

FCC Test Report (Spot Check: Part 27: CA mode)

Report No.: RF200109E02E-6

FCC ID: 2AQ68T99W175M

Original FCC ID: 2AQ68T99W175

Test Model: T99W175M

Received Date: May 29, 2020

Test Date: Jul. 03 ~ Aug. 02, 2020

Issued Date: Aug. 10, 2020

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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
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FCC Registration / 788550 / TW0003

Designation Number:



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Release Control Record

Issue No.	Description	Date Issued
RF200109E02E-6	Original release	Aug. 10, 2020

1 Certificate of Conformity

Product: 5G WWAN Module

Brand: Foxconn

Test Model: T99W175M

Sample Status: Engineering Sample

Applicant: Hon Lin Technology Co., Ltd.

Test Date: Jul. 03 ~ Aug. 02, 2020

Standards: FCC Part 27, Subpart C, M, L

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.

Prepared by : Pettie Chen , **Date:** Aug. 10, 2020
Pettie Chen / Senior Specialist

Approved by : Bruce Chen , **Date:** Aug. 10, 2020
Bruce Chen / Senior Project Engineer

2 Summary of Test Results

Applied Standard: FCC Part 27 & Part 2				
FCC Clause		Test Item	Result	Remarks
LTE B7 / LTE B38 / LTE B41	LTE B66			
2.1046 27.50 (h)(2)	2.1046 27.50 (d)(4)	Equivalent Isotropically Radiated Power	Pass	Meet the requirement of limit.
2.1053 27.53 (m)(4)(6)	2.1053 27.53(h)	Radiated Spurious Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -15.4dB at 93.26MHz.

Note: 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:

Measurement	Frequency	Expanded Uncertainty (k=2) ($\pm$)
Radiated Emissions up to 1 GHz	9kHz ~ 30MHz	3.04 dB
	30MHz ~ 200MHz	3.63 dB
	200MHz ~ 1000MHz	3.64 dB
Radiated Emissions above 1 GHz	1GHz ~ 18GHz	2.29 dB
	18GHz ~ 40GHz	2.29 dB

2.2 Test Site and Instruments

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Test Receiver KEYSIGHT	N9038A	MY55420137	Apr. 16, 2020	Apr. 15, 2021
Spectrum Analyzer ROHDE & SCHWARZ	FSP40	100039	Jun. 12, 2020	Jun. 11, 2021
BILOG Antenna SCHWARZBECK	VULB9168	9168-160	Nov. 07, 2019	Nov. 06, 2020
HORN Antenna SCHWARZBECK	BBHA 9120 D	9120D-1169	Nov. 24, 2019	Nov. 23, 2020
HORN Antenna SCHWARZBECK	BBHA 9170	BBHA9170241	Nov. 24, 2019	Nov. 23, 2020
Preamplifier Agilent (Below 1GHz)	8447D	2944A10638	Jun. 08, 2020	Jun. 07, 2021
Preamplifier Agilent (Above 1GHz)	8449B	3008A02367	Feb. 18, 2020	Feb. 17, 2021
RF signal cable HUBER+SUHNER&EMCI	SUCOFLEX 104 & EMC104-SM-SM80 00	CABLE-CH9-02 (248780+171006)	Jan. 18, 2020	Jan. 17, 2021
RF signal cable HUBER+SUHNER	SUCOFLEX 104	CABLE-CH9-(250795/4)	Jan. 18, 2020	Jan. 17, 2021
RF signal cable Woken	8D-FB	Cable-CH9-01	Jun. 08, 2020	Jun. 07, 2021
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	NA	NA	NA
Antenna Tower EMCO	2070/2080	512.835.4684	NA	NA
Turn Table EMCO	2087-2.03	NA	NA	NA
Antenna Tower & Turn BV ADT	AT100	AT93021705	NA	NA
Turn Table BV ADT	TT100	TT93021705	NA	NA
Turn Table Controller BV ADT	SC100	SC93021705	NA	NA
Boresight Antenna Fixture	FBA-01	FBA-SIP01	NA	NA
WIT Standard Temperature And Humidity Chamber	TH-4S-C	W981030	Jun. 01, 2020	May 31, 2021
JFW 20dB attenuation	50HF-020-SMA	NA	NA	NA
True RMS Clamp Meter Fluke	325	31130711WS	Jun. 06, 2020	Jun. 05, 2021
DC power supply	U8002A	MY56330015	NA	NA

Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in HwaYa Chamber 9.

3 General Information

3.1 General Description of EUT

Product	5G WWAN Module				
Brand	Foxconn				
Test Model	T99W175M				
Status of EUT	Engineering Sample				
Power Supply Rating	5 Vdc (Host equipment) 3.135Vdc~3.63Vdc (Module)				
Modulation Type	LTE: QPSK, 16QAM, 64QAM, 256QAM				
Operating Frequency	LTE Band 7C	2507.8MHz ~ 2560.0MHz			
	LTE Band 38C	2580.0MHz ~ 2610.0MHz			
	LTE Band 41C	2506.0MHz ~ 2680.0MHz			
	LTE Band 66C	1720.0MHz ~ 1770.0MHz			
	LTE Band 66B	1715.0MHz ~ 1775.0MHz			
Max. EIRP Power		QPSK	16QAM	64QAM	256QAM
	LTE Band 7C (15MHz+20MHz)	719.449mW (28.57dBm)	635.331mW (28.03dBm)	578.096mW (27.62dBm)	496.592mW (26.96dBm)
	LTE Band 7C (20MHz+20MHz)	696.627mW (28.43dBm)	594.292mW (27.74dBm)	430.527mW (26.34dBm)	437.522mW (26.41dBm)
	LTE Band 38C (20MHz+20MHz)	1030.386mW (30.13dBm)	893.305mW (29.51dBm)	807.235mW (29.07dBm)	660.693mW (28.20dBm)
	LTE Band 41C (20MHz+20MHz)	1020.939mW (30.09dBm)	1009.253mW (30.04dBm)	993.116mW (29.97dBm)	790.679mW (28.98dBm)
	LTE Band 66C (20MHz+20MHz)	722.770mW (28.59dBm)	642.688mW (28.08dBm)	592.925mW (27.73dBm)	456.037mW (26.59dBm)
	LTE Band 66B (10MHz+10MHz)	674.528mW (28.29dBm)	598.412mW (27.77dBm)	561.048mW (27.49dBm)	467.735mW (26.70dBm)
Emission Designator	LTE Band 7C (15MHz+20MHz)	32M5G7D	32M5D7W	32M6D7W	32M6D7W
	LTE Band 38C (20MHz+20MHz)	37M5G7D	37M4D7W	37M4D7W	37M5D7W
	LTE Band 41C (20MHz+20MHz)	37M4G7D	37M5D7W	37M5D7W	37M5D7W
	LTE Band 66C (20MHz+20MHz)	37M4G7D	37M4D7W	37M4D7W	37M4D7W
	LTE Band 66B (10MHz+10MHz)	18M8G7D	18M8D7W	18M8D7W	18M8D7W
Antenna Type	Refer to Note as below				
Antenna Connector	Refer to Note as below				
Accessory Device	NA				
Cable Supplied	NA				

Note:

1. This report is a supplementary report to the original BV CPS report no.: RF200109E02B-6. The difference compared with original report is only adding mmWave hardware, mmWave function is disabled by software. Exhibit prepared for FCC Spot Check Verification report, the format, test items and amount of spot-check test data are decided by applicant's engineering judgment, for more details please refer to declaration letter exhibit. Radiated emission and output power verification worst test refer to original report.

2. There are four Difference HW of T99W175M.

Brand	Model	HW
Foxconn	T99W175M	1. 3G+LTE+Sub6+mmWave+eSIM
		2. 3G+LTE+Sub6+mmWave+w/o eSIM
		3. 3G+LTE+Sub6+mmWave+eSIM+GNSS connector
		4. 3G+LTE+Sub6+mmWave+w/o eSIM+GNSS connector

*After pre-testing, "HW: 1. 3G+LTE+Sub6+mmWave+eSIM" is the worst for the final tests.

3. For CA mode configuration, please consult the manufacturer to declare the test mode.

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

E-UTRA CA configuration / Bandwidth combination set					
E-UTRA CA configuration	Uplink CA configurations	Component carriers in order of increasing carrier frequency		Maximum aggregated bandwidth [MHz]	Bandwidth combination set
		Channel bandwidths for carrier [MHz]	Channel bandwidths for carrier [MHz]		
CA_7C	CA_7C	15	15	40	0
		20	20		
		10	20	40	1
		15	15, 20		
		20	10, 15, 20	40	2
		15	10, 15		
		20	15, 20		
CA_38C	CA_38C	15	15	40	0
		20	20		
CA_41C	CA_41C	10	20	40	0
		15	15, 20		
		20	10, 15, 20		
		5, 10	20	40	1
		15	15, 20		
		20	5, 10, 15, 20		
		10	15, 20	40	2
		15	10, 15, 20		
		20	10, 15, 20		
		10	20	40	3
		20	20		
CA_66B	CA_66B	5	5, 10, 15	20	0
		10	5, 10		
		15	5		
CA_66C	CA_66C	5	20	40	0
		10	15, 20		
		15	10, 15, 20		
		20	5, 10, 15, 20		

*7C are continuous CA and maximum combination is 15M+20M.

*38C/41C/66C are continuous CA and maximum combination is 20M+20M.

*66B is continuous CA and maximum combination is 10M+10M.

5. The following antennas were provided to the EUT.

Antenna No.	RF Chain No.	Brand	Model	Antenna Net Gain(dBi)	Frequency range (MHz)	Antenna Type	Connector Type
1		WHA YU	C107-511720-A	4.41	660~803	PCB	I-PEX
2		WHA YU	C107-511721-A	3.81 4.03	791~960 1447.9~1606	PCB	I-PEX
3		WHA YU	C107-511722-A	4.27 5.31	1710~2170 2500~2690	PCB	I-PEX
4		WHA YU	C107-511723-A	2.99 0.92	2300~2400 3500~3700	PCB	I-PEX
5		WHA YU	C107-511724-A	6.45	5150~5925	PCB	I-PEX
6		WHA YU	C107-511725-A	4.89	3400~3700	PCB	I-PEX
7		AVX	5000106-R1-X01	2.91	699~803	Monopole	I-PEX
8		AVX	5000107-R1-X01	2.59	791~960	Monopole	I-PEX
9		AVX	5000108-R1-X01	2.85	1427~1610	Monopole	I-PEX
10		AVX	5000109-R1-X01	2.23 2.94	1710~2200 5150~5925	Monopole	I-PEX
11		AVX	5000110-R1-X01	0.9	2300~2690	Monopole	I-PEX
12		AVX	5000111-R1-X01	0.87	3300~5000	Monopole	I-PEX
13	Tx1/ Rx1	Ethertronics	5003806	0.4 -1.61 0.39 2.95 1.98 0.38 0.83 2.31	698-821 824-960 1425-1515 1710-2200 2300-2690 3300-4200 4400-5000 5150-5925	PIFA	I-PEX
	Rx2	Ethertronics	5003807	-2.24 -4.52 2.87 2.99 2.93 2.91 2.23 -0.85 -3.04	716-821 824-960 1425-1515 1557-1610 1805-2200 2300-2690 3300-4200 4400-5000 5150-5925	PIFA	I-PEX
	Tx2/ Rx3	Ethertronics	5003806	2.21 2.25 -0.45 2.6	1710-2200 2300-2690 3300-4200 4400-5000	PIFA	I-PEX
	Rx4	Ethertronics	5003700	1.38 2.87 0.6 -2.09	1805-2200 2300-2690 3300-4200 4400-5000	PIFA	I-PEX

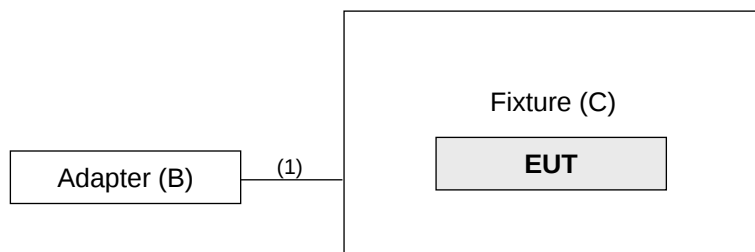
Antenna No.	RF Chain No.	Brand	Model	Antenna Net Gain(dBi)	Frequency range (MHz)	Antenna Type	Connector Type
14	Ant. 0 (TX/RX)	Master Wave	NA	2.4	880~960	PCB	I-PEX
				2.2	1020~2170		
				2.9	2545~2595		
				2.9	3565~3600		
				2.9	3900~4000		
				NA	GPS		
	Ant. 2 (TX/RX)	Master Wave	NA	NA	880~960	PCB	I-PEX
				2.2	1020~2170		
				2.8	2545~2595		
				2.9	3565~3600		
				2.8	3900~4000		
				NA	GPS		
	Ant. 1 (RX)	Master Wave	NA	NA	880~960	PCB	I-PEX
				5.3	1020~2170		
				5.1	2545~2595		
				4.3	3565~3600		
				4.5	3900~4000		
				NA	GPS		
	Ant. 3 (RX)	Master Wave	NA	1.3	880~960	PCB	I-PEX
				6.8	1020~2170		
				3.7	2545~2595		
				6.4	3565~3600		
				6.2	3900~4000		
				3.7	GPS		

*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.

*The antenna for the final tests as following table.

	Band	Antenna
WCDMA	2	Antenna 3
	4	Antenna 3
	5	Antenna 2
LTE	2	Antenna 3
	4	Antenna 3
	5	Antenna 2
	7	Antenna 3
	12	Antenna 1
	13	Antenna 1
	14	Antenna 1
	17	Antenna 1
	25	Antenna 3
	26	Antenna 2
	30	Antenna 4
	66	Antenna 3
	71	Antenna 1
	38	Antenna 3
	41	Antenna 3
	42	Antenna 4
	48	Antenna 4

3.2 Configuration of System under Test



Remote site



3.2.1 Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	Radio Communication Analyzer	Anritsu	MT8821C	6261806803	NA	-
B.	Adapter	LITEON	PA-1050-39	NA	NA	-
C.	Fixture	NA	NA	NA	NA	Provided by client.

Note:

1. All power cords of the above support units are non-shielded (1.8m).
2. Item A acted as a communication partner to transfer data.

ID	Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	USB cable	1	1.5	Y	0	-

3.3 Test Mode Applicability and Tested Channel Detail

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, XYZ axis and antenna ports. The worst case was found when positioned on Z-plane. Following channel(s) was (were) selected for the final test as listed below.

LTE Band 7 (CA 7C)

EUT Configure Mode	Test item	Available channel	Tested channel	Channel Bandwidth	Modulation	Mode
-	EIRP	20828 to 21179 20999 to 21350	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 / 0 RB Offset 1 RB / 74 RB Offset 1 RB / 99 RB Offset
		20850 to 21201 21021 to 21372	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 / 0 RB Offset 1 RB / 74 RB Offset 1 RB / 99 RB Offset
		20825 to 21225 20975 to 21375	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 / 0 RB Offset 1 RB / 74 RB Offset
		20825 to 21277 20945 to 21397	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 / 0 RB Offset 1 RB / 49 RB Offset 1 RB / 74 RB Offset
		20805 to 21206 20949 to 21350	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 / 0 RB Offset 1 RB / 49 RB Offset 1 RB / 99 RB Offset
		20850 to 21251 20994 to 21395	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 / 0 RB Offset 1 RB / 49 RB Offset 1 RB / 99 RB Offset
		20850 to 21152 21048 to 21350	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 / 0 RB Offset 1 RB / 99 RB Offset
-	Radiated Emission Below 1GHz	20828 to 21179 20999 to 21350	21003(2525.3MHz)+ 21174(2542.4MHz),	15MHz + 20MHz	QPSK	1 RB / 0 RB Offset 1 RB / 74 RB Offset
-	Radiated Emission Above 1GHz	20828 to 21179 20999 to 21350	21003(2525.3MHz)+ 21174(2542.4MHz),	15MHz + 20MHz	QPSK	1 RB / 0 RB Offset 1 RB / 74 RB Offset

LTE Band 38 (CA 38C)

EUT Configure Mode	Test item	Available channel	Tested channel	Channel Bandwidth	Modulation	Mode
-	EIRP	37850 to 37952 38048 to 38150	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 / 0 RB Offset 1 RB / 99 RB Offset
		37825 to 38025 37975 to 38175	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 / 0 RB Offset 1 RB / 74 RB Offset
-	Radiated Emission Below 1GHz	37850 to 37952 38048 to 38150	37952(2590.2MHz)+ 38150(2610.0MHz)	20MHz + 20MHz	QPSK	1 RB / 0 RB Offset 1 RB / 99 RB Offset
-	Radiated Emission Above 1GHz	37850 to 37952 38048 to 38150	37952(2590.2MHz)+ 38150(2610.0MHz)	20MHz + 20MHz	QPSK	1 RB / 0 RB Offset 1 RB / 99 RB Offset

LTE Band 41 (CA 41C)

EUT Configure Mode	Test item	Available channel	Tested channel	Channel Bandwidth	Modulation	Mode
-	EIRP	39750 to 41292 39948 to 41490	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 / 0 RB Offset 1 RB / 99 RB Offset
		39750 to 41440 39867 to 41557	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 / 0 RB Offset 1 RB / 24 RB Offset 1 RB / 99 RB Offset
		39750 to 41391 39894 to 41535	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 / 0 RB Offset 1 RB / 49 RB Offset 1 RB / 99 RB Offset
		39750 to 41341 39921 to 51512	39750(2506.0MHz)+ 39921(2523.1MHz), 40546(2585.6MHz)+ 40717(2602.7MHz), 41341(2665.1MHz)+ 51512(2682.2MHz)	20MHz + 15MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset 1 RB / 74 RB Offset 1 RB / 99 RB Offset
		39725 to 41417 39845 to 41537	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 / 0 RB Offset 1 RB / 49 RB Offset 1 RB / 74 RB Offset
		39725 to 41365 39875 to 41515	39725(2503.5MHz)+ 39875(2518.5MHz), 40545(2585.5MHz)+ 40695(2600.5MHz), 41365(2667.5MHz)+ 41515(2682.5MHz)	15MHz + 15MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset 1 RB / 74 RB Offset
		39728 to 41319 39899 to 41490	39728(2503.8MHz)+ 39899(2520.9MHz), 40523(2583.3MHz)+ 40694(2600.4MHz), 41319(2662.9MHz)+ 41490(2680.0MHz)	15MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset 1 RB / 74 RB Offset 1 RB / 99 RB Offset
		39703 to 41395 39823 to 41515	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 / 0 RB Offset 1 RB / 49 RB Offset 1 RB / 74 RB Offset
		39705 to 41346 39849 to 41490	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 / 0 RB Offset 1 RB / 49 RB Offset 1 RB / 99 RB Offset
-	Radiated Emission Below 1GHz	39750 to 41292 39948 to 41490	41292(2660.2MHz)+ 41490(2680.0MHz)	20MHz + 20MHz	QPSK	1 RB / 0 RB Offset 1 RB / 99 RB Offset
		39750 to 41292 39948 to 41490	41292(2660.2MHz)+ 41490(2680.0MHz)	20MHz + 20MHz	QPSK	1 RB / 0 RB Offset 1 RB / 99 RB Offset
		39750 to 41292 39948 to 41490	41292(2660.2MHz)+ 41490(2680.0MHz)	20MHz + 20MHz	QPSK	1 RB / 0 RB Offset 1 RB / 99 RB Offset

LTE Band 66 (CA 66C)

EUT Configure Mode	Test item	Available channel	Tested channel	Channel Bandwidth	Modulation	Mode
-	EIRP	132072 to 132374 132270 to 132572	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 / 0 RB Offset 1 RB / 99 RB Offset
		132072 to 132423 132243 to 132594	132072(1720.0MHz)+ 132243(1737.1MHz), 132348(1747.6MHz)+ 132519(1764.7MHz), 132423(1755.1MHz)+ 132594(1772.2MHz)	20MHz + 15MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset 1 RB / 74 RB Offset 1 RB / 99 RB Offset
		132072 to 132473 132216 to 132617	132072(1720.0MHz)+ 132216(1734.4MHz), 132373(1750.1MHz)+ 132517(1764.5MHz), 132473(1760.1MHz)+ 132617(1774.5MHz)	20MHz + 10MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset 1 RB / 49 RB Offset 1 RB / 99 RB Offset
		132072 to 132522 132189 to 132639	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 / 0 RB Offset 1 RB / 24 RB Offset 1 RB / 99 RB Offset
		132005 to 132455 132122 to 132572	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 / 0 RB Offset 1 RB / 24 RB Offset 1 RB / 99 RB Offset
		132027 to 132428 132171 to 132572	132027(1715.5MHz)+ 132171(1729.9MHz), 132328(1745.6MHz)+ 132472(1760.0MHz), 132428(1755.6MHz)+ 132572(1770.0MHz)	10MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset 1 RB / 49 RB Offset 1 RB / 99 RB Offset
		132050 to 132401 132221 to 132572	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 / 0 RB Offset 1 RB / 74 RB Offset 1 RB / 99 RB Offset
		132025 to 132477 132145 to 132597	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 / 0 RB Offset 1 RB / 49 RB Offset 1 RB / 74 RB Offset
		132047 to 132447 132197 to 132597	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 / 0 RB Offset 1 RB / 74 RB Offset
		132047 to 132499 132167 to 132619	132047(1715.3MHz)+ 132167(1729.5MHz), 132373(1750.1MHz)+ 132493(1762.1MHz), 132499(1762.7MHz)+ 132619(1774.7MHz)	15MHz + 10MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset 1 RB / 24 RB Offset 1 RB / 74 RB Offset
-	Radiated Emission Below 1GHz	132072 to 132374 132270 to 132572	132323(1745.1MHz)+ 132521(1764.9MHz)	20MHz + 20MHz	QPSK	1 RB / 0 RB Offset 1 RB / 99 RB Offset
-	Radiated Emission Above 1GHz	132072 to 132374 132270 to 132572	132323(1745.1MHz)+ 132521(1764.9MHz)	20MHz + 20MHz	QPSK	1 RB / 0 RB Offset 1 RB / 99 RB Offset

LTE Band 66 (CA 66B)

EUT Configure Mode	Test item	Available channel	Tested channel	Channel Bandwidth	Modulation	Mode
-	EIRP	132022 to 132523 132121 to 132622	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 / 0 RB Offset 1 RB / 49 RB Offset
		132002 to 132504 132095 to 132597	132002(1713.0MHz)+ 132095(1722.3MHz), 132353(1748.1MHz)+ 132447(1757.4MHz), 132504(1763.2MHz)+ 132597(1772.5MHz)	5MHz + 15MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset 1 RB / 24 RB Offset 1 RB / 79 RB Offset
		132047 to 132549 132140 to 132642	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 / 0 RB Offset 1 RB / 24 RB Offset 1 RB / 74 RB Offset
		132000 to 132550 132072 to 132622	132000(1712.8MHz)+ 132072(1720.0MHz), 132375(1750.3MHz)+ 132447(1757.5MHz), 132550(1767.8MHz)+ 132622(1775.0MHz)	5MHz + 10MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB / 0 RB Offset 1 RB / 24 RB Offset 1 RB / 49 RB Offset
		132022 to 132572 132094 to 132644	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 / 0 RB Offset 1 RB / 24 RB Offset 1 RB / 74 RB Offset
		131997 to 132599 132045 to 132647	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 / 0 RB Offset 1 RB / 24 RB Offset
-	Radiated Emission Above 1GHz	132022 to 132523 132121 to 132622	132022(1715.0MHz)+ 132121(1724.9MHz)	10MHz + 10MHz	QPSK	1 RB / 49 RB Offset 1 RB / 0 RB Offset
-	Radiated Emission Above 1GHz	132022 to 132523 132121 to 132622	132022(1715.0MHz)+ 132121(1724.9MHz)	10MHz + 10MHz	QPSK	1 RB / 49 RB Offset 1 RB / 0 RB Offset

Test Condition:

Test Item	Environmental Conditions	Input Power	Tested By
EIRP	25deg. C, 70%RH	5Vdc	James Yang
Radiated Emission	22deg. C, 66%RH 22deg. C, 68%RH	120Vac, 60Hz	Greg Lin

3.4 EUT Operating Conditions

The EUT makes a call to the communication simulator. The communication simulator station system controlled a EUT to export maximum output power under transmission mode and specific channel frequency

3.5 General Description of Applied Standards and References

The EUT is a RF Product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards and References:

Test Standard:

FCC 47 CFR Part 2

FCC 47 CFR Part 27

ANSI/TIA/EIA-603-E 2016

ANSI 63.26-2015

All test items have been performed and recorded as per the above standards.

References Test Guidance:

KDB 971168 D01 Power Meas License Digital Systems v03r01

All test items have been performed as a reference to the above KDB test guidance.

4 Test Types and Results

4.1 Output Power Measurement

4.1.1 Limits of Output Power Measurement

LTE Band 66:

Mobile / Portable station are limited to 1 watts e.i.r.p.

LTE Band 7, LTE Band 38, LTE Band 41:

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

4.1.2 Test Procedures

Conducted Power Measurement:

The EUT was set up for the maximum power with LTE link data modulation and link up with simulator. Set the EUT to transmit under low, middle and high channel and record the power level shown on simulator.

Maximum EIRP

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

$$\text{ERP or EIRP} = P_{\text{Meas}} + G_T$$

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)

4.1.3 Test Setup

Conducted Power Measurement:



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

4.1.4 Test Results

Conducted Output Power (dBm)

LTE Band 7 (CA 7C)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
		Total														
Intra Band Conti- guous	CA_7C	7	15	QPSK	1	0	20828	2507.8	7	20	QPSK	1	99	20999	2524.9	17.34
					1	74						1	0			23.23
		7	15	QPSK	1	0	21003	2525.3	7	20	QPSK	1	99	21174	2542.4	17.17
					1	74						1	0			23.26
		7	15	QPSK	1	0	21179	2542.9	7	20	QPSK	1	99	21350	2560	17.06
					1	74						1	0			23.04
Intra Band Conti- guous	CA_7C	7	20	QPSK	1	0	20850	2510	7	15	QPSK	1	74	21021	2527.1	17.12
					1	99						1	0			22.48
		7	20	QPSK	1	0	21025	2527.5	7	15	QPSK	1	74	21196	2544.6	17.08
					1	99						1	0			23.17
		7	20	QPSK	1	0	21201	2545.1	7	15	QPSK	1	74	21372	2562.2	16.96
					1	99						1	0			23.14
Intra Band Conti- guous	CA_7C	7	15	QPSK	1	0	20825	2507.5	7	15	QPSK	1	74	20975	2522.5	16.90
					1	74						1	0			23.12
		7	15	QPSK	1	0	21025	2527.5	7	15	QPSK	1	74	21175	2542.5	16.96
					1	74						1	0			23.10
		7	15	QPSK	1	0	21225	2547.5	7	15	QPSK	1	74	21375	2562.5	16.98
					1	74						1	0			23.15
Intra Band Conti- guous	CA_7C	7	15	QPSK	1	0	20825	2507.5	7	10	QPSK	1	49	20945	2519.5	15.67
					1	74						1	0			23.12
		7	15	QPSK	1	0	21051	2530.1	7	10	QPSK	1	49	21171	2542.1	15.03
					1	74						1	0			22.92
		7	15	QPSK	1	0	21277	2552.7	7	10	QPSK	1	49	21397	2564.7	14.94
					1	74						1	0			22.81
Intra Band Conti- guous	CA_7C	7	10	QPSK	1	0	20805	2505.5	7	20	QPSK	1	99	20949	2519.9	16.90
					1	49						1	0			22.89
		7	10	QPSK	1	0	21006	2525.6	7	20	QPSK	1	99	21150	2540	16.90
					1	49						1	0			23.08
		7	10	QPSK	1	0	21206	2545.6	7	20	QPSK	1	99	21350	2560	16.89
					1	49						1	0			22.84
Intra Band Conti- guous	CA_7C	7	20	QPSK	1	0	20850	2510	7	10	QPSK	1	49	20994	2524.4	17.02
					1	99						1	0			22.83
		7	20	QPSK	1	0	21051	2530.1	7	10	QPSK	1	49	21195	2544.5	17.12
					1	99						1	0			22.89
		7	20	QPSK	1	0	21251	2550.1	7	10	QPSK	1	49	21395	2564.5	17.04
					1	99						1	0			22.57
Intra Band Conti- guous	CA_7C	7	20	QPSK	1	0	20850	2510	7	20	QPSK	1	99	21048	2529.8	7.68
					1	99						1	0			23.12
		7	20	QPSK	1	0	21001	2525.1	7	20	QPSK	1	99	21199	2544.9	7.62
					1	99						1	0			23.00
		7	20	QPSK	1	0	21152	2540.2	7	20	QPSK	1	99	21350	2560	7.51
					1	99						1	0			23.06

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
		Total														
Intra Band Conti- guous	CA_7C	7	15	16QAM	1	0	20828	2507.8	7	20	16QAM	1	99	20999	2524.9	16.82
					1	74						1	0			22.45
		7	15	16QAM	1	0	21003	2525.3	7	20	16QAM	1	99	21174	2542.4	16.62
					1	74						1	0			22.72
		7	15	16QAM	1	0	21179	2542.9	7	20	16QAM	1	99	21350	2560	16.64
					1	74						1	0			22.58
Intra Band Conti- guous	CA_7C	7	20	16QAM	1	0	20850	2510	7	15	16QAM	1	74	21021	2527.1	16.77
					1	99						1	0			21.60
		7	20	16QAM	1	0	21025	2527.5	7	15	16QAM	1	74	21196	2544.6	16.65
					1	99						1	0			22.66
		7	20	16QAM	1	0	21201	2545.1	7	15	16QAM	1	74	21372	2562.2	16.53
					1	99						1	0			22.25
Intra Band Conti- guous	CA_7C	7	15	16QAM	1	0	20825	2507.5	7	15	16QAM	1	74	20975	2522.5	16.61
					1	74						1	0			22.23
		7	15	16QAM	1	0	21025	2527.5	7	15	16QAM	1	74	21175	2542.5	16.43
					1	74						1	0			22.09
		7	15	16QAM	1	0	21225	2547.5	7	15	16QAM	1	74	21375	2562.5	16.61
					1	74						1	0			22.20
Intra Band Conti- guous	CA_7C	7	15	16QAM	1	0	20825	2507.5	7	10	16QAM	1	49	20945	2519.5	15.06
					1	74						1	0			22.06
		7	15	16QAM	1	0	21051	2530.1	7	10	16QAM	1	49	21171	2542.1	14.77
					1	74						1	0			22.04
		7	15	16QAM	1	0	21277	2552.7	7	10	16QAM	1	49	21397	2564.7	14.72
					1	74						1	0			21.77
Intra Band Conti- guous	CA_7C	7	10	16QAM	1	0	20805	2505.5	7	20	16QAM	1	99	20949	2519.9	16.81
					1	49						1	0			22.15
		7	10	16QAM	1	0	21006	2525.6	7	20	16QAM	1	99	21150	2540	16.78
					1	49						1	0			22.09
		7	10	16QAM	1	0	21206	2545.6	7	20	16QAM	1	99	21350	2560	16.85
					1	49						1	0			22.14
Intra Band Conti- guous	CA_7C	7	20	16QAM	1	0	20850	2510	7	10	16QAM	1	49	20994	2524.4	16.91
					1	99						1	0			22.26
		7	20	16QAM	1	0	21051	2530.1	7	10	16QAM	1	49	21195	2544.5	16.93
					1	99						1	0			22.67
		7	20	16QAM	1	0	21251	2550.1	7	10	16QAM	1	49	21395	2564.5	16.86
					1	99						1	0			21.72
Intra Band Conti- guous	CA_7C	7	20	16QAM	1	0	20850	2510	7	20	16QAM	1	99	21048	2529.8	7.36
					1	99						1	0			22.27
		7	20	16QAM	1	0	21001	2525.1	7	20	16QAM	1	99	21199	2544.9	7.19
					1	99						1	0			22.43
		7	20	16QAM	1	0	21152	2540.2	7	20	16QAM	1	99	21350	2560	7.30
					1	99						1	0			22.40

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
																Total
Intra Band Conti- guous	CA_7C	7	15	64QAM	1	0	20828	2507.8	7	20	64QAM	1	99	20999	2524.9	16.38
					1	74						1	0			22.27
		7	15	64QAM	1	0	21003	2525.3	7	20	64QAM	1	99	21174	2542.4	16.43
					1	74						1	0			22.31
		7	15	64QAM	1	0	21179	2542.9	7	20	64QAM	1	99	21350	2560	16.27
					1	74						1	0			22.25
Intra Band Conti- guous	CA_7C	7	20	64QAM	1	0	20850	2510	7	15	64QAM	1	74	21021	2527.1	16.36
					1	99						1	0			20.12
		7	20	64QAM	1	0	21025	2527.5	7	15	64QAM	1	74	21196	2544.6	16.21
					1	99						1	0			20.56
		7	20	64QAM	1	0	21201	2545.1	7	15	64QAM	1	74	21372	2562.2	16.14
					1	99						1	0			19.75
Intra Band Conti- guous	CA_7C	7	15	64QAM	1	0	20825	2507.5	7	15	64QAM	1	74	20975	2522.5	16.36
					1	74						1	0			19.45
		7	15	64QAM	1	0	21025	2527.5	7	15	64QAM	1	74	21175	2542.5	16.33
					1	74						1	0			19.44
		7	15	64QAM	1	0	21225	2547.5	7	15	64QAM	1	74	21375	2562.5	16.26
					1	74						1	0			19.88
Intra Band Conti- guous	CA_7C	7	15	64QAM	1	0	20825	2507.5	7	10	64QAM	1	49	20945	2519.5	14.80
					1	74						1	0			20.39
		7	15	64QAM	1	0	21051	2530.1	7	10	64QAM	1	49	21171	2542.1	14.74
					1	74						1	0			20.17
		7	15	64QAM	1	0	21277	2552.7	7	10	64QAM	1	49	21397	2564.7	14.50
					1	74						1	0			19.22
Intra Band Conti- guous	CA_7C	7	10	64QAM	1	0	20805	2505.5	7	20	64QAM	1	99	20949	2519.9	16.35
					1	49						1	0			20.66
		7	10	64QAM	1	0	21006	2525.6	7	20	64QAM	1	99	21150	2540	16.30
					1	49						1	0			19.84
		7	10	64QAM	1	0	21206	2545.6	7	20	64QAM	1	99	21350	2560	16.74
					1	49						1	0			20.57
Intra Band Conti- guous	CA_7C	7	20	64QAM	1	0	20850	2510	7	10	64QAM	1	49	20994	2524.4	16.34
					1	99						1	0			20.14
		7	20	64QAM	1	0	21051	2530.1	7	10	64QAM	1	49	21195	2544.5	16.41
					1	99						1	0			20.31
		7	20	64QAM	1	0	21251	2550.1	7	10	64QAM	1	49	21395	2564.5	16.74
					1	99						1	0			19.34
Intra Band Conti- guous	CA_7C	7	20	64QAM	1	0	20850	2510	7	20	64QAM	1	99	21048	2529.8	7.22
					1	99						1	0			20.18
		7	20	64QAM	1	0	21001	2525.1	7	20	64QAM	1	99	21199	2544.9	7.05
					1	99						1	0			20.05
		7	20	64QAM	1	0	21152	2540.2	7	20	64QAM	1	99	21350	2560	7.07
					1	99						1	0			21.03

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
																Total
Intra Band Conti- guous	CA_7C	7	15	256 QAM	1	0	20828	2507.8	7	20	256 QAM	1	99	20999	2524.9	15.68
					1	74						1	0			21.59
		7	15	256 QAM	1	0	21003	2525.3	7	20	256 QAM	1	99	21174	2542.4	15.73
					1	74						1	0			21.65
		7	15	256 QAM	1	0	21179	2542.9	7	20	256 QAM	1	99	21350	2560	15.37
					1	74						1	0			21.53
Intra Band Conti- guous	CA_7C	7	20	256 QAM	1	0	20850	2510	7	15	256 QAM	1	74	21021	2527.1	15.74
					1	99						1	0			19.55
		7	20	256 QAM	1	0	21025	2527.5	7	15	256 QAM	1	74	21196	2544.6	15.85
					1	99						1	0			20.19
		7	20	256 QAM	1	0	21201	2545.1	7	15	256 QAM	1	74	21372	2562.2	15.59
					1	99						1	0			19.37
Intra Band Conti- guous	CA_7C	7	15	256 QAM	1	0	20825	2507.5	7	15	256 QAM	1	74	20975	2522.5	15.41
					1	74						1	0			18.80
		7	15	256 QAM	1	0	21025	2527.5	7	15	256 QAM	1	74	21175	2542.5	15.76
					1	74						1	0			18.34
		7	15	256 QAM	1	0	21225	2547.5	7	15	256 QAM	1	74	21375	2562.5	15.77
					1	74						1	0			19.11
Intra Band Conti- guous	CA_7C	7	15	256 QAM	1	0	20825	2507.5	7	10	256 QAM	1	49	20945	2519.5	14.03
					1	74						1	0			19.52
		7	15	256 QAM	1	0	21051	2530.1	7	10	256 QAM	1	49	21171	2542.1	14.09
					1	74						1	0			19.44
		7	15	256 QAM	1	0	21277	2552.7	7	10	256 QAM	1	49	21397	2564.7	13.64
					1	74						1	0			18.10
Intra Band Conti- guous	CA_7C	7	10	256 QAM	1	0	20805	2505.5	7	20	256 QAM	1	99	20949	2519.9	15.28
					1	49						1	0			20.10
		7	10	256 QAM	1	0	21006	2525.6	7	20	256 QAM	1	99	21150	2540	15.36
					1	49						1	0			19.07
		7	10	256 QAM	1	0	21206	2545.6	7	20	256 QAM	1	99	21350	2560	16.03
					1	49						1	0			19.58
Intra Band Conti- guous	CA_7C	7	20	256 QAM	1	0	20850	2510	7	10	256 QAM	1	49	20994	2524.4	15.23
					1	99						1	0			19.23
		7	20	256 QAM	1	0	21051	2530.1	7	10	256 QAM	1	49	21195	2544.5	15.66
					1	99						1	0			19.55
		7	20	256 QAM	1	0	21251	2550.1	7	10	256 QAM	1	49	21395	2564.5	16.00
					1	99						1	0			18.20
Intra Band Conti- guous	CA_7C	7	20	256 QAM	1	0	20850	2510	7	20	256 QAM	1	99	21048	2529.8	7.15
					1	99						1	0			20.22
		7	20	256 QAM	1	0	21001	2525.1	7	20	256 QAM	1	99	21199	2544.9	7.01
					1	99						1	0			20.04
		7	20	256 QAM	1	0	21152	2540.2	7	20	256 QAM	1	99	21350	2560	6.99
					1	99						1	0			21.10

LTE Band 38 (CA 38C)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
		Total														
Intra Band Conti- guous	CA_38C	38	20	QPSK	1	0	37850	2580	38	20	QPSK	1	99	38048	2599.8	18.80
					1	99						1	0			24.49
		38	20	QPSK	1	0	37901	2585.1	38	20	QPSK	1	99	38099	2604.9	19.93
					1	99						1	0			24.71
		38	20	QPSK	1	0	37952	2590.2	38	20	QPSK	1	99	38150	2610	19.78
					1	99						1	0			24.82
Intra Band Conti- guous	CA_38C	38	15	QPSK	1	0	37825	2577.5	38	15	QPSK	1	74	37975	2592.5	18.38
					1	74						1	0			24.10
		38	15	QPSK	1	0	37925	2587.5	38	15	QPSK	1	74	38075	2602.5	19.54
					1	74						1	0			24.32
		38	15	QPSK	1	0	38025	2597.5	38	15	QPSK	1	74	38175	2612.5	19.35
					1	74						1	0			24.39

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
		Total														
Intra Band Conti- guous	CA_38C	38	20	16QAM	1	0	37850	2580	38	20	16QAM	1	99	38048	2599.8	18.01
					1	99						1	0			23.84
		38	20	16QAM	1	0	37901	2585.1	38	20	16QAM	1	99	38099	2604.9	19.11
					1	99						1	0			23.97
		38	20	16QAM	1	0	37952	2590.2	38	20	16QAM	1	99	38150	2610	19.16
					1	99						1	0			24.20
Intra Band Conti- guous	CA_38C	38	15	16QAM	1	0	37825	2577.5	38	15	16QAM	1	74	37975	2592.5	17.56
					1	74						1	0			23.49
		38	15	16QAM	1	0	37925	2587.5	38	15	16QAM	1	74	38075	2602.5	18.78
					1	74						1	0			23.57
		38	15	16QAM	1	0	38025	2597.5	38	15	16QAM	1	74	38175	2612.5	18.83
					1	74						1	0			23.78

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
		Total														
Intra Band Conti- guous	CA_38C	38	20	64QAM	1	0	37850	2580	38	20	64QAM	1	99	38048	2599.8	17.93
					1	99						1	0			23.65
		38	20	64QAM	1	0	37901	2585.1	38	20	64QAM	1	99	38099	2604.9	19.09
					1	99						1	0			23.57
		38	20	64QAM	1	0	37952	2590.2	38	20	64QAM	1	99	38150	2610	18.92
					1	99						1	0			23.76
Intra Band Conti- guous	CA_38C	38	15	64QAM	1	0	37825	2577.5	38	15	64QAM	1	74	37975	2592.5	17.56
					1	74						1	0			23.18
		38	15	64QAM	1	0	37925	2587.5	38	15	64QAM	1	74	38075	2602.5	18.61
					1	74						1	0			23.27
		38	15	64QAM	1	0	38025	2597.5	38	15	64QAM	1	74	38175	2612.5	18.52
					1	74						1	0			23.29

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
		Total														
Intra Band Conti- guous	CA_38C	38	20	256 QAM	1	0	37850	2580	38	20	256 QAM	1	99	38048	2599.8	17.22
					1	99						1	0			22.64
		38	20	256 QAM	1	0	37901	2585.1	38	20	256 QAM	1	99	38099	2604.9	18.14
					1	99						1	0			22.41
		38	20	256 QAM	1	0	37952	2590.2	38	20	256 QAM	1	99	38150	2610	17.92
					1	99						1	0			22.89
Intra Band Conti- guous	CA_38C	38	15	256 QAM	1	0	37825	2577.5	38	15	256 QAM	1	74	37975	2592.5	16.59
					1	74						1	0			22.40
		38	15	256 QAM	1	0	37925	2587.5	38	15	256 QAM	1	74	38075	2602.5	17.83
					1	74						1	0			22.31
		38	15	256 QAM	1	0	38025	2597.5	38	15	256 QAM	1	74	38175	2612.5	17.65
					1	74						1	0			22.51

LTE Band 41 (CA 41C)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
		Total														
Intra Band Conti- guous	CA_41C	41	20	QPSK	1	0	39750	2506	41	20	QPSK	1	99	39948	2525.8	19.43
					1	99						1	0			24.66
		41	20	QPSK	1	0	40521	2583.1	41	20	QPSK	1	99	40719	2602.9	19.57
					1	99						1	0			24.67
		41	20	QPSK	1	0	41292	2660.2	41	20	QPSK	1	99	41490	2680	19.84
					1	99						1	0			24.78
Intra Band Conti- guous	CA_41C	41	20	QPSK	1	0	39750	2506	41	5	QPSK	1	24	39867	2517.7	19.02
					1	99						1	0			24.21
		41	20	QPSK	1	0	40595	2590.5	41	5	QPSK	1	24	40712	2602.2	19.19
					1	99						1	0			24.41
		41	20	QPSK	1	0	41440	2675	41	5	QPSK	1	24	41557	2686.7	19.48
					1	99						1	0			24.31
Intra Band Conti- guous	CA_41C	41	20	QPSK	1	0	39750	2506	41	10	QPSK	1	49	39894	2520.4	18.95
					1	99						1	0			24.22
		41	20	QPSK	1	0	40571	2588.1	41	10	QPSK	1	49	40715	2602.5	19.32
					1	99						1	0			24.39
		41	20	QPSK	1	0	41391	2670.1	41	10	QPSK	1	49	41535	2684.5	19.46
					1	99						1	0			24.32
Intra Band Conti- guous	CA_41C	41	20	QPSK	1	0	39750	2506	41	15	QPSK	1	74	39921	2523.1	19.09
					1	99						1	0			24.20
		41	20	QPSK	1	0	40546	2585.6	41	15	QPSK	1	74	40717	2602.7	19.22
					1	99						1	0			24.33
		41	20	QPSK	1	0	41341	2665.1	41	15	QPSK	1	74	51512	2682.2	19.54
					1	99						1	0			24.36
Intra Band Conti- guous	CA_41C	41	15	QPSK	1	0	39725	2503.5	41	10	QPSK	1	49	39845	2515.5	19.01
					1	74						1	0			24.21
		41	15	QPSK	1	0	40571	2588.1	41	10	QPSK	1	49	40691	2600.1	19.33
					1	74						1	0			24.27
		41	15	QPSK	1	0	41417	2672.7	41	10	QPSK	1	49	41537	2684.7	19.42
					1	74						1	0			24.27
Intra Band Conti- guous	CA_41C	41	15	QPSK	1	0	39725	2503.5	41	15	QPSK	1	74	39875	2518.5	19.16
					1	74						1	0			24.39
		41	15	QPSK	1	0	40545	2585.5	41	15	QPSK	1	74	40695	2600.5	19.25
					1	74						1	0			24.38
		41	15	QPSK	1	0	41365	2667.5	41	15	QPSK	1	74	41515	2682.5	19.41
					1	74						1	0			24.36

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
																Total
Intra Band Conti- guous	CA_41C	41	15	QPSK	1	0	39728	2503.8	41	20	QPSK	1	99	39899	2520.9	18.91
					1	74						1	0			24.22
		41	15	QPSK	1	0	40523	2583.3	41	20	QPSK	1	99	40694	2600.4	19.20
					1	74						1	0			24.39
		41	15	QPSK	1	0	41319	2662.9	41	20	QPSK	1	99	41490	2680	19.49
					1	74						1	0			24.26
Intra Band Conti- guous	CA_41C	41	10	QPSK	1	0	39703	2501.3	41	15	QPSK	1	74	39823	2513.3	19.04
					1	49						1	0			24.28
		41	10	QPSK	1	0	40549	2585.9	41	15	QPSK	1	74	40669	2597.9	19.34
					1	49						1	0			24.29
		41	10	QPSK	1	0	41395	2670.5	41	15	QPSK	1	74	41515	2682.5	19.44
					1	49						1	0			24.25
Intra Band Conti- guous	CA_41C	41	10	QPSK	1	0	39705	2501.5	41	20	QPSK	1	99	39849	2515.9	19.05
					1	49						1	0			24.27
		41	10	QPSK	1	0	40526	2583.6	41	20	QPSK	1	99	40670	2598	19.32
					1	49						1	0			24.40
		41	10	QPSK	1	0	41346	2665.6	41	20	QPSK	1	99	41490	2680	19.43
					1	49						1	0			24.32
Intra Band Conti- guous	CA_41C	41	5	QPSK	1	0	39683	2499.3	41	20	QPSK	1	99	39800	2511	19.05
					1	24						1	0			24.28
		41	5	QPSK	1	0	40528	2583.8	41	20	QPSK	1	99	40645	2595.5	19.33
					1	24						1	0			24.25
		41	5	QPSK	1	0	41373	2668.3	41	20	QPSK	1	99	41490	2680	19.44
					1	24						1	0			24.42

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
		Total														
Intra Band Conti- guous	CA_41C	41	20	16QAM	1	0	39750	2506	41	20	16QAM	1	99	39948	2525.8	18.76
					1	99						1	0			24.09
		41	20	16QAM	1	0	40521	2583.1	41	20	16QAM	1	99	40719	2602.9	18.94
					1	99						1	0			24.27
		41	20	16QAM	1	0	41292	2660.2	41	20	16QAM	1	99	41490	2680	19.12
					1	99						1	0			24.73
Intra Band Conti- guous	CA_41C	41	20	16QAM	1	0	39750	2506	41	5	16QAM	1	24	39867	2517.7	18.36
					1	99						1	0			23.43
		41	20	16QAM	1	0	40595	2590.5	41	5	16QAM	1	24	40712	2602.2	18.58
					1	99						1	0			23.71
		41	20	16QAM	1	0	41440	2675	41	5	16QAM	1	24	41557	2686.7	18.74
					1	99						1	0			23.71
Intra Band Conti- guous	CA_41C	41	20	16QAM	1	0	39750	2506	41	10	16QAM	1	49	39894	2520.4	18.17
					1	99						1	0			23.59
		41	20	16QAM	1	0	40571	2588.1	41	10	16QAM	1	49	40715	2602.5	18.46
					1	99						1	0			23.65
		41	20	16QAM	1	0	41391	2670.1	41	10	16QAM	1	49	41535	2684.5	18.83
					1	99						1	0			23.60
Intra Band Conti- guous	CA_41C	41	20	16QAM	1	0	39750	2506	41	15	16QAM	1	74	39921	2523.1	18.30
					1	99						1	0			23.51
		41	20	16QAM	1	0	40546	2585.6	41	15	16QAM	1	74	40717	2602.7	18.52
					1	99						1	0			23.75
		41	20	16QAM	1	0	41341	2665.1	41	15	16QAM	1	74	51512	2682.2	18.81
					1	99						1	0			23.52
Intra Band Conti- guous	CA_41C	41	15	16QAM	1	0	39725	2503.5	41	10	16QAM	1	49	39845	2515.5	18.37
					1	74						1	0			23.61
		41	15	16QAM	1	0	40571	2588.1	41	10	16QAM	1	49	40691	2600.1	18.59
					1	74						1	0			23.59
		41	15	16QAM	1	0	41417	2672.7	41	10	16QAM	1	49	41537	2684.7	18.69
					1	74						1	0			23.62
Intra Band Conti- guous	CA_41C	41	15	16QAM	1	0	39725	2503.5	41	15	16QAM	1	74	39875	2518.5	18.50
					1	74						1	0			23.64
		41	15	16QAM	1	0	40545	2585.5	41	15	16QAM	1	74	40695	2600.5	18.61
					1	74						1	0			23.76
		41	15	16QAM	1	0	41365	2667.5	41	15	16QAM	1	74	41515	2682.5	18.74
					1	74						1	0			23.71

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
		Total														
Intra Band Conti- guous	CA_41C	41	15	16QAM	1	0	39728	2503.8	41	20	16QAM	1	99	39899	2520.9	18.33
					1	74						1	0			23.57
		41	15	16QAM	1	0	40523	2583.3	41	20	16QAM	1	99	40694	2600.4	18.39
					1	74						1	0			23.60
		41	15	16QAM	1	0	41319	2662.9	41	20	16QAM	1	99	41490	2680	18.74
					1	74						1	0			23.67
Intra Band Conti- guous	CA_41C	41	10	16QAM	1	0	39703	2501.3	41	15	16QAM	1	74	39823	2513.3	18.33
					1	49						1	0			23.52
		41	10	16QAM	1	0	40549	2585.9	41	15	16QAM	1	74	40669	2597.9	18.71
					1	49						1	0			23.65
		41	10	16QAM	1	0	41395	2670.5	41	15	16QAM	1	74	41515	2682.5	18.83
					1	49						1	0			23.71
Intra Band Conti- guous	CA_41C	41	10	16QAM	1	0	39705	2501.5	41	20	16QAM	1	99	39849	2515.9	18.48
					1	49						1	0			23.57
		41	10	16QAM	1	0	40526	2583.6	41	20	16QAM	1	99	40670	2598	18.61
					1	49						1	0			23.55
		41	10	16QAM	1	0	41346	2665.6	41	20	16QAM	1	99	41490	2680	18.72
					1	49						1	0			23.59
Intra Band Conti- guous	CA_41C	41	5	16QAM	1	0	39683	2499.3	41	20	16QAM	1	99	39800	2511	18.52
					1	24						1	0			23.50
		41	5	16QAM	1	0	40528	2583.8	41	20	16QAM	1	99	40645	2595.5	18.57
					1	24						1	0			23.55
		41	5	16QAM	1	0	41373	2668.3	41	20	16QAM	1	99	41490	2680	18.72
					1	24						1	0			23.77

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
																Total
Intra Band Conti- guous	CA_41C	41	20	64QAM	1	0	39750	2506	41	20	64QAM	1	99	39948	2525.8	18.54
					1	99						1	0			23.77
		41	20	64QAM	1	0	40521	2583.1	41	20	64QAM	1	99	40719	2602.9	18.76
					1	99						1	0			23.90
		41	20	64QAM	1	0	41292	2660.2	41	20	64QAM	1	99	41490	2680	18.33
					1	99						1	0			24.66
Intra Band Conti- guous	CA_41C	41	20	64QAM	1	0	39750	2506	41	5	64QAM	1	24	39867	2517.7	17.87
					1	99						1	0			23.11
		41	20	64QAM	1	0	40595	2590.5	41	5	64QAM	1	24	40712	2602.2	18.13
					1	99						1	0			23.37
		41	20	64QAM	1	0	41440	2675	41	5	64QAM	1	24	41557	2686.7	18.27
					1	99						1	0			23.32
Intra Band Conti- guous	CA_41C	41	20	64QAM	1	0	39750	2506	41	10	64QAM	1	49	39894	2520.4	17.84
					1	99						1	0			23.19
		41	20	64QAM	1	0	40571	2588.1	41	10	64QAM	1	49	40715	2602.5	18.10
					1	99						1	0			23.13
		41	20	64QAM	1	0	41391	2670.1	41	10	64QAM	1	49	41535	2684.5	18.46
					1	99						1	0			23.30
Intra Band Conti- guous	CA_41C	41	20	64QAM	1	0	39750	2506	41	15	64QAM	1	74	39921	2523.1	17.85
					1	99						1	0			23.14
		41	20	64QAM	1	0	40546	2585.6	41	15	64QAM	1	74	40717	2602.7	18.18
					1	99						1	0			23.27
		41	20	64QAM	1	0	41341	2665.1	41	15	64QAM	1	74	51512	2682.2	18.39
					1	99						1	0			23.18
Intra Band Conti- guous	CA_41C	41	15	64QAM	1	0	39725	2503.5	41	10	64QAM	1	49	39845	2515.5	17.88
					1	74						1	0			23.09
		41	15	64QAM	1	0	40571	2588.1	41	10	64QAM	1	49	40691	2600.1	18.23
					1	74						1	0			23.15
		41	15	64QAM	1	0	41417	2672.7	41	10	64QAM	1	49	41537	2684.7	18.29
					1	74						1	0			23.16
Intra Band Conti- guous	CA_41C	41	15	64QAM	1	0	39725	2503.5	41	15	64QAM	1	74	39875	2518.5	18.12
					1	74						1	0			23.28
		41	15	64QAM	1	0	40545	2585.5	41	15	64QAM	1	74	40695	2600.5	18.10
					1	74						1	0			23.39
		41	15	64QAM	1	0	41365	2667.5	41	15	64QAM	1	74	41515	2682.5	18.20
					1	74						1	0			23.23

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
		Total														
Intra Band Conti- guous	CA_41C	41	15	64QAM	1	0	39728	2503.8	41	20	64QAM	1	99	39899	2520.9	17.88
					1	74						1	0			23.14
		41	15	64QAM	1	0	40523	2583.3	41	20	64QAM	1	99	40694	2600.4	18.07
					1	74						1	0			23.24
		41	15	64QAM	1	0	41319	2662.9	41	20	64QAM	1	99	41490	2680	18.42
					1	74						1	0			23.30
Intra Band Conti- guous	CA_41C	41	10	64QAM	1	0	39703	2501.3	41	15	64QAM	1	74	39823	2513.3	17.98
					1	49						1	0			23.09
		41	10	64QAM	1	0	40549	2585.9	41	15	64QAM	1	74	40669	2597.9	18.32
					1	49						1	0			23.29
		41	10	64QAM	1	0	41395	2670.5	41	15	64QAM	1	74	41515	2682.5	18.48
					1	49						1	0			23.42
Intra Band Conti- guous	CA_41C	41	10	64QAM	1	0	39705	2501.5	41	20	64QAM	1	99	39849	2515.9	18.16
					1	49						1	0			23.12
		41	10	64QAM	1	0	40526	2583.6	41	20	64QAM	1	99	40670	2598	18.17
					1	49						1	0			23.23
		41	10	64QAM	1	0	41346	2665.6	41	20	64QAM	1	99	41490	2680	18.27
					1	49						1	0			23.23
Intra Band Conti- guous	CA_41C	41	5	64QAM	1	0	39683	2499.3	41	20	64QAM	1	99	39800	2511	18.09
					1	24						1	0			23.14
		41	5	64QAM	1	0	40528	2583.8	41	20	64QAM	1	99	40645	2595.5	18.28
					1	24						1	0			23.16
		41	5	64QAM	1	0	41373	2668.3	41	20	64QAM	1	99	41490	2680	18.35
					1	24						1	0			23.40

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
																Total
Intra Band Conti- guous	CA_41C	41	20	256 QAM	1	0	39750	2506	41	20	256 QAM	1	99	39948	2525.8	17.75
					1	99						1	0			22.88
		41	20	256 QAM	1	0	40521	2583.1	41	20	256 QAM	1	99	40719	2602.9	17.58
					1	99						1	0			23.07
		41	20	256 QAM	1	0	41292	2660.2	41	20	256 QAM	1	99	41490	2680	17.18
					1	99						1	0			23.67
Intra Band Conti- guous	CA_41C	41	20	256 QAM	1	0	39750	2506	41	5	256 QAM	1	24	39867	2517.7	16.76
					1	99						1	0			22.30
		41	20	256 QAM	1	0	40595	2590.5	41	5	256 QAM	1	24	40712	2602.2	17.18
					1	99						1	0			22.49
		41	20	256 QAM	1	0	41440	2675	41	5	256 QAM	1	24	41557	2686.7	17.07
					1	99						1	0			22.19
Intra Band Conti- guous	CA_41C	41	20	256 QAM	1	0	39750	2506	41	10	256 QAM	1	49	39894	2520.4	17.20
					1	99						1	0			22.17
		41	20	256 QAM	1	0	40571	2588.1	41	10	256 QAM	1	49	40715	2602.5	17.32
					1	99						1	0			22.29
		41	20	256 QAM	1	0	41391	2670.1	41	10	256 QAM	1	49	41535	2684.5	17.66
					1	99						1	0			22.16
Intra Band Conti- guous	CA_41C	41	20	256 QAM	1	0	39750	2506	41	15	256 QAM	1	74	39921	2523.1	17.06
					1	99						1	0			22.40
		41	20	256 QAM	1	0	40546	2585.6	41	15	256 QAM	1	74	40717	2602.7	17.17
					1	99						1	0			22.41
		41	20	256 QAM	1	0	41341	2665.1	41	15	256 QAM	1	74	51512	2682.2	17.45
					1	99						1	0			22.05
Intra Band Conti- guous	CA_41C	41	15	256 QAM	1	0	39725	2503.5	41	10	256 QAM	1	49	39845	2515.5	16.70
					1	74						1	0			22.18
		41	15	256 QAM	1	0	40571	2588.1	41	10	256 QAM	1	49	40691	2600.1	17.25
					1	74						1	0			22.34
		41	15	256 QAM	1	0	41417	2672.7	41	10	256 QAM	1	49	41537	2684.7	17.77
					1	74						1	0			22.37
Intra Band Conti- guous	CA_41C	41	15	256 QAM	1	0	39725	2503.5	41	15	256 QAM	1	74	39875	2518.5	17.12
					1	74						1	0			22.46
		41	15	256 QAM	1	0	40545	2585.5	41	15	256 QAM	1	74	40695	2600.5	17.19
					1	74						1	0			22.36
		41	15	256 QAM	1	0	41365	2667.5	41	15	256 QAM	1	74	41515	2682.5	17.33
					1	74						1	0			22.18

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
		Total														
Intra Band Conti- guous	CA_41C	41	15	256 QAM	1	0	39728	2503.8	41	20	256 QAM	1	99	39899	2520.9	17.10
					1	74						1	0			22.26
		41	15	256 QAM	1	0	40523	2583.3	41	20	256 QAM	1	99	40694	2600.4	16.99
					1	74						1	0			22.04
		41	15	256 QAM	1	0	41319	2662.9	41	20	256 QAM	1	99	41490	2680	17.26
					1	74						1	0			22.16
Intra Band Conti- guous	CA_41C	41	10	256 QAM	1	0	39703	2501.3	41	15	256 QAM	1	74	39823	2513.3	17.16
					1	49						1	0			22.03
		41	10	256 QAM	1	0	40549	2585.9	41	15	256 QAM	1	74	40669	2597.9	17.67
					1	49						1	0			22.43
		41	10	256 QAM	1	0	41395	2670.5	41	15	256 QAM	1	74	41515	2682.5	17.29
					1	49						1	0			22.60
Intra Band Conti- guous	CA_41C	41	10	256 QAM	1	0	39705	2501.5	41	20	256 QAM	1	99	39849	2515.9	17.04
					1	49						1	0			21.93
		41	10	256 QAM	1	0	40526	2583.6	41	20	256 QAM	1	99	40670	2598	17.11
					1	49						1	0			22.28
		41	10	256 QAM	1	0	41346	2665.6	41	20	256 QAM	1	99	41490	2680	17.42
					1	49						1	0			22.40
Intra Band Conti- guous	CA_41C	41	5	256 QAM	1	0	39683	2499.3	41	20	256 QAM	1	99	39800	2511	17.28
					1	24						1	0			22.22
		41	5	256 QAM	1	0	40528	2583.8	41	20	256 QAM	1	99	40645	2595.5	17.35
					1	24						1	0			21.97
		41	5	256 QAM	1	0	41373	2668.3	41	20	256 QAM	1	99	41490	2680	17.53
					1	24						1	0			22.17

LTE Band 66 (CA 66C)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
		Total														
Intra Band Conti- guous	CA_66C	66	20	QPSK	1	0	132072	1720	66	20	QPSK	1	99	132270	1739.8	17.68
					1	99						1	0			24.25
		66	20	QPSK	1	0	132323	1745.1	66	20	QPSK	1	99	132521	1764.9	17.52
					1	99						1	0			24.32
		66	20	QPSK	1	0	132374	1750.2	66	20	QPSK	1	99	132572	1770	17.32
					1	99						1	0			24.11
Intra Band Conti- guous	CA_66C	66	20	QPSK	1	0	132072	1720	66	15	QPSK	1	74	132243	1737.1	17.07
					1	99						1	0			23.93
		66	20	QPSK	1	0	132348	1747.6	66	15	QPSK	1	74	132519	1764.7	16.89
					1	99						1	0			23.91
		66	20	QPSK	1	0	132423	1755.1	66	15	QPSK	1	74	132594	1772.2	17.05
					1	99						1	0			24.21
Intra Band Conti- guous	CA_66C	66	20	QPSK	1	0	132072	1720	66	10	QPSK	1	49	132216	1734.4	16.64
					1	99						1	0			23.66
		66	20	QPSK	1	0	132373	1750.1	66	10	QPSK	1	49	132517	1764.5	17.11
					1	99						1	0			23.85
		66	20	QPSK	1	0	132473	1760.1	66	10	QPSK	1	49	132617	1774.5	16.94
					1	99						1	0			23.86
Intra Band Conti- guous	CA_66C	66	20	QPSK	1	0	132072	1720	66	5	QPSK	1	24	132189	1731.7	16.86
					1	99						1	0			23.88
		66	20	QPSK	1	0	132397	1752.5	66	5	QPSK	1	24	132514	1764.2	16.94
					1	99						1	0			23.22
		66	20	QPSK	1	0	132522	1765	66	5	QPSK	1	24	132639	1776.7	16.58
					1	99						1	0			23.31
Intra Band Conti- guous	CA_66C	66	5	QPSK	1	0	132005	1713.3	66	20	QPSK	1	99	132122	1725	16.89
					1	24						1	0			24.13
		66	5	QPSK	1	0	132330	1745.8	66	20	QPSK	1	99	132447	1757.5	16.79
					1	24						1	0			24.00
		66	5	QPSK	1	0	132455	1758.3	66	20	QPSK	1	99	132572	1770	16.86
					1	24						1	0			23.88
Intra Band Conti- guous	CA_66C	66	10	QPSK	1	0	132027	1715.5	66	20	QPSK	1	99	132171	1729.9	17.05
					1	49						1	0			23.80
		66	10	QPSK	1	0	132328	1745.6	66	20	QPSK	1	99	132472	1760	16.40
					1	49						1	0			24.04
		66	10	QPSK	1	0	132428	1755.6	66	20	QPSK	1	99	132572	1770	16.46
					1	49						1	0			24.03

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
		Total														
Intra Band Conti- guous	CA_66C	66	15	QPSK	1	0	132050	1717.8	66	20	QPSK	1	99	132221	1734.9	16.75
					1	74						1	0			23.79
		66	15	QPSK	1	0	132325	1745.3	66	20	QPSK	1	99	132496	1762.4	16.53
					1	74						1	0			23.93
		66	15	QPSK	1	0	132401	1752.9	66	20	QPSK	1	99	132572	1770	16.57
					1	74						1	0			23.92
Intra Band Conti- guous	CA_66C	66	10	QPSK	1	0	132025	1715.3	66	15	QPSK	1	74	132145	1727.3	16.59
					1	49						1	0			23.82
		66	10	QPSK	1	0	132351	1747.9	66	15	QPSK	1	74	132471	1759.9	16.45
					1	49						1	0			23.76
		66	10	QPSK	1	0	132477	1760.5	66	15	QPSK	1	74	132597	1772.5	16.72
					1	49						1	0			23.72
Intra Band Conti- guous	CA_66C	66	15	QPSK	1	0	132047	1717.5	66	15	QPSK	1	74	132197	1732.5	16.78
					1	74						1	0			23.77
		66	15	QPSK	1	0	132347	1747.5	66	15	QPSK	1	74	132497	1762.5	16.87
					1	74						1	0			23.88
		66	15	QPSK	1	0	132447	1757.5	66	15	QPSK	1	74	132597	1772.5	16.93
					1	74						1	0			23.69
Intra Band Conti- guous	CA_66C	66	15	QPSK	1	0	132047	1715.3	66	10	QPSK	1	24	132167	1729.5	16.89
					1	74						1	0			23.65
		66	15	QPSK	1	0	132373	1750.1	66	10	QPSK	1	24	132493	1762.1	16.88
					1	74						1	0			24.03
		66	15	QPSK	1	0	132499	1762.7	66	10	QPSK	1	24	132619	1774.7	16.62
					1	74						1	0			23.68

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
																Total
Intra Band Conti- guous	CA_66C	66	20	16QAM	1	0	132072	1720	66	20	16QAM	1	99	132270	1739.8	17.18
					1	99						1	0			23.74
		66	20	16QAM	1	0	132323	1745.1	66	20	16QAM	1	99	132521	1764.9	17.09
					1	99						1	0			23.81
		66	20	16QAM	1	0	132374	1750.2	66	20	16QAM	1	99	132572	1770	16.80
					1	99						1	0			23.19
Intra Band Conti- guous	CA_66C	66	20	16QAM	1	0	132072	1720	66	15	16QAM	1	74	132243	1737.1	16.60
					1	99						1	0			23.38
		66	20	16QAM	1	0	132348	1747.6	66	15	16QAM	1	74	132519	1764.7	16.24
					1	99						1	0			23.49
		66	20	16QAM	1	0	132423	1755.1	66	15	16QAM	1	74	132594	1772.2	16.56
					1	99						1	0			23.58
Intra Band Conti- guous	CA_66C	66	20	16QAM	1	0	132072	1720	66	10	16QAM	1	49	132216	1734.4	16.22
					1	99						1	0			23.28
		66	20	16QAM	1	0	132373	1750.1	66	10	16QAM	1	49	132517	1764.5	16.58
					1	99						1	0			23.43
		66	20	16QAM	1	0	132473	1760.1	66	10	16QAM	1	49	132617	1774.5	16.44
					1	99						1	0			23.38
Intra Band Conti- guous	CA_66C	66	20	16QAM	1	0	132072	1720	66	5	16QAM	1	24	132189	1731.7	16.50
					1	99						1	0			23.45
		66	20	16QAM	1	0	132397	1752.5	66	5	16QAM	1	24	132514	1764.2	16.52
					1	99						1	0			22.77
		66	20	16QAM	1	0	132522	1765	66	5	16QAM	1	24	132639	1776.7	16.00
					1	99						1	0			22.75
Intra Band Conti- guous	CA_66C	66	5	16QAM	1	0	132005	1713.3	66	20	16QAM	1	99	132122	1725	16.40
					1	24						1	0			23.60
		66	5	16QAM	1	0	132330	1745.8	66	20	16QAM	1	99	132447	1757.5	16.36
					1	24						1	0			23.47
		66	5	16QAM	1	0	132455	1758.3	66	20	16QAM	1	99	132572	1770	16.40
					1	24						1	0			23.31
Intra Band Conti- guous	CA_66C	66	10	16QAM	1	0	132027	1715.5	66	20	16QAM	1	99	132171	1729.9	16.69
					1	49						1	0			23.36
		66	10	16QAM	1	0	132328	1745.6	66	20	16QAM	1	99	132472	1760	15.94
					1	49						1	0			23.49
		66	10	16QAM	1	0	132428	1755.6	66	20	16QAM	1	99	132572	1770	16.02
					1	49						1	0			23.57

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
																Total
Intra Band Conti- guous	CA_66C	66	15	16QAM	1	0	132050	1717.8	66	20	16QAM	1	99	132221	1734.9	16.20
					1	74						1	0			23.33
		66	15	16QAM	1	0	132325	1745.3	66	20	16QAM	1	99	132496	1762.4	16.11
					1	74						1	0			23.45
		66	15	16QAM	1	0	132401	1752.9	66	20	16QAM	1	99	132572	1770	16.10
					1	74						1	0			23.55
Intra Band Conti- guous	CA_66C	66	10	16QAM	1	0	132025	1715.3	66	15	16QAM	1	74	132145	1727.3	16.15
					1	49						1	0			23.42
		66	10	16QAM	1	0	132351	1747.9	66	15	16QAM	1	74	132471	1759.9	16.00
					1	49						1	0			23.31
		66	10	16QAM	1	0	132477	1760.5	66	15	16QAM	1	74	132597	1772.5	16.29
					1	49						1	0			23.25
Intra Band Conti- guous	CA_66C	66	15	16QAM	1	0	132047	1717.5	66	15	16QAM	1	74	132197	1732.5	16.35
					1	74						1	0			23.25
		66	15	16QAM	1	0	132347	1747.5	66	15	16QAM	1	74	132497	1762.5	16.41
					1	74						1	0			23.35
		66	15	16QAM	1	0	132447	1757.5	66	15	16QAM	1	74	132597	1772.5	16.40
					1	74						1	0			23.32
Intra Band Conti- guous	CA_66C	66	15	16QAM	1	0	132047	1715.3	66	10	16QAM	1	24	132167	1729.5	16.49
					1	74						1	0			23.29
		66	15	16QAM	1	0	132373	1750.1	66	10	16QAM	1	24	132493	1762.1	16.49
					1	74						1	0			23.58
		66	15	16QAM	1	0	132499	1762.7	66	10	16QAM	1	24	132619	1774.7	16.18
					1	74						1	0			23.30

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
																Total
Intra Band Conti- guous	CA_66C	66	20	64QAM	1	0	132072	1720	66	20	64QAM	1	99	132270	1739.8	16.89
					1	99						1	0			23.31
		66	20	64QAM	1	0	132323	1745.1	66	20	64QAM	1	99	132521	1764.9	16.70
					1	99						1	0			23.46
		66	20	64QAM	1	0	132374	1750.2	66	20	64QAM	1	99	132572	1770	16.49
					1	99						1	0			23.31
Intra Band Conti- guous	CA_66C	66	20	64QAM	1	0	132072	1720	66	15	64QAM	1	74	132243	1737.1	16.06
					1	99						1	0			22.65
		66	20	64QAM	1	0	132348	1747.6	66	15	64QAM	1	74	132519	1764.7	15.75
					1	99						1	0			23.01
		66	20	64QAM	1	0	132423	1755.1	66	15	64QAM	1	74	132594	1772.2	15.86
					1	99						1	0			22.84
Intra Band Conti- guous	CA_66C	66	20	64QAM	1	0	132072	1720	66	10	64QAM	1	49	132216	1734.4	15.72
					1	99						1	0			22.51
		66	20	64QAM	1	0	132373	1750.1	66	10	64QAM	1	49	132517	1764.5	16.02
					1	99						1	0			22.87
		66	20	64QAM	1	0	132473	1760.1	66	10	64QAM	1	49	132617	1774.5	15.77
					1	99						1	0			22.87
Intra Band Conti- guous	CA_66C	66	20	64QAM	1	0	132072	1720	66	5	64QAM	1	24	132189	1731.7	15.84
					1	99						1	0			22.73
		66	20	64QAM	1	0	132397	1752.5	66	5	64QAM	1	24	132514	1764.2	15.72
					1	99						1	0			21.99
		66	20	64QAM	1	0	132522	1765	66	5	64QAM	1	24	132639	1776.7	15.43
					1	99						1	0			22.18
Intra Band Conti- guous	CA_66C	66	5	64QAM	1	0	132005	1713.3	66	20	64QAM	1	99	132122	1725	15.81
					1	24						1	0			22.90
		66	5	64QAM	1	0	132330	1745.8	66	20	64QAM	1	99	132447	1757.5	15.71
					1	24						1	0			22.79
		66	5	64QAM	1	0	132455	1758.3	66	20	64QAM	1	99	132572	1770	15.71
					1	24						1	0			22.88
Intra Band Conti- guous	CA_66C	66	10	64QAM	1	0	132027	1715.5	66	20	64QAM	1	99	132171	1729.9	15.99
					1	49						1	0			22.79
		66	10	64QAM	1	0	132328	1745.6	66	20	64QAM	1	99	132472	1760	15.24
					1	49						1	0			22.91
		66	10	64QAM	1	0	132428	1755.6	66	20	64QAM	1	99	132572	1770	15.42
					1	49						1	0			22.97

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
		Total														
Intra Band Conti- guous	CA_66C	66	15	64QAM	1	0	132050	1717.8	66	20	64QAM	1	99	132221	1734.9	15.75
					1	74						1	0			22.72
		66	15	64QAM	1	0	132325	1745.3	66	20	64QAM	1	99	132496	1762.4	15.44
					1	74						1	0			22.81
		66	15	64QAM	1	0	132401	1752.9	66	20	64QAM	1	99	132572	1770	15.42
					1	74						1	0			22.81
Intra Band Conti- guous	CA_66C	66	10	64QAM	1	0	132025	1715.3	66	15	64QAM	1	74	132145	1727.3	15.43
					1	49						1	0			22.90
		66	10	64QAM	1	0	132351	1747.9	66	15	64QAM	1	74	132471	1759.9	15.32
					1	49						1	0			22.59
		66	10	64QAM	1	0	132477	1760.5	66	15	64QAM	1	74	132597	1772.5	15.57
					1	49						1	0			22.68
Intra Band Conti- guous	CA_66C	66	15	64QAM	1	0	132047	1717.5	66	15	64QAM	1	74	132197	1732.5	15.73
					1	74						1	0			22.62
		66	15	64QAM	1	0	132347	1747.5	66	15	64QAM	1	74	132497	1762.5	15.66
					1	74						1	0			22.71
		66	15	64QAM	1	0	132447	1757.5	66	15	64QAM	1	74	132597	1772.5	15.91
					1	74						1	0			22.56
Intra Band Conti- guous	CA_66C	66	15	64QAM	1	0	132047	1715.3	66	10	64QAM	1	24	132167	1729.5	15.67
					1	74						1	0			22.59
		66	15	64QAM	1	0	132373	1750.1	66	10	64QAM	1	24	132493	1762.1	15.79
					1	74						1	0			22.86
		66	15	64QAM	1	0	132499	1762.7	66	10	64QAM	1	24	132619	1774.7	15.73
					1	74						1	0			22.53

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
																Total
Intra Band Conti- guous	CA_66C	66	20	256 QAM	1	0	132072	1720	66	20	256 QAM	1	99	132270	1739.8	15.99
					1	99						1	0			22.28
		66	20	256 QAM	1	0	132323	1745.1	66	20	256 QAM	1	99	132521	1764.9	15.62
					1	99						1	0			22.32
		66	20	256 QAM	1	0	132374	1750.2	66	20	256 QAM	1	99	132572	1770	15.40
					1	99						1	0			22.05
Intra Band Conti- guous	CA_66C	66	20	256 QAM	1	0	132072	1720	66	15	256 QAM	1	74	132243	1737.1	15.07
					1	99						1	0			21.87
		66	20	256 QAM	1	0	132348	1747.6	66	15	256 QAM	1	74	132519	1764.7	14.73
					1	99						1	0			22.30
		66	20	256 QAM	1	0	132423	1755.1	66	15	256 QAM	1	74	132594	1772.2	14.70
					1	99						1	0			22.21
Intra Band Conti- guous	CA_66C	66	20	256 QAM	1	0	132072	1720	66	10	256 QAM	1	49	132216	1734.4	14.78
					1	99						1	0			21.60
		66	20	256 QAM	1	0	132373	1750.1	66	10	256 QAM	1	49	132517	1764.5	15.04
					1	99						1	0			21.68
		66	20	256 QAM	1	0	132473	1760.1	66	10	256 QAM	1	49	132617	1774.5	15.11
					1	99						1	0			22.20
Intra Band Conti- guous	CA_66C	66	20	256 QAM	1	0	132072	1720	66	5	256 QAM	1	24	132189	1731.7	14.67
					1	99						1	0			21.82
		66	20	256 QAM	1	0	132397	1752.5	66	5	256 QAM	1	24	132514	1764.2	14.90
					1	99						1	0			21.06
		66	20	256 QAM	1	0	132522	1765	66	5	256 QAM	1	24	132639	1776.7	14.51
					1	99						1	0			21.23
Intra Band Conti- guous	CA_66C	66	5	256 QAM	1	0	132005	1713.3	66	20	256 QAM	1	99	132122	1725	15.11
					1	24						1	0			21.97
		66	5	256 QAM	1	0	132330	1745.8	66	20	256 QAM	1	99	132447	1757.5	14.45
					1	24						1	0			21.70
		66	5	256 QAM	1	0	132455	1758.3	66	20	256 QAM	1	99	132572	1770	14.60
					1	24						1	0			21.73
Intra Band Conti- guous	CA_66C	66	10	256 QAM	1	0	132027	1715.5	66	20	256 QAM	1	99	132171	1729.9	15.08
					1	49						1	0			22.06
		66	10	256 QAM	1	0	132328	1745.6	66	20	256 QAM	1	99	132472	1760	14.21
					1	49						1	0			21.94
		66	10	256 QAM	1	0	132428	1755.6	66	20	256 QAM	1	99	132572	1770	14.44
					1	49						1	0			21.95

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
		Total														
Intra Band Conti- guous	CA_66C	66	15	256 QAM	1	0	132050	1717.8	66	20	256 QAM	1	99	132221	1734.9	15.06
					1	74						1	0			21.49
		66	15	256 QAM	1	0	132325	1745.3	66	20	256 QAM	1	99	132496	1762.4	14.48
					1	74						1	0			21.94
		66	15	256 QAM	1	0	132401	1752.9	66	20	256 QAM	1	99	132572	1770	14.65
					1	74						1	0			21.89
Intra Band Conti- guous	CA_66C	66	10	256 QAM	1	0	132025	1715.3	66	15	256 QAM	1	74	132145	1727.3	14.63
					1	49						1	0			22.15
		66	10	256 QAM	1	0	132351	1747.9	66	15	256 QAM	1	74	132471	1759.9	14.33
					1	49						1	0			21.78
		66	10	256 QAM	1	0	132477	1760.5	66	15	256 QAM	1	74	132597	1772.5	14.52
					1	49						1	0			21.37
Intra Band Conti- guous	CA_66C	66	15	256 QAM	1	0	132047	1717.5	66	15	256 QAM	1	74	132197	1732.5	14.76
					1	74						1	0			21.53
		66	15	256 QAM	1	0	132347	1747.5	66	15	256 QAM	1	74	132497	1762.5	14.63
					1	74						1	0			21.83
		66	15	256 QAM	1	0	132447	1757.5	66	15	256 QAM	1	74	132597	1772.5	15.07
					1	74						1	0			21.85
Intra Band Conti- guous	CA_66C	66	15	256 QAM	1	0	132047	1715.3	66	10	256 QAM	1	24	132167	1729.5	14.64
					1	74						1	0			21.70
		66	15	256 QAM	1	0	132373	1750.1	66	10	256 QAM	1	24	132493	1762.1	15.03
					1	74						1	0			21.76
		66	15	256 QAM	1	0	132499	1762.7	66	10	256 QAM	1	24	132619	1774.7	14.91
					1	74						1	0			21.74

LTE Band 66 (CA 66B)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
		Total														
Intra Band Conti- guous	CA_66B	66	10	QPSK	1	0	132022	1715	66	10	QPSK	1	49	132121	1724.9	15.12
					1	49						1	0			24.02
		66	10	QPSK	1	0	132373	1750.1	66	10	QPSK	1	49	132472	1760	14.90
					1	49						1	0			23.91
		66	10	QPSK	1	0	132523	1765.1	66	10	QPSK	1	49	132622	1775	14.86
					1	49						1	0			23.79
Intra Band Conti- guous	CA_66B	66	5	QPSK	1	0	132002	1713	66	15	QPSK	1	79	132095	1722.3	15.05
					1	24						1	0			23.93
		66	5	QPSK	1	0	132353	1748.1	66	15	QPSK	1	79	132447	1757.4	14.79
					1	24						1	0			23.83
		66	5	QPSK	1	0	132504	1763.2	66	15	QPSK	1	79	132597	1772.5	14.80
					1	24						1	0			23.67
Intra Band Conti- guous	CA_66B	66	15	QPSK	1	0	132047	1717.5	66	5	QPSK	1	24	132140	1726.8	15.03
					1	74						1	0			23.84
		66	15	QPSK	1	0	132398	1752.6	66	5	QPSK	1	24	132491	1761.9	14.78
					1	74						1	0			23.78
		66	15	QPSK	1	0	132549	1767.7	66	5	QPSK	1	24	132642	1777	14.69
					1	74						1	0			23.64
Intra Band Conti- guous	CA_66B	66	5	QPSK	1	0	132000	1712.8	66	10	QPSK	1	49	132072	1720	14.77
					1	24						1	0			23.72
		66	5	QPSK	1	0	132375	1750.3	66	10	QPSK	1	49	132447	1757.5	14.49
					1	24						1	0			23.53
		66	5	QPSK	1	0	132550	1767.8	66	10	QPSK	1	49	132622	1775	14.40
					1	24						1	0			23.41
Intra Band Conti- guous	CA_66B	66	10	QPSK	1	0	132022	1715	66	5	QPSK	1	24	132094	1722.2	14.73
					1	49						1	0			23.55
		66	10	QPSK	1	0	132397	1752.5	66	5	QPSK	1	24	132469	1759.7	14.52
					1	49						1	0			23.53
		66	10	QPSK	1	0	132572	1770	66	5	QPSK	1	24	132644	1777.2	14.52
					1	49						1	0			23.46
Intra Band Conti- guous	CA_66B	66	5	QPSK	1	0	131997	1712.5	66	5	QPSK	1	24	132045	1717.3	14.78
					1	24						1	0			23.62
		66	5	QPSK	1	0	132398	1752.6	66	5	QPSK	1	24	132446	1757.4	14.53
					1	24						1	0			23.39
		66	5	QPSK	1	0	132599	1772.7	66	5	QPSK	1	24	132647	1777.5	14.34
					1	24						1	0			23.33

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
																Total
Intra Band Conti- guous	CA_66B	66	10	16QAM	1	0	132022	1715	66	10	16QAM	1	49	132121	1724.9	14.71
					1	49						1	0			23.50
		66	10	16QAM	1	0	132373	1750.1	66	10	16QAM	1	49	132472	1760	14.54
					1	49						1	0			23.48
		66	10	16QAM	1	0	132523	1765.1	66	10	16QAM	1	49	132622	1775	14.40
					1	49						1	0			23.42
Intra Band Conti- guous	CA_66B	66	5	16QAM	1	0	132002	1713	66	15	16QAM	1	79	132095	1722.3	14.35
					1	24						1	0			23.23
		66	5	16QAM	1	0	132353	1748.1	66	15	16QAM	1	79	132447	1757.4	14.03
					1	24						1	0			23.09
		66	5	16QAM	1	0	132504	1763.2	66	15	16QAM	1	79	132597	1772.5	14.05
					1	24						1	0			22.98
Intra Band Conti- guous	CA_66B	66	15	16QAM	1	0	132047	1717.5	66	5	16QAM	1	24	132140	1726.8	14.25
					1	74						1	0			23.25
		66	15	16QAM	1	0	132398	1752.6	66	5	16QAM	1	24	132491	1761.9	14.07
					1	74						1	0			22.94
		66	15	16QAM	1	0	132549	1767.7	66	5	16QAM	1	24	132642	1777	14.13
					1	74						1	0			23.00
Intra Band Conti- guous	CA_66B	66	5	16QAM	1	0	132000	1712.8	66	10	16QAM	1	49	132072	1720	14.01
					1	24						1	0			23.00
		66	5	16QAM	1	0	132375	1750.3	66	10	16QAM	1	49	132447	1757.5	13.79
					1	24						1	0			22.82
		66	5	16QAM	1	0	132550	1767.8	66	10	16QAM	1	49	132622	1775	13.82
					1	24						1	0			22.76
Intra Band Conti- guous	CA_66B	66	10	16QAM	1	0	132022	1715	66	5	16QAM	1	24	132094	1722.2	14.10
					1	49						1	0			22.86
		66	10	16QAM	1	0	132397	1752.5	66	5	16QAM	1	24	132469	1759.7	13.78
					1	49						1	0			22.79
		66	10	16QAM	1	0	132572	1770	66	5	16QAM	1	24	132644	1777.2	13.86
					1	49						1	0			22.67
Intra Band Conti- guous	CA_66B	66	5	16QAM	1	0	131997	1712.5	66	5	16QAM	1	24	132045	1717.3	13.95
					1	24						1	0			22.90
		66	5	16QAM	1	0	132398	1752.6	66	5	16QAM	1	24	132446	1757.4	13.71
					1	24						1	0			22.70
		66	5	16QAM	1	0	132599	1772.7	66	5	16QAM	1	24	132647	1777.5	13.77
					1	24						1	0			22.67

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
		Total														
Intra Band Conti- guous	CA_66B	66	10	64QAM	1	0	132022	1715	66	10	64QAM	1	49	132121	1724.9	14.24
					1	49						1	0			23.22
		66	10	64QAM	1	0	132373	1750.1	66	10	64QAM	1	49	132472	1760	14.00
					1	49						1	0			23.12
		66	10	64QAM	1	0	132523	1765.1	66	10	64QAM	1	49	132622	1775	14.11
					1	49						1	0			22.91
Intra Band Conti- guous	CA_66B	66	5	64QAM	1	0	132002	1713	66	15	64QAM	1	79	132095	1722.3	13.91
					1	24						1	0			22.80
		66	5	64QAM	1	0	132353	1748.1	66	15	64QAM	1	79	132447	1757.4	13.60
					1	24						1	0			22.64
		66	5	64QAM	1	0	132504	1763.2	66	15	64QAM	1	79	132597	1772.5	13.65
					1	24						1	0			22.62
Intra Band Conti- guous	CA_66B	66	15	64QAM	1	0	132047	1717.5	66	5	64QAM	1	24	132140	1726.8	13.88
					1	74						1	0			22.77
		66	15	64QAM	1	0	132398	1752.6	66	5	64QAM	1	24	132491	1761.9	13.71
					1	74						1	0			22.60
		66	15	64QAM	1	0	132549	1767.7	66	5	64QAM	1	24	132642	1777	13.68
					1	74						1	0			22.55
Intra Band Conti- guous	CA_66B	66	5	64QAM	1	0	132000	1712.8	66	10	64QAM	1	49	132072	1720	13.62
					1	24						1	0			22.62
		66	5	64QAM	1	0	132375	1750.3	66	10	64QAM	1	49	132447	1757.5	13.36
					1	24						1	0			22.37
		66	5	64QAM	1	0	132550	1767.8	66	10	64QAM	1	49	132622	1775	13.33
					1	24						1	0			22.21
Intra Band Conti- guous	CA_66B	66	10	64QAM	1	0	132022	1715	66	5	64QAM	1	24	132094	1722.2	13.81
					1	49						1	0			22.49
		66	10	64QAM	1	0	132397	1752.5	66	5	64QAM	1	24	132469	1759.7	13.41
					1	49						1	0			22.43
		66	10	64QAM	1	0	132572	1770	66	5	64QAM	1	24	132644	1777.2	13.40
					1	49						1	0			22.36
Intra Band Conti- guous	CA_66B	66	5	64QAM	1	0	131997	1712.5	66	5	64QAM	1	24	132045	1717.3	13.63
					1	24						1	0			22.46
		66	5	64QAM	1	0	132398	1752.6	66	5	64QAM	1	24	132446	1757.4	13.43
					1	24						1	0			22.46
		66	5	64QAM	1	0	132599	1772.7	66	5	64QAM	1	24	132647	1777.5	13.32
					1	24						1	0			22.24

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Tx Power with UL-CA Active (dBm)
																Total
Intra Band Conti- guous	CA_66B	66	10	256 QAM	1	0	132022	1715	66	10	256 QAM	1	49	132121	1724.9	13.27
					1	49						1	0			22.43
		66	10	256 QAM	1	0	132373	1750.1	66	10	256 QAM	1	49	132472	1760	13.11
					1	49						1	0			22.41
		66	10	256 QAM	1	0	132523	1765.1	66	10	256 QAM	1	49	132622	1775	12.99
					1	49						1	0			21.90
Intra Band Conti- guous	CA_66B	66	5	256 QAM	1	0	132002	1713	66	15	256 QAM	1	79	132095	1722.3	12.84
					1	24						1	0			22.13
		66	5	256 QAM	1	0	132353	1748.1	66	15	256 QAM	1	79	132447	1757.4	12.86
					1	24						1	0			21.90
		66	5	256 QAM	1	0	132504	1763.2	66	15	256 QAM	1	79	132597	1772.5	12.64
					1	24						1	0			21.76
Intra Band Conti- guous	CA_66B	66	15	256 QAM	1	0	132047	1717.5	66	5	256 QAM	1	24	132140	1726.8	12.93
					1	74						1	0			22.26
		66	15	256 QAM	1	0	132398	1752.6	66	5	256 QAM	1	24	132491	1761.9	12.56
					1	74						1	0			21.56
		66	15	256 QAM	1	0	132549	1767.7	66	5	256 QAM	1	24	132642	1777	12.81
					1	74						1	0			21.73
Intra Band Conti- guous	CA_66B	66	5	256 QAM	1	0	132000	1712.8	66	10	256 QAM	1	49	132072	1720	12.67
					1	24						1	0			21.81
		66	5	256 QAM	1	0	132375	1750.3	66	10	256 QAM	1	49	132447	1757.5	12.31
					1	24						1	0			21.45
		66	5	256 QAM	1	0	132550	1767.8	66	10	256 QAM	1	49	132622	1775	12.35
					1	24						1	0			21.06
Intra Band Conti- guous	CA_66B	66	10	256 QAM	1	0	132022	1715	66	5	256 QAM	1	24	132094	1722.2	12.67
					1	49						1	0			21.64
		66	10	256 QAM	1	0	132397	1752.5	66	5	256 QAM	1	24	132469	1759.7	12.18
					1	49						1	0			21.48
		66	10	256 QAM	1	0	132572	1770	66	5	256 QAM	1	24	132644	1777.2	12.62
					1	49						1	0			21.59
Intra Band Conti- guous	CA_66B	66	5	256 QAM	1	0	131997	1712.5	66	5	256 QAM	1	24	132045	1717.3	12.93
					1	24						1	0			21.34
		66	5	256 QAM	1	0	132398	1752.6	66	5	256 QAM	1	24	132446	1757.4	12.40
					1	24						1	0			21.55
		66	5	256 QAM	1	0	132599	1772.7	66	5	256 QAM	1	24	132647	1777.5	12.43
					1	24						1	0			21.26

EIRP Power (dBm) **LTE Band 7 (CA 7C)**

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	EIRP (dBm)
		Total														
Intra Band Conti- guous	CA_7C	7	15	QPSK	1	0	20828	2507.8	7	20	QPSK	1	99	20999	2524.9	22.65
					1	74						1	0			28.54
		7	15	QPSK	1	0	21003	2525.3	7	20	QPSK	1	99	21174	2542.4	22.48
					1	74						1	0			28.57
		7	15	QPSK	1	0	21179	2542.9	7	20	QPSK	1	99	21350	2560	22.37
					1	74						1	0			28.35
Intra Band Conti- guous	CA_7C	7	20	QPSK	1	0	20850	2510	7	15	QPSK	1	74	21021	2527.1	22.43
					1	99						1	0			27.79
		7	20	QPSK	1	0	21025	2527.5	7	15	QPSK	1	74	21196	2544.6	22.39
					1	99						1	0			28.48
		7	20	QPSK	1	0	21201	2545.1	7	15	QPSK	1	74	21372	2562.2	22.27
					1	99						1	0			28.45
Intra Band Conti- guous	CA_7C	7	15	QPSK	1	0	20825	2507.5	7	15	QPSK	1	74	20975	2522.5	22.21
					1	74						1	0			28.43
		7	15	QPSK	1	0	21025	2527.5	7	15	QPSK	1	74	21175	2542.5	22.27
					1	74						1	0			28.41
		7	15	QPSK	1	0	21225	2547.5	7	15	QPSK	1	74	21375	2562.5	22.29
					1	74						1	0			28.46
Intra Band Conti- guous	CA_7C	7	15	QPSK	1	0	20825	2507.5	7	10	QPSK	1	49	20945	2519.5	20.98
					1	74						1	0			28.43
		7	15	QPSK	1	0	21051	2530.1	7	10	QPSK	1	49	21171	2542.1	20.34
					1	74						1	0			28.23
		7	15	QPSK	1	0	21277	2552.7	7	10	QPSK	1	49	21397	2564.7	20.25
					1	74						1	0			28.12
Intra Band Conti- guous	CA_7C	7	10	QPSK	1	0	20805	2505.5	7	20	QPSK	1	99	20949	2519.9	22.21
					1	49						1	0			28.20
		7	10	QPSK	1	0	21006	2525.6	7	20	QPSK	1	99	21150	2540	22.21
					1	49						1	0			28.39
		7	10	QPSK	1	0	21206	2545.6	7	20	QPSK	1	99	21350	2560	22.20
					1	49						1	0			28.15
Intra Band Conti- guous	CA_7C	7	20	QPSK	1	0	20850	2510	7	10	QPSK	1	49	20994	2524.4	22.33
					1	99						1	0			28.14
		7	20	QPSK	1	0	21051	2530.1	7	10	QPSK	1	49	21195	2544.5	22.43
					1	99						1	0			28.20
		7	20	QPSK	1	0	21251	2550.1	7	10	QPSK	1	49	21395	2564.5	22.35
					1	99						1	0			27.88
Intra Band Conti- guous	CA_7C	7	20	QPSK	1	0	20850	2510	7	20	QPSK	1	99	21048	2529.8	12.99
					1	99						1	0			28.43
		7	20	QPSK	1	0	21001	2525.1	7	20	QPSK	1	99	21199	2544.9	12.93
					1	99						1	0			28.31
		7	20	QPSK	1	0	21152	2540.2	7	20	QPSK	1	99	21350	2560	12.82
					1	99						1	0			28.37

*EIRP = Conducted + antenna gain (5.31dBi)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	EIRP (dBm)
																Total
Intra Band Conti- guous	CA_7C	7	15	16QAM	1	0	20828	2507.8	7	20	16QAM	1	99	20999	2524.9	22.13
					1	74						1	0			27.76
		7	15	16QAM	1	0	21003	2525.3	7	20	16QAM	1	99	21174	2542.4	21.93
					1	74						1	0			28.03
		7	15	16QAM	1	0	21179	2542.9	7	20	16QAM	1	99	21350	2560	21.95
					1	74						1	0			27.89
Intra Band Conti- guous	CA_7C	7	20	16QAM	1	0	20850	2510	7	15	16QAM	1	74	21021	2527.1	22.08
					1	99						1	0			26.91
		7	20	16QAM	1	0	21025	2527.5	7	15	16QAM	1	74	21196	2544.6	21.96
					1	99						1	0			27.97
		7	20	16QAM	1	0	21201	2545.1	7	15	16QAM	1	74	21372	2562.2	21.84
					1	99						1	0			27.56
Intra Band Conti- guous	CA_7C	7	15	16QAM	1	0	20825	2507.5	7	15	16QAM	1	74	20975	2522.5	21.92
					1	74						1	0			27.54
		7	15	16QAM	1	0	21025	2527.5	7	15	16QAM	1	74	21175	2542.5	21.74
					1	74						1	0			27.40
		7	15	16QAM	1	0	21225	2547.5	7	15	16QAM	1	74	21375	2562.5	21.92
					1	74						1	0			27.51
Intra Band Conti- guous	CA_7C	7	15	16QAM	1	0	20825	2507.5	7	10	16QAM	1	49	20945	2519.5	20.37
					1	74						1	0			27.37
		7	15	16QAM	1	0	21051	2530.1	7	10	16QAM	1	49	21171	2542.1	20.08
					1	74						1	0			27.35
		7	15	16QAM	1	0	21277	2552.7	7	10	16QAM	1	49	21397	2564.7	20.03
					1	74						1	0			27.08
Intra Band Conti- guous	CA_7C	7	10	16QAM	1	0	20805	2505.5	7	20	16QAM	1	99	20949	2519.9	22.12
					1	49						1	0			27.46
		7	10	16QAM	1	0	21006	2525.6	7	20	16QAM	1	99	21150	2540	22.09
					1	49						1	0			27.40
		7	10	16QAM	1	0	21206	2545.6	7	20	16QAM	1	99	21350	2560	22.16
					1	49						1	0			27.45
Intra Band Conti- guous	CA_7C	7	20	16QAM	1	0	20850	2510	7	10	16QAM	1	49	20994	2524.4	22.22
					1	99						1	0			27.57
		7	20	16QAM	1	0	21051	2530.1	7	10	16QAM	1	49	21195	2544.5	22.24
					1	99						1	0			27.98
		7	20	16QAM	1	0	21251	2550.1	7	10	16QAM	1	49	21395	2564.5	22.17
					1	99						1	0			27.03
Intra Band Conti- guous	CA_7C	7	20	16QAM	1	0	20850	2510	7	20	16QAM	1	99	21048	2529.8	12.67
					1	99						1	0			27.58
		7	20	16QAM	1	0	21001	2525.1	7	20	16QAM	1	99	21199	2544.9	12.50
					1	99						1	0			27.74
		7	20	16QAM	1	0	21152	2540.2	7	20	16QAM	1	99	21350	2560	12.61
					1	99						1	0			27.71

*EIRP = Conducted + antenna gain (5.31dBi)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	EIRP (dBm)
																Total
Intra Band Conti- guous	CA_7C	7	15	64QAM	1	0	20828	2507.8	7	20	64QAM	1	99	20999	2524.9	21.69
					1	74						1	0			27.58
		7	15	64QAM	1	0	21003	2525.3	7	20	64QAM	1	99	21174	2542.4	21.74
					1	74						1	0			27.62
		7	15	64QAM	1	0	21179	2542.9	7	20	64QAM	1	99	21350	2560	21.58
					1	74						1	0			27.56
Intra Band Conti- guous	CA_7C	7	20	64QAM	1	0	20850	2510	7	15	64QAM	1	74	21021	2527.1	21.67
					1	99						1	0			25.43
		7	20	64QAM	1	0	21025	2527.5	7	15	64QAM	1	74	21196	2544.6	21.52
					1	99						1	0			25.87
		7	20	64QAM	1	0	21201	2545.1	7	15	64QAM	1	74	21372	2562.2	21.45
					1	99						1	0			25.06
Intra Band Conti- guous	CA_7C	7	15	64QAM	1	0	20825	2507.5	7	15	64QAM	1	74	20975	2522.5	21.67
					1	74						1	0			24.76
		7	15	64QAM	1	0	21025	2527.5	7	15	64QAM	1	74	21175	2542.5	21.64
					1	74						1	0			24.75
		7	15	64QAM	1	0	21225	2547.5	7	15	64QAM	1	74	21375	2562.5	21.57
					1	74						1	0			25.19
Intra Band Conti- guous	CA_7C	7	15	64QAM	1	0	20825	2507.5	7	10	64QAM	1	49	20945	2519.5	20.11
					1	74						1	0			25.70
		7	15	64QAM	1	0	21051	2530.1	7	10	64QAM	1	49	21171	2542.1	20.05
					1	74						1	0			25.48
		7	15	64QAM	1	0	21277	2552.7	7	10	64QAM	1	49	21397	2564.7	19.81
					1	74						1	0			24.53
Intra Band Conti- guous	CA_7C	7	10	64QAM	1	0	20805	2505.5	7	20	64QAM	1	99	20949	2519.9	21.66
					1	49						1	0			25.97
		7	10	64QAM	1	0	21006	2525.6	7	20	64QAM	1	99	21150	2540	21.61
					1	49						1	0			25.15
		7	10	64QAM	1	0	21206	2545.6	7	20	64QAM	1	99	21350	2560	22.05
					1	49						1	0			25.88
Intra Band Conti- guous	CA_7C	7	20	64QAM	1	0	20850	2510	7	10	64QAM	1	49	20994	2524.4	21.65
					1	99						1	0			25.45
		7	20	64QAM	1	0	21051	2530.1	7	10	64QAM	1	49	21195	2544.5	21.72
					1	99						1	0			25.62
		7	20	64QAM	1	0	21251	2550.1	7	10	64QAM	1	49	21395	2564.5	22.05
					1	99						1	0			24.65
Intra Band Conti- guous	CA_7C	7	20	64QAM	1	0	20850	2510	7	20	64QAM	1	99	21048	2529.8	12.53
					1	99						1	0			25.49
		7	20	64QAM	1	0	21001	2525.1	7	20	64QAM	1	99	21199	2544.9	12.36
					1	99						1	0			25.36
		7	20	64QAM	1	0	21152	2540.2	7	20	64QAM	1	99	21350	2560	12.38
					1	99						1	0			26.34

*EIRP = Conducted + antenna gain (5.31dBi)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	EIRP (dBm)
																Total
Intra Band Conti- guous	CA_7C	7	15	256 QAM	1	0	20828	2507.8	7	20	256 QAM	1	99	20999	2524.9	20.99
					1	74						1	0			26.90
		7	15	256 QAM	1	0	21003	2525.3	7	20	256 QAM	1	99	21174	2542.4	21.04
					1	74						1	0			26.96
		7	15	256 QAM	1	0	21179	2542.9	7	20	256 QAM	1	99	21350	2560	20.68
					1	74						1	0			26.84
Intra Band Conti- guous	CA_7C	7	20	256 QAM	1	0	20850	2510	7	15	256 QAM	1	74	21021	2527.1	21.05
					1	99						1	0			24.86
		7	20	256 QAM	1	0	21025	2527.5	7	15	256 QAM	1	74	21196	2544.6	21.16
					1	99						1	0			25.50
		7	20	256 QAM	1	0	21201	2545.1	7	15	256 QAM	1	74	21372	2562.2	20.90
					1	99						1	0			24.68
Intra Band Conti- guous	CA_7C	7	15	256 QAM	1	0	20825	2507.5	7	15	256 QAM	1	74	20975	2522.5	20.72
					1	74						1	0			24.11
		7	15	256 QAM	1	0	21025	2527.5	7	15	256 QAM	1	74	21175	2542.5	21.07
					1	74						1	0			23.65
		7	15	256 QAM	1	0	21225	2547.5	7	15	256 QAM	1	74	21375	2562.5	21.08
					1	74						1	0			24.42
Intra Band Conti- guous	CA_7C	7	15	256 QAM	1	0	20825	2507.5	7	10	256 QAM	1	49	20945	2519.5	19.34
					1	74						1	0			24.83
		7	15	256 QAM	1	0	21051	2530.1	7	10	256 QAM	1	49	21171	2542.1	19.40
					1	74						1	0			24.75
		7	15	256 QAM	1	0	21277	2552.7	7	10	256 QAM	1	49	21397	2564.7	18.95
					1	74						1	0			23.41
Intra Band Conti- guous	CA_7C	7	10	256 QAM	1	0	20805	2505.5	7	20	256 QAM	1	99	20949	2519.9	20.59
					1	49						1	0			25.41
		7	10	256 QAM	1	0	21006	2525.6	7	20	256 QAM	1	99	21150	2540	20.67
					1	49						1	0			24.38
		7	10	256 QAM	1	0	21206	2545.6	7	20	256 QAM	1	99	21350	2560	21.34
					1	49						1	0			24.89
Intra Band Conti- guous	CA_7C	7	20	256 QAM	1	0	20850	2510	7	10	256 QAM	1	49	20994	2524.4	20.54
					1	99						1	0			24.54
		7	20	256 QAM	1	0	21051	2530.1	7	10	256 QAM	1	49	21195	2544.5	20.97
					1	99						1	0			24.86
		7	20	256 QAM	1	0	21251	2550.1	7	10	256 QAM	1	49	21395	2564.5	21.31
					1	99						1	0			23.51
Intra Band Conti- guous	CA_7C	7	20	256 QAM	1	0	20850	2510	7	20	256 QAM	1	99	21048	2529.8	12.46
					1	99						1	0			25.53
		7	20	256 QAM	1	0	21001	2525.1	7	20	256 QAM	1	99	21199	2544.9	12.32
					1	99						1	0			25.35
		7	20	256 QAM	1	0	21152	2540.2	7	20	256 QAM	1	99	21350	2560	12.30
					1	99						1	0			26.41

*EIRP = Conducted + antenna gain (5.31dBi)

LTE Band 38 (CA 38C)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	EIRP (dBm)
		Total														
Intra Band Conti- guous	CA_38C	38	20	QPSK	1	0	37850	2580	38	20	QPSK	1	99	38048	2599.8	24.11
					1	99						1	0			29.80
		38	20	QPSK	1	0	37901	2585.1	38	20	QPSK	1	99	38099	2604.9	25.24
					1	99						1	0			30.02
		38	20	QPSK	1	0	37952	2590.2	38	20	QPSK	1	99	38150	2610	25.09
					1	99						1	0			30.13
Intra Band Conti- guous	CA_38C	38	15	QPSK	1	0	37825	2577.5	38	15	QPSK	1	74	37975	2592.5	23.69
					1	74						1	0			29.41
		38	15	QPSK	1	0	37925	2587.5	38	15	QPSK	1	74	38075	2602.5	24.85
					1	74						1	0			29.63
		38	15	QPSK	1	0	38025	2597.5	38	15	QPSK	1	74	38175	2612.5	24.66
					1	74						1	0			29.70

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	EIRP (dBm)
		Total														
Intra Band Conti- guous	CA_38C	38	20	16QAM	1	0	37850	2580	38	20	16QAM	1	99	38048	2599.8	23.32
					1	99						1	0			29.15
		38	20	16QAM	1	0	37901	2585.1	38	20	16QAM	1	99	38099	2604.9	24.42
					1	99						1	0			29.28
		38	20	16QAM	1	0	37952	2590.2	38	20	16QAM	1	99	38150	2610	24.47
					1	99						1	0			29.51
Intra Band Conti- guous	CA_38C	38	15	16QAM	1	0	37825	2577.5	38	15	16QAM	1	74	37975	2592.5	22.87
					1	74						1	0			28.80
		38	15	16QAM	1	0	37925	2587.5	38	15	16QAM	1	74	38075	2602.5	24.09
					1	74						1	0			28.88
		38	15	16QAM	1	0	38025	2597.5	38	15	16QAM	1	74	38175	2612.5	24.14
					1	74						1	0			29.09

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	EIRP (dBm)
		Total														
Intra Band Conti- guous	CA_38C	38	20	64QAM	1	0	37850	2580	38	20	64QAM	1	99	38048	2599.8	23.24
					1	99						1	0			28.96
		38	20	64QAM	1	0	37901	2585.1	38	20	64QAM	1	99	38099	2604.9	24.40
					1	99						1	0			28.88
		38	20	64QAM	1	0	37952	2590.2	38	20	64QAM	1	99	38150	2610	24.23
					1	99						1	0			29.07
Intra Band Conti- guous	CA_38C	38	15	64QAM	1	0	37825	2577.5	38	15	64QAM	1	74	37975	2592.5	22.87
					1	74						1	0			28.49
		38	15	64QAM	1	0	37925	2587.5	38	15	64QAM	1	74	38075	2602.5	23.92
					1	74						1	0			28.58
		38	15	64QAM	1	0	38025	2597.5	38	15	64QAM	1	74	38175	2612.5	23.83
					1	74						1	0			28.60

*EIRP = Conducted + antenna gain (5.31dBi)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	EIRP (dBm)
		Total														
Intra Band Conti- guous	CA_38C	38	20	256 QAM	1	0	37850	2580	38	20	256 QAM	1	99	38048	2599.8	22.53
					1	99						1	0			27.95
		38	20	256 QAM	1	0	37901	2585.1	38	20	256 QAM	1	99	38099	2604.9	23.45
					1	99						1	0			27.72
		38	20	256 QAM	1	0	37952	2590.2	38	20	256 QAM	1	99	38150	2610	23.23
					1	99						1	0			28.20
Intra Band Conti- guous	CA_38C	38	15	256 QAM	1	0	37825	2577.5	38	15	256 QAM	1	74	37975	2592.5	21.90
					1	74						1	0			27.71
		38	15	256 QAM	1	0	37925	2587.5	38	15	256 QAM	1	74	38075	2602.5	23.14
					1	74						1	0			27.62
		38	15	256 QAM	1	0	38025	2597.5	38	15	256 QAM	1	74	38175	2612.5	22.96
					1	74						1	0			27.82

*EIRP = Conducted + antenna gain (5.31dBi)

LTE Band 41 (CA 41C)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	EIRP (dBm)
		Total														
Intra Band Conti- guous	CA_41C	41	20	QPSK	1	0	39750	2506	41	20	QPSK	1	99	39948	2525.8	24.74
					1	99						1	0			29.97
		41	20	QPSK	1	0	40521	2583.1	41	20	QPSK	1	99	40719	2602.9	24.88
					1	99						1	0			29.98
		41	20	QPSK	1	0	41292	2660.2	41	20	QPSK	1	99	41490	2680	25.15
					1	99						1	0			30.09
Intra Band Conti- guous	CA_41C	41	20	QPSK	1	0	39750	2506	41	5	QPSK	1	24	39867	2517.7	24.33
					1	99						1	0			29.52
		41	20	QPSK	1	0	40595	2590.5	41	5	QPSK	1	24	40712	2602.2	24.50
					1	99						1	0			29.72
		41	20	QPSK	1	0	41440	2675	41	5	QPSK	1	24	41557	2686.7	24.79
					1	99						1	0			29.62
Intra Band Conti- guous	CA_41C	41	20	QPSK	1	0	39750	2506	41	10	QPSK	1	49	39894	2520.4	24.26
					1	99						1	0			29.53
		41	20	QPSK	1	0	40571	2588.1	41	10	QPSK	1	49	40715	2602.5	24.63
					1	99						1	0			29.70
		41	20	QPSK	1	0	41391	2670.1	41	10	QPSK	1	49	41535	2684.5	24.77
					1	99						1	0			29.63
Intra Band Conti- guous	CA_41C	41	20	QPSK	1	0	39750	2506	41	15	QPSK	1	74	39921	2523.1	24.40
					1	99						1	0			29.51
		41	20	QPSK	1	0	40546	2585.6	41	15	QPSK	1	74	40717	2602.7	24.53
					1	99						1	0			29.64
		41	20	QPSK	1	0	41341	2665.1	41	15	QPSK	1	74	51512	2682.2	24.85
					1	99						1	0			29.67
Intra Band Conti- guous	CA_41C	41	15	QPSK	1	0	39725	2503.5	41	10	QPSK	1	49	39845	2515.5	24.32
					1	74						1	0			29.52
		41	15	QPSK	1	0	40571	2588.1	41	10	QPSK	1	49	40691	2600.1	24.64
					1	74						1	0			29.58
		41	15	QPSK	1	0	41417	2672.7	41	10	QPSK	1	49	41537	2684.7	24.73
					1	74						1	0			29.58
Intra Band Conti- guous	CA_41C	41	15	QPSK	1	0	39725	2503.5	41	15	QPSK	1	74	39875	2518.5	24.47
					1	74						1	0			29.70
		41	15	QPSK	1	0	40545	2585.5	41	15	QPSK	1	74	40695	2600.5	24.56
					1	74						1	0			29.69
		41	15	QPSK	1	0	41365	2667.5	41	15	QPSK	1	74	41515	2682.5	24.72
					1	74						1	0			29.67

*EIRP = Conducted + antenna gain (5.31dBi)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	EIRP (dBm)
																Total
Intra Band Conti- guous	CA_41C	41	15	QPSK	1	0	39728	2503.8	41	20	QPSK	1	99	39899	2520.9	24.22
					1	74						1	0			29.53
		41	15	QPSK	1	0	40523	2583.3	41	20	QPSK	1	99	40694	2600.4	24.51
					1	74						1	0			29.70
		41	15	QPSK	1	0	41319	2662.9	41	20	QPSK	1	99	41490	2680	24.80
					1	74						1	0			29.57
Intra Band Conti- guous	CA_41C	41	10	QPSK	1	0	39703	2501.3	41	15	QPSK	1	74	39823	2513.3	24.35
					1	49						1	0			29.59
		41	10	QPSK	1	0	40549	2585.9	41	15	QPSK	1	74	40669	2597.9	24.65
					1	49						1	0			29.60
		41	10	QPSK	1	0	41395	2670.5	41	15	QPSK	1	74	41515	2682.5	24.75
					1	49						1	0			29.56
Intra Band Conti- guous	CA_41C	41	10	QPSK	1	0	39705	2501.5	41	20	QPSK	1	99	39849	2515.9	24.36
					1	49						1	0			29.58
		41	10	QPSK	1	0	40526	2583.6	41	20	QPSK	1	99	40670	2598	24.63
					1	49						1	0			29.71
		41	10	QPSK	1	0	41346	2665.6	41	20	QPSK	1	99	41490	2680	24.74
					1	49						1	0			29.63
Intra Band Conti- guous	CA_41C	41	5	QPSK	1	0	39683	2499.3	41	20	QPSK	1	99	39800	2511	24.36
					1	24						1	0			29.59
		41	5	QPSK	1	0	40528	2583.8	41	20	QPSK	1	99	40645	2595.5	24.64
					1	24						1	0			29.56
		41	5	QPSK	1	0	41373	2668.3	41	20	QPSK	1	99	41490	2680	24.75
					1	24						1	0			29.73

*EIRP = Conducted + antenna gain (5.31dBi)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	EIRP (dBm)
																Total
Intra Band Conti- guous	CA_41C	41	20	16QAM	1	0	39750	2506	41	20	16QAM	1	99	39948	2525.8	24.07
					1	99						1	0			29.40
		41	20	16QAM	1	0	40521	2583.1	41	20	16QAM	1	99	40719	2602.9	24.25
					1	99						1	0			29.58
		41	20	16QAM	1	0	41292	2660.2	41	20	16QAM	1	99	41490	2680	24.43
					1	99						1	0			30.04
Intra Band Conti- guous	CA_41C	41	20	16QAM	1	0	39750	2506	41	5	16QAM	1	24	39867	2517.7	23.67
					1	99						1	0			28.74
		41	20	16QAM	1	0	40595	2590.5	41	5	16QAM	1	24	40712	2602.2	23.89
					1	99						1	0			29.02
		41	20	16QAM	1	0	41440	2675	41	5	16QAM	1	24	41557	2686.7	24.05
					1	99						1	0			29.02
Intra Band Conti- guous	CA_41C	41	20	16QAM	1	0	39750	2506	41	10	16QAM	1	49	39894	2520.4	23.48
					1	99						1	0			28.90
		41	20	16QAM	1	0	40571	2588.1	41	10	16QAM	1	49	40715	2602.5	23.77
					1	99						1	0			28.96
		41	20	16QAM	1	0	41391	2670.1	41	10	16QAM	1	49	41535	2684.5	24.14
					1	99						1	0			28.91
Intra Band Conti- guous	CA_41C	41	20	16QAM	1	0	39750	2506	41	15	16QAM	1	74	39921	2523.1	23.61
					1	99						1	0			28.82
		41	20	16QAM	1	0	40546	2585.6	41	15	16QAM	1	74	40717	2602.7	23.83
					1	99						1	0			29.06
		41	20	16QAM	1	0	41341	2665.1	41	15	16QAM	1	74	51512	2682.2	24.12
					1	99						1	0			28.83
Intra Band Conti- guous	CA_41C	41	15	16QAM	1	0	39725	2503.5	41	10	16QAM	1	49	39845	2515.5	23.68
					1	74						1	0			28.92
		41	15	16QAM	1	0	40571	2588.1	41	10	16QAM	1	49	40691	2600.1	23.90
					1	74						1	0			28.90
		41	15	16QAM	1	0	41417	2672.7	41	10	16QAM	1	49	41537	2684.7	24.00
					1	74						1	0			28.93
Intra Band Conti- guous	CA_41C	41	15	16QAM	1	0	39725	2503.5	41	15	16QAM	1	74	39875	2518.5	23.81
					1	74						1	0			28.95
		41	15	16QAM	1	0	40545	2585.5	41	15	16QAM	1	74	40695	2600.5	23.92
					1	74						1	0			29.07
		41	15	16QAM	1	0	41365	2667.5	41	15	16QAM	1	74	41515	2682.5	24.05
					1	74						1	0			29.02

*EIRP = Conducted + antenna gain (5.31dBi)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	EIRP (dBm)
		Total														
Intra Band Conti- guous	CA_41C	41	15	16QAM	1	0	39728	2503.8	41	20	16QAM	1	99	39899	2520.9	23.64
					1	74						1	0			28.88
		41	15	16QAM	1	0	40523	2583.3	41	20	16QAM	1	99	40694	2600.4	23.70
					1	74						1	0			28.91
		41	15	16QAM	1	0	41319	2662.9	41	20	16QAM	1	99	41490	2680	24.05
					1	74						1	0			28.98
Intra Band Conti- guous	CA_41C	41	10	16QAM	1	0	39703	2501.3	41	15	16QAM	1	74	39823	2513.3	23.64
					1	49						1	0			28.83
		41	10	16QAM	1	0	40549	2585.9	41	15	16QAM	1	74	40669	2597.9	24.02
					1	49						1	0			28.96
		41	10	16QAM	1	0	41395	2670.5	41	15	16QAM	1	74	41515	2682.5	24.14
					1	49						1	0			29.02
Intra Band Conti- guous	CA_41C	41	10	16QAM	1	0	39705	2501.5	41	20	16QAM	1	99	39849	2515.9	23.79
					1	49						1	0			28.88
		41	10	16QAM	1	0	40526	2583.6	41	20	16QAM	1	99	40670	2598	23.92
					1	49						1	0			28.86
		41	10	16QAM	1	0	41346	2665.6	41	20	16QAM	1	99	41490	2680	24.03
					1	49						1	0			28.90
Intra Band Conti- guous	CA_41C	41	5	16QAM	1	0	39683	2499.3	41	20	16QAM	1	99	39800	2511	23.83
					1	24						1	0			28.81
		41	5	16QAM	1	0	40528	2583.8	41	20	16QAM	1	99	40645	2595.5	23.88
					1	24						1	0			28.86
		41	5	16QAM	1	0	41373	2668.3	41	20	16QAM	1	99	41490	2680	24.03
					1	24						1	0			29.08

*EIRP = Conducted + antenna gain (5.31dBi)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	EIRP (dBm)
		Total														
Intra Band Conti- guous	CA_41C	41	20	64QAM	1	0	39750	2506	41	20	64QAM	1	99	39948	2525.8	23.85
					1	99						1	0			29.08
		41	20	64QAM	1	0	40521	2583.1	41	20	64QAM	1	99	40719	2602.9	24.07
					1	99						1	0			29.21
		41	20	64QAM	1	0	41292	2660.2	41	20	64QAM	1	99	41490	2680	23.64
					1	99						1	0			29.97
Intra Band Conti- guous	CA_41C	41	20	64QAM	1	0	39750	2506	41	5	64QAM	1	24	39867	2517.7	23.18
					1	99						1	0			28.42
		41	20	64QAM	1	0	40595	2590.5	41	5	64QAM	1	24	40712	2602.2	23.44
					1	99						1	0			28.68
		41	20	64QAM	1	0	41440	2675	41	5	64QAM	1	24	41557	2686.7	23.58
					1	99						1	0			28.63
Intra Band Conti- guous	CA_41C	41	20	64QAM	1	0	39750	2506	41	10	64QAM	1	49	39894	2520.4	23.15
					1	99						1	0			28.50
		41	20	64QAM	1	0	40571	2588.1	41	10	64QAM	1	49	40715	2602.5	23.41
					1	99						1	0			28.44
		41	20	64QAM	1	0	41391	2670.1	41	10	64QAM	1	49	41535	2684.5	23.77
					1	99						1	0			28.61
Intra Band Conti- guous	CA_41C	41	20	64QAM	1	0	39750	2506	41	15	64QAM	1	74	39921	2523.1	23.16
					1	99						1	0			28.45
		41	20	64QAM	1	0	40546	2585.6	41	15	64QAM	1	74	40717	2602.7	23.49
					1	99						1	0			28.58
		41	20	64QAM	1	0	41341	2665.1	41	15	64QAM	1	74	51512	2682.2	23.70
					1	99						1	0			28.49
Intra Band Conti- guous	CA_41C	41	15	64QAM	1	0	39725	2503.5	41	10	64QAM	1	49	39845	2515.5	23.19
					1	74						1	0			28.40
		41	15	64QAM	1	0	40571	2588.1	41	10	64QAM	1	49	40691	2600.1	23.54
					1	74						1	0			28.46
		41	15	64QAM	1	0	41417	2672.7	41	10	64QAM	1	49	41537	2684.7	23.60
					1	74						1	0			28.47
Intra Band Conti- guous	CA_41C	41	15	64QAM	1	0	39725	2503.5	41	15	64QAM	1	74	39875	2518.5	23.43
					1	74						1	0			28.59
		41	15	64QAM	1	0	40545	2585.5	41	15	64QAM	1	74	40695	2600.5	23.41
					1	74						1	0			28.70
		41	15	64QAM	1	0	41365	2667.5	41	15	64QAM	1	74	41515	2682.5	23.51
					1	74						1	0			28.54

*EIRP = Conducted + antenna gain (5.31dBi)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	EIRP (dBm)
		Total														
Intra Band Conti- guous	CA_41C	41	15	64QAM	1	0	39728	2503.8	41	20	64QAM	1	99	39899	2520.9	23.19
					1	74						1	0			28.45
		41	15	64QAM	1	0	40523	2583.3	41	20	64QAM	1	99	40694	2600.4	23.38
					1	74						1	0			28.55
		41	15	64QAM	1	0	41319	2662.9	41	20	64QAM	1	99	41490	2680	23.73
					1	74						1	0			28.61
Intra Band Conti- guous	CA_41C	41	10	64QAM	1	0	39703	2501.3	41	15	64QAM	1	74	39823	2513.3	23.29
					1	49						1	0			28.40
		41	10	64QAM	1	0	40549	2585.9	41	15	64QAM	1	74	40669	2597.9	23.63
					1	49						1	0			28.60
		41	10	64QAM	1	0	41395	2670.5	41	15	64QAM	1	74	41515	2682.5	23.79
					1	49						1	0			28.73
Intra Band Conti- guous	CA_41C	41	10	64QAM	1	0	39705	2501.5	41	20	64QAM	1	99	39849	2515.9	23.47
					1	49						1	0			28.43
		41	10	64QAM	1	0	40526	2583.6	41	20	64QAM	1	99	40670	2598	23.48
					1	49						1	0			28.54
		41	10	64QAM	1	0	41346	2665.6	41	20	64QAM	1	99	41490	2680	23.58
					1	49						1	0			28.54
Intra Band Conti- guous	CA_41C	41	5	64QAM	1	0	39683	2499.3	41	20	64QAM	1	99	39800	2511	23.40
					1	24						1	0			28.45
		41	5	64QAM	1	0	40528	2583.8	41	20	64QAM	1	99	40645	2595.5	23.59
					1	24						1	0			28.47
		41	5	64QAM	1	0	41373	2668.3	41	20	64QAM	1	99	41490	2680	23.66
					1	24						1	0			28.71

*EIRP = Conducted + antenna gain (5.31dBi)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	EIRP (dBm)
																Total
Intra Band Conti- guous	CA_41C	41	20	256 QAM	1	0	39750	2506	41	20	256 QAM	1	99	39948	2525.8	23.06
					1	99						1	0			28.19
		41	20	256 QAM	1	0	40521	2583.1	41	20	256 QAM	1	99	40719	2602.9	22.89
					1	99						1	0			28.38
		41	20	256 QAM	1	0	41292	2660.2	41	20	256 QAM	1	99	41490	2680	22.49
					1	99						1	0			28.98
Intra Band Conti- guous	CA_41C	41	20	256 QAM	1	0	39750	2506	41	5	256 QAM	1	24	39867	2517.7	22.07
					1	99						1	0			27.61
		41	20	256 QAM	1	0	40595	2590.5	41	5	256 QAM	1	24	40712	2602.2	22.49
					1	99						1	0			27.80
		41	20	256 QAM	1	0	41440	2675	41	5	256 QAM	1	24	41557	2686.7	22.38
					1	99						1	0			27.50
Intra Band Conti- guous	CA_41C	41	20	256 QAM	1	0	39750	2506	41	10	256 QAM	1	49	39894	2520.4	22.51
					1	99						1	0			27.48
		41	20	256 QAM	1	0	40571	2588.1	41	10	256 QAM	1	49	40715	2602.5	22.63
					1	99						1	0			27.60
		41	20	256 QAM	1	0	41391	2670.1	41	10	256 QAM	1	49	41535	2684.5	22.97
					1	99						1	0			27.47
Intra Band Conti- guous	CA_41C	41	20	256 QAM	1	0	39750	2506	41	15	256 QAM	1	74	39921	2523.1	22.37
					1	99						1	0			27.71
		41	20	256 QAM	1	0	40546	2585.6	41	15	256 QAM	1	74	40717	2602.7	22.48
					1	99						1	0			27.72
		41	20	256 QAM	1	0	41341	2665.1	41	15	256 QAM	1	74	51512	2682.2	22.76
					1	99						1	0			27.36
Intra Band Conti- guous	CA_41C	41	15	256 QAM	1	0	39725	2503.5	41	10	256 QAM	1	49	39845	2515.5	22.01
					1	74						1	0			27.49
		41	15	256 QAM	1	0	40571	2588.1	41	10	256 QAM	1	49	40691	2600.1	22.56
					1	74						1	0			27.65
		41	15	256 QAM	1	0	41417	2672.7	41	10	256 QAM	1	49	41537	2684.7	23.08
					1	74						1	0			27.68
Intra Band Conti- guous	CA_41C	41	15	256 QAM	1	0	39725	2503.5	41	15	256 QAM	1	74	39875	2518.5	22.43
					1	74						1	0			27.77
		41	15	256 QAM	1	0	40545	2585.5	41	15	256 QAM	1	74	40695	2600.5	22.50
					1	74						1	0			27.67
		41	15	256 QAM	1	0	41365	2667.5	41	15	256 QAM	1	74	41515	2682.5	22.64
					1	74						1	0			27.49

*EIRP = Conducted + antenna gain (5.31dBi)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	EIRP (dBm)
		Total														
Intra Band Conti- guous	CA_41C	41	15	256 QAM	1	0	39728	2503.8	41	20	256 QAM	1	99	39899	2520.9	22.41
					1	74						1	0			27.57
		41	15	256 QAM	1	0	40523	2583.3	41	20	256 QAM	1	99	40694	2600.4	22.30
					1	74						1	0			27.35
		41	15	256 QAM	1	0	41319	2662.9	41	20	256 QAM	1	99	41490	2680	22.57
					1	74						1	0			27.47
Intra Band Conti- guous	CA_41C	41	10	256 QAM	1	0	39703	2501.3	41	15	256 QAM	1	74	39823	2513.3	22.47
					1	49						1	0			27.34
		41	10	256 QAM	1	0	40549	2585.9	41	15	256 QAM	1	74	40669	2597.9	22.98
					1	49						1	0			27.74
		41	10	256 QAM	1	0	41395	2670.5	41	15	256 QAM	1	74	41515	2682.5	22.60
					1	49						1	0			27.91
Intra Band Conti- guous	CA_41C	41	10	256 QAM	1	0	39705	2501.5	41	20	256 QAM	1	99	39849	2515.9	22.35
					1	49						1	0			27.24
		41	10	256 QAM	1	0	40526	2583.6	41	20	256 QAM	1	99	40670	2598	22.42
					1	49						1	0			27.59
		41	10	256 QAM	1	0	41346	2665.6	41	20	256 QAM	1	99	41490	2680	22.73
					1	49						1	0			27.71
Intra Band Conti- guous	CA_41C	41	5	256 QAM	1	0	39683	2499.3	41	20	256 QAM	1	99	39800	2511	22.59
					1	24						1	0			27.53
		41	5	256 QAM	1	0	40528	2583.8	41	20	256 QAM	1	99	40645	2595.5	22.66
					1	24						1	0			27.28
		41	5	256 QAM	1	0	41373	2668.3	41	20	256 QAM	1	99	41490	2680	22.84
					1	24						1	0			27.48

*EIRP = Conducted + antenna gain (5.31dBi)

LTE Band 66 (CA 66C)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	EIRP (dBm)
		Total														
Intra Band Conti- guous	CA_66C	66	20	QPSK	1	0	132072	1720	66	20	QPSK	1	99	132270	1739.8	21.95
					1	99						1	0			28.52
		66	20	QPSK	1	0	132323	1745.1	66	20	QPSK	1	99	132521	1764.9	21.79
					1	99						1	0			28.59
		66	20	QPSK	1	0	132374	1750.2	66	20	QPSK	1	99	132572	1770	21.59
					1	99						1	0			28.38
Intra Band Conti- guous	CA_66C	66	20	QPSK	1	0	132072	1720	66	15	QPSK	1	74	132243	1737.1	21.34
					1	99						1	0			28.20
		66	20	QPSK	1	0	132348	1747.6	66	15	QPSK	1	74	132519	1764.7	21.16
					1	99						1	0			28.18
		66	20	QPSK	1	0	132423	1755.1	66	15	QPSK	1	74	132594	1772.2	21.32
					1	99						1	0			28.48
Intra Band Conti- guous	CA_66C	66	20	QPSK	1	0	132072	1720	66	10	QPSK	1	49	132216	1734.4	20.91
					1	99						1	0			27.93
		66	20	QPSK	1	0	132373	1750.1	66	10	QPSK	1	49	132517	1764.5	21.38
					1	99						1	0			28.12
		66	20	QPSK	1	0	132473	1760.1	66	10	QPSK	1	49	132617	1774.5	21.21
					1	99						1	0			28.13
Intra Band Conti- guous	CA_66C	66	20	QPSK	1	0	132072	1720	66	5	QPSK	1	24	132189	1731.7	21.13
					1	99						1	0			28.15
		66	20	QPSK	1	0	132397	1752.5	66	5	QPSK	1	24	132514	1764.2	21.21
					1	99						1	0			27.49
		66	20	QPSK	1	0	132522	1765	66	5	QPSK	1	24	132639	1776.7	20.85
					1	99						1	0			27.58
Intra Band Conti- guous	CA_66C	66	5	QPSK	1	0	132005	1713.3	66	20	QPSK	1	99	132122	1725	21.16
					1	24						1	0			28.40
		66	5	QPSK	1	0	132330	1745.8	66	20	QPSK	1	99	132447	1757.5	21.06
					1	24						1	0			28.27
		66	5	QPSK	1	0	132455	1758.3	66	20	QPSK	1	99	132572	1770	21.13
					1	24						1	0			28.15
Intra Band Conti- guous	CA_66C	66	10	QPSK	1	0	132027	1715.5	66	20	QPSK	1	99	132171	1729.9	21.32
					1	49						1	0			28.07
		66	10	QPSK	1	0	132328	1745.6	66	20	QPSK	1	99	132472	1760	20.67
					1	49						1	0			28.31
		66	10	QPSK	1	0	132428	1755.6	66	20	QPSK	1	99	132572	1770	20.73
					1	49						1	0			28.30

*EIRP = Conducted + antenna gain (4.27dBi)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	EIRP (dBm)
		Total														
Intra Band Conti- guous	CA_66C	66	15	QPSK	1	0	132050	1717.8	66	20	QPSK	1	99	132221	1734.9	21.02
					1	74						1	0			28.06
		66	15	QPSK	1	0	132325	1745.3	66	20	QPSK	1	99	132496	1762.4	20.80
					1	74						1	0			28.20
		66	15	QPSK	1	0	132401	1752.9	66	20	QPSK	1	99	132572	1770	20.84
					1	74						1	0			28.19
Intra Band Conti- guous	CA_66C	66	10	QPSK	1	0	132025	1715.3	66	15	QPSK	1	74	132145	1727.3	20.86
					1	49						1	0			28.09
		66	10	QPSK	1	0	132351	1747.9	66	15	QPSK	1	74	132471	1759.9	20.72
					1	49						1	0			28.03
		66	10	QPSK	1	0	132477	1760.5	66	15	QPSK	1	74	132597	1772.5	20.99
					1	49						1	0			27.99
Intra Band Conti- guous	CA_66C	66	15	QPSK	1	0	132047	1717.5	66	15	QPSK	1	74	132197	1732.5	21.05
					1	74						1	0			28.04
		66	15	QPSK	1	0	132347	1747.5	66	15	QPSK	1	74	132497	1762.5	21.14
					1	74						1	0			28.15
		66	15	QPSK	1	0	132447	1757.5	66	15	QPSK	1	74	132597	1772.5	21.20
					1	74						1	0			27.96
Intra Band Conti- guous	CA_66C	66	15	QPSK	1	0	132047	1715.3	66	10	QPSK	1	24	132167	1729.5	21.16
					1	74						1	0			27.92
		66	15	QPSK	1	0	132373	1750.1	66	10	QPSK	1	24	132493	1762.1	21.15
					1	74						1	0			28.30
		66	15	QPSK	1	0	132499	1762.7	66	10	QPSK	1	24	132619	1774.7	20.89
					1	74						1	0			27.95

*EIRP = Conducted + antenna gain (4.27dBi)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	EIRP (dBm)
																Total
Intra Band Conti- guous	CA_66C	66	20	16QAM	1	0	132072	1720	66	20	16QAM	1	99	132270	1739.8	21.45
					1	99						1	0			28.01
		66	20	16QAM	1	0	132323	1745.1	66	20	16QAM	1	99	132521	1764.9	21.36
					1	99						1	0			28.08
		66	20	16QAM	1	0	132374	1750.2	66	20	16QAM	1	99	132572	1770	21.07
					1	99						1	0			27.46
Intra Band Conti- guous	CA_66C	66	20	16QAM	1	0	132072	1720	66	15	16QAM	1	74	132243	1737.1	20.87
					1	99						1	0			27.65
		66	20	16QAM	1	0	132348	1747.6	66	15	16QAM	1	74	132519	1764.7	20.51
					1	99						1	0			27.76
		66	20	16QAM	1	0	132423	1755.1	66	15	16QAM	1	74	132594	1772.2	20.83
					1	99						1	0			27.85
Intra Band Conti- guous	CA_66C	66	20	16QAM	1	0	132072	1720	66	10	16QAM	1	49	132216	1734.4	20.49
					1	99						1	0			27.55
		66	20	16QAM	1	0	132373	1750.1	66	10	16QAM	1	49	132517	1764.5	20.85
					1	99						1	0			27.70
		66	20	16QAM	1	0	132473	1760.1	66	10	16QAM	1	49	132617	1774.5	20.71
					1	99						1	0			27.65
Intra Band Conti- guous	CA_66C	66	20	16QAM	1	0	132072	1720	66	5	16QAM	1	24	132189	1731.7	20.77
					1	99						1	0			27.72
		66	20	16QAM	1	0	132397	1752.5	66	5	16QAM	1	24	132514	1764.2	20.79
					1	99						1	0			27.04
		66	20	16QAM	1	0	132522	1765	66	5	16QAM	1	24	132639	1776.7	20.27
					1	99						1	0			27.02
Intra Band Conti- guous	CA_66C	66	5	16QAM	1	0	132005	1713.3	66	20	16QAM	1	99	132122	1725	20.67
					1	24						1	0			27.87
		66	5	16QAM	1	0	132330	1745.8	66	20	16QAM	1	99	132447	1757.5	20.63
					1	24						1	0			27.74
		66	5	16QAM	1	0	132455	1758.3	66	20	16QAM	1	99	132572	1770	20.67
					1	24						1	0			27.58
Intra Band Conti- guous	CA_66C	66	10	16QAM	1	0	132027	1715.5	66	20	16QAM	1	99	132171	1729.9	20.96
					1	49						1	0			27.63
		66	10	16QAM	1	0	132328	1745.6	66	20	16QAM	1	99	132472	1760	20.21
					1	49						1	0			27.76
		66	10	16QAM	1	0	132428	1755.6	66	20	16QAM	1	99	132572	1770	20.29
					1	49						1	0			27.84

*EIRP = Conducted + antenna gain (4.27dBi)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	EIRP (dBm)
		Total														
Intra Band Conti- guous	CA_66C	66	15	16QAM	1	0	132050	1717.8	66	20	16QAM	1	99	132221	1734.9	20.47
					1	74						1	0			27.60
		66	15	16QAM	1	0	132325	1745.3	66	20	16QAM	1	99	132496	1762.4	20.38
					1	74						1	0			27.72
		66	15	16QAM	1	0	132401	1752.9	66	20	16QAM	1	99	132572	1770	20.37
					1	74						1	0			27.82
Intra Band Conti- guous	CA_66C	66	10	16QAM	1	0	132025	1715.3	66	15	16QAM	1	74	132145	1727.3	20.42
					1	49						1	0			27.69
		66	10	16QAM	1	0	132351	1747.9	66	15	16QAM	1	74	132471	1759.9	20.27
					1	49						1	0			27.58
		66	10	16QAM	1	0	132477	1760.5	66	15	16QAM	1	74	132597	1772.5	20.56
					1	49						1	0			27.52
Intra Band Conti- guous	CA_66C	66	15	16QAM	1	0	132047	1717.5	66	15	16QAM	1	74	132197	1732.5	20.62
					1	74						1	0			27.52
		66	15	16QAM	1	0	132347	1747.5	66	15	16QAM	1	74	132497	1762.5	20.68
					1	74						1	0			27.62
		66	15	16QAM	1	0	132447	1757.5	66	15	16QAM	1	74	132597	1772.5	20.67
					1	74						1	0			27.59
Intra Band Conti- guous	CA_66C	66	15	16QAM	1	0	132047	1715.3	66	10	16QAM	1	24	132167	1729.5	20.76
					1	74						1	0			27.56
		66	15	16QAM	1	0	132373	1750.1	66	10	16QAM	1	24	132493	1762.1	20.76
					1	74						1	0			27.85
		66	15	16QAM	1	0	132499	1762.7	66	10	16QAM	1	24	132619	1774.7	20.45
					1	74						1	0			27.57

*EIRP = Conducted + antenna gain (4.27dBi)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	EIRP (dBm)
																Total
Intra Band Conti- guous	CA_66C	66	20	64QAM	1	0	132072	1720	66	20	64QAM	1	99	132270	1739.8	21.16
					1	99						1	0			27.58
		66	20	64QAM	1	0	132323	1745.1	66	20	64QAM	1	99	132521	1764.9	20.97
					1	99						1	0			27.73
		66	20	64QAM	1	0	132374	1750.2	66	20	64QAM	1	99	132572	1770	20.76
					1	99						1	0			27.58
Intra Band Conti- guous	CA_66C	66	20	64QAM	1	0	132072	1720	66	15	64QAM	1	74	132243	1737.1	20.33
					1	99						1	0			26.92
		66	20	64QAM	1	0	132348	1747.6	66	15	64QAM	1	74	132519	1764.7	20.02
					1	99						1	0			27.28
		66	20	64QAM	1	0	132423	1755.1	66	15	64QAM	1	74	132594	1772.2	20.13
					1	99						1	0			27.11
Intra Band Conti- guous	CA_66C	66	20	64QAM	1	0	132072	1720	66	10	64QAM	1	49	132216	1734.4	19.99
					1	99						1	0			26.78
		66	20	64QAM	1	0	132373	1750.1	66	10	64QAM	1	49	132517	1764.5	20.29
					1	99						1	0			27.14
		66	20	64QAM	1	0	132473	1760.1	66	10	64QAM	1	49	132617	1774.5	20.04
					1	99						1	0			27.14
Intra Band Conti- guous	CA_66C	66	20	64QAM	1	0	132072	1720	66	5	64QAM	1	24	132189	1731.7	20.11
					1	99						1	0			27.00
		66	20	64QAM	1	0	132397	1752.5	66	5	64QAM	1	24	132514	1764.2	19.99
					1	99						1	0			26.26
		66	20	64QAM	1	0	132522	1765	66	5	64QAM	1	24	132639	1776.7	19.70
					1	99						1	0			26.45
Intra Band Conti- guous	CA_66C	66	5	64QAM	1	0	132005	1713.3	66	20	64QAM	1	99	132122	1725	20.08
					1	24						1	0			27.17
		66	5	64QAM	1	0	132330	1745.8	66	20	64QAM	1	99	132447	1757.5	19.98
					1	24						1	0			27.06
		66	5	64QAM	1	0	132455	1758.3	66	20	64QAM	1	99	132572	1770	19.98
					1	24						1	0			27.15
Intra Band Conti- guous	CA_66C	66	10	64QAM	1	0	132027	1715.5	66	20	64QAM	1	99	132171	1729.9	20.26
					1	49						1	0			27.06
		66	10	64QAM	1	0	132328	1745.6	66	20	64QAM	1	99	132472	1760	19.51
					1	49						1	0			27.18
		66	10	64QAM	1	0	132428	1755.6	66	20	64QAM	1	99	132572	1770	19.69
					1	49						1	0			27.24

*EIRP = Conducted + antenna gain (4.27dBi)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	EIRP (dBm)
		Total														
Intra Band Conti- guous	CA_66C	66	15	64QAM	1	0	132050	1717.8	66	20	64QAM	1	99	132221	1734.9	20.02
					1	74						1	0			26.99
		66	15	64QAM	1	0	132325	1745.3	66	20	64QAM	1	99	132496	1762.4	19.71
					1	74						1	0			27.08
		66	15	64QAM	1	0	132401	1752.9	66	20	64QAM	1	99	132572	1770	19.69
					1	74						1	0			27.08
Intra Band Conti- guous	CA_66C	66	10	64QAM	1	0	132025	1715.3	66	15	64QAM	1	74	132145	1727.3	19.70
					1	49						1	0			27.17
		66	10	64QAM	1	0	132351	1747.9	66	15	64QAM	1	74	132471	1759.9	19.59
					1	49						1	0			26.86
		66	10	64QAM	1	0	132477	1760.5	66	15	64QAM	1	74	132597	1772.5	19.84
					1	49						1	0			26.95
Intra Band Conti- guous	CA_66C	66	15	64QAM	1	0	132047	1717.5	66	15	64QAM	1	74	132197	1732.5	20.00
					1	74						1	0			26.89
		66	15	64QAM	1	0	132347	1747.5	66	15	64QAM	1	74	132497	1762.5	19.93
					1	74						1	0			26.98
		66	15	64QAM	1	0	132447	1757.5	66	15	64QAM	1	74	132597	1772.5	20.18
					1	74						1	0			26.83
Intra Band Conti- guous	CA_66C	66	15	64QAM	1	0	132047	1715.3	66	10	64QAM	1	24	132167	1729.5	19.94
					1	74						1	0			26.86
		66	15	64QAM	1	0	132373	1750.1	66	10	64QAM	1	24	132493	1762.1	20.06
					1	74						1	0			27.13
		66	15	64QAM	1	0	132499	1762.7	66	10	64QAM	1	24	132619	1774.7	20.00
					1	74						1	0			26.80

*EIRP = Conducted + antenna gain (4.27dBi)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	EIRP (dBm)
																Total
Intra Band Conti- guous	CA_66C	66	20	256 QAM	1	0	132072	1720	66	20	256 QAM	1	99	132270	1739.8	20.26
					1	99						1	0			26.55
		66	20	256 QAM	1	0	132323	1745.1	66	20	256 QAM	1	99	132521	1764.9	19.89
					1	99						1	0			26.59
		66	20	256 QAM	1	0	132374	1750.2	66	20	256 QAM	1	99	132572	1770	19.67
					1	99						1	0			26.32
Intra Band Conti- guous	CA_66C	66	20	256 QAM	1	0	132072	1720	66	15	256 QAM	1	74	132243	1737.1	19.34
					1	99						1	0			26.14
		66	20	256 QAM	1	0	132348	1747.6	66	15	256 QAM	1	74	132519	1764.7	19.00
					1	99						1	0			26.57
		66	20	256 QAM	1	0	132423	1755.1	66	15	256 QAM	1	74	132594	1772.2	18.97
					1	99						1	0			26.48
Intra Band Conti- guous	CA_66C	66	20	256 QAM	1	0	132072	1720	66	10	256 QAM	1	49	132216	1734.4	19.05
					1	99						1	0			25.87
		66	20	256 QAM	1	0	132373	1750.1	66	10	256 QAM	1	49	132517	1764.5	19.31
					1	99						1	0			25.95
		66	20	256 QAM	1	0	132473	1760.1	66	10	256 QAM	1	49	132617	1774.5	19.38
					1	99						1	0			26.47
Intra Band Conti- guous	CA_66C	66	20	256 QAM	1	0	132072	1720	66	5	256 QAM	1	24	132189	1731.7	18.94
					1	99						1	0			26.09
		66	20	256 QAM	1	0	132397	1752.5	66	5	256 QAM	1	24	132514	1764.2	19.17
					1	99						1	0			25.33
		66	20	256 QAM	1	0	132522	1765	66	5	256 QAM	1	24	132639	1776.7	18.78
					1	99						1	0			25.50
Intra Band Conti- guous	CA_66C	66	5	256 QAM	1	0	132005	1713.3	66	20	256 QAM	1	99	132122	1725	19.38
					1	24						1	0			26.24
		66	5	256 QAM	1	0	132330	1745.8	66	20	256 QAM	1	99	132447	1757.5	18.72
					1	24						1	0			25.97
		66	5	256 QAM	1	0	132455	1758.3	66	20	256 QAM	1	99	132572	1770	18.87
					1	24						1	0			26.00
Intra Band Conti- guous	CA_66C	66	10	256 QAM	1	0	132027	1715.5	66	20	256 QAM	1	99	132171	1729.9	19.35
					1	49						1	0			26.33
		66	10	256 QAM	1	0	132328	1745.6	66	20	256 QAM	1	99	132472	1760	18.48
					1	49						1	0			26.21
		66	10	256 QAM	1	0	132428	1755.6	66	20	256 QAM	1	99	132572	1770	18.71
					1	49						1	0			26.22

*EIRP = Conducted + antenna gain (4.27dBi)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	EIRP (dBm)
		Total														
Intra Band Conti- guous	CA_66C	66	15	256 QAM	1	0	132050	1717.8	66	20	256 QAM	1	99	132221	1734.9	19.33
					1	74						1	0			25.76
		66	15	256 QAM	1	0	132325	1745.3	66	20	256 QAM	1	99	132496	1762.4	18.75
					1	74						1	0			26.21
		66	15	256 QAM	1	0	132401	1752.9	66	20	256 QAM	1	99	132572	1770	18.92
					1	74						1	0			26.16
Intra Band Conti- guous	CA_66C	66	10	256 QAM	1	0	132025	1715.3	66	15	256 QAM	1	74	132145	1727.3	18.90
					1	49						1	0			26.42
		66	10	256 QAM	1	0	132351	1747.9	66	15	256 QAM	1	74	132471	1759.9	18.60
					1	49						1	0			26.05
		66	10	256 QAM	1	0	132477	1760.5	66	15	256 QAM	1	74	132597	1772.5	18.79
					1	49						1	0			25.64
Intra Band Conti- guous	CA_66C	66	15	256 QAM	1	0	132047	1717.5	66	15	256 QAM	1	74	132197	1732.5	19.03
					1	74						1	0			25.80
		66	15	256 QAM	1	0	132347	1747.5	66	15	256 QAM	1	74	132497	1762.5	18.90
					1	74						1	0			26.10
		66	15	256 QAM	1	0	132447	1757.5	66	15	256 QAM	1	74	132597	1772.5	19.34
					1	74						1	0			26.12
Intra Band Conti- guous	CA_66C	66	15	256 QAM	1	0	132047	1715.3	66	10	256 QAM	1	24	132167	1729.5	18.91
					1	74						1	0			25.97
		66	15	256 QAM	1	0	132373	1750.1	66	10	256 QAM	1	24	132493	1762.1	19.30
					1	74						1	0			26.03
		66	15	256 QAM	1	0	132499	1762.7	66	10	256 QAM	1	24	132619	1774.7	19.18
					1	74						1	0			26.01

*EIRP = Conducted + antenna gain (4.27dBi)

LTE Band 66 (CA 66B)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	EIRP (dBm)
		Total														
Intra Band Conti- guous	CA_66B	66	10	QPSK	1	0	132022	1715	66	10	QPSK	1	49	132121	1724.9	19.39
					1	49						1	0			28.29
		66	10	QPSK	1	0	132373	1750.1	66	10	QPSK	1	49	132472	1760	19.17
					1	49						1	0			28.18
		66	10	QPSK	1	0	132523	1765.1	66	10	QPSK	1	49	132622	1775	19.13
					1	49						1	0			28.06
Intra Band Conti- guous	CA_66B	66	5	QPSK	1	0	132002	1713	66	15	QPSK	1	79	132095	1722.3	19.32
					1	24						1	0			28.20
		66	5	QPSK	1	0	132353	1748.1	66	15	QPSK	1	79	132447	1757.4	19.06
					1	24						1	0			28.10
		66	5	QPSK	1	0	132504	1763.2	66	15	QPSK	1	79	132597	1772.5	19.07
					1	24						1	0			27.94
Intra Band Conti- guous	CA_66B	66	15	QPSK	1	0	132047	1717.5	66	5	QPSK	1	24	132140	1726.8	19.30
					1	74						1	0			28.11
		66	15	QPSK	1	0	132398	1752.6	66	5	QPSK	1	24	132491	1761.9	19.05
					1	74						1	0			28.05
		66	15	QPSK	1	0	132549	1767.7	66	5	QPSK	1	24	132642	1777	18.96
					1	74						1	0			27.91
Intra Band Conti- guous	CA_66B	66	5	QPSK	1	0	132000	1712.8	66	10	QPSK	1	49	132072	1720	19.04
					1	24						1	0			27.99
		66	5	QPSK	1	0	132375	1750.3	66	10	QPSK	1	49	132447	1757.5	18.76
					1	24						1	0			27.80
		66	5	QPSK	1	0	132550	1767.8	66	10	QPSK	1	49	132622	1775	18.67
					1	24						1	0			27.68
Intra Band Conti- guous	CA_66B	66	10	QPSK	1	0	132022	1715	66	5	QPSK	1	24	132094	1722.2	19.00
					1	49						1	0			27.82
		66	10	QPSK	1	0	132397	1752.5	66	5	QPSK	1	24	132469	1759.7	18.79
					1	49						1	0			27.80
		66	10	QPSK	1	0	132572	1770	66	5	QPSK	1	24	132644	1777.2	18.79
					1	49						1	0			27.73
Intra Band Conti- guous	CA_66B	66	5	QPSK	1	0	131997	1712.5	66	5	QPSK	1	24	132045	1717.3	19.05
					1	24						1	0			27.89
		66	5	QPSK	1	0	132398	1752.6	66	5	QPSK	1	24	132446	1757.4	18.80
					1	24						1	0			27.66
		66	5	QPSK	1	0	132599	1772.7	66	5	QPSK	1	24	132647	1777.5	18.61
					1	24						1	0			27.60

*EIRP = Conducted + antenna gain (4.27dBi)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	EIRP (dBm)
																Total
Intra Band Conti- guous	CA_66B	66	10	16QAM	1	0	132022	1715	66	10	16QAM	1	49	132121	1724.9	18.98
					1	49						1	0			27.77
		66	10	16QAM	1	0	132373	1750.1	66	10	16QAM	1	49	132472	1760	18.81
					1	49						1	0			27.75
		66	10	16QAM	1	0	132523	1765.1	66	10	16QAM	1	49	132622	1775	18.67
					1	49						1	0			27.69
Intra Band Conti- guous	CA_66B	66	5	16QAM	1	0	132002	1713	66	15	16QAM	1	79	132095	1722.3	18.62
					1	24						1	0			27.50
		66	5	16QAM	1	0	132353	1748.1	66	15	16QAM	1	79	132447	1757.4	18.30
					1	24						1	0			27.36
		66	5	16QAM	1	0	132504	1763.2	66	15	16QAM	1	79	132597	1772.5	18.32
					1	24						1	0			27.25
Intra Band Conti- guous	CA_66B	66	15	16QAM	1	0	132047	1717.5	66	5	16QAM	1	24	132140	1726.8	18.52
					1	74						1	0			27.52
		66	15	16QAM	1	0	132398	1752.6	66	5	16QAM	1	24	132491	1761.9	18.34
					1	74						1	0			27.21
		66	15	16QAM	1	0	132549	1767.7	66	5	16QAM	1	24	132642	1777	18.40
					1	74						1	0			27.27
Intra Band Conti- guous	CA_66B	66	5	16QAM	1	0	132000	1712.8	66	10	16QAM	1	49	132072	1720	18.28
					1	24						1	0			27.27
		66	5	16QAM	1	0	132375	1750.3	66	10	16QAM	1	49	132447	1757.5	18.06
					1	24						1	0			27.09
		66	5	16QAM	1	0	132550	1767.8	66	10	16QAM	1	49	132622	1775	18.09
					1	24						1	0			27.03
Intra Band Conti- guous	CA_66B	66	10	16QAM	1	0	132022	1715	66	5	16QAM	1	24	132094	1722.2	18.37
					1	49						1	0			27.13
		66	10	16QAM	1	0	132397	1752.5	66	5	16QAM	1	24	132469	1759.7	18.05
					1	49						1	0			27.06
		66	10	16QAM	1	0	132572	1770	66	5	16QAM	1	24	132644	1777.2	18.13
					1	49						1	0			26.94
Intra Band Conti- guous	CA_66B	66	5	16QAM	1	0	131997	1712.5	66	5	16QAM	1	24	132045	1717.3	18.22
					1	24						1	0			27.17
		66	5	16QAM	1	0	132398	1752.6	66	5	16QAM	1	24	132446	1757.4	17.98
					1	24						1	0			26.97
		66	5	16QAM	1	0	132599	1772.7	66	5	16QAM	1	24	132647	1777.5	18.04
					1	24						1	0			26.94

*EIRP = Conducted + antenna gain (4.27dBi)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	EIRP (dBm)
																Total
Intra Band Conti- guous	CA_66B	66	10	64QAM	1	0	132022	1715	66	10	64QAM	1	49	132121	1724.9	18.51
					1	49						1	0			27.49
		66	10	64QAM	1	0	132373	1750.1	66	10	64QAM	1	49	132472	1760	18.27
					1	49						1	0			27.39
		66	10	64QAM	1	0	132523	1765.1	66	10	64QAM	1	49	132622	1775	18.38
					1	49						1	0			27.18
Intra Band Conti- guous	CA_66B	66	5	64QAM	1	0	132002	1713	66	15	64QAM	1	79	132095	1722.3	18.18
					1	24						1	0			27.07
		66	5	64QAM	1	0	132353	1748.1	66	15	64QAM	1	79	132447	1757.4	17.87
					1	24						1	0			26.91
		66	5	64QAM	1	0	132504	1763.2	66	15	64QAM	1	79	132597	1772.5	17.92
					1	24						1	0			26.89
Intra Band Conti- guous	CA_66B	66	15	64QAM	1	0	132047	1717.5	66	5	64QAM	1	24	132140	1726.8	18.15
					1	74						1	0			27.04
		66	15	64QAM	1	0	132398	1752.6	66	5	64QAM	1	24	132491	1761.9	17.98
					1	74						1	0			26.87
		66	15	64QAM	1	0	132549	1767.7	66	5	64QAM	1	24	132642	1777	17.95
					1	74						1	0			26.82
Intra Band Conti- guous	CA_66B	66	5	64QAM	1	0	132000	1712.8	66	10	64QAM	1	49	132072	1720	17.89
					1	24						1	0			26.89
		66	5	64QAM	1	0	132375	1750.3	66	10	64QAM	1	49	132447	1757.5	17.63
					1	24						1	0			26.64
		66	5	64QAM	1	0	132550	1767.8	66	10	64QAM	1	49	132622	1775	17.60
					1	24						1	0			26.48
Intra Band Conti- guous	CA_66B	66	10	64QAM	1	0	132022	1715	66	5	64QAM	1	24	132094	1722.2	18.08
					1	49						1	0			26.76
		66	10	64QAM	1	0	132397	1752.5	66	5	64QAM	1	24	132469	1759.7	17.68
					1	49						1	0			26.70
		66	10	64QAM	1	0	132572	1770	66	5	64QAM	1	24	132644	1777.2	17.67
					1	49						1	0			26.63
Intra Band Conti- guous	CA_66B	66	5	64QAM	1	0	131997	1712.5	66	5	64QAM	1	24	132045	1717.3	17.90
					1	24						1	0			26.73
		66	5	64QAM	1	0	132398	1752.6	66	5	64QAM	1	24	132446	1757.4	17.70
					1	24						1	0			26.73
		66	5	64QAM	1	0	132599	1772.7	66	5	64QAM	1	24	132647	1777.5	17.59
					1	24						1	0			26.51

*EIRP = Conducted + antenna gain (4.27dBi)

Con- figure	Com- bination	PCC							SCC							Measurement Power
		Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	Band	BW (MHz)	Modu- lation	RB Size	RB Offset	UL Chan.	UL Freq. (MHz)	EIRP (dBm)
		Total														
Intra Band Conti- guous	CA_66B	66	10	256 QAM	1	0	132022	1715	66	10	256 QAM	1	49	132121	1724.9	17.54
					1	49						1	0			26.70
		66	10	256 QAM	1	0	132373	1750.1	66	10	256 QAM	1	49	132472	1760	17.38
					1	49						1	0			26.68
		66	10	256 QAM	1	0	132523	1765.1	66	10	256 QAM	1	49	132622	1775	17.26
					1	49						1	0			26.17
Intra Band Conti- guous	CA_66B	66	5	256 QAM	1	0	132002	1713	66	15	256 QAM	1	79	132095	1722.3	17.11
					1	24						1	0			26.40
		66	5	256 QAM	1	0	132353	1748.1	66	15	256 QAM	1	79	132447	1757.4	17.13
					1	24						1	0			26.17
		66	5	256 QAM	1	0	132504	1763.2	66	15	256 QAM	1	79	132597	1772.5	16.91
					1	24						1	0			26.03
Intra Band Conti- guous	CA_66B	66	15	256 QAM	1	0	132047	1717.5	66	5	256 QAM	1	24	132140	1726.8	17.20
					1	74						1	0			26.53
		66	15	256 QAM	1	0	132398	1752.6	66	5	256 QAM	1	24	132491	1761.9	16.83
					1	74						1	0			25.83
		66	15	256 QAM	1	0	132549	1767.7	66	5	256 QAM	1	24	132642	1777	17.08
					1	74						1	0			26.00
Intra Band Conti- guous	CA_66B	66	5	256 QAM	1	0	132000	1712.8	66	10	256 QAM	1	49	132072	1720	16.94
					1	24						1	0			26.08
		66	5	256 QAM	1	0	132375	1750.3	66	10	256 QAM	1	49	132447	1757.5	16.58
					1	24						1	0			25.72
		66	5	256 QAM	1	0	132550	1767.8	66	10	256 QAM	1	49	132622	1775	16.62
					1	24						1	0			25.33
Intra Band Conti- guous	CA_66B	66	10	256 QAM	1	0	132022	1715	66	5	256 QAM	1	24	132094	1722.2	16.94
					1	49						1	0			25.91
		66	10	256 QAM	1	0	132397	1752.5	66	5	256 QAM	1	24	132469	1759.7	16.45
					1	49						1	0			25.75
		66	10	256 QAM	1	0	132572	1770	66	5	256 QAM	1	24	132644	1777.2	16.89
					1	49						1	0			25.86
Intra Band Conti- guous	CA_66B	66	5	256 QAM	1	0	131997	1712.5	66	5	256 QAM	1	24	132045	1717.3	17.20
					1	24						1	0			25.61
		66	5	256 QAM	1	0	132398	1752.6	66	5	256 QAM	1	24	132446	1757.4	16.67
					1	24						1	0			25.82
		66	5	256 QAM	1	0	132599	1772.7	66	5	256 QAM	1	24	132647	1777.5	16.70
					1	24						1	0			25.53

*EIRP = Conducted + antenna gain (4.27dBi)

4.2 Radiated Emission Measurement

4.2.1 Limits of Radiated Emission Measurement

For LTE Band 66

According to FCC 27.53(h) for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 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.

For LTE Band 7, 38, 41

In the FCC 27.53(m) (4)(6), 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 -25dBm .

4.2.2 Test Procedure

- a. The power was measured with R&S Spectrum Analyzer. All measurements were done at 3 channels (low, middle and high channel of operational frequency range.)
- b. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m (below or equal 1 GHz) and/or 1.5 m (above 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 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- c. The substitution antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value" of step b. Record the power level of S.G
- d. $\text{EIRP} = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution antenna}$.

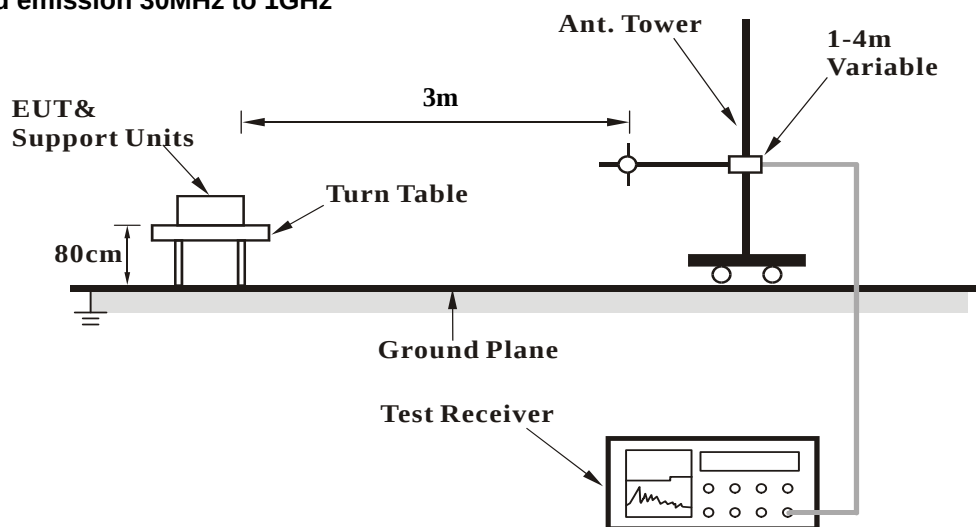
Note: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.

4.2.3 Deviation from Test Standard

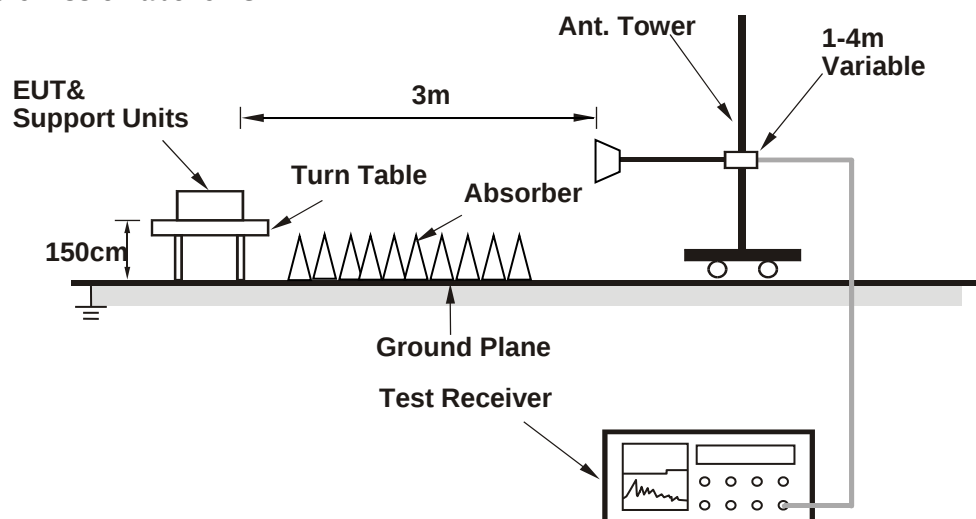
No deviation.

4.2.4 Test Setup

For radiated emission 30MHz to 1GHz



For radiated emission above 1GHz



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

4.2.5 Test Results

Below 1GHz

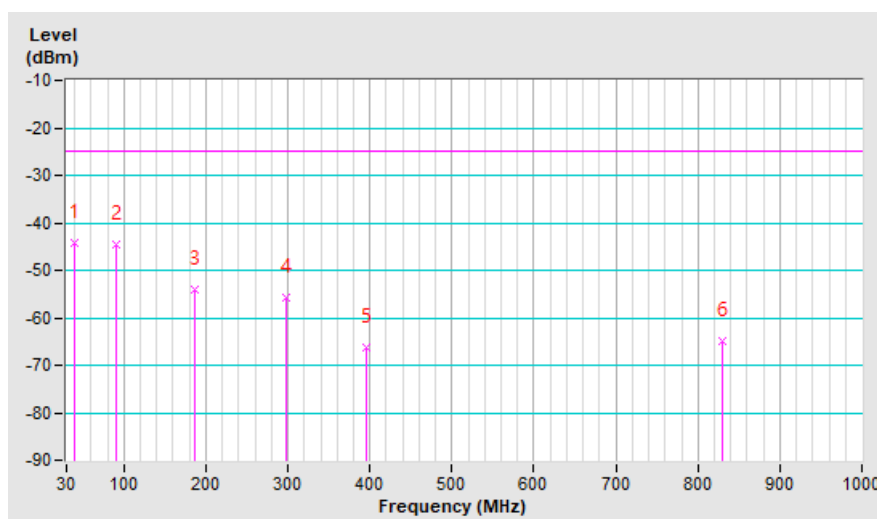
LTE Band 7 (CA 7C)

Mode	TX channel 21003 (2525.3MHz)+ TX channel 21174 (2542.4MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	22deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	39.84	-46.2	-33.4	-10.9	-44.3	-25.0	-19.3
2	90.45	-36.0	-45.6	1.1	-44.5	-25.0	-19.5
3	186.04	-45.6	-57.6	3.7	-53.9	-25.0	-28.9
4	297.10	-53.2	-60.7	5.1	-55.6	-25.0	-30.6
5	395.51	-65.9	-71.5	5.2	-66.3	-25.0	-41.3
6	829.90	-72.2	-68.8	4.0	-64.8	-25.0	-39.8

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

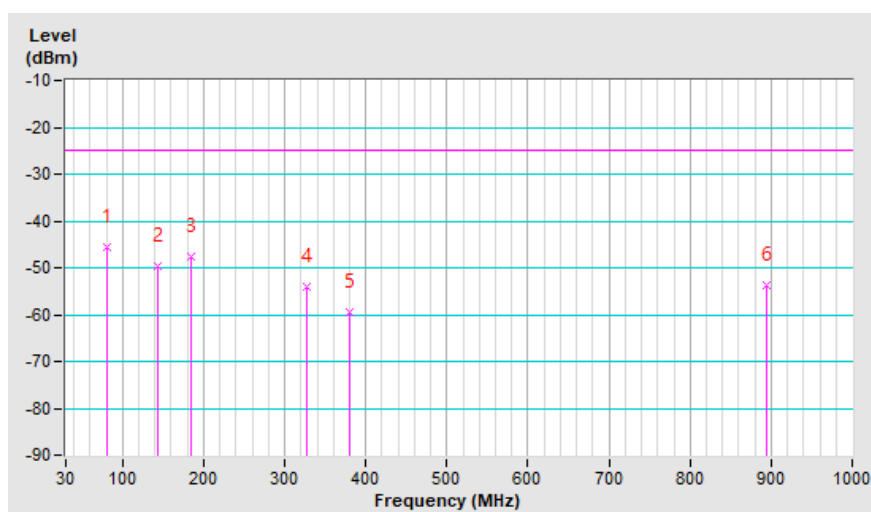


Mode	TX channel 21003 (2525.3MHz)+ TX channel 21174 (2542.4MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	22deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	80.61	-40.6	-44.0	-1.5	-45.5	-25.0	-20.5
2	142.46	-46.8	-49.3	-0.3	-49.6	-25.0	-24.6
3	184.64	-44.5	-51.2	3.5	-47.7	-25.0	-22.7
4	328.03	-54.2	-59.3	5.2	-54.1	-25.0	-29.1
5	380.04	-59.6	-64.8	5.3	-59.5	-25.0	-34.5
6	894.57	-62.3	-57.5	3.9	-53.6	-25.0	-28.6

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).



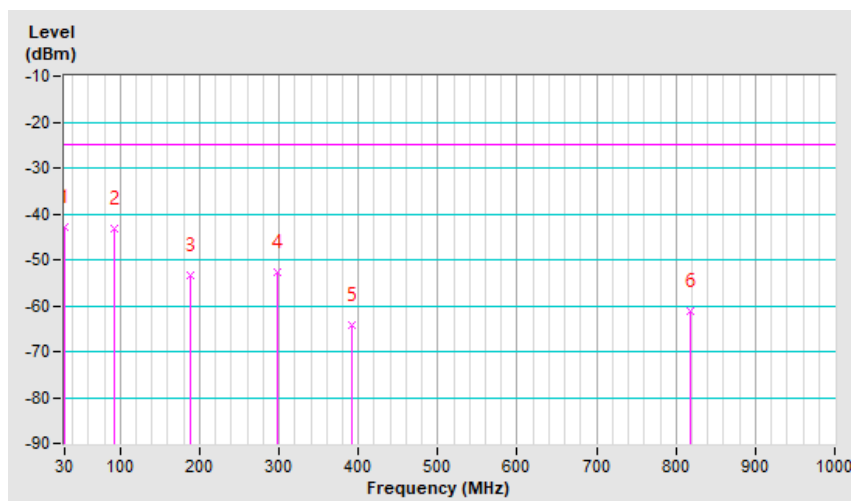
LTE Band 38 (CA 38C)

Mode	TX channel 37952 (2590.2MHz)+ TX channel 38150 (2610.0MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	22deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	30.00	-46.0	-30.8	-12.2	-43.0	-25.0	-18.0
2	93.26	-34.4	-44.4	1.1	-43.3	-25.0	-18.3
3	187.45	-45.0	-57.4	3.9	-53.5	-25.0	-28.5
4	297.10	-50.2	-57.7	5.1	-52.6	-25.0	-27.6
5	392.70	-63.7	-69.5	5.2	-64.3	-25.0	-39.3
6	817.25	-67.8	-65.2	4.0	-61.2	-25.0	-36.2

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

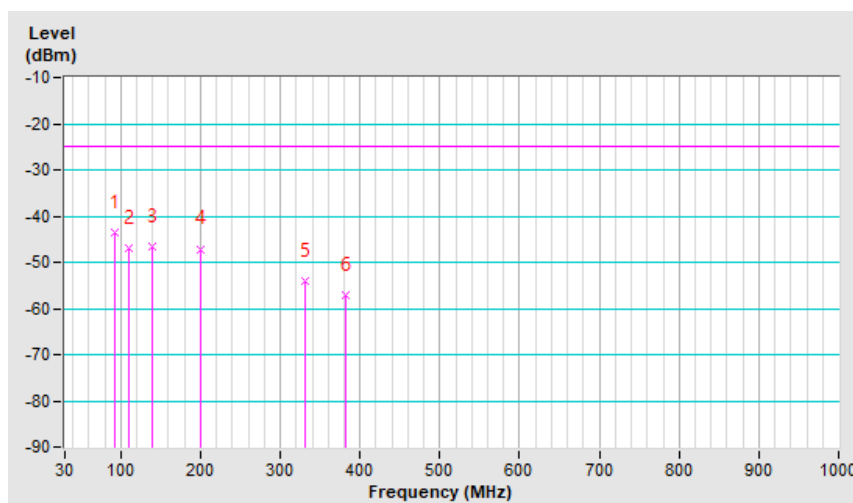


Mode	TX channel 37952 (2590.2MHz)+ TX channel 38150 (2610.0MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	22deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	93.26	-37.2	-44.8	1.1	-43.7	-25.0	-18.7
2	110.13	-38.8	-47.2	0.4	-46.8	-25.0	-21.8
3	139.65	-43.6	-46.4	-0.3	-46.7	-25.0	-21.7
4	200.10	-45.6	-52.5	5.4	-47.1	-25.0	-22.1
5	330.84	-53.9	-59.2	5.2	-54.0	-25.0	-29.0
6	382.86	-57.1	-62.3	5.3	-57.0	-25.0	-32.0

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).



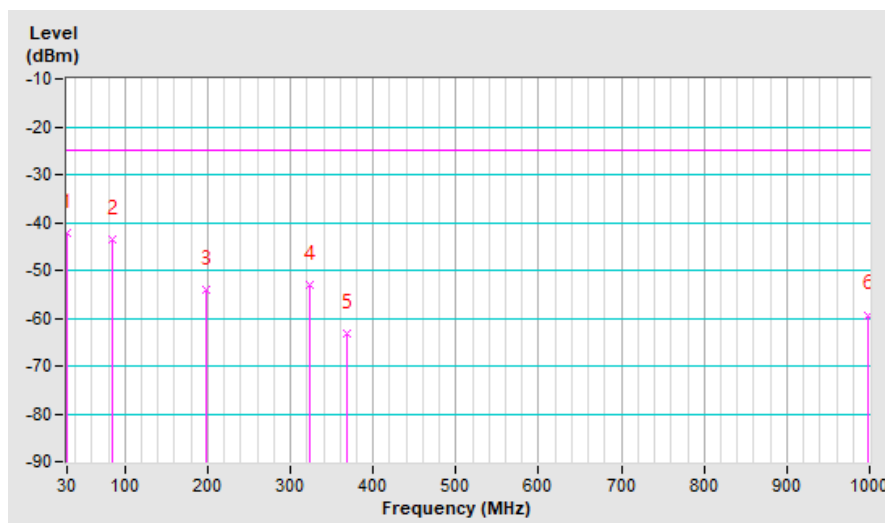
LTE Band 41 (CA 41C)

Mode	TX channel 41292 (2660.2MHz)+ TX channel 41490 (2680.0MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	22deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	30.00	-45.2	-30.0	-12.2	-42.2	-25.0	-17.2
2	84.83	-36.9	-43.4	-0.3	-43.7	-25.0	-18.7
3	197.29	-45.9	-59.3	5.2	-54.1	-25.0	-29.1
4	322.41	-49.1	-58.1	5.2	-52.9	-25.0	-27.9
5	368.80	-61.2	-68.5	5.2	-63.3	-25.0	-38.3
6	997.19	-69.0	-63.3	4.0	-59.3	-25.0	-34.3

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

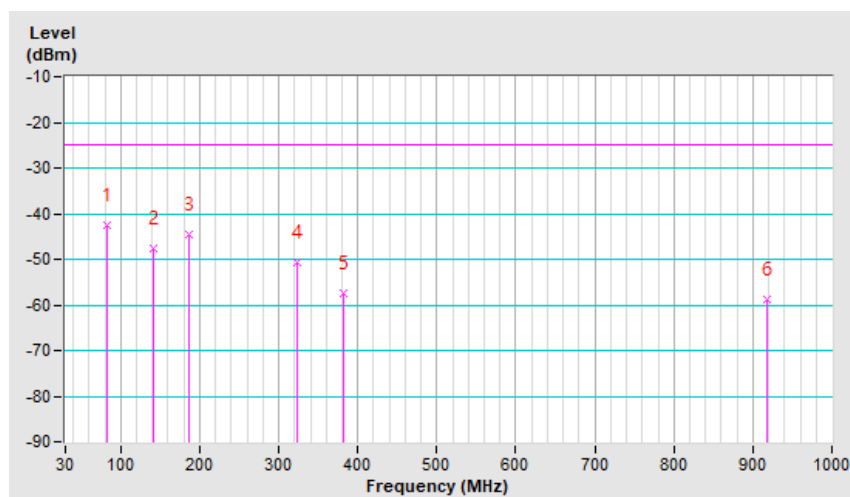


Mode	TX channel 41292 (2660.2MHz)+ TX channel 41490 (2680.0MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	22deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	83.42	-37.2	-41.7	-0.7	-42.4	-25.0	-17.4
2	141.06	-44.6	-47.2	-0.3	-47.5	-25.0	-22.5
3	186.04	-41.7	-48.4	3.7	-44.7	-25.0	-19.7
4	323.81	-50.9	-56.0	5.2	-50.8	-25.0	-25.8
5	381.45	-57.6	-62.8	5.3	-57.5	-25.0	-32.5
6	918.46	-68.4	-62.9	4.0	-58.9	-25.0	-33.9

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).



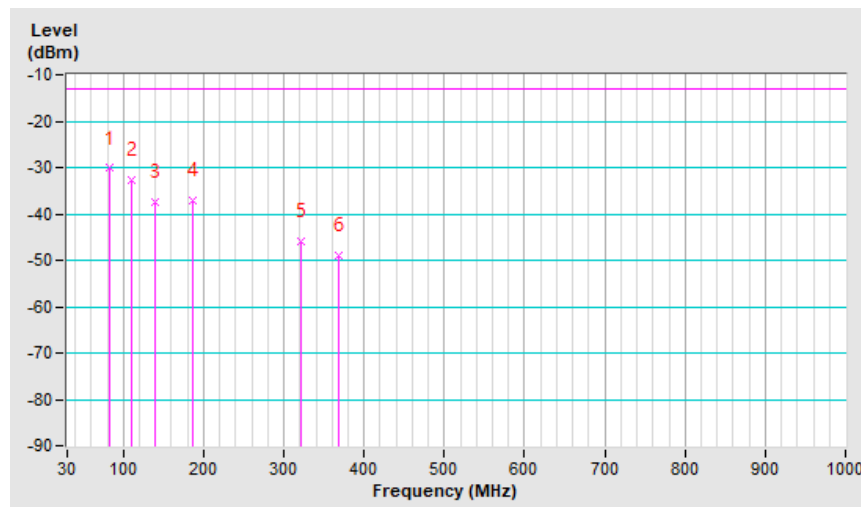
LTE Band 66 (CA 66C)

Mode	TX channel 132323 (1745.1MHz)+ TX channel 132521 (1764.9MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	22deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	83.42	-36.5	-28.5	-1.7	-30.2	-13.0	-17.2
2	110.13	-39.1	-31.1	-1.7	-32.8	-13.0	-19.8
3	139.65	-43.6	-35.6	-1.7	-37.3	-13.0	-24.3
4	186.04	-43.4	-35.4	-1.7	-37.1	-13.0	-24.1
5	321.00	-52.2	-44.2	-1.7	-45.9	-13.0	-32.9
6	368.80	-55.4	-47.4	-1.7	-49.1	-13.0	-36.1

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

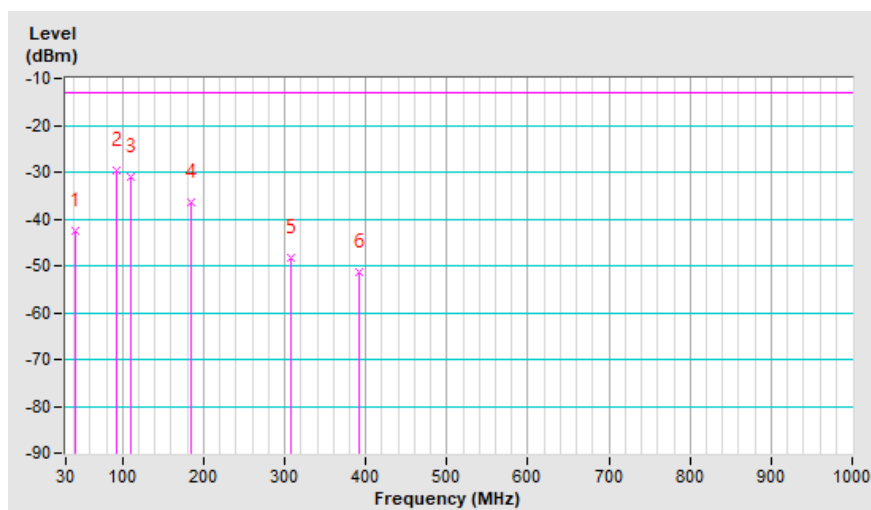


Mode	TX channel 132323 (1745.1MHz)+ TX channel 132521 (1764.9MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	22deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	41.25	-49.4	-40.9	-1.7	-42.6	-13.0	-29.6
2	91.86	-36.4	-27.9	-1.7	-29.6	-13.0	-16.6
3	110.13	-37.9	-29.4	-1.7	-31.1	-13.0	-18.1
4	184.64	-43.2	-34.7	-1.7	-36.4	-13.0	-23.4
5	306.94	-55.2	-46.7	-1.7	-48.4	-13.0	-35.4
6	392.70	-58.2	-49.7	-1.7	-51.4	-13.0	-38.4

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).



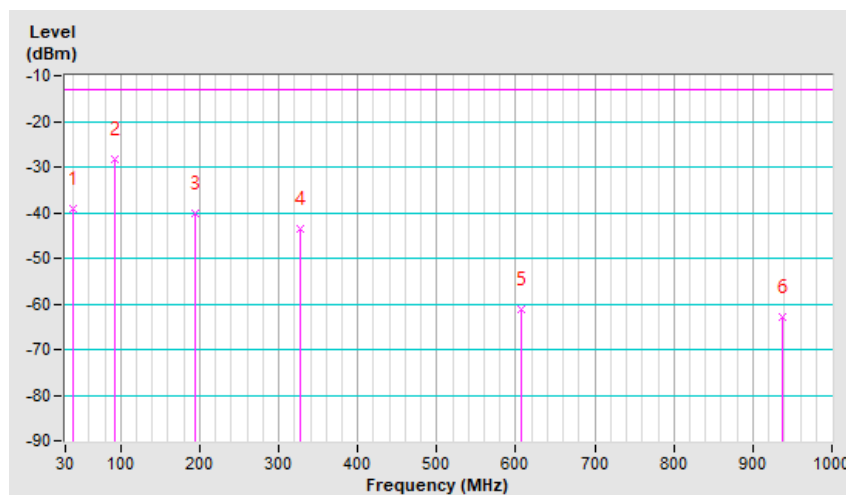
LTE Band 66 (CA 66B)

Mode	TX channel 132022 (1715.0MHz)+ TX channel 132121 (1724.9MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	22deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	39.84	-45.4	-37.4	-1.7	-39.1	-13.0	-26.1
2	93.26	-34.7	-26.7	-1.7	-28.4	-13.0	-15.4
3	194.48	-46.5	-38.5	-1.7	-40.2	-13.0	-27.2
4	326.62	-49.8	-41.8	-1.7	-43.5	-13.0	-30.5
5	607.78	-67.4	-59.4	-1.7	-61.1	-13.0	-48.1
6	936.74	-69.1	-61.1	-1.7	-62.8	-13.0	-49.8

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

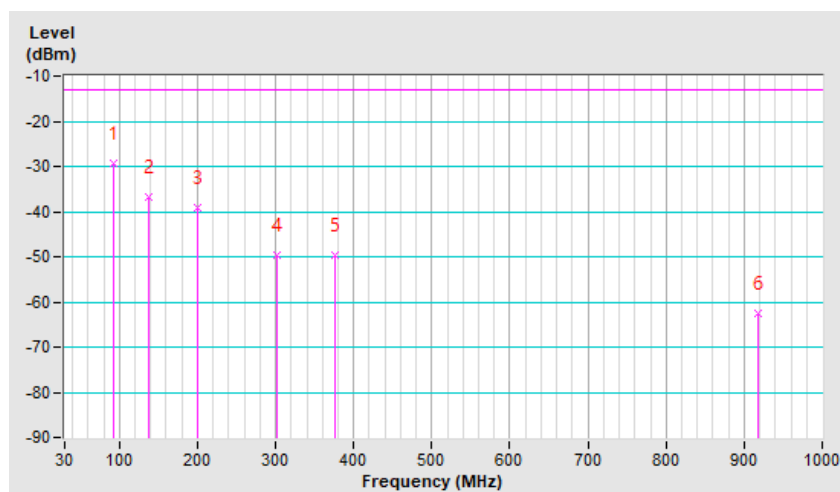


Mode	TX channel 132022 (1715.0MHz)+ TX channel 132121 (1724.9MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	22deg. C, 66%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	91.86	-36.2	-27.7	-1.7	-29.4	-13.0	-16.4
2	138.25	-43.5	-35.0	-1.7	-36.7	-13.0	-23.7
3	200.10	-45.8	-37.3	-1.7	-39.0	-13.0	-26.0
4	302.72	-56.5	-48.0	-1.7	-49.7	-13.0	-36.7
5	375.83	-56.4	-47.9	-1.7	-49.6	-13.0	-36.6
6	917.06	-69.2	-60.7	-1.7	-62.4	-13.0	-49.4

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).



Above 1GHz
LTE Band 7 (CA 7C)

Mode	TX channel 21003 (2525.3MHz)+ TX channel 21174 (2542.4MHz)	Frequency Range	1GHz ~ 27GHz
Environmental Conditions	22deg. C, 68%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5070.00	-63.9	-51.4	1.4	-50.0	-25.0	-25.0
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5070.00	-59.8	-48.4	1.4	-47.0	-25.0	-22.0

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

LTE Band 38 (CA 38C)

Mode	TX channel 37952 (2590.2MHz)+ TX channel 38150 (2610.0MHz)	Frequency Range	1GHz ~ 27GHz
Environmental Conditions	22deg. C, 68%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5200.00	-61.5	-49.9	1.4	-48.5	-25.0	-23.5
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5200.00	-58.7	-46.4	1.4	-45.0	-25.0	-20.0

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

LTE Band 41 (CA 41C)

Mode	TX channel 41292 (2660.2MHz)+ TX channel 41490 (2680.0MHz)	Frequency Range	1GHz ~ 27GHz
Environmental Conditions	22deg. C, 68%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5340.00	-63.0	-50.9	1.4	-49.5	-25.0	-24.5
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5340.00	-58.8	-47.4	1.4	-46.0	-25.0	-21.0

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

LTE Band 66 (CA 66C)

Mode	TX channel 132323 (1745.1MHz)+ TX channel 132521 (1764.9MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	22deg. C, 68%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3510.00	-64.1	-55.8	1.4	-54.4	-13.0	-41.4
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3510.00	-62.9	-55.2	1.4	-53.8	-13.0	-40.8

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

LTE Band 66 (CA 66B)

Mode	TX channel 132022 (1715.0MHz)+ TX channel 132121 (1724.9MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	22deg. C, 68%RH	Input Power	120Vac, 60Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3440.00	-64.1	-55.6	1.3	-54.3	-13.0	-41.3
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3440.00	-62.6	-54.6	1.3	-53.3	-13.0	-40.3

Remarks:

1. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) - Cable Loss (dB).

5 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo).

Appendix – 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 and approved according to ISO/IEC 17025.

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

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