64QAM20M	1	99	19100	1900	9.96
					1	49						1	0			16.43
					50	0						100	0			14.32
	CA_2C	2	20	64QAM20M	1	0	18700	1860	2	5	64QAM5M	1	24	18817	1871.7	10.03
					1	99						1	0			16.68
					100	0						25	0			14.46
		2	20	64QAM20M	1	0	18875	1877.5	2	5	64QAM5M	1	24	18992	1889.2	9.91
					1	99						1	0			16.48
					100	0						25	0			14.41
		2	20	64QAM20M	1	0	19050	1895	2	5	64QAM5M	1	24	19167	1906.7	10.01
					1	99						1	0			16.43
					100	0						25	0			14.33
	CA_2C	2	5	64QAM5M	1	0	18633	1853.3	2	20	64QAM20M	1	99	18750	1865	10.04
					1	24						1	0			16.68
					25	0						100	0			14.45
		2	5	64QAM5M	1	0	18802	1870.8	2	20	64QAM20M	1	99	18925	1882.5	9.96
					1	24						1	0			16.50
					25	0						100	0			14.36
		2	5	64QAM5M	1	0	18983	1888.3	2	20	64QAM20M	1	99	19100	1900	9.91
					1	24						1	0			16.45
					25	0						100	0			14.29

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_2C	2	15	64QAM15M	1	0	18675	1857.5	2	10	64QAM10M	1	49	18795	1869.5	10.05
					1	74						1	0			16.69
					75	0						50	0			14.50
		2	15	64QAM15M	1	0	18851	1875.1	2	10	64QAM10M	1	49	18971	1887.1	10.01
					1	74						1	0			16.52
					75	0						50	0			14.33
		2	15	64QAM15M	1	0	19027	1892.7	2	10	64QAM10M	1	49	19147	1904.7	9.91
					1	74						1	0			16.47
					75	0						50	0			14.24
	CA_2C	2	10	64QAM10M	1	0	18653	1855.3	2	15	64QAM15M	1	74	18773	1867.3	10.04
					1	49						1	0			16.61
					50	0						75	0			14.41
		2	10	64QAM10M	1	0	18829	1872.9	2	15	64QAM15M	1	74	18949	1884.9	9.93
					1	49						1	0			16.53
					50	0						75	0			14.40
		2	10	64QAM10M	1	0	19005	1890.5	2	15	64QAM15M	1	74	19100	1900	9.90
					1	49						1	0			16.34
					50	0						75	0			14.42
	CA_2C	2	15	64QAM15M	1	0	18675	1857.5	2	15	64QAM15M	1	74	18825	1872.5	10.00
					1	74						1	0			16.66
					75	0						75	0			14.44
		2	15	64QAM15M	1	0	18825	1872.5	2	15	64QAM15M	1	74	18975	1887.5	9.99
					1	74						1	0			16.54
					75	0						75	0			14.30
		2	15	64QAM15M	1	0	18975	1887.5	2	15	64QAM15M	1	74	19125	1902.5	9.82
					1	74						1	0			16.41
					75	0						75	0			14.38

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_2C	2	20	256QAM20M	1	0	18700	1860	2	20	256QAM20M	1	99	18898	1879.8	7.00
					1	99						1	0			13.80
					100	0						100	0			11.67
		2	20	256QAM20M	1	0	18801	1870.1	2	20	256QAM20M	1	99	18999	1889.9	6.92
					1	99						100	0			13.57
					100	0						1	0			11.50
		2	20	256QAM20M	1	0	18902	1880.2	2	20	256QAM20M	1	99	19100	1900	6.81
					1	99						1	0			13.42
					100	0						100	0			11.58
	CA_2C	2	20	256QAM20M	1	0	18700	1860	2	15	256QAM15M	1	74	18871	1877.1	6.82
					1	99						1	0			13.70
					100	0						75	0			11.53
		2	20	256QAM20M	1	0	18826	1872.6	2	15	256QAM15M	1	74	18997	1889.7	6.71
					1	99						1	0			13.52
					100	0						75	0			11.31
		2	20	256QAM20M	1	0	18951	1885.1	2	15	256QAM15M	1	74	19122	1902.2	6.70
					1	99						1	0			13.33
					100	0						75	0			11.39
	CA_2C	2	15	256QAM15M	1	0	18678	1857.8	2	20	256QAM20M	1	99	18849	1874.9	6.82
					1	74						1	0			13.75
					75	0						100	0			11.49
		2	15	256QAM15M	1	0	18803	1870.3	2	20	256QAM20M	1	99	18974	1887.4	6.79
					1	74						1	0			13.48
					75	0						100	0			11.43
		2	15	256QAM15M	1	0	18929	1882.9	2	20	256QAM20M	1	99	19100	1900	6.73
					1	74						1	0			13.22
					75	0						100	0			11.39
	CA_2C	2	20	256QAM20M	1	0	18700	1860	2	10	256QAM10M	1	49	18844	1874.4	6.82
					1	99						1	0			13.75
					100	0						50	0			11.47
		2	20	256QAM20M	1	0	18851	1875.1	2	10	256QAM10M	1	49	18995	1889.5	6.77
					1	99						1	0			13.51
					100	0						50	0			11.38
		2	20	256QAM20M	1	0	19001	1890.1	2	10	256QAM10M	1	49	19145	1904.5	6.65
					1	99						1	0			13.36
					100	0						50	0			11.50
	CA_2C	2	10	256QAM10M	1	0	18655	1855.5	2	20	256QAM20M	1	99	18799	1869.9	6.86
					1	49						1	0			13.63
					50	0						100	0			11.55
		2	10	256QAM10M	1	0	18806	1870.6	2	20	64QAM20M	1	99	18950	1885	6.82
					1	49						1	0			13.52
					50	0						100	0			11.36
		2	10	256QAM10M	1	0	18956	1885.6	2	20	64QAM20M	1	99	19100	1900	6.66
					1	49						1	0			13.32
					50	0						100	0			11.49
	CA_2C	2	20	256QAM20M	1	0	18700	1860	2	5	256QAM5M	1	24	18817	1871.7	6.90
					1	99						1	0			13.63
					100	0						25	0			11.50
		2	20	256QAM20M	1	0	18875	1877.5	2	5	256QAM5M	1	24	18992	1889.2	6.81
					1	99						1	0			13.39
					100	0						25	0			11.32
		2	20	256QAM20M	1	0	19050	1895	2	5	256QAM5M	1	24	19167	1906.7	6.70
					1	99						1	0			13.23
					100	0						25	0			11.48
	CA_2C	2	5	256QAM5M	1	0	18633	1853.3	2	20	256QAM20M	1	99	18750	1865	6.89
					1	24						1	0			13.64
					25	0						100	0			11.47
		2	5	256QAM5M	1	0	18802	1870.8	2	20	256QAM20M	1	99	18925	1882.5	6.90
					1	24						1	0			13.45
					25	0						100	0			11.36
		2	5	256QAM5M	1	0	18983	1888.3	2	20	256QAM20M	1	99	19100	1900	6.72
					1	24						1	0			13.28
					25	0						100	0			11.48

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_2C	2	15	256QAM15M	1	0	18675	1857.5	2	10	256QAM10M	1	49	18795	1869.5	6.86
					1	74						1	0			13.68
					75	0						50	0			11.55
		2	15	256QAM15M	1	0	18851	1875.1	2	10	256QAM10M	1	49	18971	1887.1	6.80
					1	74						1	0			13.46
					75	0						50	0			11.39
		2	15	256QAM15M	1	0	19027	1892.7	2	10	256QAM10M	1	49	19147	1904.7	6.72
					1	74						1	0			13.35
					75	0						50	0			11.49
	CA_2C	2	10	256QAM10M	1	0	18653	1855.3	2	15	256QAM15M	1	74	18773	1867.3	6.83
					1	49						1	0			13.67
					50	0						75	0			11.52
		2	10	256QAM10M	1	0	18829	1872.9	2	15	256QAM15M	1	74	18949	1884.9	6.76
					1	49						1	0			13.36
					50	0						75	0			11.36
		2	10	256QAM10M	1	0	19005	1890.5	2	15	256QAM15M	1	74	19100	1900	6.75
					1	49						1	0			13.25
					50	0						75	0			11.49
	CA_2C	2	15	256QAM15M	1	0	18675	1857.5	2	15	256QAM15M	1	74	18825	1872.5	6.76
					1	74						1	0			13.60
					75	0						75	0			11.52
		2	15	256QAM15M	1	0	18825	1872.5	2	15	256QAM15M	1	74	18975	1887.5	6.78
					1	74						1	0			13.47
					75	0						75	0			11.38
		2	15	256QAM15M	1	0	18975	1887.5	2	15	256QAM15M	1	74	19125	1902.5	6.61
					1	74						1	0			13.28
					75	0						75	0			11.44

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	11.88	18.33	13.69	20.14	33.01
16QAM	10.32	17.72	12.13	19.53	33.01
64QAM	9.81	16.81	11.62	18.62	33.01
256QAM	6.61	13.80	8.42	15.61	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.2 LTE Band 5B

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_5B	5	10	QPSK10M	1	0	20450	829	5	10	QPSK10M	1	49	20549	838.9	16.24
					1	49						1	0			22.15
					50	0						50	0			20.06
		5	10	QPSK10M	1	0	20476	831.6	5	10	QPSK10M	1	49	20575	841.5	16.13
					1	49						50	0			21.95
					50	0						1	0			19.83
		5	10	QPSK10M	1	0	20501	834.1	5	10	QPSK10M	1	49	20600	844	16.07
					1	49						1	0			21.91
					50	0						50	0			19.74
	CA_5B	5	10	QPSK10M	1	0	20450	829	5	5	QPSK5M	1	24	20522	836.2	16.03
					1	49						1	0			21.99
					50	0						25	0			20.00
		5	10	QPSK10M	1	0	20500	834	5	5	QPSK5M	1	24	20572	841.2	16.03
					1	49						1	0			21.73
					50	0						25	0			19.80
		5	10	QPSK10M	1	0	20550	839	5	5	QPSK5M	1	24	20622	846.2	15.99
					1	49						1	0			21.70
					50	0						25	0			19.53
	CA_5B	5	5	QPSK5M	1	0	20428	826.8	5	10	QPSK10M	1	49	20500	834	16.07
					1	24						1	0			21.94
					25	0						50	0			19.91
		5	5	QPSK5M	1	0	20478	831.8	5	10	QPSK10M	1	49	20550	839	15.99
					1	24						1	0			21.83
					25	0						50	0			19.69
		5	5	QPSK5M	1	0	20528	836.8	5	10	QPSK10M	1	49	20600	844	15.98
					1	24						1	0			21.79
					25	0						50	0			19.72
	CA_5B	5	5	QPSK5M	1	0	20425	826.5	5	3	QPSK3M	1	14	20464	830.4	16.13
					1	24						1	0			21.97
					25	0						15	0			20.04
		5	5	QPSK5M	1	0	20510	835	5	3	QPSK3M	1	14	20549	838.9	16.02
					1	24						1	0			21.75
					25	0						15	0			19.77
		5	5	QPSK5M	1	0	20595	843.5	5	3	QPSK3M	1	14	20634	847.4	15.92
					1	24						1	0			21.76
					25	0						15	0			19.58
	CA_5B	5	3	QPSK3M	1	0	20416	825.6	5	5	QPSK5M	1	24	20455	829.5	16.15
					1	14						1	0			21.98
					15	0						25	0			19.83
		5	3	QPSK3M	1	0	20501	834.1	5	5	QPSK5M	1	24	20540	838	16.00
					1	14						1	0			21.84
					15	0						25	0			19.74
		5	3	QPSK3M	1	0	20586	842.6	5	5	QPSK5M	1	24	20625	846.5	15.90
					1	14						1	0			21.85
					15	0						25	0			19.69

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_5B	5	10	16QAM10M	1	0	20450	829	5	10	16QAM10M	1	49	20549	838.9	14.57
					1	49						1	0			21.37
					50	0						50	0			19.48
		5	10	16QAM10M	1	0	20476	831.6	5	10	16QAM10M	1	49	20575	841.5	14.42
					1	49						50	0			21.32
					50	0						1	0			19.39
		5	10	16QAM10M	1	0	20501	834.1	5	10	16QAM10M	1	49	20600	844	14.41
					1	49						1	0			21.12
					50	0						50	0			19.13
	CA_5B	5	10	16QAM10M	1	0	20450	829	5	5	16QAM5M	1	24	20522	836.2	14.43
					1	49						1	0			21.32
					50	0						25	0			19.33
		5	10	16QAM10M	1	0	20500	834	5	5	16QAM5M	1	24	20572	841.2	14.26
					1	49						1	0			21.12
					50	0						25	0			19.34
		5	10	16QAM10M	1	0	20550	839	5	5	16QAM5M	1	24	20622	846.2	14.22
					1	49						1	0			20.94
					50	0						25	0			18.99
	CA_5B	5	5	16QAM5M	1	0	20428	826.8	5	10	16QAM10M	1	49	20500	834	14.41
					1	24						1	0			21.20
					25	0						50	0			19.34
		5	5	16QAM5M	1	0	20478	831.8	5	10	16QAM10M	1	49	20550	839	14.34
					1	24						1	0			21.20
					25	0						50	0			19.23
		5	5	16QAM5M	1	0	20528	836.8	5	10	16QAM10M	1	49	20600	844	14.30
					1	24						1	0			21.02
					25	0						50	0			19.03
	CA_5B	5	5	16QAM5M	1	0	20425	826.5	5	3	16QAM3M	1	14	20464	830.4	14.39
					1	24						1	0			21.25
					25	0						15	0			19.35
		5	5	16QAM5M	1	0	20510	835	5	3	16QAM3M	1	14	20549	838.9	14.25
					1	24						1	0			21.22
					25	0						15	0			19.15
		5	5	16QAM5M	1	0	20595	843.5	5	3	16QAM3M	1	14	20634	847.4	14.34
					1	24						1	0			21.07
					25	0						15	0			19.01
	CA_5B	5	3	16QAM3M	1	0	20416	825.6	5	5	16QAM5M	1	24	20455	829.5	14.52
					1	14						1	0			21.29
					15	0						25	0			19.44
		5	3	16QAM3M	1	0	20501	834.1	5	5	16QAM5M	1	24	20540	838	14.30
					1	14						1	0			21.17
					15	0						25	0			19.29
		5	3	16QAM3M	1	0	20586	842.6	5	5	16QAM5M	1	24	20625	846.5	14.28
					1	14						1	0			20.91
					15	0						25	0			18.89

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_5B	5	10	64QAM10M	1	0	20450	829	5	10	64QAM10M	1	49	20549	838.9	13.75
					1	49						1	0			20.14
					50	0						50	0			18.09
		5	10	64QAM10M	1	0	20476	831.6	5	10	64QAM10M	1	49	20575	841.5	13.55
					1	49						50	0			19.94
					50	0						1	0			18.02
		5	10	64QAM10M	1	0	20501	834.1	5	10	64QAM10M	1	49	20600	844	13.63
					1	49						1	0			20.02
					50	0						50	0			18.08
	CA_5B	5	10	64QAM10M	1	0	20450	829	5	5	64QAM5M	1	24	20522	836.2	13.62
					1	49						1	0			20.05
					50	0						25	0			18.00
		5	10	64QAM10M	1	0	20500	834	5	5	64QAM5M	1	24	20572	841.2	13.42
					1	49						1	0			19.81
					50	0						25	0			17.93
		5	10	64QAM10M	1	0	20550	839	5	5	64QAM5M	1	24	20622	846.2	13.50
					1	49						1	0			19.95
					50	0						25	0			17.90
	CA_5B	5	5	64QAM5M	1	0	20428	826.8	5	10	64QAM10M	1	49	20500	834	13.59
					1	24						1	0			20.03
					25	0						50	0			17.85
		5	5	64QAM5M	1	0	20478	831.8	5	10	64QAM10M	1	49	20550	839	13.39
					1	24						1	0			19.86
					25	0						50	0			17.82
		5	5	64QAM5M	1	0	20528	836.8	5	10	64QAM10M	1	49	20600	844	13.50
					1	24						1	0			19.92
					25	0						50	0			17.95
	CA_5B	5	5	64QAM5M	1	0	20425	826.5	5	3	64QAM3M	1	14	20464	830.4	13.63
					1	24						1	0			19.91
					25	0						15	0			17.94
		5	5	64QAM5M	1	0	20510	835	5	3	64QAM3M	1	14	20549	838.9	13.48
					1	24						1	0			19.91
					25	0						15	0			17.83
		5	5	64QAM5M	1	0	20595	843.5	5	3	64QAM3M	1	14	20634	847.4	13.56
					1	24						1	0			19.96
					25	0						15	0			17.89
	CA_5B	5	3	64QAM3M	1	0	20416	825.6	5	5	64QAM5M	1	24	20455	829.5	13.62
					1	14						1	0			19.97
					15	0						25	0			18.02
		5	3	64QAM3M	1	0	20501	834.1	5	5	64QAM5M	1	24	20540	838	13.34
					1	14						1	0			19.80
					15	0						25	0			17.94
		5	3	64QAM3M	1	0	20586	842.6	5	5	64QAM5M	1	24	20625	846.5	13.53
					1	14						1	0			19.86
					15	0						25	0			17.91

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_5B	5	10	256QAM10M	1	0	20450	829	5	10	256QAM10M	1	49	20549	838.9	10.88
					1	49						1	0			17.18
					50	0						50	0			15.19
		5	10	256QAM10M	1	0	20476	831.6	5	10	256QAM10M	1	49	20575	841.5	10.75
					1	49						50	0			17.08
					50	0						1	0			15.04
		5	10	256QAM10M	1	0	20501	834.1	5	10	256QAM10M	1	49	20600	844	10.67
					1	49						1	0			17.12
					50	0						50	0			15.03
	CA_5B	5	10	256QAM10M	1	0	20450	829	5	5	256QAM5M	1	24	20522	836.2	10.68
					1	49						1	0			17.01
					50	0						25	0			15.05
		5	10	256QAM10M	1	0	20500	834	5	5	256QAM5M	1	24	20572	841.2	10.65
					1	49						1	0			16.93
					50	0						25	0			14.96
		5	10	256QAM10M	1	0	20550	839	5	5	256QAM5M	1	24	20622	846.2	10.59
					1	49						1	0			17.06
					50	0						25	0			14.89
	CA_5B	5	5	256QAM5M	1	0	20428	826.8	5	10	256QAM10M	1	49	20500	834	10.70
					1	24						1	0			17.05
					25	0						50	0			15.04
		5	5	256QAM5M	1	0	20478	831.8	5	10	256QAM10M	1	49	20550	839	10.57
					1	24						1	0			16.93
					25	0						50	0			14.90
		5	5	256QAM5M	1	0	20528	836.8	5	10	256QAM10M	1	49	20600	844	10.59
					1	24						1	0			16.96
					25	0						50	0			14.91
	CA_5B	5	5	256QAM5M	1	0	20425	826.5	5	3	256QAM3M	1	14	20464	830.4	10.76
					1	24						1	0			17.05
					25	0						15	0			14.99
		5	5	256QAM5M	1	0	20510	835	5	3	256QAM3M	1	14	20549	838.9	10.63
					1	24						1	0			17.02
					25	0						15	0			14.89
		5	5	256QAM5M	1	0	20595	843.5	5	3	256QAM3M	1	14	20634	847.4	10.55
					1	24						1	0			16.98
					25	0						15	0			14.95
	CA_5B	5	3	256QAM3M	1	0	20416	825.6	5	5	256QAM5M	1	24	20455	829.5	10.74
					1	14						1	0			17.09
					15	0						25	0			15.00
		5	3	256QAM3M	1	0	20501	834.1	5	5	256QAM5M	1	24	20540	838	10.63
					1	14						1	0			17.00
					15	0						25	0			14.97
		5	3	256QAM3M	1	0	20586	842.6	5	5	256QAM5M	1	24	20625	846.5	10.55
					1	14						1	0			16.97
					15	0						25	0			14.94

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	15.90	22.15	14.49	20.74	38.45
16QAM	14.22	21.37	12.81	19.96	38.45
64QAM	13.34	20.14	11.93	18.73	38.45
256QAM	10.55	17.18	9.14	15.77	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.3 LTE Band 7C

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_7C	7	20	QPSK20M	1	0	20850	2510	7	20	QPSK20M	1	99	21048	2529.8	10.70
					1	99						1	0			16.35
					100	0						100	0			14.36
		7	20	QPSK20M	1	0	21001	2525.1	7	20	QPSK20M	1	99	21199	2544.9	10.98
					1	99						100	0			16.18
					100	0						1	0			14.09
		7	20	QPSK20M	1	0	21152	2540.2	7	20	QPSK20M	1	99	21350	2560	10.95
					1	99						1	0			16.37
					100	0						100	0			14.35
	CA_7C	7	20	QPSK20M	1	0	20850	2510	7	15	QPSK15M	1	74	21021	2527.1	10.64
					1	99						1	0			16.19
					100	0						75	0			14.24
		7	20	QPSK20M	1	0	21026	2527.6	7	15	QPSK15M	1	74	21197	2544.7	10.78
					1	99						1	0			16.03
					100	0						75	0			13.96
		7	20	QPSK20M	1	0	21201	2545.1	7	15	QPSK15M	1	74	21372	2562.2	10.73
					1	99						1	0			16.17
					100	0						75	0			14.21
	CA_7C	7	15	QPSK15M	1	0	20828	2507.8	7	20	QPSK20M	1	99	20999	2524.9	10.65
					1	74						1	0			16.23
					75	0						100	0			14.21
		7	15	QPSK15M	1	0	21003	2525.3	7	20	QPSK20M	1	99	21174	2542.4	10.87
					1	74						1	0			16.06
					75	0						100	0			13.90
		7	15	QPSK15M	1	0	21179	2542.9	7	20	QPSK20M	1	99	21350	2560	10.84
					1	74						1	0			16.32
					75	0						100	0			14.24
	CA_7C	7	20	QPSK20M	1	0	20850	2510	7	10	QPSK10M	1	49	20994	2524.4	10.58
					1	99						1	0			16.25
					100	0						50	0			14.21
		7	20	QPSK20M	1	0	21051	2530.1	7	10	QPSK10M	1	49	21195	2544.5	10.86
					1	99						1	0			16.07
					100	0						50	0			13.93
		7	20	QPSK20M	1	0	21251	2550.1	7	10	QPSK10M	1	49	21395	2564.5	10.84
					1	99						1	0			16.24
					100	0						50	0			14.21
	CA_7C	7	10	QPSK10M	1	0	20805	2505.5	7	20	QPSK20M	1	99	20949	2519.9	10.55
					1	49						1	0			16.20
					50	0						100	0			14.22
		7	10	QPSK10M	1	0	21006	2525.6	7	20	QPSK20M	1	99	21150	2540	10.84
					1	49						1	0			16.06
					50	0						100	0			13.93
		7	10	QPSK10M	1	0	21206	2545.6	7	20	QPSK20M	1	99	21350	2560	10.85
					1	49						1	0			16.28
					50	0						100	0			14.15
	CA_7C	7	15	QPSK15M	1	0	20825	2507.5	7	15	QPSK15M	1	74	20975	2522.5	10.62
					1	74						1	0			16.21
					75	0						75	0			14.22
		7	15	QPSK15M	1	0	21025	2527.5	7	15	QPSK15M	1	74	21175	2542.5	10.84
					1	74						1	0			16.04
					75	0						75	0			13.93
		7	15	QPSK15M	1	0	21225	2547.5	7	15	QPSK15M	1	74	21375	2562.5	10.77
					1	74						1	0			16.29
					75	0						75	0			14.18
	CA_7C	7	15	QPSK15M	1	0	20825	2507.5	7	10	QPSK10M	1	49	20945	2519.5	10.55
					1	74						1	0			16.23
					75	0						50	0			14.22
		7	15	QPSK15M	1	0	21051	2530.1	7	10	QPSK10M	1	49	21171	2542.1	10.78
					1	74						1	0			16.14
					75	0						50	0			14.02
		7	15	QPSK15M	1	0	21277	2552.7	7	10	QPSK10M	1	49	21397	2564.7	10.75
					1	74						1	0			16.18
					75	0						50	0			14.18

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_7C	7	20	16QAM20M	1	0	20850	2510	7	20	16QAM20M	1	99	21048	2529.8	8.56
					1	99						1	0			15.27
					100	0						100	0			13.07
		7	20	16QAM20M	1	0	21001	2525.1	7	20	16QAM20M	1	99	21199	2544.9	8.49
					1	99						100	0			15.22
					100	0						1	0			13.12
		7	20	16QAM20M	1	0	21152	2540.2	7	20	16QAM20M	1	99	21350	2560	8.46
					1	99						1	0			15.52
					100	0						100	0			13.28
	CA_7C	7	20	16QAM20M	1	0	20850	2510	7	15	16QAM15M	1	74	21021	2527.1	8.39
					1	99						1	0			15.12
					100	0						75	0			13.00
		7	20	16QAM20M	1	0	21026	2527.6	7	15	16QAM15M	1	74	21197	2544.7	8.43
					1	99						1	0			15.08
					100	0						75	0			12.88
		7	20	16QAM20M	1	0	21201	2545.1	7	15	16QAM15M	1	74	21372	2562.2	8.24
					1	99						1	0			15.36
					100	0						75	0			13.14
	CA_7C	7	15	16QAM15M	1	0	20828	2507.8	7	20	16QAM20M	1	99	20999	2524.9	8.35
					1	74						1	0			15.17
					75	0						100	0			12.99
		7	15	16QAM15M	1	0	21003	2525.3	7	20	16QAM20M	1	99	21174	2542.4	8.43
					1	74						1	0			15.12
					75	0						100	0			13.03
		7	15	16QAM15M	1	0	21179	2542.9	7	20	16QAM20M	1	99	21350	2560	8.43
					1	74						1	0			15.36
					75	0						100	0			13.15
	CA_7C	7	20	16QAM20M	1	0	20850	2510	7	10	16QAM10M	1	49	20994	2524.4	8.49
					1	99						1	0			15.18
					100	0						50	0			12.92
		7	20	16QAM20M	1	0	21051	2530.1	7	10	16QAM10M	1	49	21195	2544.5	8.32
					1	99						1	0			15.03
					100	0						50	0			13.02
		7	20	16QAM20M	1	0	21251	2550.1	7	10	16QAM10M	1	49	21395	2564.5	8.23
					1	99						1	0			15.32
					100	0						50	0			13.14
	CA_7C	7	10	16QAM10M	1	0	20805	2505.5	7	20	16QAM20M	1	99	20949	2519.9	8.40
					1	49						1	0			15.10
					50	0						100	0			13.01
		7	10	16QAM10M	1	0	21006	2525.6	7	20	16QAM20M	1	99	21150	2540	8.30
					1	49						1	0			15.14
					50	0						100	0			13.02
		7	10	16QAM10M	1	0	21206	2545.6	7	20	16QAM20M	1	99	21350	2560	8.32
					1	49						1	0			15.40
					50	0						100	0			13.15
	CA_7C	7	15	16QAM15M	1	0	20825	2507.5	7	15	16QAM15M	1	74	20975	2522.5	8.53
					1	74						1	0			15.15
					75	0						75	0			13.02
		7	15	16QAM15M	1	0	21025	2527.5	7	15	16QAM15M	1	74	21175	2542.5	8.44
					1	74						1	0			15.11
					75	0						75	0			13.01
		7	15	16QAM15M	1	0	21225	2547.5	7	15	16QAM15M	1	74	21375	2562.5	8.30
					1	74						1	0			15.47
					75	0						75	0			13.19
	CA_7C	7	15	16QAM15M	1	0	20825	2507.5	7	10	16QAM10M	1	49	20945	2519.5	8.51
					1	74						1	0			15.10
					75	0						50	0			12.95
		7	15	16QAM15M	1	0	21051	2530.1	7	10	16QAM10M	1	49	21171	2542.1	8.41
					1	74						1	0			15.10
					75	0						50	0			13.04
		7	15	16QAM15M	1	0	21277	2552.7	7	10	16QAM10M	1	49	21397	2564.7	8.36
					1	74						1	0			15.38
					75	0						50	0			13.13

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_7C	7	20	64QAM20M	1	0	20850	2510	7	20	64QAM20M	1	99	21048	2529.8	7.70
					1	99						1	0			14.06
					100	0						100	0			12.03
		7	20	64QAM20M	1	0	21001	2525.1	7	20	64QAM20M	1	99	21199	2544.9	7.68
					1	99						100	0			14.11
					100	0						1	0			12.09
		7	20	64QAM20M	1	0	21152	2540.2	7	20	64QAM20M	1	99	21350	2560	7.68
					1	99						1	0			14.12
					100	0						100	0			12.08
	CA_7C	7	20	64QAM20M	1	0	20850	2510	7	15	64QAM15M	1	74	21021	2527.1	7.58
					1	99						1	0			13.92
					100	0						75	0			11.89
		7	20	64QAM20M	1	0	21026	2527.6	7	15	64QAM15M	1	74	21197	2544.7	7.53
					1	99						1	0			13.93
					100	0						75	0			11.94
		7	20	64QAM20M	1	0	21201	2545.1	7	15	64QAM15M	1	74	21372	2562.2	7.54
					1	99						1	0			13.98
					100	0						75	0			11.98
	CA_7C	7	15	64QAM15M	1	0	20828	2507.8	7	20	64QAM20M	1	99	20999	2524.9	7.65
					1	74						1	0			13.87
					75	0						100	0			11.88
		7	15	64QAM15M	1	0	21003	2525.3	7	20	64QAM20M	1	99	21174	2542.4	7.55
					1	74						1	0			14.01
					75	0						100	0			11.98
		7	15	64QAM15M	1	0	21179	2542.9	7	20	64QAM20M	1	99	21350	2560	7.62
					1	74						1	0			13.99
					75	0						100	0			11.92
	CA_7C	7	20	64QAM20M	1	0	20850	2510	7	10	64QAM10M	1	49	20994	2524.4	7.49
					1	99						1	0			13.84
					100	0						50	0			11.97
		7	20	64QAM20M	1	0	21051	2530.1	7	10	64QAM10M	1	49	21195	2544.5	7.53
					1	99						1	0			13.98
					100	0						50	0			12.00
		7	20	64QAM20M	1	0	21251	2550.1	7	10	64QAM10M	1	49	21395	2564.5	7.57
					1	99						1	0			13.98
					100	0						50	0			12.02
	CA_7C	7	10	64QAM10M	1	0	20805	2505.5	7	20	64QAM20M	1	99	20949	2519.9	7.56
					1	49						1	0			13.86
					50	0						100	0			11.82
		7	10	64QAM10M	1	0	21006	2525.6	7	20	64QAM20M	1	99	21150	2540	7.55
					1	49						1	0			14.04
					50	0						100	0			11.94
		7	10	64QAM10M	1	0	21206	2545.6	7	20	64QAM20M	1	99	21350	2560	7.52
					1	49						1	0			13.96
					50	0						100	0			11.91
	CA_7C	7	15	64QAM15M	1	0	20825	2507.5	7	15	64QAM15M	1	74	20975	2522.5	7.58
					1	74						1	0			13.97
					75	0						75	0			11.90
		7	15	64QAM15M	1	0	21025	2527.5	7	15	64QAM15M	1	74	21175	2542.5	7.46
					1	74						1	0			13.94
					75	0						75	0			11.99
		7	15	64QAM15M	1	0	21225	2547.5	7	15	64QAM15M	1	74	21375	2562.5	7.60
					1	74						1	0			13.88
					75	0						75	0			12.02
	CA_7C	7	15	64QAM15M	1	0	20825	2507.5	7	10	64QAM10M	1	49	20945	2519.5	7.62
					1	74						1	0			13.84
					75	0						50	0			11.90
		7	15	64QAM15M	1	0	21051	2530.1	7	10	64QAM10M	1	49	21171	2542.1	7.56
					1	74						1	0			13.86
					75	0						50	0			12.06
		7	15	64QAM15M	1	0	21277	2552.7	7	10	64QAM10M	1	49	21397	2564.7	7.60
					1	74						1	0			14.03
					75	0						50	0			11.91

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_7C	7	20	256QAM20M	1	0	20850	2510	7	20	256QAM20M	1	99	21048	2529.8	4.28
					1	99						1	0			11.23
					100	0						100	0			9.27
		7	20	256QAM20M	1	0	21001	2525.1	7	20	256QAM20M	1	99	21199	2544.9	4.14
					1	99						100	0			11.27
					100	0						1	0			9.24
		7	20	256QAM20M	1	0	21152	2540.2	7	20	256QAM20M	1	99	21350	2560	4.11
					1	99						1	0			11.32
					100	0						100	0			9.29
	CA_7C	7	20	256QAM20M	1	0	20850	2510	7	15	256QAM15M	1	74	21021	2527.1	4.10
					1	99						1	0			11.16
					100	0						75	0			9.16
		7	20	256QAM20M	1	0	21026	2527.6	7	15	256QAM15M	1	74	21197	2544.7	4.03
					1	99						1	0			11.10
					100	0						75	0			9.14
		7	20	256QAM20M	1	0	21201	2545.1	7	15	256QAM15M	1	74	21372	2562.2	4.02
					1	99						1	0			11.17
					100	0						75	0			9.14
	CA_7C	7	15	256QAM15M	1	0	20828	2507.8	7	20	256QAM20M	1	99	20999	2524.9	4.12
					1	74						1	0			11.11
					75	0						100	0			9.14
		7	15	256QAM15M	1	0	21003	2525.3	7	20	256QAM20M	1	99	21174	2542.4	4.05
					1	74						1	0			11.07
					75	0						100	0			9.15
		7	15	256QAM15M	1	0	21179	2542.9	7	20	256QAM20M	1	99	21350	2560	3.98
					1	74						1	0			11.21
					75	0						100	0			9.11
	CA_7C	7	20	256QAM20M	1	0	20850	2510	7	10	256QAM10M	1	49	20994	2524.4	4.18
					1	99						1	0			11.17
					100	0						50	0			9.12
		7	20	256QAM20M	1	0	21051	2530.1	7	10	256QAM10M	1	49	21195	2544.5	4.03
					1	99						1	0			11.07
					100	0						50	0			9.06
		7	20	256QAM20M	1	0	21251	2550.1	7	10	256QAM10M	1	49	21395	2564.5	3.94
					1	99						1	0			11.22
					100	0						50	0			9.18
	CA_7C	7	10	256QAM10M	1	0	20805	2505.5	7	20	256QAM20M	1	99	20949	2519.9	4.16
					1	49						1	0			11.11
					50	0						100	0			9.10
		7	10	256QAM10M	1	0	21006	2525.6	7	20	256QAM20M	1	99	21150	2540	4.01
					1	49						1	0			11.15
					50	0						100	0			9.12
		7	10	256QAM10M	1	0	21206	2545.6	7	20	256QAM20M	1	99	21350	2560	4.04
					1	49						1	0			11.23
					50	0						100	0			9.14
	CA_7C	7	15	256QAM15M	1	0	20825	2507.5	7	15	256QAM15M	1	74	20975	2522.5	4.04
					1	74						1	0			11.15
					75	0						75	0			9.15
		7	15	256QAM15M	1	0	21025	2527.5	7	15	256QAM15M	1	74	21175	2542.5	4.03
					1	74						1	0			11.20
					75	0						75	0			9.09
		7	15	256QAM15M	1	0	21225	2547.5	7	15	256QAM15M	1	74	21375	2562.5	3.89
					1	74						1	0			11.26
					75	0						75	0			9.18
	CA_7C	7	15	256QAM15M	1	0	20825	2507.5	7	10	256QAM10M	1	49	20945	2519.5	4.12
					1	74						1	0			11.11
					75	0						50	0			9.15
		7	15	256QAM15M	1	0	21051	2530.1	7	10	256QAM10M	1	49	21171	2542.1	4.03
					1	74						1	0			11.14
					75	0						50	0			9.21
		7	15	256QAM15M	1	0	21277	2552.7	7	10	256QAM10M	1	49	21397	2564.7	3.88
					1	74						1	0			11.30
					75	0						50	0			9.10

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	10.55	16.37	12.54	18.36	33.01
16QAM	8.23	15.52	10.22	17.51	33.01
64QAM	7.46	14.12	9.45	16.11	33.01
256QAM	3.88	11.32	5.87	13.31	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.4 LTE Band 38C

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_38C	38	20	QPSK20M	1	0	37850	2580	38	20	QPSK20M	1	99	38048	2599.8	11.47
					1	99						1	0			18.95
					1	99						1	0			16.76
		38	20	QPSK20M	1	0	37901	2585.1	38	20	QPSK20M	1	99	38099	2604.9	11.37
					1	99						1	0			18.94
					1	99						1	0			16.89
		38	20	QPSK20M	1	0	37952	2590.2	38	20	QPSK20M	1	99	38150	2610	11.26
					1	99						1	0			18.91
					1	99						1	0			16.84
	CA_38C	38	15	QPSK15M	1	0	37825	2577.5	38	15	QPSK15M	1	99	37975	2592.5	11.35
					1	99						1	0			18.76
					1	99						1	0			16.65
		38	15	QPSK15M	1	0	37925	2587.5	38	15	QPSK15M	1	99	38075	2602.5	11.24
					1	99						1	0			18.86
					1	99						1	0			16.81
		38	15	QPSK15M	1	0	38025	2597.5	38	15	QPSK15M	1	99	38175	2612.5	11.08
					1	99						1	0			18.79
					1	99						1	0			16.71
	CA_38C	38	20	16QAM20M	1	0	37850	2580	38	20	16QAM20M	1	99	38048	2599.8	11.22
					1	99						1	0			17.68
					1	99						1	0			15.46
		38	20	16QAM20M	1	0	37901	2585.1	38	20	16QAM20M	1	99	38099	2604.9	11.31
					1	99						1	0			17.43
					1	99						1	0			15.38
		38	20	16QAM20M	1	0	37952	2590.2	38	20	16QAM20M	1	99	38150	2610	11.08
					1	99						1	0			17.41
					1	99						1	0			15.36
	CA_38C	38	15	16QAM15M	1	0	37825	2577.5	38	15	16QAM15M	1	99	37975	2592.5	11.09
					1	99						1	0			17.52
					1	99						1	0			15.39
		38	15	16QAM15M	1	0	37925	2587.5	38	15	16QAM15M	1	99	38075	2602.5	11.10
					1	99						1	0			17.30
					1	99						1	0			15.14
		38	15	16QAM15M	1	0	38025	2597.5	38	15	16QAM15M	1	99	38175	2612.5	10.93
					1	99						1	0			17.33
					1	99						1	0			15.21
	CA_38C	38	20	64QAM20M	1	0	37850	2580	38	20	64QAM20M	1	99	38048	2599.8	10.33
					1	99						1	0			16.87
					1	99						1	0			14.78
		38	20	64QAM20M	1	0	37901	2585.1	38	20	64QAM20M	1	99	38099	2604.9	10.21
					1	99						1	0			16.81
					1	99						1	0			14.63
		38	20	64QAM20M	1	0	37952	2590.2	38	20	64QAM20M	1	99	38150	2610	10.14
					1	99						1	0			16.66
					1	99						1	0			14.64
	CA_38C	38	15	64QAM15M	1	0	37825	2577.5	38	15	64QAM15M	1	99	37975	2592.5	10.15
					1	99						1	0			16.78
					1	99						1	0			14.75
		38	15	64QAM15M	1	0	37925	2587.5	38	15	64QAM15M	1	99	38075	2602.5	10.06
					1	99						1	0			16.77
					1	99						1	0			14.47
		38	15	64QAM15M	1	0	38025	2597.5	38	15	64QAM15M	1	99	38175	2612.5	10.07
					1	99						1	0			16.60
					1	99						1	0			14.49

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_38C	38	20	256QAM20M	1	0	37850	2580	38	20	256QAM20M	1	99	38048	2599.8	6.94
					1	99						1	0			13.89
					1	99						1	0			11.93
		38	20	256QAM20M	1	0	37901	2585.1	38	20	256QAM20M	1	99	38099	2604.9	6.87
					1	99						1	0			13.64
					1	99						1	0			11.57
		38	20	256QAM20M	1	0	37952	2590.2	38	20	256QAM20M	1	99	38150	2610	6.87
					1	99						1	0			13.75
					1	99						1	0			11.77
	CA_38C	38	15	256QAM15M	1	0	37825	2577.5	38	15	256QAM15M	1	99	37975	2592.5	6.81
					1	99						1	0			13.73
					1	99						1	0			11.82
		38	15	256QAM15M	1	0	37925	2587.5	38	15	256QAM15M	1	99	38075	2602.5	6.78
					1	99						1	0			13.55
					1	99						1	0			11.49
		38	15	256QAM15M	1	0	38025	2597.5	38	15	256QAM15M	1	99	38175	2612.5	6.68
					1	99						1	0			13.62
					1	99						1	0			11.67

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	11.08	18.95	11.77	19.64	33.01
16QAM	10.93	17.68	11.62	18.37	33.01
64QAM	10.06	16.87	10.75	17.56	33.01
256QAM	6.68	13.89	7.37	14.58	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.5 LTE Band 41C

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_41C	41	20	QPSK20M	1	0	39750	2506	41	20	QPSK20M	1	99	39948	2525.8	10.81
					1	99						1	0			16.23
					100	0						100	0			14.20
		41	20	QPSK20M	1	0	40521	2583.1	41	20	QPSK20M	1	99	40719	2602.9	10.94
					1	99						1	0			15.32
					100	0						100	0			13.38
		41	20	QPSK20M	1	0	41292	2660.2	41	20	QPSK20M	1	99	41490	2680	10.93
					1	99						1	0			16.31
					100	0						100	0			14.32
	CA_41C	41	20	QPSK20M	1	0	39750	2506	41	15	QPSK15M	1	74	39921	2523.1	10.65
					1	99						1	0			16.15
					100	0						75	0			14.09
		41	20	QPSK20M	1	0	40546	2585.6	41	15	QPSK15M	1	74	40717	2602.7	10.70
					1	99						1	0			15.14
					100	0						75	0			13.17
		41	20	QPSK20M	1	0	41341	2665.1	41	15	QPSK15M	1	74	41512	2682.2	10.82
					1	99						1	0			16.16
					100	0						75	0			14.23
	CA_41C	41	15	QPSK15M	1	0	39728	2503.8	41	20	QPSK20M	1	99	39899	2520.9	10.72
					1	74						1	0			16.07
					75	0						100	0			14.05
		41	15	QPSK15M	1	0	40523	2593.3	41	20	QPSK20M	1	99	40694	2600.4	10.73
					1	74						1	0			15.18
					75	0						100	0			13.17
		41	15	QPSK15M	1	0	41319	2662.9	41	20	QPSK20M	1	99	41490	2680	10.83
					1	74						1	0			16.19
					75	0						100	0			14.12
	CA_41C	41	20	QPSK20M	1	0	39750	2506	41	10	QPSK10M	1	49	39894	2520.4	10.71
					1	99						1	0			16.14
					100	0						50	0			14.14
		41	20	QPSK20M	1	0	40571	2588.1	41	10	QPSK10M	1	49	40715	2602.5	10.80
					1	99						1	0			15.22
					100	0						50	0			13.28
		41	20	QPSK20M	1	0	41391	2670.1	41	10	QPSK10M	1	49	41535	2684.5	10.77
					1	99						1	0			16.14
					100	0						50	0			14.28
	CA_41C	41	10	QPSK10M	1	0	39705	2501.5	41	20	QPSK20M	1	99	39849	2515.9	10.75
					1	49						1	0			16.02
					50	0						100	0			14.01
		41	10	QPSK10M	1	0	40526	2583.6	41	20	QPSK20M	1	99	40670	2598	10.87
					1	49						1	0			15.09
					50	0						100	0			13.29
		41	10	QPSK10M	1	0	41346	2665.6	41	20	QPSK20M	1	99	41490	2680	10.79
					1	49						1	0			16.20
					50	0						100	0			14.26
	CA_41C	41	20	QPSK20M	1	0	39750	2506	41	5	QPSK5M	1	24	39867	2517.7	10.63
					1	99						1	0			16.09
					100	0						25	0			14.07
		41	20	QPSK20M	1	0	40595	2590.5	41	5	QPSK5M	1	24	40712	2602.2	10.87
					1	99						1	0			15.11
					100	0						25	0			13.25
		41	20	QPSK20M	1	0	41440	2675	41	5	QPSK5M	1	24	41557	2686.7	10.86
					1	99						1	0			16.21
					100	0						25	0			14.18
	CA_41C	41	5	QPSK5M	1	0	39683	2499.3	41	20	QPSK20M	1	99	39800	2511	10.65
					1	24						1	0			16.05
					25	0						100	0			14.11
		41	5	QPSK5M	1	0	40528	2583.8	41	20	QPSK20M	1	99	40645	2595.5	10.84
					1	24						1	0			15.09
					25	0						100	0			13.31
		41	5	QPSK5M	1	0	41373	2668.3	41	20	QPSK20M	1	99	41490	2680	10.75
					1	24						1	0			16.16
					25	0						100	0			14.23

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_41C	41	15	QPSK15M	1	0	39725	2503.5	41	10	QPSK10M	1	49	39845	2515.5	10.70
					1	74						1	0			16.11
					75	0						50	0			14.04
		41	15	QPSK15M	1	0	40571	2588.1	41	10	QPSK10M	1	49	40691	2600.1	10.86
					1	74						1	0			15.18
					75	0						50	0			13.28
		41	15	QPSK15M	1	0	41417	2672.7	41	10	QPSK10M	1	49	41537	2684.7	10.82
					1	74						1	0			16.17
					75	0						50	0			14.21
	CA_41C	41	10	QPSK10M	1	0	39703	2501.3	41	15	QPSK15M	1	74	39823	2513.3	10.78
					1	49						1	0			16.11
					50	0						75	0			14.04
		41	10	QPSK10M	1	0	40549	2585.9	41	15	QPSK15M	1	74	40669	2597.9	10.71
					1	49						1	0			15.18
					50	0						75	0			13.25
		41	10	QPSK10M	1	0	41395	2670.5	41	15	QPSK15M	1	74	41515	2682.5	10.75
					1	49						1	0			16.23
					50	0						75	0			14.10
	CA_41C	41	15	QPSK15M	1	0	39725	2503.5	41	15	QPSK15M	1	74	39875	2518.5	10.58
					1	74						1	0			16.07
					75	0						75	0			14.09
		41	15	QPSK15M	1	0	40545	2585.5	41	15	QPSK15M	1	74	40695	2600.5	10.78
					1	74						1	0			15.25
					75	0						75	0			13.26
		41	15	QPSK15M	1	0	41365	2667.5	41	15	QPSK15M	1	74	41515	2682.5	10.75
					1	74						1	0			16.11
					75	0						75	0			14.19

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_41C	41	20	16QAM20M	1	0	39750	2506	41	20	16QAM20M	1	99	39948	2525.8	8.95
					1	99						1	0			15.31
					100	0						100	0			13.34
		41	20	16QAM20M	1	0	40521	2583.1	41	20	16QAM20M	1	99	40719	2602.9	9.21
					1	99						1	0			14.78
					100	0						100	0			12.91
		41	20	16QAM20M	1	0	41292	2660.2	41	20	16QAM20M	1	99	41490	2680	9.24
					1	99						1	0			15.35
					100	0						100	0			13.32
	CA_41C	41	20	16QAM20M	1	0	39750	2506	41	15	16QAM15M	1	74	39921	2523.1	8.88
					1	99						1	0			15.08
					100	0						75	0			13.20
		41	20	16QAM20M	1	0	40546	2585.6	41	15	16QAM15M	1	74	40717	2602.7	9.06
					1	99						1	0			14.54
					100	0						75	0			12.83
		41	20	16QAM20M	1	0	41341	2665.1	41	15	16QAM15M	1	74	41512	2682.2	9.09
					1	99						1	0			15.21
					100	0						75	0			13.24
	CA_41C	41	15	16QAM15M	1	0	39728	2503.8	41	20	16QAM20M	1	99	39899	2520.9	8.79
					1	74						1	0			15.15
					75	0						100	0			13.24
		41	15	16QAM15M	1	0	40523	2593.3	41	20	16QAM20M	1	99	40694	2600.4	8.99
					1	74						1	0			14.56
					75	0						100	0			12.77
		41	15	16QAM15M	1	0	41319	2662.9	41	20	16QAM20M	1	99	41490	2680	9.20
					1	74						1	0			15.18
					75	0						100	0			13.18
	CA_41C	41	20	16QAM20M	1	0	39750	2506	41	10	16QAM10M	1	49	39894	2520.4	8.87
					1	99						1	0			15.18
					100	0						50	0			13.21
		41	20	16QAM20M	1	0	40571	2588.1	41	10	16QAM10M	1	49	40715	2602.5	9.18
					1	99						1	0			14.74
					100	0						50	0			12.78
		41	20	16QAM20M	1	0	41391	2670.1	41	10	16QAM10M	1	49	41535	2684.5	9.07
					1	99						1	0			15.18
					100	0						50	0			13.25
	CA_41C	41	10	16QAM10M	1	0	39705	2501.5	41	20	16QAM20M	1	99	39849	2515.9	8.76
					1	49						1	0			15.16
					50	0						100	0			13.19
		41	10	16QAM10M	1	0	40526	2583.6	41	20	16QAM20M	1	99	40670	2598	9.15
					1	49						1	0			14.61
					50	0						100	0			12.78
		41	10	16QAM10M	1	0	41346	2665.6	41	20	16QAM20M	1	99	41490	2680	9.08
					1	49						1	0			15.23
					50	0						100	0			13.10
	CA_41C	41	20	16QAM20M	1	0	39750	2506	41	5	16QAM5M	1	24	39867	2517.7	8.79
					1	99						1	0			15.21
					100	0						25	0			13.28
		41	20	16QAM20M	1	0	40595	2590.5	41	5	16QAM5M	1	24	40712	2602.2	9.09
					1	99						1	0			14.68
					100	0						25	0			12.86
		41	20	16QAM20M	1	0	41440	2675	41	5	16QAM5M	1	24	41557	2686.7	9.13
					1	99						1	0			15.27
					100	0						25	0			13.16
	CA_41C	41	5	16QAM5M	1	0	39683	2499.3	41	20	16QAM20M	1	99	39800	2511	8.76
					1	24						1	0			15.17
					25	0						100	0			13.29
		41	5	16QAM5M	1	0	40528	2583.8	41	20	16QAM20M	1	99	40645	2595.5	9.08
					1	24						1	0			14.60
					25	0						100	0			12.72
		41	5	16QAM5M	1	0	41373	2668.3	41	20	16QAM20M	1	99	41490	2680	9.10
					1	24						1	0			15.21
					25	0						100	0			13.14

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_41C	41	15	16QAM15M	1	0	39725	2503.5	41	10	16QAM10M	1	49	39845	2515.5	8.85
					1	74						1	0			15.21
					75	0						50	0			13.26
		41	15	16QAM15M	1	0	40571	2588.1	41	10	16QAM10M	1	49	40691	2600.1	9.16
					1	74						1	0			14.63
					75	0						50	0			12.75
		41	15	16QAM15M	1	0	41417	2672.7	41	10	16QAM10M	1	49	41537	2684.7	9.08
					1	74						1	0			15.14
					75	0						50	0			13.20
	CA_41C	41	10	16QAM10M	1	0	39703	2501.3	41	15	16QAM15M	1	74	39823	2513.3	8.81
					1	49						1	0			15.10
					50	0						75	0			13.20
		41	10	16QAM10M	1	0	40549	2585.9	41	15	16QAM15M	1	74	40669	2597.9	9.10
					1	49						1	0			14.66
					50	0						75	0			12.76
		41	10	16QAM10M	1	0	41395	2670.5	41	15	16QAM15M	1	74	41515	2682.5	9.14
					1	49						1	0			15.24
					50	0						75	0			13.24
	CA_41C	41	15	16QAM15M	1	0	39725	2503.5	41	15	16QAM15M	1	74	39875	2518.5	8.81
					1	74						1	0			15.11
					75	0						75	0			13.21
		41	15	16QAM15M	1	0	40545	2585.5	41	15	16QAM15M	1	74	40695	2600.5	9.04
					1	74						1	0			14.62
					75	0						75	0			12.76
		41	15	16QAM15M	1	0	41365	2667.5	41	15	16QAM15M	1	74	41515	2682.5	9.09
					1	74						1	0			15.27
					75	0						75	0			13.13

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_41C	41	20	64QAM20M	1	0	39750	2506	41	20	64QAM20M	1	99	39948	2525.8	8.19
					1	99						1	0			14.31
					100	0						100	0			12.31
		41	20	64QAM20M	1	0	40521	2583.1	41	20	64QAM20M	1	99	40719	2602.9	8.17
					1	99						1	0			13.44
					100	0						100	0			11.38
		41	20	64QAM20M	1	0	41292	2660.2	41	20	64QAM20M	1	99	41490	2680	8.20
					1	99						1	0			14.50
					100	0						100	0			12.46
	CA_41C	41	20	64QAM20M	1	0	39750	2506	41	15	64QAM15M	1	74	39921	2523.1	8.06
					1	99						1	0			14.21
					100	0						75	0			12.22
		41	20	64QAM20M	1	0	40546	2585.6	41	15	64QAM15M	1	74	40717	2602.7	7.98
					1	99						1	0			13.21
					100	0						75	0			11.28
		41	20	64QAM20M	1	0	41341	2665.1	41	15	64QAM15M	1	74	41512	2682.2	8.06
					1	99						1	0			14.31
					100	0						75	0			12.23
	CA_41C	41	15	64QAM15M	1	0	39728	2503.8	41	20	64QAM20M	1	99	39899	2520.9	8.08
					1	74						1	0			14.21
					75	0						100	0			12.23
		41	15	64QAM15M	1	0	40523	2593.3	41	20	64QAM20M	1	99	40694	2600.4	8.14
					1	74						1	0			13.39
					75	0						100	0			11.28
		41	15	64QAM15M	1	0	41319	2662.9	41	20	64QAM20M	1	99	41490	2680	8.03
					1	74						1	0			14.32
					75	0						100	0			12.28
	CA_41C	41	20	64QAM20M	1	0	39750	2506	41	10	64QAM10M	1	49	39894	2520.4	7.97
					1	99						1	0			14.29
					100	0						50	0			12.07
		41	20	64QAM20M	1	0	40571	2588.1	41	10	64QAM10M	1	49	40715	2602.5	8.06
					1	99						1	0			13.32
					100	0						50	0			11.29
		41	20	64QAM20M	1	0	41391	2670.1	41	10	64QAM10M	1	49	41535	2684.5	8.09
					1	99						1	0			14.28
					100	0						50	0			12.35
	CA_41C	41	10	64QAM10M	1	0	39705	2501.5	41	20	64QAM20M	1	99	39849	2515.9	8.06
					1	49						1	0			14.22
					50	0						100	0			12.21
		41	10	64QAM10M	1	0	40526	2583.6	41	20	64QAM20M	1	99	40670	2598	8.00
					1	49						1	0			13.28
					50	0						100	0			11.23
		41	10	64QAM10M	1	0	41346	2665.6	41	20	64QAM20M	1	99	41490	2680	8.11
					1	49						1	0			14.31
					50	0						100	0			12.37
	CA_41C	41	20	64QAM20M	1	0	39750	2506	41	5	64QAM5M	1	24	39867	2517.7	8.07
					1	99						1	0			14.13
					100	0						25	0			12.18
		41	20	64QAM20M	1	0	40595	2590.5	41	5	64QAM5M	1	24	40712	2602.2	7.97
					1	99						1	0			13.33
					100	0						25	0			11.26
		41	20	64QAM20M	1	0	41440	2675	41	5	64QAM5M	1	24	41557	2686.7	8.08
					1	99						1	0			14.36
					100	0						25	0			12.33
	CA_41C	41	5	64QAM5M	1	0	39683	2499.3	41	20	64QAM20M	1	99	39800	2511	8.07
					1	24						1	0			14.25
					25	0						100	0			12.22
		41	5	64QAM5M	1	0	40528	2583.8	41	20	64QAM20M	1	99	40645	2595.5	7.99
					1	24						1	0			13.30
					25	0						100	0			11.30
		41	5	64QAM5M	1	0	41373	2668.3	41	20	64QAM20M	1	99	41490	2680	8.10
					1	24						1	0			14.26
					25	0						100	0			12.35

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_41C	41	15	64QAM15M	1	0	39725	2503.5	41	10	64QAM10M	1	49	39845	2515.5	8.12
					1	74						1	0			14.19
					75	0						50	0			12.24
		41	15	64QAM15M	1	0	40571	2588.1	41	10	64QAM10M	1	49	40691	2600.1	8.12
					1	74						1	0			13.28
					75	0						50	0			11.28
		41	15	64QAM15M	1	0	41417	2672.7	41	10	64QAM10M	1	49	41537	2684.7	8.08
					1	74						1	0			14.35
					75	0						50	0			12.35
	CA_41C	41	10	64QAM10M	1	0	39703	2501.3	41	15	64QAM15M	1	74	39823	2513.3	8.02
					1	49						1	0			14.27
					50	0						75	0			12.18
		41	10	64QAM10M	1	0	40549	2585.9	41	15	64QAM15M	1	74	40669	2597.9	8.08
					1	49						1	0			13.31
					50	0						75	0			11.26
		41	10	64QAM10M	1	0	41395	2670.5	41	15	64QAM15M	1	74	41515	2682.5	8.11
					1	49						1	0			14.28
					50	0						75	0			12.39
	CA_41C	41	15	64QAM15M	1	0	39725	2503.5	41	15	64QAM15M	1	74	39875	2518.5	8.03
					1	74						1	0			14.09
					75	0						75	0			12.11
		41	15	64QAM15M	1	0	40545	2585.5	41	15	64QAM15M	1	74	40695	2600.5	8.02
					1	74						1	0			13.35
					75	0						75	0			11.21
		41	15	64QAM15M	1	0	41365	2667.5	41	15	64QAM15M	1	74	41515	2682.5	8.18
					1	74						1	0			14.37
					75	0						75	0			12.31

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_41C	41	20	256QAM20M	1	0	39750	2506	41	20	256QAM20M	1	99	39948	2525.8	7.31
					1	99						1	0			11.51
					100	0						100	0			9.46
		41	20	256QAM20M	1	0	40521	2583.1	41	20	256QAM20M	1	99	40719	2602.9	7.37
					1	99						100	0			10.61
					100	0						1	0			8.69
		41	20	256QAM20M	1	0	41292	2660.2	41	20	256QAM20M	1	99	41490	2680	7.40
					1	99						1	0			11.68
					100	0						100	0			9.56
	CA_41C	41	20	256QAM20M	1	0	39750	2506	41	15	256QAM15M	1	74	39921	2523.1	7.26
					1	99						1	0			11.36
					100	0						75	0			9.35
		41	20	256QAM20M	1	0	40546	2585.6	41	15	256QAM15M	1	74	40717	2602.7	7.29
					1	99						1	0			10.46
					100	0						75	0			8.58
		41	20	256QAM20M	1	0	41341	2665.1	41	15	256QAM15M	1	74	41512	2682.2	7.32
					1	99						1	0			11.55
					100	0						75	0			9.45
	CA_41C	41	15	256QAM15M	1	0	39728	2503.8	41	20	256QAM20M	1	99	39899	2520.9	7.24
					1	74						1	0			11.33
					75	0						100	0			9.39
		41	15	256QAM15M	1	0	40523	2593.3	41	20	256QAM20M	1	99	40694	2600.4	7.21
					1	74						1	0			10.42
					75	0						100	0			8.63
		41	15	256QAM15M	1	0	41319	2662.9	41	20	256QAM20M	1	99	41490	2680	7.33
					1	74						1	0			11.54
					75	0						100	0			9.43
	CA_41C	41	20	256QAM20M	1	0	39750	2506	41	10	256QAM10M	1	49	39894	2520.4	7.21
					1	99						1	0			11.41
					100	0						50	0			9.30
		41	20	256QAM20M	1	0	40571	2588.1	41	10	256QAM10M	1	49	40715	2602.5	7.19
					1	99						1	0			10.37
					100	0						50	0			8.57
		41	20	256QAM20M	1	0	41391	2670.1	41	10	256QAM10M	1	49	41535	2684.5	7.19
					1	99						1	0			11.65
					100	0						50	0			9.47
	CA_41C	41	10	256QAM10M	1	0	39705	2501.5	41	20	256QAM20M	1	99	39849	2515.9	7.14
					1	49						1	0			11.40
					50	0						100	0			9.34
		41	10	256QAM10M	1	0	40526	2583.6	41	20	64QAM20M	1	99	40670	2598	7.24
					1	49						1	0			10.56
					50	0						100	0			8.53
		41	10	256QAM10M	1	0	41346	2665.6	41	20	64QAM20M	1	99	41490	2680	7.30
					1	49						1	0			11.53
					50	0						100	0			9.45
	CA_41C	41	20	256QAM20M	1	0	39750	2506	41	5	256QAM5M	1	24	39867	2517.7	7.17
					1	99						1	0			11.30
					100	0						25	0			9.33
		41	20	256QAM20M	1	0	40595	2590.5	41	5	256QAM5M	1	24	40712	2602.2	7.20
					1	99						1	0			10.49
					100	0						25	0			8.49
		41	20	256QAM20M	1	0	41440	2675	41	5	256QAM5M	1	24	41557	2686.7	7.36
					1	99						1	0			11.53
					100	0						25	0			9.49
	CA_41C	41	5	256QAM5M	1	0	39683	2499.3	41	20	256QAM20M	1	99	39800	2511	7.22
					1	24						1	0			11.43
					25	0						100	0			9.32
		41	5	256QAM5M	1	0	40528	2583.8	41	20	256QAM20M	1	99	40645	2595.5	7.29
					1	24						1	0			10.46
					25	0						100	0			8.59
		41	5	256QAM5M	1	0	41373	2668.3	41	20	256QAM20M	1	99	41490	2680	7.28
					1	24						1	0			11.56
					25	0						100	0			9.48

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_41C	41	15	256QAM15M	1	0	39725	2503.5	41	10	256QAM10M	1	49	39845	2515.5	7.25
					1	74						1	0			11.35
					75	0						50	0			9.31
		41	15	256QAM15M	1	0	40571	2588.1	41	10	256QAM10M	1	49	40691	2600.1	7.30
					1	74						1	0			10.51
					75	0						50	0			8.58
		41	15	256QAM15M	1	0	41417	2672.7	41	10	256QAM10M	1	49	41537	2684.7	7.28
					1	74						1	0			11.51
					75	0						50	0			9.49
	CA_41C	41	10	256QAM10M	1	0	39703	2501.3	41	15	256QAM15M	1	74	39823	2513.3	7.18
					1	49						1	0			11.44
					50	0						75	0			9.35
		41	10	256QAM10M	1	0	40549	2585.9	41	15	256QAM15M	1	74	40669	2597.9	7.29
					1	49						1	0			10.50
					50	0						75	0			8.64
		41	10	256QAM10M	1	0	41395	2670.5	41	15	256QAM15M	1	74	41515	2682.5	7.27
					1	49						1	0			11.57
					50	0						75	0			9.43
	CA_41C	41	15	256QAM15M	1	0	39725	2503.5	41	15	256QAM15M	1	74	39875	2518.5	7.18
					1	74						1	0			11.35
					75	0						75	0			9.37
		41	15	256QAM15M	1	0	40545	2585.5	41	15	256QAM15M	1	74	40695	2600.5	7.20
					1	74						1	0			10.48
					75	0						75	0			8.53
		41	15	256QAM15M	1	0	41365	2667.5	41	15	256QAM15M	1	74	41515	2682.5	7.24
					1	74						1	0			11.57
					75	0						75	0			9.48

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	10.58	16.31	12.57	18.30	33.01
16QAM	8.76	15.35	10.75	17.34	33.01
64QAM	7.97	14.50	9.96	16.49	33.01
256QAM	7.14	11.68	9.13	13.67	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.6 LTE Band 42C (3.45 GHz ~ 3.55 GHz)

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_42C (FCC 27Q)	42	20	QPSK20M	1	0	42190	3460	42	20	QPSK20M	1	99	42388	3479.8	6.39
					1	99						1	0			12.06
					100	0						100	0			10.04
		42	20	QPSK20M	1	0	42491	3490.1	42	20	QPSK20M	1	99	42689	3509.9	6.16
					1	99						1	0			12.14
					100	0						100	0			10.13
		42	20	QPSK20M	1	0	42791	3520.1	42	20	QPSK20M	1	99	42990	3540	6.11
					1	99						1	0			12.50
					100	0						100	0			10.43
	CA_42C (FCC 27Q)	42	20	QPSK20M	1	0	42190	3460	42	15	QPSK15M	1	74	42361	3477.1	6.38
					1	99						1	0			11.88
					100	0						75	0			9.99
		42	20	QPSK20M	1	0	42517	3492.7	42	15	QPSK15M	1	74	42688	3509.8	5.99
					1	99						1	0			12.00
					100	0						75	0			10.06
		42	20	QPSK20M	1	0	42844	3525.4	42	15	QPSK15M	1	74	43015	3542.5	5.99
					1	99						1	0			12.32
					100	0						75	0			10.34
	CA_42C (FCC 27Q)	42	15	QPSK15M	1	0	42165	3457.5	42	20	QPSK20M	1	99	42336	3474.6	6.28
					1	74						1	0			11.90
					75	0						100	0			9.89
		42	15	QPSK15M	1	0	424925	3490.2	42	20	QPSK20M	1	99	42663	3507.3	6.05
					1	74						1	0			12.13
					75	0						100	0			10.03
		42	15	QPSK15M	1	0	42819	3522.9	42	20	QPSK20M	1	99	42990	3540	6.04
					1	74						1	0			12.38
					75	0						100	0			10.22
	CA_42C (FCC 27Q)	42	20	QPSK20M	1	0	42190	3460	42	10	QPSK10M	1	49	42334	3474.4	6.27
					1	99						1	0			11.91
					100	0						50	0			9.94
		42	20	QPSK20M	1	0	42543	3495.3	42	10	QPSK10M	1	49	42687	3509.7	6.08
					1	99						1	0			12.01
					100	0						50	0			9.99
		42	20	QPSK20M	1	0	42896	3530.6	42	10	QPSK10M	1	49	43040	3545	5.96
					1	99						1	0			12.30
					100	0						50	0			10.29
	CA_42C (FCC 27Q)	42	10	QPSK10M	1	0	42140	3455	42	20	QPSK20M	1	99	42284	3469.4	6.20
					1	49						1	0			11.97
					50	0						100	0			9.83
		42	10	QPSK10M	1	0	42493	3490.3	42	20	QPSK20M	1	99	42637	3504.7	6.12
					1	49						1	0			12.08
					50	0						100	0			10.07
		42	10	QPSK10M	1	0	42846	3525.6	42	20	QPSK20M	1	99	42990	3540	5.94
					1	49						1	0			12.41
					50	0						100	0			10.30
	CA_42C (FCC 27Q)	42	20	QPSK20M	1	0	42190	3460	42	5	QPSK5M	1	24	42307	3471.7	6.26
					1	99						1	0			11.88
					100	0						25	0			9.92
		42	20	QPSK20M	1	0	42569	3497.9	42	5	QPSK5M	1	24	42686	3509.6	5.98
					1	99						1	0			11.94
					100	0						25	0			9.99
		42	20	QPSK20M	1	0	42948	3535.8	42	5	QPSK5M	1	24	43065	3547.5	6.03
					1	99						1	0			12.38
					100	0						25	0			10.30
	CA_42C (FCC 27Q)	42	5	QPSK5M	1	0	42115	3452.5	42	20	QPSK20M	1	99	42232	3464.2	6.26
					1	24						1	0			11.98
					25	0						100	0			9.90
		42	5	QPSK5M	1	0	42494	3490.4	42	20	QPSK20M	1	99	42611	3502.1	6.02
					1	24						1	0			11.96
					25	0						100	0			10.06
		42	5	QPSK5M	1	0	42873	3528.3	42	20	QPSK20M	1	99	42990	3540	6.03
					1	24						1	0			12.40
					25	0						100	0			10.24

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_42C (FCC 27Q)	42	20	16QAM20M	1	0	42190	3460	42	20	16QAM20M	1	99	42388	3479.8	5.30
					1	99						1	0			12.00
					100	0						100	0			9.71
		42	20	16QAM20M	1	0	42490	3490	42	20	16QAM20M	1	99	42688	3509.8	5.46
					1	99						1	0			12.03
					100	0						100	0			9.78
		42	20	16QAM20M	1	0	42792	3520.2	42	20	16QAM20M	1	99	42990	3540	5.39
					1	99						1	0			11.34
					100	0						100	0			9.14
	CA_42C (FCC 27Q)	42	20	16QAM20M	1	0	42190	3460	42	15	16QAM15M	1	74	42361	3477.1	5.24
					1	99						1	0			11.86
					100	0						75	0			9.60
		42	20	16QAM20M	1	0	42517	3492.7	42	15	16QAM15M	1	74	42688	3509.8	5.40
					1	99						1	0			11.84
					100	0						75	0			9.57
		42	20	16QAM20M	1	0	42844	3525.4	42	15	16QAM15M	1	74	43015	3542.5	5.31
					1	99						1	0			11.23
					100	0						75	0			9.04
	CA_42C (FCC 27Q)	42	15	16QAM15M	1	0	42165	3457.5	42	20	16QAM20M	1	99	42336	3474.6	5.07
					1	74						1	0			11.89
					75	0						100	0			9.53
		42	15	16QAM15M	1	0	424925	3490.2	42	20	16QAM20M	1	99	42663	3507.3	5.28
					1	74						1	0			11.92
					75	0						100	0			9.57
		42	15	16QAM15M	1	0	42819	3522.9	42	20	16QAM20M	1	99	42990	3540	5.28
					1	74						1	0			11.23
					75	0						100	0			9.05
	CA_42C (FCC 27Q)	42	20	16QAM20M	1	0	42190	3460	42	10	16QAM10M	1	49	42334	3474.4	5.18
					1	99						1	0			11.86
					100	0						50	0			9.58
		42	20	16QAM20M	1	0	42543	3495.3	42	10	16QAM10M	1	49	42687	3509.7	5.30
					1	99						1	0			11.94
					100	0						50	0			9.67
		42	20	16QAM20M	1	0	42896	3530.6	42	10	16QAM10M	1	49	43040	3545	5.21
					1	99						1	0			11.20
					100	0						50	0			9.03
	CA_42C (FCC 27Q)	42	10	16QAM10M	1	0	42140	3455	42	20	16QAM20M	1	99	42284	3469.4	5.17
					1	49						1	0			11.94
					50	0						100	0			9.60
		42	10	16QAM10M	1	0	42493	3490.3	42	20	16QAM20M	1	99	42637	3504.7	5.33
					1	49						1	0			11.85
					50	0						100	0			9.61
		42	10	16QAM10M	1	0	42846	3525.6	42	20	16QAM20M	1	99	42990	3540	5.19
					1	49						1	0			11.22
					50	0						100	0			9.06
	CA_42C (FCC 27Q)	42	20	16QAM20M	1	0	42190	3460	42	5	16QAM5M	1	24	42307	3471.7	5.14
					1	99						1	0			11.95
					100	0						25	0			9.56
		42	20	16QAM20M	1	0	42569	3497.9	42	5	16QAM5M	1	24	42686	3509.6	5.34
					1	99						1	0			11.87
					100	0						25	0			9.68
		42	20	16QAM20M	1	0	42948	3535.8	42	5	16QAM5M	1	24	43065	3547.5	5.21
					1	99						1	0			11.21
					100	0						25	0			9.05
	CA_42C (FCC 27Q)	42	5	16QAM5M	1	0	42115	3452.5	42	20	16QAM20M	1	99	42232	3464.2	5.21
					1	24						1	0			11.91
					25	0						100	0			9.61
		42	5	16QAM5M	1	0	42494	3490.4	42	20	16QAM20M	1	99	42611	3502.1	5.36
					1	24						1	0			11.96
					25	0						100	0			9.69
		42	5	16QAM5M	1	0	42873	3528.3	42	20	16QAM20M	1	99	42990	3540	5.33
					1	24						1	0			11.18
					25	0						100	0			8.95

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_42C (FCC 27Q)	42	20	64QAM20M	1	0	42190	3460	42	20	64QAM20M	1	99	42388	3479.8	3.45
					1	99						1	0			10.40
					100	0						100	0			8.31
		42	20	64QAM20M	1	0	42490	3490	42	20	64QAM20M	1	99	42688	3509.8	3.52
					1	99						1	0			10.73
					100	0						100	0			8.58
		42	20	64QAM20M	1	0	42792	3520.2	42	20	64QAM20M	1	99	42990	3540	3.33
					1	99						1	0			10.63
					100	0						100	0			8.53
	CA_42C (FCC 27Q)	42	20	64QAM20M	1	0	42190	3460	42	15	64QAM15M	1	74	42361	3477.1	3.24
					1	99						1	0			10.29
					100	0						75	0			8.18
		42	20	64QAM20M	1	0	42517	3492.7	42	15	64QAM15M	1	74	42688	3509.8	3.41
					1	99						1	0			10.65
					100	0						75	0			8.51
		42	20	64QAM20M	1	0	42844	3525.4	42	15	64QAM15M	1	74	43015	3542.5	3.18
					1	99						1	0			10.53
					100	0						75	0			8.44
	CA_42C (FCC 27Q)	42	15	64QAM15M	1	0	42165	3457.5	42	20	64QAM20M	1	99	42336	3474.6	3.40
					1	74						1	0			10.34
					75	0						100	0			8.22
		42	15	64QAM15M	1	0	424925	3490.2	42	20	64QAM20M	1	99	42663	3507.3	3.37
					1	74						1	0			10.56
					75	0						100	0			8.42
		42	15	64QAM15M	1	0	42819	3522.9	42	20	64QAM20M	1	99	42990	3540	3.17
					1	74						1	0			10.48
					75	0						100	0			8.29
	CA_42C (FCC 27Q)	42	20	64QAM20M	1	0	42190	3460	42	10	64QAM10M	1	49	42334	3474.4	3.25
					1	99						1	0			10.28
					100	0						50	0			8.17
		42	20	64QAM20M	1	0	42543	3495.3	42	10	64QAM10M	1	49	42687	3509.7	3.35
					1	99						1	0			10.55
					100	0						50	0			8.41
		42	20	64QAM20M	1	0	42896	3530.6	42	10	64QAM10M	1	49	43040	3545	3.25
					1	99						1	0			10.58
					100	0						50	0			8.42
	CA_42C (FCC 27Q)	42	10	64QAM10M	1	0	42140	3455	42	20	64QAM20M	1	99	42284	3469.4	3.32
					1	49						1	0			10.27
					50	0						100	0			8.27
		42	10	64QAM10M	1	0	42493	3490.3	42	20	64QAM20M	1	99	42637	3504.7	3.41
					1	49						1	0			10.60
					50	0						100	0			8.44
		42	10	64QAM10M	1	0	42846	3525.6	42	20	64QAM20M	1	99	42990	3540	3.22
					1	49						1	0			10.54
					50	0						100	0			8.43
	CA_42C (FCC 27Q)	42	20	64QAM20M	1	0	42190	3460	42	5	64QAM5M	1	24	42307	3471.7	3.34
					1	99						1	0			10.22
					100	0						25	0			8.13
		42	20	64QAM20M	1	0	42569	3497.9	42	5	64QAM5M	1	24	42686	3509.6	3.35
					1	99						1	0			10.58
					100	0						25	0			8.46
		42	20	64QAM20M	1	0	42948	3535.8	42	5	64QAM5M	1	24	43065	3547.5	3.28
					1	99						1	0			10.53
					100	0						25	0			8.40
	CA_42C (FCC 27Q)	42	5	64QAM5M	1	0	42115	3452.5	42	20	64QAM20M	1	99	42232	3464.2	3.24
					1	24						1	0			10.25
					25	0						100	0			8.10
		42	5	64QAM5M	1	0	42494	3490.4	42	20	64QAM20M	1	99	42611	3502.1	3.44
					1	24						1	0			10.57
					25	0						100	0			8.38
		42	5	64QAM5M	1	0	42873	3528.3	42	20	64QAM20M	1	99	42990	3540	3.29
					1	24						1	0			10.43
					25	0						100	0			8.45

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_42C (FCC 27Q)	42	20	256QAM20M	1	0	42190	3460	42	20	256QAM20M	1	99	42388	3479.8	1.82
					1	99						1	0			7.83
					100	0						100	0			5.64
		42	20	256QAM20M	1	0	42490	3490	42	20	256QAM20M	1	99	42688	3509.8	1.89
					1	99						1	0			7.80
					100	0						100	0			5.71
		42	20	256QAM20M	1	0	42792	3520.2	42	20	256QAM20M	1	99	42990	3540	1.83
					1	99						1	0			7.64
					100	0						100	0			5.54
	CA_42C (FCC 27Q)	42	20	256QAM20M	1	0	42190	3460	42	15	256QAM15M	1	74	42361	3477.1	1.62
					1	99						1	0			7.69
					100	0						75	0			5.56
		42	20	256QAM20M	1	0	42517	3492.7	42	15	256QAM15M	1	74	42688	3509.8	1.72
					1	99						1	0			7.72
					100	0						75	0			5.60
		42	20	256QAM20M	1	0	42844	3525.4	42	15	256QAM15M	1	74	43015	3542.5	1.68
					1	99						1	0			7.61
					100	0						75	0			5.44
	CA_42C (FCC 27Q)	42	15	256QAM15M	1	0	42165	3457.5	42	20	256QAM20M	1	99	42336	3474.6	1.73
					1	74						1	0			7.74
					75	0						100	0			5.53
		42	15	256QAM15M	1	0	424925	3490.2	42	20	256QAM20M	1	99	42663	3507.3	1.75
					1	74						1	0			7.67
					75	0						100	0			5.59
		42	15	256QAM15M	1	0	42819	3522.9	42	20	256QAM20M	1	99	42990	3540	1.72
					1	74						1	0			7.52
					75	0						100	0			5.40
	CA_42C (FCC 27Q)	42	20	256QAM20M	1	0	42190	3460	42	10	256QAM10M	1	49	42334	3474.4	1.79
					1	99						1	0			7.75
					100	0						50	0			5.49
		42	20	256QAM20M	1	0	42543	3495.3	42	10	256QAM10M	1	49	42687	3509.7	1.83
					1	99						1	0			7.69
					100	0						50	0			5.52
		42	20	256QAM20M	1	0	42896	3530.6	42	10	256QAM10M	1	49	43040	3545	1.65
					1	99						1	0			7.46
					100	0						50	0			5.39
	CA_42C (FCC 27Q)	42	10	256QAM10M	1	0	42140	3455	42	20	256QAM20M	1	99	42284	3469.4	1.69
					1	49						1	0			7.61
					50	0						100	0			5.45
		42	10	256QAM10M	1	0	42493	3490.3	42	20	256QAM20M	1	99	42637	3504.7	1.79
					1	49						1	0			7.60
					50	0						100	0			5.57
		42	10	256QAM10M	1	0	42846	3525.6	42	20	256QAM20M	1	99	42990	3540	1.76
					1	49						1	0			7.48
					50	0						100	0			5.41
	CA_42C (FCC 27Q)	42	20	256QAM20M	1	0	42190	3460	42	5	256QAM5M	1	24	42307	3471.7	1.63
					1	99						1	0			7.74
					100	0						25	0			5.49
		42	20	256QAM20M	1	0	42569	3497.9	42	5	256QAM5M	1	24	42686	3509.6	1.68
					1	99						1	0			7.73
					100	0						25	0			5.64
		42	20	256QAM20M	1	0	42948	3535.8	42	5	256QAM5M	1	24	43065	3547.5	1.69
					1	99						1	0			7.59
					100	0						25	0			5.39
	CA_42C (FCC 27Q)	42	5	256QAM5M	1	0	42115	3452.5	42	20	256QAM20M	1	99	42232	3464.2	1.64
					1	24						1	0			7.66
					25	0						100	0			5.41
		42	5	256QAM5M	1	0	42494	3490.4	42	20	256QAM20M	1	99	42611	3502.1	1.76
					1	24						1	0			7.70
					25	0						100	0			5.53
		42	5	256QAM5M	1	0	42873	3528.3	42	20	256QAM20M	1	99	42990	3540	1.74
					1	24						1	0			7.52
					25	0						100	0			5.41

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	5.94	12.50	8.40	14.96	30
16QAM	5.07	12.03	7.53	14.49	30
64QAM	3.17	10.73	5.63	13.19	30
256QAM	1.62	7.83	4.08	10.29	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.7 LTE Band 48C

Output Power: Full Power

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_48C	48	20	QPSK20M	1	0	55340	3560	48	20	QPSK20M	1	99	55538	3579.8	5.34
					1	99						1	0			10.81
					100	0						100	0			8.53
		48	20	QPSK20M	1	0	55891	3615.1	48	20	QPSK20M	1	99	56089	3634.9	5.41
					1	99						1	0			10.88
					100	0						100	0			8.75
		48	20	QPSK20M	1	0	56442	3670.2	48	20	QPSK20M	1	99	56640	3690	5.26
					1	99						1	0			10.69
					100	0						100	0			8.63
	CA_48C	48	20	QPSK20M	1	0	55340	3560	48	15	QPSK15M	1	74	55511	3577.1	5.22
					1	99						1	0			10.74
					100	0						75	0			8.37
		48	20	QPSK20M	1	0	55916	3617.6	48	15	QPSK15M	1	74	56087	3634.7	5.26
					1	99						1	0			10.78
					100	0						75	0			8.55
		48	20	QPSK20M	1	0	56491	3675.1	48	15	QPSK15M	1	74	56662	3692.2	5.16
					1	99						1	0			10.51
					100	0						75	0			8.44
	CA_48C	48	15	QPSK15M	1	0	55318	3557.8	48	20	QPSK20M	1	99	55489	3574.9	5.30
					1	74						1	0			10.70
					75	0						100	0			8.44
		48	15	QPSK15M	1	0	55893	3615.3	48	20	QPSK20M	1	99	56064	3632.4	5.29
					1	74						1	0			10.83
					75	0						100	0			8.68
		48	15	QPSK15M	1	0	56469	3672.9	48	20	QPSK20M	1	99	56640	3690	5.14
					1	74						1	0			10.54
					75	0						100	0			8.47
	CA_48C	48	20	QPSK20M	1	0	55340	3560	48	10	QPSK10M	1	49	55484	3574.4	5.23
					1	99						1	0			10.56
					100	0						50	0			8.30
		48	20	QPSK20M	1	0	55941	3620.1	48	10	QPSK10M	1	49	56085	3634.5	5.22
					1	99						1	0			10.73
					100	0						50	0			8.63
		48	20	QPSK20M	1	0	56541	3680.1	48	10	QPSK10M	1	49	56685	3694.5	5.16
					1	99						1	0			10.57
					100	0						50	0			8.47
	CA_48C	48	10	QPSK10M	1	0	55295	3555.5	48	20	QPSK20M	1	99	55439	3569.9	5.21
					1	49						1	0			10.73
					50	0						100	0			8.39
		48	10	QPSK10M	1	0	55896	3615.6	48	20	QPSK20M	1	99	56040	3630	5.29
					1	49						1	0			10.70
					50	0						100	0			8.61
		48	10	QPSK10M	1	0	56496	3675.6	48	20	QPSK20M	1	99	56640	3690	5.08
					1	49						1	0			10.55
					50	0						100	0			8.49
	CA_48C	48	20	QPSK20M	1	0	55340	3560	48	5	QPSK5M	1	24	55457	3571.7	5.30
					1	99						1	0			10.67
					100	0						25	0			8.49
		48	20	QPSK20M	1	0	55965	3622.5	48	5	QPSK5M	1	4	56082	3634.2	5.24
					1	99						1	0			10.74
					100	0						25	0			8.57
		48	20	QPSK20M	1	0	56590	3685	48	5	QPSK5M	1	24	56707	3696.7	5.07
					1	99						1	0			10.46
					100	0						25	0			8.50
	CA_48C	48	5	QPSK5M	1	0	55273	3553.3	48	20	QPSK20M	1	99	55390	3565	5.24
					1	24						1	0			10.61
					25	0						100	0			8.49
		48	5	QPSK5M	1	0	55898	3615.8	48	20	QPSK20M	1	99	56015	3627.5	5.16
					1	24						1	0			10.72
					25	0						100	0			8.59
		48	5	QPSK5M	1	0	56523	3678.3	48	20	QPSK20M	1	99	56640	3690	5.06
					1	24						1	0			10.60
					25	0						100	0			8.47

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_48C	48	20	16QAM20M	1	0	55340	3560	48	20	16QAM20M	1	99	55538	3579.8	4.23
					1	99						1	0			9.87
					100	0						100	0			7.54
		48	20	16QAM20M	1	0	55891	3615.1	48	20	16QAM20M	1	99	56089	3634.9	4.24
					1	99						1	0			9.84
					100	0						100	0			7.48
		48	20	16QAM20M	1	0	56442	3670.2	48	20	16QAM20M	1	99	56640	3690	4.18
					1	99						1	0			9.72
					100	0						100	0			7.44
	CA_48C	48	20	16QAM20M	1	0	55340	3560	48	15	16QAM15M	1	74	55511	3577.1	4.09
					1	99						1	0			9.71
					100	0						75	0			7.42
		48	20	16QAM20M	1	0	55916	3617.6	48	15	16QAM15M	1	74	56087	3634.7	4.15
					1	99						1	0			9.75
					100	0						75	0			7.32
		48	20	16QAM20M	1	0	56491	3675.1	48	15	16QAM15M	1	74	56662	3692.2	4.00
					1	99						1	0			9.62
					100	0						75	0			7.35
	CA_48C	48	15	16QAM15M	1	0	55318	3557.8	48	20	16QAM20M	1	99	55489	3574.9	4.07
					1	74						1	0			9.77
					75	0						100	0			7.45
		48	15	16QAM15M	1	0	55893	3615.3	48	20	16QAM20M	1	99	56064	3632.4	4.13
					1	74						1	0			9.70
					75	0						100	0			7.34
		48	15	16QAM15M	1	0	56469	3672.9	48	20	16QAM20M	1	99	56640	3690	4.03
					1	74						1	0			9.64
					75	0						100	0			7.29
	CA_48C	48	20	16QAM20M	1	0	55340	3560	48	10	16QAM10M	1	49	55484	3574.4	4.06
					1	99						1	0			9.71
					100	0						50	0			7.45
		48	20	16QAM20M	1	0	55941	3620.1	48	10	16QAM10M	1	49	56085	3634.5	4.05
					1	99						1	0			9.74
					100	0						50	0			7.29
		48	20	16QAM20M	1	0	56541	3680.1	48	10	16QAM10M	1	49	56685	3694.5	4.04
					1	99						1	0			9.62
					100	0						50	0			7.27
	CA_48C	48	10	16QAM10M	1	0	55295	3555.5	48	20	16QAM20M	1	99	55439	3569.9	4.09
					1	49						1	0			9.71
					50	0						100	0			7.42
		48	10	16QAM10M	1	0	55896	3615.6	48	20	16QAM20M	1	99	56040	3630	4.15
					1	49						1	0			9.75
					50	0						100	0			7.32
		48	10	16QAM10M	1	0	56496	3675.6	48	20	16QAM20M	1	99	56640	3690	4.00
					1	49						1	0			9.62
					50	0						100	0			7.35
	CA_48C	48	20	16QAM20M	1	0	55340	3560	48	5	16QAM5M	1	24	55457	3571.7	4.07
					1	99						1	0			9.77
					100	0						25	0			7.45
		48	20	16QAM20M	1	0	55965	3622.5	48	5	16QAM5M	1	4	56082	3634.2	4.13
					1	99						1	0			9.70
					100	0						25	0			7.34
		48	20	16QAM20M	1	0	56590	3685	48	5	16QAM5M	1	24	56707	3696.7	4.03
					1	99						1	0			9.64
					100	0						25	0			7.29
	CA_48C	48	5	16QAM5M	1	0	55273	3553.3	48	20	16QAM20M	1	99	55390	3565	4.06
					1	24						1	0			9.71
					25	0						100	0			7.45
		48	5	16QAM5M	1	0	55898	3615.8	48	20	16QAM20M	1	99	56015	3627.5	4.05
					1	24						1	0			9.74
					25	0						100	0			7.29
		48	5	16QAM5M	1	0	56523	3678.3	48	20	16QAM20M	1	99	56640	3690	4.04
					1	24						1	0			9.62
					25	0						100	0			7.27

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_48C	48	20	64QAM20M	1	0	55340	3560	48	20	64QAM20M	1	99	55538	3579.8	3.49
					1	99						1	0			8.98
					100	0						100	0			6.58
		48	20	64QAM20M	1	0	55891	3615.1	48	20	64QAM20M	1	99	56089	3634.9	3.47
					1	99						1	0			8.90
					100	0						100	0			6.51
		48	20	64QAM20M	1	0	56442	3670.2	48	20	64QAM20M	1	99	56640	3690	3.57
					1	99						1	0			8.84
					100	0						100	0			6.57
	CA_48C	48	20	64QAM20M	1	0	55340	3560	48	15	64QAM15M	1	74	55511	3577.1	3.43
					1	99						1	0			8.81
					100	0						75	0			6.43
		48	20	64QAM20M	1	0	55916	3617.6	48	15	64QAM15M	1	74	56087	3634.7	3.36
					1	99						1	0			8.79
					100	0						75	0			6.31
		48	20	64QAM20M	1	0	56491	3675.1	48	15	64QAM15M	1	74	56662	3692.2	3.41
					1	99						1	0			8.69
					100	0						75	0			6.35
	CA_48C	48	15	64QAM15M	1	0	55318	3557.8	48	20	64QAM20M	1	99	55489	3574.9	3.38
					1	74						1	0			8.77
					75	0						100	0			6.44
		48	15	64QAM15M	1	0	55893	3615.3	48	20	64QAM20M	1	99	56064	3632.4	3.27
					1	74						1	0			8.82
					75	0						100	0			6.32
		48	15	64QAM15M	1	0	56469	3672.9	48	20	64QAM20M	1	99	56640	3690	3.38
					1	74						1	0			8.66
					75	0						100	0			6.36
	CA_48C	48	20	64QAM20M	1	0	55340	3560	48	10	64QAM10M	1	49	55484	3574.4	3.39
					1	99						1	0			8.81
					100	0						50	0			6.47
		48	20	64QAM20M	1	0	55941	3620.1	48	10	64QAM10M	1	49	56085	3634.5	3.28
					1	99						1	0			8.81
					100	0						50	0			6.29
		48	20	64QAM20M	1	0	56541	3680.1	48	10	64QAM10M	1	49	56685	3694.5	3.46
					1	99						1	0			8.74
					100	0						50	0			6.48
	CA_48C	48	10	64QAM10M	1	0	55295	3555.5	48	20	64QAM20M	1	99	55439	3569.9	3.32
					1	49						1	0			8.79
					50	0						100	0			6.50
		48	10	64QAM10M	1	0	55896	3615.6	48	20	64QAM20M	1	99	56040	3630	3.31
					1	49						1	0			8.86
					50	0						100	0			6.45
		48	10	64QAM10M	1	0	56496	3675.6	48	20	64QAM20M	1	99	56640	3690	3.38
					1	49						1	0			8.75
					50	0						100	0			6.52
	CA_48C	48	20	64QAM20M	1	0	55340	3560	48	5	64QAM5M	1	24	55457	3571.7	3.31
					1	99						1	0			8.91
					100	0						25	0			6.37
		48	20	64QAM20M	1	0	55965	3622.5	48	5	64QAM5M	1	24	56082	3634.2	3.34
					1	99						1	0			8.80
					100	0						25	0			6.35
		48	20	64QAM20M	1	0	56590	3685	48	5	64QAM5M	1	24	56707	3696.7	3.36
					1	99						1	0			8.71
					100	0						25	0			6.40
	CA_48C	48	5	64QAM5M	1	0	55273	3553.3	48	20	64QAM20M	1	99	55390	3565	3.34
					1	24						1	0			8.86
					25	0						100	0			6.49
		48	5	64QAM5M	1	0	55898	3615.8	48	20	64QAM20M	1	99	56015	3627.5	3.41
					1	24						1	0			8.80
					25	0						100	0			6.40
		48	5	64QAM5M	1	0	56523	3678.3	48	20	64QAM20M	1	99	56640	3690	3.44
					1	24						1	0			8.62
					25	0						100	0			6.36

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_48C	48	20	256QAM20M	1	0	55340	3560	48	20	256QAM20M	1	99	55538	3579.8	1.09
					1	99						1	0			7.95
					100	0						100	0			5.87
		48	20	256QAM20M	1	0	55891	3615.1	48	20	256QAM20M	1	99	56089	3634.9	1.08
					1	99						1	0			7.85
					100	0						100	0			5.83
		48	20	256QAM20M	1	0	56442	3670.2	48	20	256QAM20M	1	99	56640	3690	1.14
					1	99						1	0			7.95
					100	0						100	0			5.89
	CA_48C	48	20	256QAM20M	1	0	55340	3560	48	15	256QAM15M	1	74	55511	3577.1	1.04
					1	99						1	0			7.79
					100	0						75	0			5.82
		48	20	256QAM20M	1	0	55916	3617.6	48	15	256QAM15M	1	74	56087	3634.7	0.99
					1	99						1	0			7.70
					100	0						75	0			5.74
		48	20	256QAM20M	1	0	56491	3675.1	48	15	256QAM15M	1	74	56662	3692.2	0.94
					1	99						1	0			7.84
					100	0						75	0			5.77
	CA_48C	48	15	256QAM15M	1	0	55318	3557.8	48	20	256QAM20M	1	99	55489	3574.9	0.97
					1	74						1	0			7.86
					75	0						100	0			5.80
		48	15	256QAM15M	1	0	55893	3615.3	48	20	256QAM20M	1	99	56064	3632.4	0.96
					1	74						1	0			7.83
					75	0						100	0			5.67
		48	15	256QAM15M	1	0	56469	3672.9	48	20	256QAM20M	1	99	56640	3690	0.94
					1	74						1	0			7.80
					75	0						100	0			5.76
	CA_48C	48	20	256QAM20M	1	0	55340	3560	48	10	256QAM10M	1	49	55484	3574.4	1.02
					1	99						1	0			7.85
					100	0						50	0			5.76
		48	20	256QAM20M	1	0	55941	3620.1	48	10	256QAM10M	1	49	56085	3634.5	0.86
					1	99						1	0			7.72
					100	0						50	0			5.69
		48	20	256QAM20M	1	0	56541	3680.1	48	10	256QAM10M	1	49	56685	3694.5	1.05
					1	99						1	0			7.79
					100	0						50	0			5.72
	CA_48C	48	10	256QAM10M	1	0	55295	3555.5	48	20	256QAM20M	1	99	55439	3569.9	1.06
					1	49						1	0			7.87
					50	0						100	0			5.77
		48	10	256QAM10M	1	0	55896	3615.6	48	20	256QAM20M	1	99	56040	3630	0.93
					1	49						1	0			7.74
					50	0						100	0			5.75
		48	10	256QAM10M	1	0	56496	3675.6	48	20	256QAM20M	1	99	56640	3690	0.99
					1	49						1	0			7.77
					50	0						100	0			5.79
	CA_48C	48	20	256QAM20M	1	0	55340	3560	48	5	256QAM5M	1	24	55457	3571.7	0.97
					1	99						1	0			7.93
					100	0						25	0			5.67
		48	20	256QAM20M	1	0	55965	3622.5	48	5	256QAM5M	1	4	56082	3634.2	0.90
					1	99						1	0			7.75
					100	0						25	0			5.66
		48	20	256QAM20M	1	0	56590	3685	48	5	256QAM5M	1	24	56707	3696.7	1.09
					1	99						1	0			7.79
					100	0						25	0			5.77
	CA_48C	48	5	256QAM5M	1	0	55273	3553.3	48	20	256QAM20M	1	99	55390	3565	0.98
					1	24						1	0			7.87
					25	0						100	0			5.80
		48	5	256QAM5M	1	0	55898	3615.8	48	20	256QAM20M	1	99	56015	3627.5	0.95
					1	24						1	0			7.79
					25	0						100	0			5.66
		48	5	256QAM5M	1	0	56523	3678.3	48	20	256QAM20M	1	99	56640	3690	1.03
					1	24						1	0			7.81
					25	0						100	0			5.78

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	5.06	10.88	6.86	12.68	23
16QAM	4.00	9.87	5.80	11.67	23
64QAM	3.27	8.98	5.07	10.78	23
256QAM	0.86	7.95	2.66	9.75	23

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

Output Power: dBm/10 MHz

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_48C	48	20	QPSK20M	1	0	55340	3560	48	20	QPSK20M	1	99	55538	3579.8	5.31
					1	99						1	0			10.80
					100	0						100	0			6.02
		48	20	QPSK20M	1	0	55891	3615.1	48	20	QPSK20M	1	99	56089	3634.9	5.41
					1	99						1	0			10.88
					100	0						100	0			6.23
		48	20	QPSK20M	1	0	56442	3670.2	48	20	QPSK20M	1	99	56640	3690	5.24
					1	99						1	0			10.67
					100	0						100	0			6.11
	CA_48C	48	20	QPSK20M	1	0	55340	3560	48	15	QPSK15M	1	74	55511	3577.1	5.19
					1	99						1	0			10.69
					100	0						75	0			6.84
		48	20	QPSK20M	1	0	55916	3617.6	48	15	QPSK15M	1	74	56087	3634.7	5.23
					1	99						1	0			10.75
					100	0						75	0			7.02
		48	20	QPSK20M	1	0	56491	3675.1	48	15	QPSK15M	1	74	56662	3692.2	5.12
					1	99						1	0			10.46
					100	0						75	0			6.93
	CA_48C	48	15	QPSK15M	1	0	55318	3557.8	48	20	QPSK20M	1	99	55489	3574.9	5.27
					1	74						1	0			10.69
					75	0						100	0			6.94
		48	15	QPSK15M	1	0	55893	3615.3	48	20	QPSK20M	1	99	56064	3632.4	5.28
					1	74						1	0			10.79
					75	0						100	0			7.17
		48	15	QPSK15M	1	0	56469	3672.9	48	20	QPSK20M	1	99	56640	3690	5.10
					1	74						1	0			10.51
					75	0						100	0			6.95
	CA_48C	48	20	QPSK20M	1	0	55340	3560	48	10	QPSK10M	1	49	55484	3574.4	5.19
					1	99						1	0			10.55
					100	0						50	0			7.42
		48	20	QPSK20M	1	0	55941	3620.1	48	10	QPSK10M	1	49	56085	3634.5	5.19
					1	99						1	0			10.70
					100	0						50	0			7.74
		48	20	QPSK20M	1	0	56541	3680.1	48	10	QPSK10M	1	49	56685	3694.5	5.13
					1	99						1	0			10.55
					100	0						50	0			7.57
	CA_48C	48	10	QPSK10M	1	0	55295	3555.5	48	20	QPSK20M	1	99	55439	3569.9	5.18
					1	49						1	0			10.71
					50	0						100	0			7.46
		48	10	QPSK10M	1	0	55896	3615.6	48	20	QPSK20M	1	99	56040	3630	5.27
					1	49						1	0			10.67
					50	0						100	0			7.67
		48	10	QPSK10M	1	0	56496	3675.6	48	20	QPSK20M	1	99	56640	3690	5.05
					1	49						1	0			10.52
					50	0						100	0			7.56
	CA_48C	48	20	QPSK20M	1	0	55340	3560	48	5	QPSK5M	1	24	55457	3571.7	5.26
					1	99						1	0			10.63
					100	0						25	0			7.60
		48	20	QPSK20M	1	0	55965	3622.5	48	5	QPSK5M	1	4	56082	3634.2	5.23
					1	99						1	0			10.73
					100	0						25	0			7.69
		48	20	QPSK20M	1	0	56590	3685	48	5	QPSK5M	1	24	56707	3696.7	5.04
					1	99						1	0			10.43
					100	0						25	0			7.59
	CA_48C	48	5	QPSK5M	1	0	55273	3553.3	48	20	QPSK20M	1	99	55390	3565	5.21
					1	24						1	0			10.59
					25	0						100	0			7.57
		48	5	QPSK5M	1	0	55898	3615.8	48	20	QPSK20M	1	99	56015	3627.5	5.14
					1	24						1	0			10.70
					25	0						100	0			7.67
		48	5	QPSK5M	1	0	56523	3678.3	48	20	QPSK20M	1	99	56640	3690	5.02
					1	24						1	0			10.57
					25	0						100	0			7.53

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_48C	48	20	16QAM20M	1	0	55340	3560	48	20	16QAM20M	1	99	55538	3579.8	4.22
					1	99						1	0			9.82
					100	0						100	0			5.02
		48	20	16QAM20M	1	0	55891	3615.1	48	20	16QAM20M	1	99	56089	3634.9	4.20
					1	99						1	0			9.82
					100	0						100	0			4.96
		48	20	16QAM20M	1	0	56442	3670.2	48	20	16QAM20M	1	99	56640	3690	4.14
					1	99						1	0			9.69
					100	0						100	0			4.92
	CA_48C	48	20	16QAM20M	1	0	55340	3560	48	15	16QAM15M	1	74	55511	3577.1	4.05
					1	99						1	0			9.67
					100	0						75	0			5.90
		48	20	16QAM20M	1	0	55916	3617.6	48	15	16QAM15M	1	74	56087	3634.7	4.11
					1	99						1	0			9.72
					100	0						75	0			5.79
		48	20	16QAM20M	1	0	56491	3675.1	48	15	16QAM15M	1	74	56662	3692.2	3.97
					1	99						1	0			9.57
					100	0						75	0			5.83
	CA_48C	48	15	16QAM15M	1	0	55318	3557.8	48	20	16QAM20M	1	99	55489	3574.9	4.04
					1	74						1	0			9.75
					75	0						100	0			5.96
		48	15	16QAM15M	1	0	55893	3615.3	48	20	16QAM20M	1	99	56064	3632.4	4.09
					1	74						1	0			9.66
					75	0						100	0			5.83
		48	15	16QAM15M	1	0	56469	3672.9	48	20	16QAM20M	1	99	56640	3690	3.99
					1	74						1	0			9.59
					75	0						100	0			5.78
	CA_48C	48	20	16QAM20M	1	0	55340	3560	48	10	16QAM10M	1	49	55484	3574.4	4.02
					1	99						1	0			9.68
					100	0						50	0			6.55
		48	20	16QAM20M	1	0	55941	3620.1	48	10	16QAM10M	1	49	56085	3634.5	4.03
					1	99						1	0			9.70
					100	0						50	0			6.38
		48	20	16QAM20M	1	0	56541	3680.1	48	10	16QAM10M	1	49	56685	3694.5	4.02
					1	99						1	0			9.61
					100	0						50	0			6.39
	CA_48C	48	10	16QAM10M	1	0	55295	3555.5	48	20	16QAM20M	1	99	55439	3569.9	4.06
					1	49						1	0			9.68
					50	0						100	0			6.49
		48	10	16QAM10M	1	0	55896	3615.6	48	20	16QAM20M	1	99	56040	3630	4.10
					1	49						1	0			9.73
					50	0						100	0			6.40
		48	10	16QAM10M	1	0	56496	3675.6	48	20	16QAM20M	1	99	56640	3690	3.96
					1	49						1	0			9.57
					50	0						100	0			6.43
	CA_48C	48	20	16QAM20M	1	0	55340	3560	48	5	16QAM5M	1	24	55457	3571.7	4.04
					1	99						1	0			9.76
					100	0						25	0			6.52
		48	20	16QAM20M	1	0	55965	3622.5	48	5	16QAM5M	1	4	56082	3634.2	4.11
					1	99						1	0			9.67
					100	0						25	0			6.45
		48	20	16QAM20M	1	0	56590	3685	48	5	16QAM5M	1	24	56707	3696.7	4.00
					1	99						1	0			9.60
					100	0						25	0			6.38
	CA_48C	48	5	16QAM5M	1	0	55273	3553.3	48	20	16QAM20M	1	99	55390	3565	4.03
					1	24						1	0			9.67
					25	0						100	0			6.53
		48	5	16QAM5M	1	0	55898	3615.8	48	20	16QAM20M	1	99	56015	3627.5	4.02
					1	24						1	0			9.69
					25	0						100	0			6.36
		48	5	16QAM5M	1	0	56523	3678.3	48	20	16QAM20M	1	99	56640	3690	4.00
					1	24						1	0			9.59
					25	0						100	0			6.34

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_48C	48	20	64QAM20M	1	0	55340	3560	48	20	64QAM20M	1	99	55538	3579.8	3.45
					1	99						1	0			8.97
					100	0						100	0			4.44
		48	20	64QAM20M	1	0	55891	3615.1	48	20	64QAM20M	1	99	56089	3634.9	3.45
					1	99						1	0			8.88
					100	0						100	0			4.37
		48	20	64QAM20M	1	0	56442	3670.2	48	20	64QAM20M	1	99	56640	3690	3.54
					1	99						1	0			8.83
					100	0						100	0			4.45
	CA_48C	48	20	64QAM20M	1	0	55340	3560	48	15	64QAM15M	1	74	55511	3577.1	3.40
					1	99						1	0			8.78
					100	0						75	0			4.90
		48	20	64QAM20M	1	0	55916	3617.6	48	15	64QAM15M	1	74	56087	3634.7	3.31
					1	99						1	0			8.75
					100	0						75	0			4.76
		48	20	64QAM20M	1	0	56491	3675.1	48	15	64QAM15M	1	74	56662	3692.2	3.39
					1	99						1	0			8.66
					100	0						75	0			4.81
	CA_48C	48	15	64QAM15M	1	0	55318	3557.8	48	20	64QAM20M	1	99	55489	3574.9	3.34
					1	74						1	0			8.74
					75	0						100	0			4.93
		48	15	64QAM15M	1	0	55893	3615.3	48	20	64QAM20M	1	99	56064	3632.4	3.25
					1	74						1	0			8.79
					75	0						100	0			4.80
		48	15	64QAM15M	1	0	56469	3672.9	48	20	64QAM20M	1	99	56640	3690	3.34
					1	74						1	0			8.62
					75	0						100	0			4.86
	CA_48C	48	20	64QAM20M	1	0	55340	3560	48	10	64QAM10M	1	49	55484	3574.4	3.37
					1	99						1	0			8.77
					100	0						50	0			5.56
		48	20	64QAM20M	1	0	55941	3620.1	48	10	64QAM10M	1	49	56085	3634.5	3.26
					1	99						1	0			8.79
					100	0						50	0			5.38
		48	20	64QAM20M	1	0	56541	3680.1	48	10	64QAM10M	1	49	56685	3694.5	3.41
					1	99						1	0			8.71
					100	0						50	0			5.57
	CA_48C	48	10	64QAM10M	1	0	55295	3555.5	48	20	64QAM20M	1	99	55439	3569.9	3.29
					1	49						1	0			8.76
					50	0						100	0			5.56
		48	10	64QAM10M	1	0	55896	3615.6	48	20	64QAM20M	1	99	56040	3630	3.29
					1	49						1	0			8.83
					50	0						100	0			5.52
		48	10	64QAM10M	1	0	56496	3675.6	48	20	64QAM20M	1	99	56640	3690	3.35
					1	49						1	0			8.71
					50	0						100	0			5.59
	CA_48C	48	20	64QAM20M	1	0	55340	3560	48	5	64QAM5M	1	24	55457	3571.7	3.27
					1	99						1	0			8.88
					100	0						25	0			5.48
		48	20	64QAM20M	1	0	55965	3622.5	48	5	64QAM5M	1	24	56082	3634.2	3.30
					1	99						1	0			8.77
					100	0						25	0			5.44
		48	20	64QAM20M	1	0	56590	3685	48	5	64QAM5M	1	24	56707	3696.7	3.34
					1	99						1	0			8.66
					100	0						25	0			5.47
	CA_48C	48	5	64QAM5M	1	0	55273	3553.3	48	20	64QAM20M	1	99	55390	3565	3.33
					1	24						1	0			8.84
					25	0						100	0			5.56
		48	5	64QAM5M	1	0	55898	3615.8	48	20	64QAM20M	1	99	56015	3627.5	3.39
					1	24						1	0			8.76
					25	0						100	0			5.50
		48	5	64QAM5M	1	0	56523	3678.3	48	20	64QAM20M	1	99	56640	3690	3.40
					1	24						1	0			8.60
					25	0						100	0			5.43

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_48C	48	20	256QAM20M	1	0	55340	3560	48	20	256QAM20M	1	99	55538	3579.8	1.06
					1	99						1	0			7.93
					100	0						100	0			3.75
		48	20	256QAM20M	1	0	55891	3615.1	48	20	256QAM20M	1	99	56089	3634.9	1.06
					1	99						1	0			7.82
					100	0						100	0			3.72
		48	20	256QAM20M	1	0	56442	3670.2	48	20	256QAM20M	1	99	56640	3690	1.13
					1	99						1	0			7.93
					100	0						100	0			3.78
	CA_48C	48	20	256QAM20M	1	0	55340	3560	48	15	256QAM15M	1	74	55511	3577.1	1.03
					1	99						1	0			7.77
					100	0						75	0			4.28
		48	20	256QAM20M	1	0	55916	3617.6	48	15	256QAM15M	1	74	56087	3634.7	0.96
					1	99						1	0			7.68
					100	0						75	0			4.22
		48	20	256QAM20M	1	0	56491	3675.1	48	15	256QAM15M	1	74	56662	3692.2	0.90
					1	99						1	0			7.79
					100	0						75	0			4.23
	CA_48C	48	15	256QAM15M	1	0	55318	3557.8	48	20	256QAM20M	1	99	55489	3574.9	0.93
					1	74						1	0			7.84
					75	0						100	0			4.30
		48	15	256QAM15M	1	0	55893	3615.3	48	20	256QAM20M	1	99	56064	3632.4	0.93
					1	74						1	0			7.80
					75	0						100	0			4.20
		48	15	256QAM15M	1	0	56469	3672.9	48	20	256QAM20M	1	99	56640	3690	0.91
					1	74						1	0			7.79
					75	0						100	0			4.27
	CA_48C	48	20	256QAM20M	1	0	55340	3560	48	10	256QAM10M	1	49	55484	3574.4	1.01
					1	99						1	0			7.81
					100	0						50	0			4.82
		48	20	256QAM20M	1	0	55941	3620.1	48	10	256QAM10M	1	49	56085	3634.5	0.83
					1	99						1	0			7.70
					100	0						50	0			4.79
		48	20	256QAM20M	1	0	56541	3680.1	48	10	256QAM10M	1	49	56685	3694.5	1.01
					1	99						1	0			7.76
					100	0						50	0			4.80
	CA_48C	48	10	256QAM10M	1	0	55295	3555.5	48	20	256QAM20M	1	99	55439	3569.9	1.04
					1	49						1	0			7.84
					50	0						100	0			4.87
		48	10	256QAM10M	1	0	55896	3615.6	48	20	256QAM20M	1	99	56040	3630	0.89
					1	49						1	0			7.72
					50	0						100	0			4.81
		48	10	256QAM10M	1	0	56496	3675.6	48	20	256QAM20M	1	99	56640	3690	0.95
					1	49						1	0			7.74
					50	0						100	0			4.86
	CA_48C	48	20	256QAM20M	1	0	55340	3560	48	5	256QAM5M	1	24	55457	3571.7	0.94
					1	99						1	0			7.90
					100	0						25	0			4.74
		48	20	256QAM20M	1	0	55965	3622.5	48	5	256QAM5M	1	4	56082	3634.2	0.89
					1	99						1	0			7.72
					100	0						25	0			4.75
		48	20	256QAM20M	1	0	56590	3685	48	5	256QAM5M	1	24	56707	3696.7	1.06
					1	99						1	0			7.75
					100	0						25	0			4.84
	CA_48C	48	5	256QAM5M	1	0	55273	3553.3	48	20	256QAM20M	1	99	55390	3565	0.96
					1	24						1	0			7.84
					25	0						100	0			4.89
		48	5	256QAM5M	1	0	55898	3615.8	48	20	256QAM20M	1	99	56015	3627.5	0.94
					1	24						1	0			7.75
					25	0						100	0			4.76
		48	5	256QAM5M	1	0	56523	3678.3	48	20	256QAM20M	1	99	56640	3690	1.00
					1	24						1	0			7.77
					25	0						100	0			4.85

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	5.02	10.88	6.82	12.68	23
16QAM	3.96	9.82	5.76	11.62	23
64QAM	3.25	8.97	5.05	10.77	23
256QAM	0.83	7.93	2.63	9.73	23

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.8 LTE Band 66B

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_66B	66	10	QPSK10M	1	0	132022	1715	66	10	QPSK10M	1	49	132121	1724.9	10.30
					1	49						1	0			17.05
					50	0						50	0			14.75
		66	10	QPSK10M	1	0	132373	1750.1	66	10	QPSK10M	1	49	132472	1760	10.20
					1	49						50	0			17.24
					50	0						1	0			14.97
		66	10	QPSK10M	1	0	132523	1765.1	66	10	QPSK10M	1	49	132622	1775	10.07
					1	49						1	0			17.13
					50	0						50	0			14.89
	CA_66B	66	15	QPSK15M	1	0	132047	1717.5	66	5	QPSK5M	1	24	132140	1726.8	10.21
					1	74						1	0			16.91
					75	0						25	0			14.62
		66	15	QPSK15M	1	0	132398	1752.6	66	5	QPSK5M	1	24	132491	1761.9	10.08
					1	74						1	0			17.17
					75	0						25	0			14.82
		66	15	QPSK15M	1	0	132549	1767.7	66	5	QPSK5M	1	24	132642	1777	9.89
					1	74						1	0			17.09
					75	0						25	0			14.69
	CA_66B	66	5	QPSK5M	1	0	132002	1713	66	15	QPSK15M	1	74	132095	1722.3	10.18
					1	24						1	0			17.00
					25	0						75	0			14.62
		66	5	QPSK5M	1	0	132353	1748.1	66	15	QPSK15M	1	74	132446	1757.4	10.06
					1	24						1	0			17.09
					25	0						75	0			14.86
		66	5	QPSK5M	1	0	132504	1763.2	66	15	QPSK15M	1	74	132597	1772.5	9.83
					1	24						1	0			17.04
					25	0						75	0			14.75
	CA_66B	66	10	QPSK10M	1	0	132022	1715	66	5	QPSK5M	1	24	132094	1722.2	10.15
					1	49						1	0			16.96
					50	0						25	0			14.57
		66	10	QPSK10M	1	0	132397	1752.5	66	5	QPSK5M	1	24	132469	1759.7	10.07
					1	49						1	0			17.04
					50	0						25	0			14.82
		66	10	QPSK10M	1	0	132572	1770	66	5	QPSK5M	1	24	132644	1777.2	9.99
					1	49						1	0			16.94
					50	0						25	0			14.80
	CA_66B	66	5	QPSK5M	1	0	132000	1712.8	66	10	QPSK10M	1	49	132072	1720	10.21
					1	24						1	0			16.91
					25	0						50	0			14.62
		66	5	QPSK5M	1	0	132375	1750.3	66	10	QPSK10M	1	49	132447	1757.5	10.08
					1	24						1	0			17.17
					25	0						50	0			14.82
		66	5	QPSK5M	1	0	132550	1767.8	66	10	QPSK10M	1	49	132622	1775	9.89
					1	24						1	0			17.09
					25	0						50	0			14.69
	CA_66B	66	5	QPSK5M	1	0	131997	1712.5	66	5	QPSK5M	1	24	132045	1717.3	10.18
					1	24						1	0			17.00
					25	0						25	0			14.62
		66	5	QPSK5M	1	0	132398	1752.6	66	5	QPSK5M	1	4	132446	1757.4	10.06
					1	24						1	0			17.09
					25	0						25	0			14.86
		66	5	QPSK5M	1	0	132599	1772.7	66	5	QPSK5M	1	24	132647	1777.5	9.83
					1	24						1	0			17.04
					25	0						25	0			14.75

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_66B	66	10	16QAM10M	1	0	132022	1715	66	10	16QAM10M	1	49	132121	1724.9	9.47
					1	49						1	0			16.09
					50	0						50	0			13.96
		66	10	16QAM10M	1	0	132373	1750.1	66	10	16QAM10M	1	49	132472	1760	9.51
					1	49						50	0			16.10
					50	0						1	0			13.96
		66	10	16QAM10M	1	0	132523	1765.1	66	10	16QAM10M	1	49	132622	1775	9.36
					1	49						1	0			15.79
					50	0						50	0			13.56
	CA_66B	66	15	16QAM15M	1	0	132047	1717.5	66	5	16QAM5M	1	24	132140	1726.8	9.32
					1	74						1	0			16.04
					75	0						25	0			13.85
		66	15	16QAM15M	1	0	132398	1752.6	66	5	16QAM5M	1	24	132491	1761.9	9.41
					1	74						1	0			15.94
					75	0						25	0			13.84
		66	15	16QAM15M	1	0	132549	1767.7	66	5	16QAM5M	1	24	132642	1777	9.19
					1	74						1	0			15.77
					75	0						25	0			13.48
	CA_66B	66	5	16QAM5M	1	0	132002	1713	66	15	16QAM15M	1	74	132095	1722.3	9.28
					1	24						1	0			15.96
					25	0						75	0			13.79
		66	5	16QAM5M	1	0	132353	1748.1	66	15	16QAM15M	1	74	132446	1757.4	9.34
					1	24						1	0			15.95
					25	0						75	0			13.75
		66	5	16QAM5M	1	0	132504	1763.2	66	15	16QAM15M	1	74	132597	1772.5	9.22
					1	24						1	0			15.62
					25	0						75	0			13.41
	CA_66B	66	10	16QAM10M	1	0	132022	1715	66	5	16QAM5M	1	24	132094	1722.2	9.30
					1	49						1	0			15.91
					50	0						25	0			13.89
		66	10	16QAM10M	1	0	132397	1752.5	66	5	16QAM5M	1	24	132469	1759.7	9.44
					1	49						1	0			16.01
					50	0						25	0			13.92
		66	10	16QAM10M	1	0	132572	1770	66	5	16QAM5M	1	24	132644	1777.2	9.21
					1	49						1	0			15.63
					50	0						25	0			13.45
	CA_66B	66	5	16QAM5M	1	0	132000	1712.8	66	10	16QAM10M	1	49	132072	1720	9.32
					1	24						1	0			15.96
					25	0						50	0			13.80
		66	5	16QAM5M	1	0	132375	1750.3	66	10	16QAM10M	1	49	132447	1757.5	9.34
					1	24						1	0			15.93
					25	0						50	0			13.91
		66	5	16QAM5M	1	0	132550	1767.8	66	10	16QAM10M	1	49	132622	1775	9.26
					1	24						1	0			15.62
					25	0						50	0			13.39
	CA_66B	66	5	16QAM5M	1	0	131997	1712.5	66	5	16QAM5M	1	24	132045	1717.3	9.35
					1	24						1	0			15.85
					25	0						25	0			13.78
		66	5	16QAM5M	1	0	132398	1752.6	66	5	16QAM5M	1	4	132446	1757.4	9.33
					1	24						1	0			15.96
					25	0						25	0			13.87
		66	5	16QAM5M	1	0	132599	1772.7	66	5	16QAM5M	1	24	132647	1777.5	9.17
					1	24						1	0			15.61
					25	0						25	0			13.35

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_66B	66	10	64QAM10M	1	0	132022	1715	66	10	64QAM10M	1	49	132121	1724.9	8.26
					1	49						1	0			15.36
					50	0						50	0			13.14
		66	10	64QAM10M	1	0	132373	1750.1	66	10	64QAM10M	1	49	132472	1760	9.22
					1	49						50	0			15.40
					50	0						1	0			13.29
		66	10	64QAM10M	1	0	132523	1765.1	66	10	64QAM10M	1	49	132622	1775	9.03
					1	49						1	0			15.28
					50	0						50	0			13.03
	CA_66B	66	15	64QAM15M	1	0	132047	1717.5	66	5	64QAM5M	1	24	132140	1726.8	8.09
					1	74						1	0			15.29
					75	0						25	0			13.05
		66	15	64QAM15M	1	0	132398	1752.6	66	5	64QAM5M	1	24	132491	1761.9	9.14
					1	74						1	0			15.32
					75	0						25	0			13.14
		66	15	64QAM15M	1	0	132549	1767.7	66	5	64QAM5M	1	24	132642	1777	8.91
					1	74						1	0			15.19
					75	0						25	0			12.90
	CA_66B	66	5	64QAM5M	1	0	132002	1713	66	15	64QAM15M	1	74	132095	1722.3	8.22
					1	24						1	0			15.31
					25	0						75	0			12.95
		66	5	64QAM5M	1	0	132353	1748.1	66	15	64QAM15M	1	74	132446	1757.4	9.08
					1	24						1	0			15.23
					25	0						75	0			13.09
		66	5	64QAM5M	1	0	132504	1763.2	66	15	64QAM15M	1	74	132597	1772.5	8.99
					1	24						1	0			15.18
					25	0						75	0			12.89
	CA_66B	66	10	64QAM10M	1	0	132022	1715	66	5	64QAM5M	1	24	132094	1722.2	8.12
					1	49						1	0			15.23
					50	0						25	0			12.95
		66	10	64QAM10M	1	0	132397	1752.5	66	5	64QAM5M	1	24	132469	1759.7	9.11
					1	49						1	0			15.22
					50	0						25	0			13.09
		66	10	64QAM10M	1	0	132572	1770	66	5	64QAM5M	1	24	132644	1777.2	8.94
					1	49						1	0			15.15
					50	0						25	0			12.86
	CA_66B	66	5	64QAM5M	1	0	132000	1712.8	66	10	64QAM10M	1	49	132072	1720	8.13
					1	24						1	0			15.23
					25	0						50	0			12.95
		66	5	64QAM5M	1	0	132375	1750.3	66	10	64QAM10M	1	49	132447	1757.5	9.05
					1	24						1	0			15.27
					25	0						50	0			13.25
		66	5	64QAM5M	1	0	132550	1767.8	66	10	64QAM10M	1	49	132622	1775	8.95
					1	24						1	0			15.09
					25	0						50	0			12.98
	CA_66B	66	5	64QAM5M	1	0	131997	1712.5	66	5	64QAM5M	1	24	132045	1717.3	8.24
					1	24						1	0			15.19
					25	0						25	0			13.05
		66	5	64QAM5M	1	0	132398	1752.6	66	5	64QAM5M	1	4	132446	1757.4	9.04
					1	24						1	0			15.27
					25	0						25	0			13.08
		66	5	64QAM5M	1	0	132599	1772.7	66	5	64QAM5M	1	24	132647	1777.5	8.84
					1	24						1	0			15.04
					25	0						25	0			12.79

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_66B	66	10	256QAM10M	1	0	132022	1715	66	10	256QAM10M	1	49	132121	1724.9	5.71
					1	49						1	0			12.03
					50	0						50	0			9.93
		66	10	256QAM10M	1	0	132373	1750.1	66	10	256QAM10M	1	49	132472	1760	5.75
					1	49						50	0			12.05
					50	0						1	0			9.95
		66	10	256QAM10M	1	0	132523	1765.1	66	10	256QAM10M	1	49	132622	1775	5.67
					1	49						1	0			11.91
					50	0						50	0			9.82
	CA_66B	66	15	256QAM15M	1	0	132047	1717.5	66	5	256QAM5M	1	24	132140	1726.8	5.57
					1	74						1	0			11.96
					75	0						25	0			9.79
		66	15	256QAM15M	1	0	132398	1752.6	66	5	256QAM5M	1	24	132491	1761.9	5.62
					1	74						1	0			11.85
					75	0						25	0			9.80
		66	15	256QAM15M	1	0	132549	1767.7	66	5	256QAM5M	1	24	132642	1777	5.59
					1	74						1	0			11.90
					75	0						25	0			9.77
	CA_66B	66	5	256QAM5M	1	0	132002	1713	66	15	256QAM15M	1	74	132095	1722.3	5.57
					1	24						1	0			11.97
					25	0						75	0			9.77
		66	5	256QAM5M	1	0	132353	1748.1	66	15	256QAM15M	1	74	132446	1757.4	5.59
					1	24						1	0			11.89
					25	0						75	0			9.83
		66	5	256QAM5M	1	0	132504	1763.2	66	15	256QAM15M	1	74	132597	1772.5	5.61
					1	24						1	0			11.75
					25	0						75	0			9.59
	CA_66B	66	10	256QAM10M	1	0	132022	1715	66	5	256QAM5M	1	24	132094	1722.2	5.57
					1	49						1	0			11.89
					50	0						25	0			9.80
		66	10	256QAM10M	1	0	132397	1752.5	66	5	256QAM5M	1	24	132469	1759.7	5.64
					1	49						1	0			11.98
					50	0						25	0			9.72
		66	10	256QAM10M	1	0	132572	1770	66	5	256QAM5M	1	24	132644	1777.2	5.47
					1	49						1	0			11.69
					50	0						25	0			9.68
	CA_66B	66	5	256QAM5M	1	0	132000	1712.8	66	10	256QAM10M	1	49	132072	1720	5.69
					1	24						1	0			11.81
					25	0						50	0			9.83
		66	5	256QAM5M	1	0	132375	1750.3	66	10	256QAM10M	1	49	132447	1757.5	5.57
					1	24						1	0			11.86
					25	0						50	0			9.83
		66	5	256QAM5M	1	0	132550	1767.8	66	10	256QAM10M	1	49	132622	1775	5.55
					1	24						1	0			11.82
					25	0						50	0			9.62
	CA_66B	66	5	256QAM5M	1	0	131997	1712.5	66	5	256QAM5M	1	24	132045	1717.3	5.64
					1	24						1	0			11.92
					25	0						25	0			9.78
		66	5	256QAM5M	1	0	132398	1752.6	66	5	256QAM5M	1	4	132446	1757.4	5.60
					1	24						1	0			11.93
					25	0						25	0			9.90
		66	5	256QAM5M	1	0	132599	1772.7	66	5	256QAM5M	1	24	132647	1777.5	5.55
					1	24						1	0			11.80
					25	0						25	0			9.68

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	9.83	17.24	10.86	18.27	30.00
16QAM	9.17	16.10	10.20	17.13	30.00
64QAM	8.09	15.40	9.12	16.43	30.00
256QAM	5.47	12.05	6.50	13.08	30.00

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.9 LTE Band 66C

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_66C	66	20	QPSK20M	1	0	132072	1720	66	20	QPSK20M	1	99	132270	1739.8	10.57
					1	99						1	0			17.22
					100	0						100	0			15.04
		66	20	QPSK20M	1	0	132323	1745.1	66	20	QPSK20M	1	99	132521	1764.9	10.50
					1	99						100	0			17.36
					100	0						1	0			15.14
		66	20	QPSK20M	1	0	132374	1750.2	66	20	QPSK20M	1	99	132572	1770	10.29
					1	99						1	0			17.30
					100	0						100	0			15.11
	CA_66C	66	20	QPSK20M	1	0	132072	1720	66	15	QPSK15M	1	74	132243	1737.1	10.45
					1	99						1	0			17.18
					100	0						75	0			14.85
		66	20	QPSK20M	1	0	132348	1747.6	66	15	QPSK15M	1	74	132513	1764.1	10.34
					1	99						1	0			17.29
					100	0						75	0			14.92
		66	20	QPSK20M	1	0	132423	1755.1	66	15	QPSK15M	1	74	132594	1772.2	10.17
					1	99						1	0			17.24
					100	0						75	0			15.09
	CA_66C	66	15	QPSK15M	1	0	132050	1717.8	66	20	QPSK20M	1	99	132221	1734.9	10.45
					1	74						1	0			16.98
					75	0						100	0			14.96
		66	15	QPSK15M	1	0	132325	1745.3	66	20	QPSK20M	1	99	132496	1762.4	10.41
					1	74						1	0			17.22
					75	0						100	0			14.98
		66	15	QPSK15M	1	0	132401	1752.9	66	20	QPSK20M	1	99	132572	1770	10.13
					1	74						1	0			17.20
					75	0						100	0			15.03
	CA_66C	66	20	QPSK20M	1	0	132072	1720	66	10	QPSK10M	1	49	132216	1734.4	10.40
					1	99						1	0			17.03
					100	0						50	0			14.93
		66	20	QPSK20M	1	0	132373	1750.1	66	10	QPSK10M	1	49	132517	1764.5	10.40
					1	99						1	0			17.23
					100	0						50	0			15.08
		66	20	QPSK20M	1	0	132473	1760.1	66	10	QPSK10M	1	49	132617	1774.6	10.17
					1	99						1	0			17.23
					100	0						50	0			14.96
	CA_66C	66	10	QPSK10M	1	0	132027	1715.5	66	20	QPSK20M	1	99	131171	1729.9	10.38
					1	49						1	0			17.06
					50	0						100	0			14.93
		66	10	QPSK10M	1	0	132328	1745.6	66	20	QPSK20M	1	99	132472	1760	10.40
					1	49						1	0			17.21
					50	0						100	0			15.05
		66	10	QPSK10M	1	0	132428	1755.6	66	20	QPSK20M	1	99	132572	1770	10.12
					1	49						1	0			17.20
					50	0						100	0			14.91
	CA_66C	66	20	QPSK20M	1	0	132072	1720	66	5	QPSK5M	1	24	132189	1731.7	10.43
					1	99						1	0			17.08
					100	0						25	0			14.92
		66	20	QPSK20M	1	0	132397	1752.5	66	5	QPSK5M	1	24	132514	1764.2	10.38
					1	99						1	0			17.33
					100	0						25	0			14.98
		66	20	QPSK20M	1	0	132522	1765	66	5	QPSK5M	1	24	132639	1776.7	10.22
					1	99						1	0			17.21
					100	0						25	0			14.98
	CA_66C	66	5	QPSK5M	1	0	132005	1713.3	66	20	QPSK20M	1	99	132122	1725	10.42
					1	24						1	0			17.14
					25	0						100	0			14.95
		66	5	QPSK5M	1	0	132330	1745.8	66	20	QPSK20M	1	99	132447	1757.5	10.30
					1	24						1	0			17.32
					25	0						100	0			14.99
		66	5	QPSK5M	1	0	132455	1758.3	66	20	QPSK20M	1	99	132572	1770	10.16
					1	24						1	0			17.27
					25	0						100	0			14.99

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_66C	66	15	QPSK15M	1	0	132047	1717.5	66	10	QPSK10M	1	49	132167	1729.5	10.43
					1	74						1	0			17.06
					75	0						50	0			14.92
		66	15	QPSK15M	1	0	132373	1750.1	66	10	QPSK10M	1	49	132328	1761.1	10.41
					1	74						1	0			17.27
					75	0						50	0			15.06
		66	15	QPSK15M	1	0	132499	1762.7	66	10	QPSK10M	1	49	132619	1774.7	10.22
					1	74						1	0			17.17
					75	0						50	0			15.07
	CA_66C	66	10	QPSK10M	1	0	132025	1715.3	66	15	QPSK15M	1	74	132145	1727.3	10.40
					1	49						1	0			17.08
					50	0						75	0			14.89
		66	10	QPSK10M	1	0	132351	1747.9	66	15	QPSK15M	1	74	132471	1759.9	10.37
					1	49						1	0			17.22
					50	0						75	0			15.05
		66	10	QPSK10M	1	0	132477	1760.5	66	15	QPSK15M	1	74	132597	1772.5	10.14
					1	49						1	0			17.18
					50	0						75	0			14.92
	CA_66C	66	15	QPSK15M	1	0	132047	1717.5	66	15	QPSK15M	1	74	132197	1732.5	10.37
					1	74						1	0			17.11
					75	0						75	0			14.92
		66	15	QPSK15M	1	0	132347	1747.5	66	15	QPSK15M	1	74	132497	1762.5	10.37
					1	74						1	0			17.23
					75	0						75	0			15.02
		66	15	QPSK15M	1	0	132447	1757.5	66	15	QPSK15M	1	74	132597	1772.5	10.18
					1	74						1	0			17.25
					75	0						75	0			15.05

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_66C	66	20	16QAM20M	1	0	132072	1720	66	20	16QAM20M	1	99	132270	1739.8	9.50
					1	99						1	0			16.00
					100	0						100	0			13.77
		66	20	16QAM20M	1	0	132323	1745.1	66	20	16QAM20M	1	99	132521	1764.9	9.62
					1	99						100	0			16.24
					100	0						1	0			14.03
		66	20	16QAM20M	1	0	132374	1750.2	66	20	16QAM20M	1	99	132572	1770	9.57
					1	99						1	0			15.87
					100	0						100	0			13.82
	CA_66C	66	20	16QAM20M	1	0	132072	1720	66	15	16QAM15M	1	74	132243	1737.1	9.43
					1	99						1	0			15.82
					100	0						75	0			13.74
		66	20	16QAM20M	1	0	132348	1747.6	66	15	16QAM15M	1	74	132513	1764.1	9.46
					1	99						1	0			16.15
					100	0						75	0			13.91
		66	20	16QAM20M	1	0	132423	1755.1	66	15	16QAM15M	1	74	132594	1772.2	9.41
					1	99						1	0			15.74
					100	0						75	0			13.67
	CA_66C	66	15	16QAM15M	1	0	132050	1717.8	66	20	16QAM20M	1	99	132221	1734.9	9.43
					1	74						1	0			15.82
					75	0						100	0			13.62
		66	15	16QAM15M	1	0	132325	1745.3	66	20	16QAM20M	1	99	132496	1762.4	9.45
					1	74						1	0			16.08
					75	0						100	0			14.01
		66	15	16QAM15M	1	0	132401	1752.9	66	20	16QAM20M	1	99	132572	1770	9.52
					1	74						1	0			15.76
					75	0						100	0			13.69
	CA_66C	66	20	16QAM20M	1	0	132072	1720	66	10	16QAM10M	1	49	132216	1734.4	9.35
					1	99						1	0			15.86
					100	0						50	0			13.67
		66	20	16QAM20M	1	0	132373	1750.1	66	10	16QAM10M	1	49	132517	1764.5	9.55
					1	99						1	0			16.18
					100	0						50	0			13.91
		66	20	16QAM20M	1	0	132473	1760.1	66	10	16QAM10M	1	49	132617	1774.6	9.42
					1	99						1	0			15.63
					100	0						50	0			13.61
	CA_66C	66	10	16QAM10M	1	0	132027	1715.5	66	20	16QAM20M	1	99	131171	1729.9	9.45
					1	49						1	0			15.89
					50	0						100	0			13.62
		66	10	16QAM10M	1	0	132328	1745.6	66	20	16QAM20M	1	99	132472	1760	9.42
					1	49						1	0			16.06
					50	0						100	0			13.85
		66	10	16QAM10M	1	0	132428	1755.6	66	20	16QAM20M	1	99	132572	1770	9.47
					1	49						1	0			15.70
					50	0						100	0			13.63
	CA_66C	66	20	16QAM20M	1	0	132072	1720	66	5	16QAM5M	1	24	132189	1731.7	9.45
					1	99						1	0			15.83
					100	0						25	0			13.60
		66	20	16QAM20M	1	0	132397	1752.5	66	5	16QAM5M	1	24	132514	1764.2	9.50
					1	99						1	0			16.14
					100	0						25	0			13.90
		66	20	16QAM20M	1	0	132522	1765	66	5	16QAM5M	1	24	132639	1776.7	9.45
					1	99						1	0			15.71
					100	0						25	0			13.71
	CA_66C	66	5	16QAM5M	1	0	132005	1713.3	66	20	16QAM20M	1	99	132122	1725	9.36
					1	24						1	0			15.89
					25	0						100	0			13.67
		66	5	16QAM5M	1	0	132330	1745.8	66	20	16QAM20M	1	99	132447	1757.5	9.45
					1	24						1	0			16.11
					25	0						100	0			13.93
		66	5	16QAM5M	1	0	132455	1758.3	66	20	16QAM20M	1	99	132572	1770	9.44
					1	24						1	0			15.79
					25	0						100	0			13.76

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_66C	66	15	16QAM15M	1	0	132047	1717.5	66	10	16QAM10M	1	49	132167	1729.5	9.29
					1	74						1	0			15.90
					75	0						50	0			13.69
		66	15	16QAM15M	1	0	132373	1750.1	66	10	16QAM10M	1	49	132328	1761.1	9.42
					1	74						1	0			16.08
					75	0						50	0			13.91
		66	15	16QAM15M	1	0	132499	1762.7	66	10	16QAM10M	1	49	132619	1774.7	9.37
					1	74						1	0			15.71
					75	0						50	0			13.72
	CA_66C	66	10	16QAM20M	1	0	132025	1715.3	66	15	16QAM15M	1	74	132145	1727.3	9.36
					1	49						1	0			15.85
					50	0						75	0			13.62
		66	10	16QAM20M	1	0	132351	1747.9	66	15	16QAM15M	1	74	132471	1759.9	9.44
					1	49						1	0			16.20
					50	0						75	0			13.91
		66	10	16QAM20M	1	0	132477	1760.5	66	15	16QAM15M	1	74	132597	1772.5	9.48
					1	49						1	0			15.76
					50	0						75	0			13.61
	CA_66C	66	15	16QAM15M	1	0	132047	1717.5	66	15	16QAM15M	1	74	132197	1732.5	9.35
					1	74						1	0			15.92
					75	0						75	0			13.68
		66	15	16QAM15M	1	0	132347	1747.5	66	15	16QAM15M	1	74	132497	1762.5	9.48
					1	74						1	0			16.07
					75	0						75	0			13.92
		66	16	16QAM15M	1	0	132447	1757.5	66	15	16QAM15M	1	74	132597	1772.5	9.46
					1	74						1	0			15.78
					75	0						75	0			13.67

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_66C	66	20	64QAM20M	1	0	132072	1720	66	20	64QAM20M	1	99	132270	1739.8	8.72
					1	99						1	0			15.56
					100	0						100	0			12.88
		66	20	64QAM20M	1	0	132323	1745.1	66	20	64QAM20M	1	99	132521	1764.9	8.63
					1	99						100	0			15.41
					100	0						1	0			12.79
		66	20	64QAM20M	1	0	132374	1750.2	66	20	64QAM20M	1	99	132572	1770	8.52
					1	99						1	0			15.59
					100	0						100	0			12.71
	CA_66C	66	20	64QAM20M	1	0	132072	1720	66	15	64QAM15M	1	74	132243	1737.1	8.54
					1	99						1	0			15.37
					100	0						75	0			12.81
		66	20	64QAM20M	1	0	132348	1747.6	66	15	64QAM15M	1	74	132513	1764.1	8.46
					1	99						1	0			15.30
					100	0						75	0			12.75
		66	20	64QAM20M	1	0	132423	1755.1	66	15	64QAM15M	1	74	132594	1772.2	8.31
					1	99						1	0			15.42
					100	0						75	0			12.62
	CA_66C	66	15	64QAM15M	1	0	132050	1717.8	66	20	64QAM20M	1	99	132221	1734.9	8.59
					1	74						1	0			15.47
					75	0						100	0			12.71
		66	15	64QAM15M	1	0	132325	1745.3	66	20	64QAM20M	1	99	132496	1762.4	8.56
					1	74						1	0			15.17
					75	0						100	0			12.64
		66	15	64QAM15M	1	0	132401	1752.9	66	20	64QAM20M	1	99	132572	1770	8.33
					1	74						1	0			15.54
					75	0						100	0			12.54
	CA_66C	66	20	64QAM20M	1	0	132072	1720	66	10	64QAM10M	1	49	132216	1734.4	8.67
					1	99						1	0			15.40
					100	0						50	0			12.76
		66	20	64QAM20M	1	0	132373	1750.1	66	10	64QAM10M	1	49	132517	1764.5	8.52
					1	99						1	0			15.20
					100	0						50	0			12.60
		66	20	64QAM20M	1	0	132473	1760.1	66	10	64QAM10M	1	49	132617	1774.6	8.48
					1	99						1	0			15.39
					100	0						50	0			12.65
	CA_66C	66	10	64QAM10M	1	0	132027	1715.5	66	20	64QAM20M	1	99	131171	1729.9	8.59
					1	49						1	0			15.48
					50	0						100	0			12.71
		66	10	64QAM10M	1	0	132328	1745.6	66	20	64QAM20M	1	99	132472	1760	8.51
					1	49						1	0			15.20
					50	0						100	0			12.70
		66	10	64QAM10M	1	0	132428	1755.6	66	20	64QAM20M	1	99	132572	1770	8.34
					1	49						1	0			15.43
					50	0						100	0			12.64
	CA_66C	66	20	64QAM20M	1	0	132072	1720	66	5	64QAM5M	1	24	132189	1731.7	8.58
					1	99						1	0			15.45
					100	0						25	0			12.74
		66	20	64QAM20M	1	0	132397	1752.5	66	5	64QAM5M	1	24	132514	1764.2	8.49
					1	99						1	0			15.20
					100	0						25	0			12.67
		66	20	64QAM20M	1	0	132522	1765	66	5	64QAM5M	1	24	132639	1776.7	8.47
					1	99						1	0			15.46
					100	0						25	0			12.55
	CA_66C	66	5	64QAM5M	1	0	132005	1713.3	66	20	64QAM20M	1	99	132122	1725	8.64
					1	24						1	0			15.43
					25	0						100	0			12.76
		66	5	64QAM5M	1	0	132330	1745.8	66	20	64QAM20M	1	99	132447	1757.5	8.50
					1	24						1	0			15.26
					25	0						100	0			12.78
		66	5	64QAM5M	1	0	132455	1758.3	66	20	64QAM20M	1	99	132572	1770	8.43
					1	24						1	0			15.50
					25	0						100	0			12.57

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_66C	66	15	64QAM15M	1	0	132047	1717.5	66	10	64QAM10M	1	49	132167	1729.5	8.53
					1	74						1	0			15.51
					75	0						50	0			12.74
		66	15	64QAM15M	1	0	132373	1750.1	66	10	64QAM10M	1	49	132328	1761.1	8.51
					1	74						1	0			15.28
					75	0						50	0			12.61
		66	15	64QAM15M	1	0	132499	1762.7	66	10	64QAM10M	1	49	132619	1774.7	8.29
					1	74						1	0			15.47
					75	0						50	0			12.64
	CA_66C	66	10	64QAM10M	1	0	132025	1715.3	66	15	64QAM15M	1	74	132145	1727.3	8.58
					1	49						1	0			15.47
					50	0						75	0			12.70
		66	10	64QAM10M	1	0	132351	1747.9	66	15	64QAM15M	1	74	132471	1759.9	8.52
					1	49						1	0			15.35
					50	0						75	0			12.68
		66	10	64QAM10M	1	0	132477	1760.5	66	15	64QAM15M	1	74	132597	1772.5	8.41
					1	49						1	0			15.56
					50	0						75	0			12.60
	CA_66C	66	15	64QAM15M	1	0	132047	1717.5	66	15	64QAM15M	1	74	132197	1732.5	8.66
					1	74						1	0			15.42
					75	0						75	0			12.74
		66	15	64QAM15M	1	0	132347	1747.5	66	15	64QAM15M	1	74	132497	1762.5	8.53
					1	74						1	0			15.27
					75	0						75	0			12.68
		66	15	64QAM15M	1	0	132447	1757.5	66	15	64QAM15M	1	74	132597	1772.5	8.36
					1	74						1	0			15.47
					75	0						75	0			12.60

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_66C	66	20	256QAM20M	1	0	132072	1720	66	20	256QAM20M	1	99	132270	1739.8	6.01
					1	99						1	0			12.14
					100	0						100	0			9.97
		66	20	256QAM20M	1	0	132323	1745.1	66	20	256QAM20M	1	99	132521	1764.9	6.10
					1	99						100	0			12.17
					100	0						1	0			10.02
		66	20	256QAM20M	1	0	132374	1750.2	66	20	256QAM20M	1	99	132572	1770	6.08
					1	99						1	0			11.18
					100	0						100	0			9.18
	CA_66C	66	20	256QAM20M	1	0	132072	1720	66	15	256QAM15M	1	74	132243	1737.1	5.87
					1	99						1	0			11.94
					100	0						75	0			9.89
		66	20	256QAM20M	1	0	132348	1747.6	66	15	256QAM15M	1	74	132513	1764.1	6.09
					1	99						1	0			12.03
					100	0						75	0			9.86
		66	20	256QAM20M	1	0	132423	1755.1	66	15	256QAM15M	1	74	132594	1772.2	5.92
					1	99						1	0			11.01
					100	0						75	0			8.98
	CA_66C	66	15	256QAM15M	1	0	132050	1717.8	66	20	256QAM20M	1	99	132221	1734.9	5.82
					1	74						1	0			12.02
					75	0						100	0			9.80
		66	15	256QAM15M	1	0	132325	1745.3	66	20	256QAM20M	1	99	132496	1762.4	6.00
					1	74						1	0			12.03
					75	0						100	0			9.87
		66	15	256QAM15M	1	0	132401	1752.9	66	20	256QAM20M	1	99	132572	1770	6.03
					1	74						1	0			11.02
					75	0						100	0			9.02
	CA_66C	66	20	256QAM20M	1	0	132072	1720	66	10	256QAM10M	1	49	132216	1734.4	5.92
					1	99						1	0			12.03
					100	0						50	0			9.87
		66	20	256QAM20M	1	0	132373	1750.1	66	10	256QAM10M	1	49	132517	1764.5	5.97
					1	99						1	0			12.04
					100	0						50	0			9.87
		66	20	256QAM20M	1	0	132473	1760.1	66	10	256QAM10M	1	49	132617	1774.6	6.02
					1	99						1	0			11.01
					100	0						50	0			9.04
	CA_66C	66	10	256QAM10M	1	0	132027	1715.5	66	20	256QAM20M	1	99	131171	1729.9	5.92
					1	49						1	0			11.93
					50	0						100	0			9.91
		66	10	256QAM10M	1	0	132328	1745.6	66	20	256QAM20M	1	99	132472	1760	6.03
					1	49						1	0			12.10
					50	0						100	0			9.79
		66	10	256QAM10M	1	0	132428	1755.6	66	20	256QAM20M	1	99	132572	1770	5.92
					1	49						1	0			11.08
					50	0						100	0			9.02
	CA_66C	66	20	256QAM20M	1	0	132072	1720	66	5	256QAM5M	1	24	132189	1731.7	5.91
					1	99						1	0			12.00
					100	0						25	0			9.91
		66	20	256QAM20M	1	0	132397	1752.5	66	5	256QAM5M	1	24	132514	1764.2	5.88
					1	99						1	0			12.09
					100	0						25	0			9.92
		66	20	256QAM20M	1	0	132522	1765	66	5	256QAM5M	1	24	132639	1776.7	6.00
					1	99						1	0			11.04
					100	0						25	0			9.09
	CA_66C	66	5	256QAM5M	1	0	132005	1713.3	66	20	256QAM20M	1	99	132122	1725	5.82
					1	24						1	0			12.08
					25	0						100	0			9.89
		66	5	256QAM5M	1	0	132330	1745.8	66	20	256QAM20M	1	99	132447	1757.5	5.88
					1	24						1	0			11.99
					25	0						100	0			9.89
		66	5	256QAM5M	1	0	132455	1758.3	66	20	256QAM20M	1	99	132572	1770	5.92
					1	24						1	0			11.08
					25	0						100	0			8.99

Configure	Combination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm) Total
Intra Band Contiguous	CA_66C	66	15	256QAM15M	1	0	132047	1717.5	66	20	256QAM10M	1	49	132167	1729.5	5.87
					1	74						1	0			12.00
					75	0						50	0			9.78
		66	15	256QAM15M	1	0	132373	1750.1	66	20	256QAM10M	1	49	132328	1761.1	5.92
					1	74						1	0			11.94
					75	0						50	0			9.99
		66	15	256QAM15M	1	0	132499	1762.7	66	20	256QAM10M	1	49	132619	1774.7	5.98
					1	74						1	0			11.08
					75	0						50	0			9.15
	CA_66C	66	10	256QAM10M	1	0	132025	1715.3	66	15	256QAM15M	1	74	132145	1727.3	5.93
					1	49						1	0			11.95
					50	0						75	0			9.86
		66	10	256QAM10M	1	0	132351	1747.9	66	15	256QAM15M	1	74	132471	1759.9	6.03
					1	49						1	0			12.12
					50	0						75	0			9.97
		66	10	256QAM10M	1	0	132477	1760.5	66	15	256QAM15M	1	74	132597	1772.5	6.00
					1	49						1	0			11.01
					50	0						75	0			9.08
	CA_66C	66	15	256QAM15M	1	0	132047	1717.5	66	15	256QAM15M	1	74	132197	1732.5	5.84
					1	74						1	0			12.05
					75	0						75	0			9.87
		66	15	256QAM15M	1	0	132347	1747.5	66	15	256QAM15M	1	74	132497	1762.5	5.99
					1	74						1	0			12.05
					75	0						75	0			9.84
		66	15	256QAM15M	1	0	132447	1757.5	66	15	256QAM15M	1	74	132597	1772.5	6.02
					1	74						1	0			11.10
					75	0						75	0			9.07

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	10.12	17.36	11.15	18.39	30.00
16QAM	9.29	16.24	10.32	17.27	30.00
64QAM	8.29	15.59	9.32	16.62	30.00
256QAM	5.82	12.17	6.85	13.20	30.00

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.2 Radiated Spurious Emissions below 1GHz

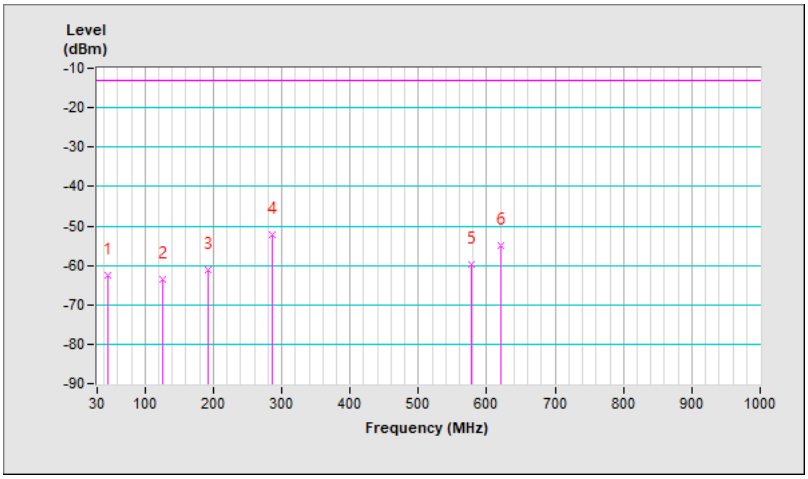
7.2.1 LTE Band 2C

RF Mode	LTE Band 2C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 18700 (1860.0MHz) + CH 18898 (1879.8MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	46.49	-62.38	-13.00	-49.38	1.50 H	314	46.01	-108.39
2	125.06	-63.49	-13.00	-50.49	1.50 H	261	46.32	-109.81
3	191.99	-61.13	-13.00	-48.13	1.50 H	250	50.16	-111.29
4	286.08	-52.37	-13.00	-39.37	1.00 H	256	55.50	-107.87
5	577.08	-59.84	-13.00	-46.84	1.00 H	44	41.19	-101.03
6	620.73	-54.83	-13.00	-41.83	1.50 H	264	45.25	-100.08

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

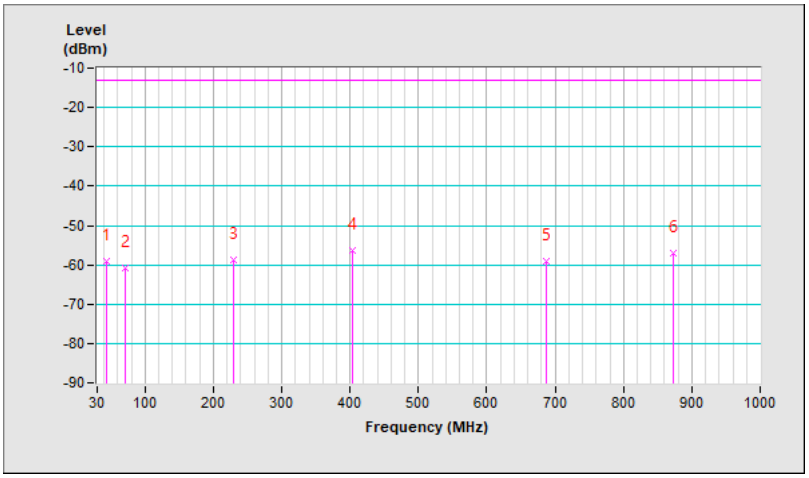


RF Mode	LTE Band 2C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 18700 (1860.0MHz) + CH 18898 (1879.8MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	43.58	-59.11	-13.00	-46.11	1.01 V	232	49.42	-108.53
2	71.71	-60.85	-13.00	-47.85	1.50 V	309	50.21	-111.06
3	229.82	-58.77	-13.00	-45.77	1.01 V	314	51.84	-110.61
4	404.42	-56.45	-13.00	-43.45	1.50 V	31	48.62	-105.07
5	686.69	-59.01	-13.00	-46.01	1.01 V	359	39.94	-98.95
6	872.93	-57.10	-13.00	-44.10	1.50 V	248	39.42	-96.52

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



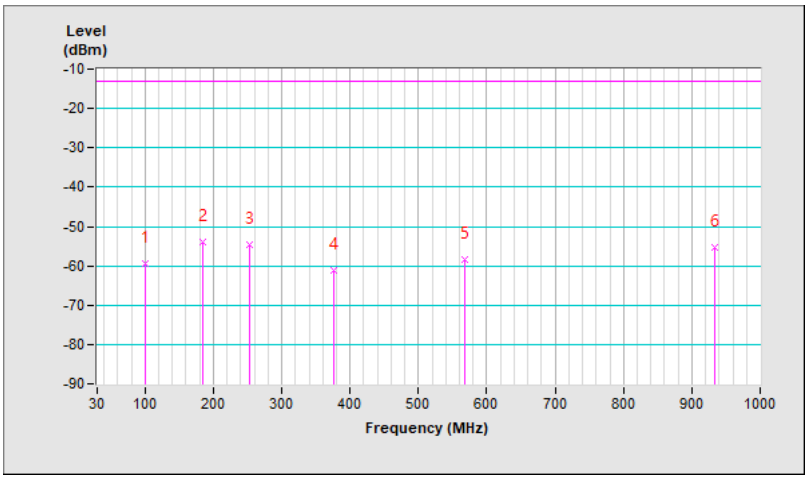
7.2.2 LTE Band 5B

RF Mode	LTE Band 5B Channel Bandwidth: 10MHz + 10MHz	Channel	CH 20450 (829.0MHz) + CH 20549 (838.9MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	99.84	-59.46	-13.00	-46.46	1.00 H	247	53.34	-112.80
2	184.23	-54.07	-13.00	-41.07	1.49 H	253	56.36	-110.43
3	252.13	-54.59	-13.00	-41.59	2.00 H	124	54.68	-109.27
4	376.29	-61.21	-13.00	-48.21	1.49 H	49	44.47	-105.68
5	568.35	-58.43	-13.00	-45.43	1.49 H	44	42.92	-101.35
6	933.07	-55.36	-13.00	-42.36	1.49 H	309	40.12	-95.48

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

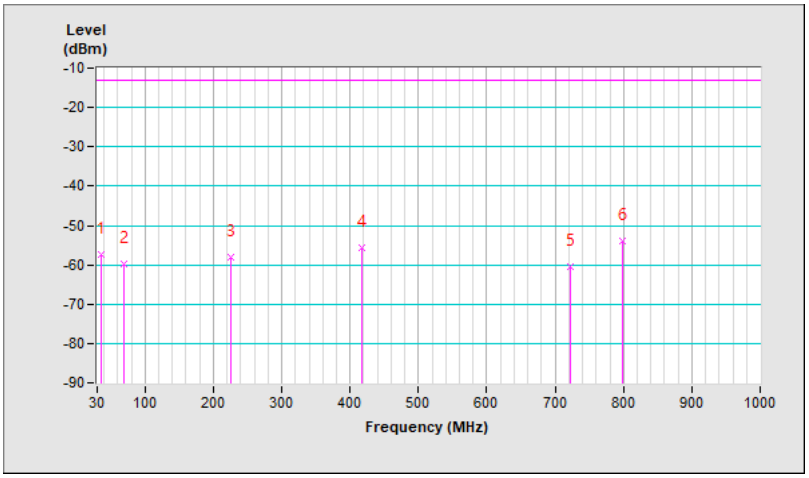


RF Mode	LTE Band 5B Channel Bandwidth: 10MHz + 10MHz	Channel	CH 20450 (829.0MHz) + CH 20549 (838.9MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36.79	-57.22	-13.00	-44.22	2.00 V	264	51.88	-109.10
2	69.77	-59.92	-13.00	-46.92	1.50 V	235	50.65	-110.57
3	225.94	-58.08	-13.00	-45.08	1.01 V	248	53.17	-111.25
4	418.00	-55.60	-13.00	-42.60	1.50 V	88	49.11	-104.71
5	721.61	-60.32	-13.00	-47.32	1.50 V	270	38.46	-98.78
6	798.24	-53.85	-13.00	-40.85	1.50 V	165	43.46	-97.31

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



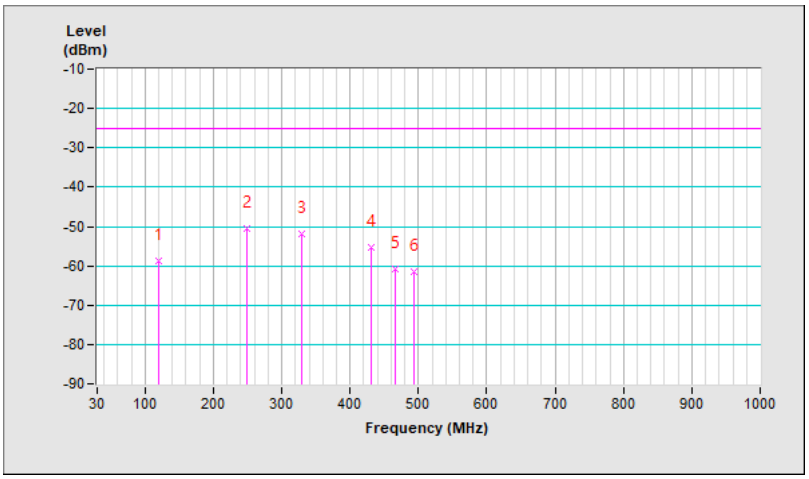
7.2.3 LTE Band 7C

RF Mode	LTE Band 7C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 21152 (2540.2MHz) + CH 21350 (2560.0MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	119.24	-58.91	-25.00	-33.91	1.50 H	290	51.52	-110.43
2	248.25	-50.58	-25.00	-25.58	1.01 H	214	58.78	-109.36
3	328.76	-51.81	-25.00	-26.81	1.01 H	66	54.74	-106.55
4	430.61	-55.40	-25.00	-30.40	2.00 H	18	48.75	-104.15
5	465.53	-60.98	-25.00	-35.98	1.01 H	79	42.24	-103.22
6	493.66	-61.36	-25.00	-36.36	1.50 H	19	41.65	-103.01

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

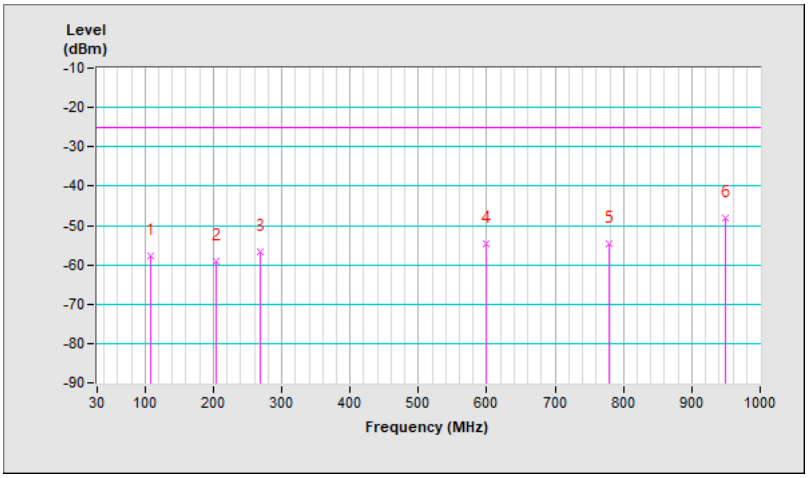


RF Mode	LTE Band 7C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 21152 (2540.2MHz) + CH 21350 (2560.0MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	108.57	-57.88	-25.00	-32.88	2.00 V	332	53.57	-111.45
2	204.60	-59.16	-25.00	-34.16	1.00 V	166	52.40	-111.56
3	268.62	-56.63	-25.00	-31.63	1.49 V	183	51.97	-108.60
4	598.42	-54.80	-25.00	-29.80	1.00 V	317	45.49	-100.29
5	778.84	-54.47	-25.00	-29.47	1.00 V	241	42.87	-97.34
6	948.59	-48.08	-25.00	-23.08	1.00 V	342	47.11	-95.19

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



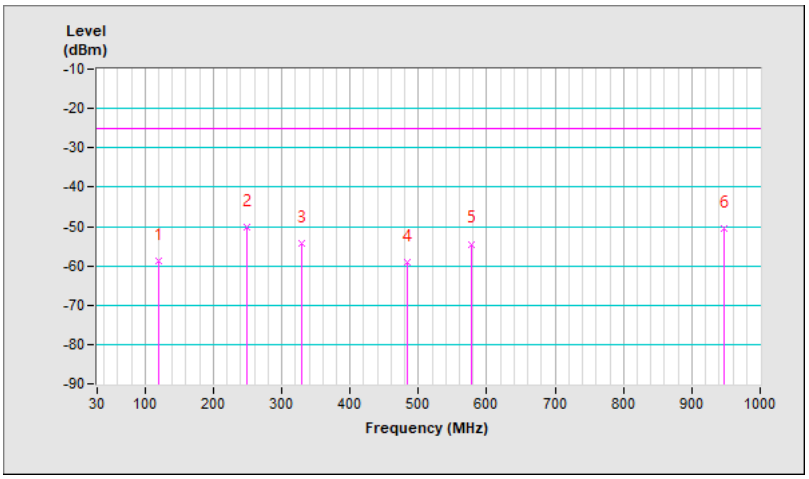
7.2.4 LTE Band 38C

RF Mode	LTE Band 38C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 37850 (2580.0MHz) + CH 38048 (2599.8MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	120.21	-58.66	-25.00	-33.66	2.00 H	276	51.66	-110.32
2	249.22	-50.28	-25.00	-25.28	1.00 H	220	59.06	-109.34
3	329.73	-54.26	-25.00	-29.26	1.00 H	247	52.27	-106.53
4	483.96	-59.06	-25.00	-34.06	1.49 H	21	44.04	-103.10
5	577.08	-54.46	-25.00	-29.46	1.49 H	308	46.57	-101.03
6	946.65	-50.49	-25.00	-25.49	1.49 H	356	44.73	-95.22

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

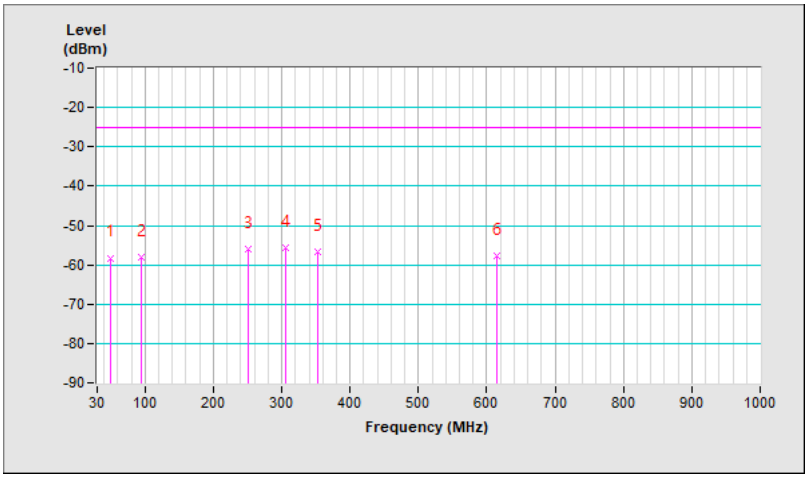


RF Mode	LTE Band 38C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 37850 (2580.0MHz) + CH 38048 (2599.8MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	50.37	-58.24	-25.00	-33.24	1.01 V	58	50.13	-108.37
2	94.02	-58.08	-25.00	-33.08	1.01 V	159	55.69	-113.77
3	250.19	-56.08	-25.00	-31.08	1.50 V	198	53.22	-109.30
4	305.48	-55.71	-25.00	-30.71	1.50 V	168	51.64	-107.35
5	352.04	-56.55	-25.00	-31.55	1.01 V	89	49.87	-106.42
6	613.94	-57.76	-25.00	-32.76	2.00 V	321	42.39	-100.15

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



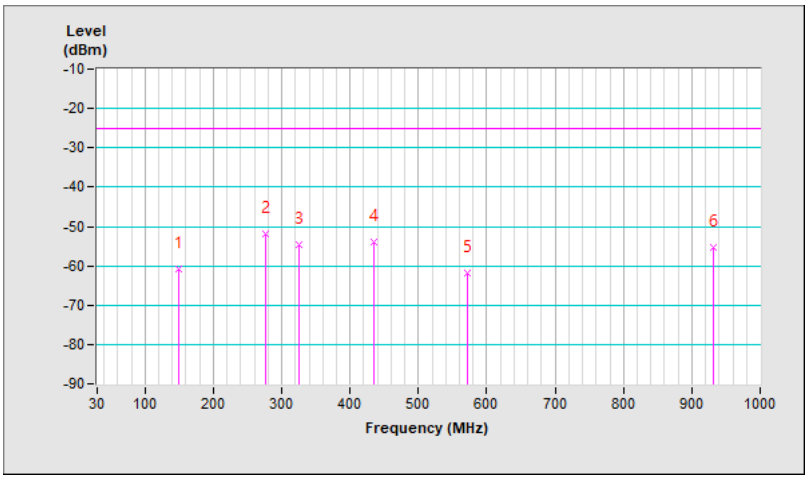
7.2.5 LTE Band 41C

RF Mode	LTE Band 41C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 41292 (2660.2MHz) + CH 41490 (2680.0MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	149.31	-60.67	-25.00	-35.67	1.50 H	277	47.43	-108.10
2	276.38	-51.82	-25.00	-26.82	1.01 H	234	56.38	-108.20
3	324.88	-54.60	-25.00	-29.60	1.01 H	58	52.05	-106.65
4	435.46	-53.92	-25.00	-28.92	1.01 H	34	50.00	-103.92
5	571.26	-61.68	-25.00	-36.68	2.00 H	219	39.56	-101.24
6	932.10	-55.25	-25.00	-30.25	1.50 H	358	40.23	-95.48

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

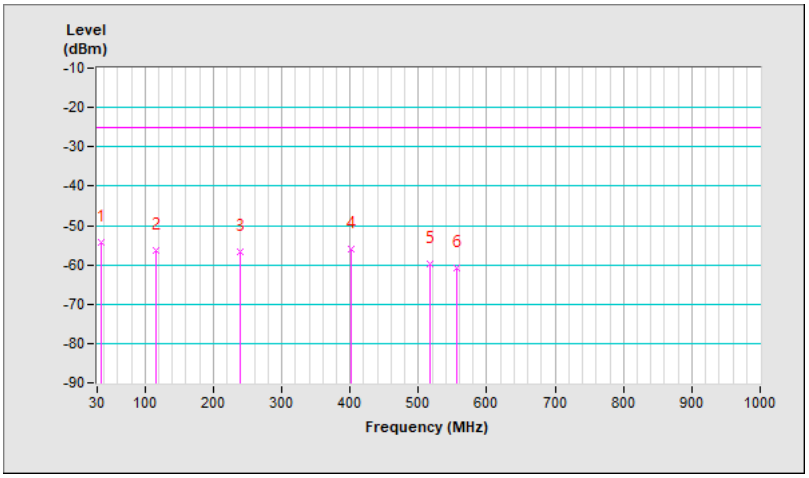


RF Mode	LTE Band 41C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 41292 (2660.2MHz) + CH 41490 (2680.0MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36.79	-54.21	-25.00	-29.21	1.50 V	293	54.89	-109.10
2	116.33	-56.43	-25.00	-31.43	1.01 V	127	54.32	-110.75
3	238.55	-56.82	-25.00	-31.82	1.01 V	26	52.94	-109.76
4	402.48	-56.16	-25.00	-31.16	1.01 V	84	48.95	-105.11
5	516.94	-59.85	-25.00	-34.85	2.00 V	39	42.65	-102.50
6	555.74	-60.83	-25.00	-35.83	1.01 V	2	40.92	-101.75

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



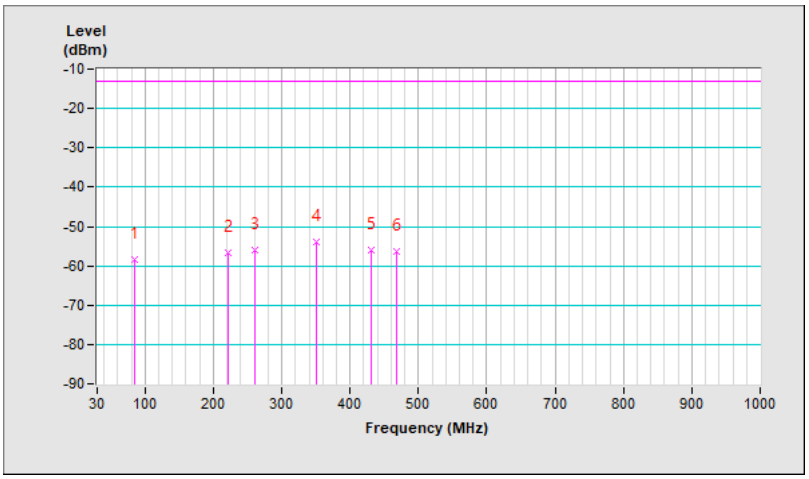
7.2.6 LTE Band 42C (3.45 GHz ~ 3.55 GHz)

RF Mode	LTE Band 42C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 42791 (3520.1MHz) + CH 42990 (3540.0MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	84.32	-58.26	-13.00	-45.26	1.50 H	189	55.72	-113.98
2	221.09	-56.65	-13.00	-43.65	1.01 H	267	54.88	-111.53
3	260.86	-55.97	-13.00	-42.97	1.01 H	44	53.00	-108.97
4	351.07	-53.90	-13.00	-40.90	1.01 H	217	52.53	-106.43
5	431.58	-56.14	-13.00	-43.14	2.00 H	18	47.97	-104.11
6	467.47	-56.40	-13.00	-43.40	1.01 H	219	46.81	-103.21

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

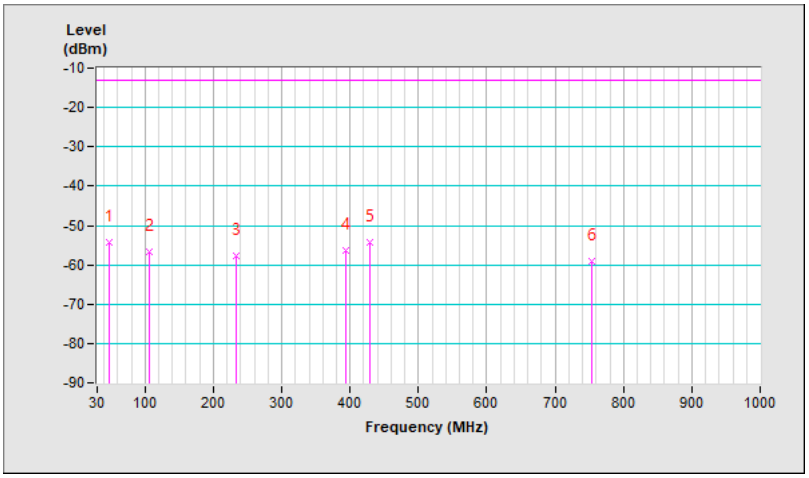


RF Mode	LTE Band 42C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 42791 (3520.1MHz) + CH 42990 (3540.0MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	48.43	-54.43	-13.00	-41.43	2.00 V	49	53.88	-108.31
2	106.63	-56.75	-13.00	-43.75	1.00 V	272	55.00	-111.75
3	233.70	-57.68	-13.00	-44.68	1.00 V	357	52.45	-110.13
4	393.75	-56.38	-13.00	-43.38	1.49 V	59	48.88	-105.26
5	429.64	-54.30	-13.00	-41.30	1.00 V	357	49.91	-104.21
6	752.65	-58.97	-13.00	-45.97	1.00 V	298	38.85	-97.82

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



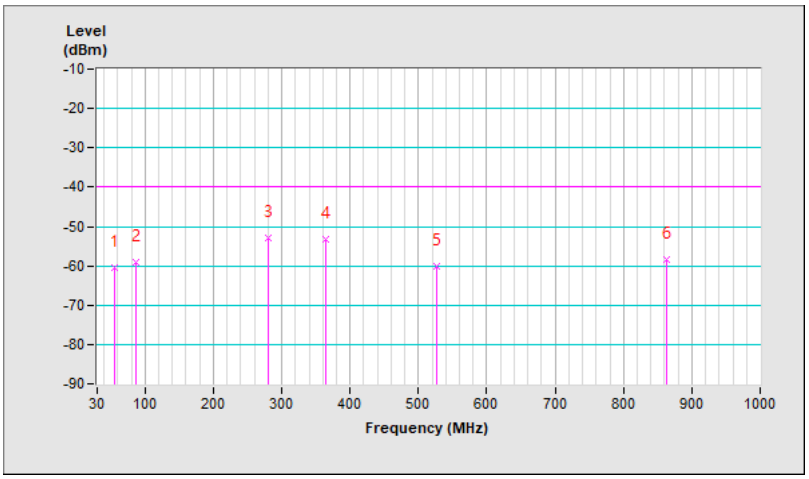
7.2.7 LTE Band 48C

RF Mode	LTE Band 48C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 55891 (3615.1MHz) + CH 56089 (3634.9MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	56.22	-60.41	-40.00	-20.41	1.49 H	262	48.26	-108.67
2	85.77	-59.06	-40.00	-19.06	1.49 H	92	55.11	-114.17
3	**280.40**	**-52.78**	**-40.00**	**-12.78**	**2.00 H**	**86**	**55.24**	**-108.02**
4	363.85	-53.41	-40.00	-13.41	2.00 H	116	52.72	-106.13
5	526.86	-60.30	-40.00	-20.30	1.49 H	268	42.01	-102.31
6	862.63	-58.45	-40.00	-18.45	1.00 H	325	38.33	-96.78

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

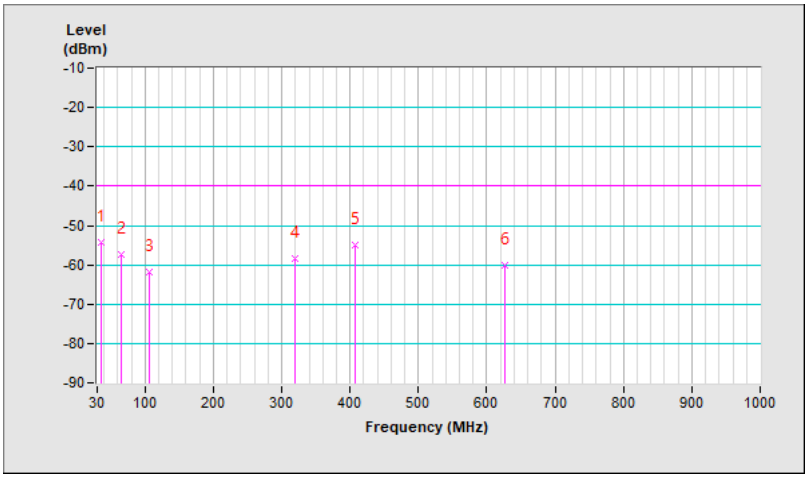


RF Mode	LTE Band 48C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 55891 (3615.1MHz) + CH 56089 (3634.9MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	35.82	-54.34	-40.00	-14.34	2.00 V	307	55.02	-109.36
2	64.92	-57.32	-40.00	-17.32	1.01 V	16	52.69	-110.01
3	106.63	-61.73	-40.00	-21.73	1.01 V	131	50.02	-111.75
4	320.03	-58.29	-40.00	-18.29	1.50 V	353	48.53	-106.82
5	407.33	-55.06	-40.00	-15.06	1.01 V	150	49.96	-105.02
6	625.58	-60.09	-40.00	-20.09	1.01 V	50	39.94	-100.03

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



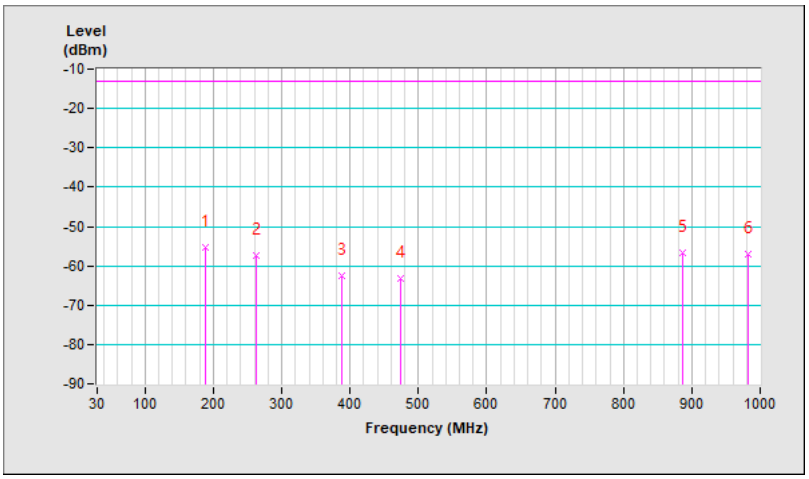
7.2.8 LTE Band 66B

RF Mode	LTE Band 66B Channel Bandwidth: 10MHz + 10MHz	Channel	CH 132373 (1750.1MHz) + CH 132472 (1760.0MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	189.08	-55.41	-13.00	-42.41	2.00 H	241	55.62	-111.03
2	261.83	-57.31	-13.00	-44.31	1.49 H	209	51.62	-108.93
3	386.96	-62.69	-13.00	-49.69	1.00 H	50	42.73	-105.42
4	474.26	-63.35	-13.00	-50.35	1.00 H	176	39.80	-103.15
5	887.48	-56.79	-13.00	-43.79	1.49 H	149	39.41	-96.20
6	982.54	-56.97	-13.00	-43.97	1.49 H	155	37.49	-94.46

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

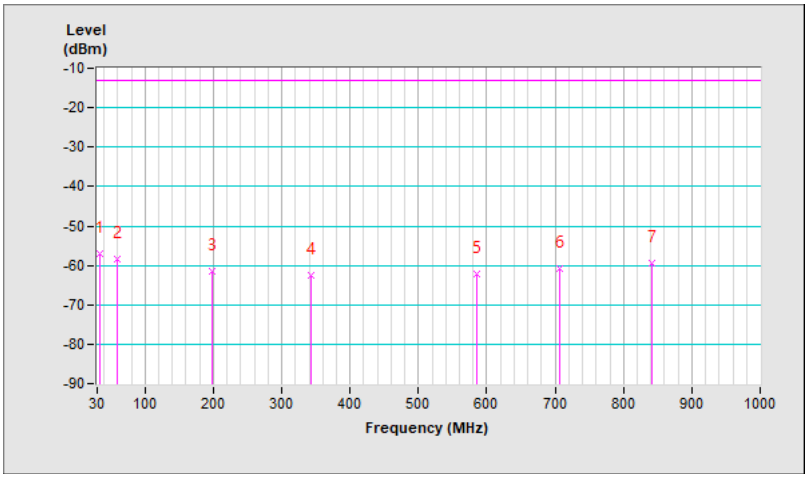


RF Mode	LTE Band 66B Channel Bandwidth: 10MHz + 10MHz	Channel	CH 132373 (1750.1MHz) + CH 132472 (1760.0MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	33.88	-57.01	-13.00	-44.01	2.00 V	142	52.43	-109.44
2	59.10	-58.47	-13.00	-45.47	1.01 V	138	50.44	-108.91
3	198.78	-61.64	-13.00	-48.64	1.01 V	144	49.93	-111.57
4	343.31	-62.63	-13.00	-49.63	1.01 V	45	43.87	-106.50
5	585.81	-62.04	-13.00	-49.04	1.50 V	72	38.68	-100.72
6	707.06	-60.77	-13.00	-47.77	1.01 V	134	38.06	-98.83
7	841.89	-59.43	-13.00	-46.43	1.01 V	120	37.62	-97.05

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



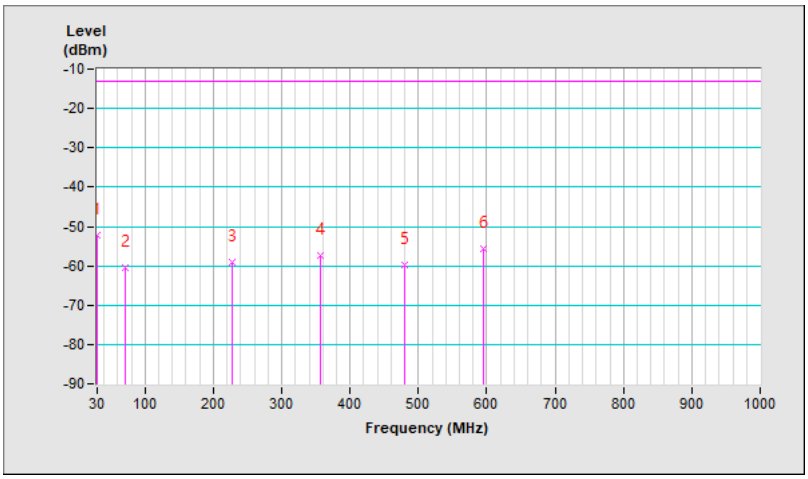
7.2.9 LTE Band 66C

RF Mode	LTE Band 66C Channel Bandwidth: 20MHz + 20MHz	Channel	132323 (1745.1MHz) + CH 132521 (1764.9MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.00	-52.14	-13.00	-39.14	1.00 H	216	57.35	-109.49
2	71.71	-60.61	-13.00	-47.61	1.49 H	110	50.45	-111.06
3	226.91	-59.16	-13.00	-46.16	1.00 H	264	51.93	-111.09
4	356.89	-57.37	-13.00	-44.37	1.00 H	218	48.98	-106.35
5	480.08	-59.76	-13.00	-46.76	2.00 H	161	43.33	-103.09
6	595.51	-55.59	-13.00	-42.59	2.00 H	318	44.80	-100.39

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

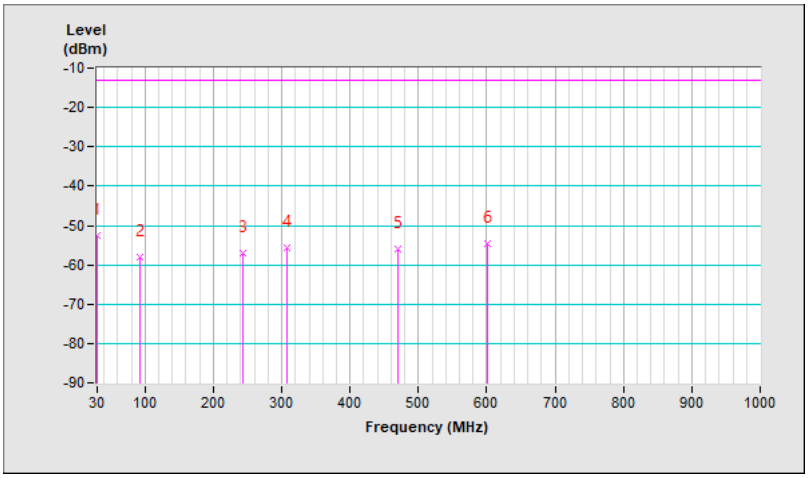


RF Mode	LTE Band 66C Channel Bandwidth: 20MHz + 20MHz	Channel	132323 (1745.1MHz) + CH 132521 (1764.9MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.00	-52.44	-13.00	-39.44	1.50 V	185	57.05	-109.49
2	93.05	-58.18	-13.00	-45.18	1.01 V	152	55.64	-113.82
3	243.40	-56.92	-13.00	-43.92	1.01 V	297	52.61	-109.53
4	307.42	-55.70	-13.00	-42.70	2.00 V	135	51.55	-107.25
5	470.38	-56.16	-13.00	-43.16	1.01 V	153	47.02	-103.18
6	601.33	-54.64	-13.00	-41.64	2.00 V	23	45.60	-100.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



7.3 Radiated Spurious Emissions above 1GHz

7.3.1 LTE Band 2C

RF Mode	LTE Band 2C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 18700 (1860.0MHz) + CH 18898 (1879.8MHz)
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 71% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3720.00	-47.93	-13.00	-34.93	1.50 H	124	46.60	-94.53
2	3759.60	-48.09	-13.00	-35.09	1.47 H	122	46.12	-94.21
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3720.00	-47.03	-13.00	-34.03	1.69 V	200	47.50	-94.53
2	3759.60	-47.05	-13.00	-34.05	1.66 V	206	47.16	-94.21

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 2C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 18801 (1870.1MHz) + CH 18999 (1889.9MHz)
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 71% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3740.20	-47.91	-13.00	-34.91	1.44 H	127	46.44	-94.35
2	3779.80	-47.77	-13.00	-34.77	1.44 H	127	46.34	-94.11
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3740.20	-47.07	-13.00	-34.07	1.66 V	203	47.28	-94.35
2	3779.80	-46.86	-13.00	-33.86	1.60 V	208	47.25	-94.11

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 2C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 18902 (1880.2MHz) + CH 19100 (1900.0MHz)
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 71% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3760.40	-47.99	-13.00	-34.99	1.42 H	122	46.22	-94.21
2	3800.00	-47.95	-13.00	-34.95	1.48 H	136	46.08	-94.03
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3760.40	-46.95	-13.00	-33.95	1.69 V	199	47.26	-94.21
2	3800.00	-46.90	-13.00	-33.90	1.62 V	205	47.13	-94.03

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.2 LTE Band 5B

RF Mode	LTE Band 5B Channel Bandwidth: 10MHz + 10MHz	Channel	CH 20450 (829.0MHz) + CH 20549 (838.9MHz)
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 71% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1658.00	-57.27	-13.00	-44.27	1.92 H	300	44.00	-101.27
2	1677.80	-57.41	-13.00	-44.41	1.98 H	302	43.75	-101.16
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1658.00	-56.66	-13.00	-43.66	2.55 V	92	44.61	-101.27
2	1677.80	-56.84	-13.00	-43.84	2.49 V	88	44.32	-101.16

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 5B Channel Bandwidth: 10MHz + 10MHz	Channel	CH 20476 (831.6MHz) + CH 20575 (841.5MHz)
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 71% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1663.20	-57.26	-13.00	-44.26	1.98 H	296	43.98	-101.24
2	1683.00	-57.44	-13.00	-44.44	2.00 H	305	43.69	-101.13
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1663.20	-57.01	-13.00	-44.01	2.56 V	93	44.23	-101.24
2	1683.00	-57.12	-13.00	-44.12	2.60 V	95	44.01	-101.13

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 5B Channel Bandwidth: 10MHz + 10MHz	Channel	CH 20501 (834.1MHz) + CH 20600 (844.0MHz)
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 71% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1668.20	-57.21	-13.00	-44.21	1.99 H	298	43.99	-101.20
2	1688.00	-57.41	-13.00	-44.41	1.92 H	291	43.69	-101.10
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1668.20	-56.75	-13.00	-43.75	2.51 V	101	44.45	-101.20
2	1688.00	-56.96	-13.00	-43.96	2.66 V	93	44.14	-101.10

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

7.3.3 LTE Band 7C

RF Mode	LTE Band 7C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 20850 (2510.0MHz) + CH 21048 (2529.8MHz)
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 71% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5020.00	-45.77	-25.00	-20.77	2.41 H	196	45.90	-91.67
2	5059.60	-45.96	-25.00	-20.96	2.39 H	191	45.63	-91.59
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5020.00	-45.37	-25.00	-20.37	2.07 V	114	46.30	-91.67
2	5059.60	-45.47	-25.00	-20.47	2.00 V	119	46.12	-91.59

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 7C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 21001 (2525.1MHz) + CH 21199 (2544.9MHz)
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 71% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5050.20	-45.88	-25.00	-20.88	2.40 H	195	45.76	-91.64
2	5089.80	-45.98	-25.00	-20.98	2.41 H	193	45.46	-91.44
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5050.20	-45.15	-25.00	-20.15	2.06 V	123	46.49	-91.64
2	5089.80	-45.18	-25.00	-20.18	2.06 V	123	46.26	-91.44

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 7C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 21152 (2540.2MHz) + CH 21350 (2560.0MHz)
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 71% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5080.40	-45.80	-25.00	-20.80	2.33 H	191	45.69	-91.49
2	5120.00	-45.94	-25.00	-20.94	2.45 H	199	45.34	-91.28
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5080.40	-45.45	-25.00	-20.45	2.09 V	111	46.04	-91.49
2	5120.00	-45.36	-25.00	-20.36	2.03 V	119	45.92	-91.28

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.4 LTE Band 38C

RF Mode	LTE Band 38C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 37850 (2580.0MHz) + CH 38048 (2599.8MHz)
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 71% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5160.00	-44.95	-25.00	-19.95	2.43 H	222	46.21	-91.16
2	5199.60	-45.17	-25.00	-20.17	2.40 H	226	46.01	-91.18
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5160.00	-44.05	-25.00	-19.05	1.96 V	327	47.11	-91.16
2	5199.60	-44.20	-25.00	-19.20	1.99 V	333	46.98	-91.18

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 38C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 37901 (2585.1MHz) + CH 38099 (2604.9MHz)
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 71% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5170.20	-45.02	-25.00	-20.02	2.41 H	231	46.14	-91.16
2	5209.80	-45.25	-25.00	-20.25	2.33 H	236	45.97	-91.22
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5170.20	-43.93	-25.00	-18.93	1.91 V	302	47.23	-91.16
2	5209.80	-44.23	-25.00	-19.23	1.93 V	298	46.99	-91.22

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 38C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 37952 (2590.2MHz) + CH 38150 (2610.0MHz)
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 71% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5180.40	-44.83	-25.00	-19.83	2.47 H	236	46.34	-91.17
2	5220.00	-45.19	-25.00	-20.19	2.44 H	222	46.08	-91.27
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5180.40	-43.82	-25.00	-18.82	1.93 V	300	47.35	-91.17
2	5220.00	-44.01	-25.00	-19.01	2.01 V	305	47.26	-91.27

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.5 LTE Band 41C

RF Mode	LTE Band 41C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 39750 (2506.0MHz) + CH 39948 (2525.8MHz)
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 71% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5012.00	-45.11	-25.00	-20.11	2.02 H	180	46.55	-91.66
2	5051.60	-45.23	-25.00	-20.23	2.01 H	188	46.41	-91.64
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5012.00	-44.25	-25.00	-19.25	1.89 V	300	47.41	-91.66
2	5051.60	-44.26	-25.00	-19.26	1.90 V	306	47.38	-91.64

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 41C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 40521 (2583.1MHz) + CH 40719 (2602.9MHz)
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 71% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5166.20	-44.60	-25.00	-19.60	2.08 H	195	46.55	-91.15
2	5205.80	-44.73	-25.00	-19.73	2.00 H	181	46.47	-91.20
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5166.20	-43.76	-25.00	-18.76	1.95 V	298	47.39	-91.15
2	5205.80	-43.87	-25.00	-18.87	1.93 V	304	47.33	-91.20

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 41C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 41292 (2660.2MHz) + CH 41490 (2680.0MHz)
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 71% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5320.40	-45.26	-25.00	-20.26	2.06 H	201	46.25	-91.51
2	5360.00	-45.42	-25.00	-20.42	1.96 H	189	46.00	-91.42
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5320.40	-44.17	-25.00	-19.17	1.96 V	289	47.34	-91.51
2	5360.00	-44.19	-25.00	-19.19	1.83 V	296	47.23	-91.42

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.6 LTE Band 42C (3.45 GHz ~ 3.55 GHz)

RF Mode	LTE Band 42C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 42190 (3460.0MHz) + CH 42388 (3479.8MHz)
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 71% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6920.00	-40.11	-13.00	-27.11	3.60 H	100	45.97	-86.08
2	6959.60	-40.34	-13.00	-27.34	3.44 H	104	45.69	-86.03
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6920.00	-39.77	-13.00	-26.77	3.44 V	180	46.31	-86.08
2	6959.60	-39.90	-13.00	-26.90	3.41 V	176	46.13	-86.03

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 42C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 42491 (3490.1MHz) + CH 42689 (3509.9MHz)
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 71% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6980.00	-40.23	-13.00	-27.23	3.25 H	106	45.87	-86.10
2	7019.60	-40.42	-13.00	-27.42	3.21 H	101	45.67	-86.09
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6980.00	-39.81	-13.00	-26.81	3.60 V	197	46.29	-86.10
2	7019.60	-39.85	-13.00	-26.85	3.66 V	204	46.24	-86.09

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 42C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 42791 (3520.1MHz) + CH 42990 (3540.0MHz)
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 71% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7040.40	-40.04	-13.00	-27.04	3.47 H	108	45.97	-86.01
2	7080.00	-39.87	-13.00	-26.87	3.44 H	99	45.90	-85.77
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7040.40	-39.68	-13.00	-26.68	3.52 V	186	46.33	-86.01
2	7080.00	-39.58	-13.00	-26.58	3.70 V	200	46.19	-85.77

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.7 LTE Band 48C

RF Mode	LTE Band 48C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 55340 (3560.0MHz) + CH 55538 (3579.8MHz)
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 71% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7120.00	-42.11	-40.00	-2.11	3.68 H	120	43.59	-85.70
2	7159.60	-42.26	-40.00	-2.26	3.47 H	116	43.50	-85.76
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7120.00	-41.75	-40.00	-1.75	3.42 V	183	43.95	-85.70
2	7159.60	-42.02	-40.00	-2.02	3.33 V	190	43.74	-85.76

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 48C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 55891 (3615.1MHz) + CH 56089 (3634.9MHz)
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 71% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7230.20	-42.28	-40.00	-2.28	3.78 H	107	43.30	-85.58
2	7269.80	-42.35	-40.00	-2.35	3.71 H	106	43.16	-85.51
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	**7230.20**	**-41.48**	**-40.00**	**-1.48**	**3.32 V**	**188**	**44.10**	**-85.58**
2	7269.80	-41.65	-40.00	-1.65	3.29 V	179	43.86	-85.51

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 48C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 56442 (3670.2MHz) + CH 56640 (3690.0MHz)
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 71% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7340.40	-42.33	-40.00	-2.33	3.71 H	112	43.42	-85.75
2	7380.00	-42.36	-40.00	-2.36	3.72 H	101	43.34	-85.70
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7340.40	-41.92	-40.00	-1.92	3.46 V	190	43.83	-85.75
2	7380.00	-42.07	-40.00	-2.07	3.44 V	199	43.63	-85.70

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.8 LTE Band 66B

RF Mode	LTE Band 66B Channel Bandwidth: 10MHz + 10MHz	Channel	CH 132022 (1715.0MHz) + CH 132121 (1724.9MHz)
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 71% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3430.00	-41.44	-13.00	-28.44	3.31 H	28	54.32	-95.76
2	3449.80	-41.48	-13.00	-28.48	3.33 H	25	54.23	-95.71
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3430.00	-40.75	-13.00	-27.75	3.39 V	102	55.01	-95.76
2	3449.80	-40.95	-13.00	-27.95	3.40 V	109	54.76	-95.71

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 66B Channel Bandwidth: 10MHz + 10MHz	Channel	CH 132373 (1750.1MHz) + CH 132472 (1760.0MHz)
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 71% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3500.20	-41.38	-13.00	-28.38	3.29 H	31	54.33	-95.71
2	3520.00	-41.45	-13.00	-28.45	3.40 H	36	54.19	-95.64
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3500.20	-40.85	-13.00	-27.85	3.49 V	99	54.86	-95.71
2	3520.00	-40.85	-13.00	-27.85	3.52 V	106	54.79	-95.64

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 66B Channel Bandwidth: 10MHz + 10MHz	Channel	CH 132523 (1765.1MHz) + CH 132622 (1775.0MHz)
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 71% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3530.20	-41.11	-13.00	-28.11	3.36 H	40	54.48	-95.59
2	3550.00	-41.26	-13.00	-28.26	3.41 H	30	54.26	-95.52
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3530.20	-40.67	-13.00	-27.67	3.48 V	104	54.92	-95.59
2	3550.00	-40.65	-13.00	-27.65	3.48 V	96	54.87	-95.52

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.9 LTE Band 66C

RF Mode	LTE Band 66C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 132072 (1720.0MHz) + CH 132270 (1739.8MHz)
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 71% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3440.00	-41.32	-13.00	-28.32	3.40 H	36	54.41	-95.73
2	3479.60	-41.40	-13.00	-28.40	3.44 H	32	54.32	-95.72
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3440.00	-40.84	-13.00	-27.84	3.50 V	99	54.89	-95.73
2	3479.60	-41.00	-13.00	-28.00	3.59 V	102	54.72	-95.72

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 66C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 132323 (1745.1MHz) + CH 132521 (1764.9MHz)
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 71% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3490.20	-41.24	-13.00	-28.24	3.29 H	26	54.48	-95.72
2	3529.80	-41.32	-13.00	-28.32	3.30 H	36	54.27	-95.59
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3490.20	-40.61	-13.00	-27.61	3.47 V	106	55.11	-95.72
2	3529.80	-40.67	-13.00	-27.67	3.51 V	100	54.92	-95.59

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 66C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 132374 (1750.2MHz) + CH 132572 (1770.0MHz)
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 71% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3500.40	-41.15	-13.00	-28.15	3.21 H	31	54.56	-95.71
2	3540.00	-41.15	-13.00	-28.15	3.33 H	32	54.41	-95.56
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3500.40	-40.39	-13.00	-27.39	3.42 V	103	55.32	-95.71
2	3540.00	-40.29	-13.00	-27.29	3.48 V	101	55.27	-95.56

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

9 Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

Lin Kou EMC/RF Lab
Tel: 886-2-26052180
Fax: 886-2-26051924

Hsin Chu EMC/RF/Telecom Lab
Tel: 886-3-6668565
Fax: 886-3-6668323

Hwa Ya EMC/RF/Safety Lab
Tel: 886-3-3183232
Fax: 886-3-3270892

Email: service.adt@bureauveritas.com
Web Site: http://ee.bureauveritas.com.tw

The address and road map of all our labs can be found in our web site also.

--- END ---