TEST REPORT

CERTIFICATE OF CONFORMITY

Standard:	**47 CFR FCC Part 22** **47 CFR FCC Part 24** **47 CFR FCC Part 27** **47 CFR FCC Part 96** **47 CFR FCC Part 2**
Report No.:	RFCDVB-WTW-P24010025-6
FCC ID:	QYLFN990S5
Product:	5G NR Module
Brand:	Getac
Model No.:	FN990A28
Received Date:	2024/1/20
Test Date:	2024/3/9 ~ 2024/5/27
Issued Date:	2024/5/31
Applicant:	Getac Technology Corporation.
Address:	5F., Building A, No. 209, Sec.1, Nangang Rd., Nangang Dist., Taipei City 11568, Taiwan, R.O.C.
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Lin Kou Laboratories
Lab Address:	No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan
Test Location:	No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kewi Shan Dist., Taoyuan City 33383, Taiwan
FCC Registration / Designation Number:	788550 / TW0003

Approved by: Jeremy Lin , **Date:** 2024/5/31

Jeremy Lin / Project Engineer

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Prepared by : Vera Huang / Specialist

Table of Contents

Release Control Record

Issue No.	Description	Date Issued
RFCDVB-WTW-P24010025-6	Original Release	2024/5/31

1 Certificate

Product:	5G NR Module
Brand:	Getac
Test Model:	FN990A28
Sample Status:	Engineering sample
Applicant:	Getac Technology Corporation.
Test Date:	2024/3/9 ~ 2024/5/27
Standard:	47 CFR FCC Part 22 47 CFR FCC Part 24 47 CFR FCC Part 27 47 CFR FCC Part 96 47 CFR FCC Part 2
Measurement procedure:	ANSI/TIA/EIA-603-E 2016 ANSI C63.26-2015 KDB 971168 D01 Power Meas License Digital Systems v03r01 KDB 971168 D02 Misc Rev Approv License Devices v02r02

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

2 Summary of Test Results

47 CFR FCC Part 22 47 CFR FCC Part 24 47 CFR FCC Part 27 47 CFR FCC Part 96 47 CFR FCC Part 2			
Standard / Clause	Test Item	Result	Remark
Part 2.1046 Part 22.913 (a) Part 24.232 (c) Part 27.50 (d) Part 27.50 (h) Part 27.50 (k) Part 96.41(b)	Effective Radiated Power and Equivalent Isotropically Radiated Power	Pass	Meet the requirement of limit.
Part 2.1047	Modulation Characteristics	N/A	Refer to Note
Part 2.1046 Part 22.913 (d) Part 24.232 (d) Part 27.50 (d)(5) Part 27.50 (k)(4) Part 96.41(g)	Peak to Average Ratio	N/A	Refer to Note
Part 2.1049	Bandwidth	N/A	Refer to Note
Part 2.1051 Part 22.917 Part 24.238 Part 27.53 (h) Part 27.53 (n) Part 27.53 (m) Part 96.41(e)	Conducted Spurious Emissions	N/A	Refer to Note
Part 2.1053 Part 22.917 Part 24.238 Part 27.53 (h) Part 27.53 (n) Part 27.53 (m) Part 96.41(e)	Radiated Spurious Emissions below 1GHz	Pass	Minimum passing margin is -10.28 dB at 777.88 MHz
Part 2.1053 Part 22.917 Part 24.238 Part 27.53 (h) Part 27.53 (n) Part 27.53 (m) Part 96.41(e)	Radiated Spurious Emissions above 1GHz	Pass	Minimum passing margin is -2.61 dB at 7159.60 MHz
Part 2.1055 Part 22.355 Part 24.235 Part 27.54	Frequency Stability	N/A	Refer to Note

Note:

1. Only test item of Effective Radiated Power and Equivalent Isotropically Radiated Power and Radiated Spurious Emissions were performed for this report. Other testing data please refer to SPORTON lab report no.: 270608-01 for module (Brand: Telit, Model: FN990A28).
2. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.1 Measurement Uncertainty

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

Parameter	Specification	Uncertainty (±)
Radiated Spurious Emissions below 1GHz	9 kHz ~ 30 MHz	3.59 dB
	30 MHz ~ 1 GHz	3.64 dB
Radiated Spurious Emissions above 1GHz	1 GHz ~ 18 GHz	2.29 dB
	18 GHz ~ 40 GHz	2.29 dB

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

2.2 Supplementary Information

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

3 General Information

3.1 General Description of EUT

Product	5G NR Module
Brand	Getac
Test Model	FN990A28
Status of EUT	Engineering sample
Power Supply Rating	Refer to note

Note:

1. This report is prepared for FCC class II permissive change application. The EUT is authorized for use in specific End-product. Please refer to below for more details.

Product	Brand	Model	Difference
Notebook	Getac	S510	marketing purpose
		S510Y (Y= 10 characters, Y can be 0 to 9, A to Z, a to z, "/", "\", "-", "_" or blank for marketing purpose)	

2. The End-product uses following accessories.

Battery		
Brand	Model	Specification
Getac	BP3S2P3450P-04	Power Rating : Rating: 10.8Vdc , 6600mAh, 72Wh Typical Capacity: 6900mAh, 75Wh
AC Adapter 1		
Brand	Model	Specification
FSP	FSP065-RBBN3	AC Input : 100-240 Vac； 50-60 Hz； 1.5 A DC Output : 19.0Vdc； 3.42A, 65.0W DC Output Cable : 1.45M / 1core AC Power Cord : 1.75M
AC Adapter 2		
Brand	Model	Specification
FSP	FSP090-ABBN3	AC Input : 100-240 Vac； 50-60 Hz； 1.2 A DC Output : 19.0Vdc； 4.74A, 90.0W DC Output Cable : 1.2M / 1 core AC Power Cord : 1.75M
Touch Pen		
Brand	Model	
Getac	340GA8900001	

* After pretesting, Adapter 2 was the worst case and chosen for final test.

3. EUT Overview

Band / Bandwidth	TX Frequency Range (MHz)	Max. ERP Power			
		QPSK	16QAM	64QAM	256QAM
LTE Band 5B (10MHz + 10MHz)	829.0-844.0	134.586mW (21.29dBm)	117.761mW (20.71dBm)	93.756mW (19.72dBm)	45.394mW (16.57dBm)
LTE Band 5B (10MHz + 5MHz)	829.0-846.2	125.603mW (20.99dBm)	111.686mW (20.48dBm)	104.232mW (20.18dBm)	41.400mW (16.17dBm)
LTE Band 5B (5MHz + 10MHz)	826.8-844.0	124.738mW (20.96dBm)	108.393mW (20.35dBm)	86.896mW (19.39dBm)	41.020mW (16.13dBm)
LTE Band 5B (5MHz + 3MHz)	826.5-847.4	125.893mW (21.00dBm)	110.154mW (20.42dBm)	85.507mW (19.32dBm)	39.174mW (15.93dBm)
LTE Band 5B (3MHz + 5MHz)	825.6-846.5	116.950mW (20.68dBm)	108.643mW (20.36dBm)	85.901mW (19.34dBm)	40.738mW (16.10dBm)

Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power			
		QPSK	16QAM	64QAM	256QAM
LTE Band 2C (20MHz + 20MHz)	1860.0-1900.0	230.144mW (23.62dBm)	164.816mW (22.17dBm)	162.181mW (22.10dBm)	82.414mW (19.16dBm)
LTE Band 2C (20MHz + 15MHz)	1860.0-1902.2	223.872mW (23.50dBm)	215.774mW (23.34dBm)	158.125mW (21.99dBm)	80.910mW (19.08dBm)
LTE Band 2C (15MHz + 20MHz)	1857.6-1900.0	224.905mW (23.52dBm)	214.783mW (23.32dBm)	157.761mW (21.98dBm)	80.168mW (19.04dBm)
LTE Band 2C (20MHz + 10MHz)	1860.0-1904.5	226.986mW (23.56dBm)	216.272mW (23.35dBm)	159.221mW (22.02dBm)	79.983mW (19.03dBm)
LTE Band 2C (10MHz + 20MHz)	1855.5-1900.0	224.905mW (23.52dBm)	215.774mW (23.34dBm)	158.855mW (22.01dBm)	80.910mW (19.08dBm)
LTE Band 2C (20MHz + 5MHz)	1860.0-1906.7	225.424mW (23.53dBm)	217.270mW (23.37dBm)	117.490mW (20.70dBm)	80.353mW (19.05dBm)
LTE Band 2C (5MHz + 20MHz)	1853.3-1900.0	224.905mW (23.52dBm)	217.771mW (23.38dBm)	158.489mW (22.00dBm)	79.616mW (19.01dBm)
LTE Band 2C (15MHz + 10MHz)	1857.5-1904.7	224.388mW (23.51dBm)	217.270mW (23.37dBm)	159.221mW (22.02dBm)	80.168mW (19.04dBm)
LTE Band 2C (10MHz + 15MHz)	1855.3-1900.0	221.820mW (23.46dBm)	216.272mW (23.35dBm)	157.761mW (21.98dBm)	79.799mW (19.02dBm)
LTE Band 2C (15MHz + 15MHz)	1857.5-1902.5	224.388mW (23.51dBm)	215.278mW (23.33dBm)	159.588mW (22.03dBm)	80.168mW (19.04dBm)
LTE Band 7C (20MHz + 20MHz)	2510.0- 2560.0	241.546mW (23.83dBm)	207.970mW (23.18dBm)	157.761mW (21.98dBm)	85.507mW (19.32dBm)
LTE Band 7C (20MHz + 15MHz)	2510.0- 2562.2	237.684mW (23.76dBm)	205.589mW (23.13dBm)	153.815mW (21.87dBm)	83.753mW (19.23dBm)
LTE Band 7C (15MHz + 20MHz)	2507.8- 2560.0	238.232mW (23.77dBm)	204.174mW (23.10dBm)	154.525mW (21.89dBm)	83.946mW (19.24dBm)
LTE Band 7C (20MHz + 10MHz)	2510.0-2564.5	238.232mW (23.77dBm)	205.589mW (23.13dBm)	155.597mW (21.92dBm)	83.946mW (19.24dBm)
LTE Band 7C (10MHz + 20MHz)	2505.5- 2560.0	237.137mW (23.75dBm)	201.372mW (23.04dBm)	154.882mW (21.90dBm)	83.753mW (19.23dBm)
LTE Band 7C (15MHz + 15MHz)	2507.5-2562.5	236.592mW (23.74dBm)	201.372mW (23.04dBm)	155.239mW (21.91dBm)	84.528mW (19.27dBm)
LTE Band 7C (15MHz + 10MHz)	2507.5-2564.7	236.048mW (23.73dBm)	204.174mW (23.10dBm)	154.170mW (21.88dBm)	84.333mW (19.26dBm)
LTE Band 38C (20MHz + 20MHz)	2580.0-2610.0	261.818mW (24.18dBm)	219.786mW (23.42dBm)	176.604mW (22.47dBm)	88.308mW (19.46dBm)
LTE Band 38C (15MHz + 15MHz)	2577.5-2612.5	254.097mW (24.05dBm)	213.796mW (23.30dBm)	173.380mW (22.39dBm)	87.297mW (19.41dBm)

Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power			
		QPSK	16QAM	64QAM	256QAM
LTE Band 41C (20MHz + 20MHz)	2506.0-2680.0	486.407mW (26.87dBm)	475.335mW (26.77dBm)	454.988mW (26.58dBm)	437.522mW (26.41dBm)
LTE Band 41C (20MHz + 15MHz)	2506.0-2682.2	479.733mW (26.81dBm)	473.151mW (26.75dBm)	447.713mW (26.51dBm)	423.643mW (26.27dBm)
LTE Band 41C (15MHz + 20MHz)	2503.8-2680.0	478.630mW (26.80dBm)	473.151mW (26.75dBm)	444.631mW (26.48dBm)	434.510mW (26.38dBm)
LTE Band 41C (20MHz + 10MHz)	2506.0-2684.5	481.948mW (26.83dBm)	466.659mW (26.69dBm)	443.609mW (26.47dBm)	430.527mW (26.34dBm)
LTE Band 41C (10MHz + 20MHz)	2501.5-2680.0	478.630mW (26.80dBm)	461.318mW (26.64dBm)	447.713mW (26.51dBm)	429.536mW (26.33dBm)
LTE Band 41C (20MHz + 5MHz)	2506.0-2686.7	481.948mW (26.83dBm)	467.735mW (26.70dBm)	444.631mW (26.48dBm)	426.580mW (26.30dBm)
LTE Band 41C (5MHz + 20MHz)	2499.3-2680.0	475.335mW (26.77dBm)	463.447mW (26.66dBm)	445.656mW (26.49dBm)	430.527mW (26.34dBm)
LTE Band 41C (15MHz + 10MHz)	2503.5-2684.7	477.529mW (26.79dBm)	468.813mW (26.71dBm)	445.656mW (26.49dBm)	428.549mW (26.32dBm)
LTE Band 41C (10MHz + 15MHz)	2501.3-2682.5	473.151mW (26.75dBm)	464.515mW (26.67dBm)	445.656mW (26.49dBm)	429.536mW (26.33dBm)
LTE Band 41C (15MHz + 15MHz)	2503.5-2682.5	478.630mW (26.80dBm)	469.894mW (26.72dBm)	450.817mW (26.54dBm)	429.536mW (26.33dBm)
3450-3550MHz					
LTE Band 42C (20MHz + 20MHz)	3460.0-3540.0	190.985mW (22.81dBm)	145.211mW (21.62dBm)	111.173mW (20.46dBm)	83.946mW (19.24dBm)
LTE Band 42C (20MHz + 15MHz)	3460.0-3542.5	188.799mW (22.76dBm)	140.929mW (21.49dBm)	109.901mW (20.41dBm)	81.283mW (19.10dBm)
LTE Band 42C (15MHz + 20MHz)	3457.5-3540.0	186.209mW (22.70dBm)	140.929mW (21.49dBm)	109.648mW (20.40dBm)	82.224mW (19.15dBm)
LTE Band 42C (20MHz + 10MHz)	3460.0-3545.0	187.932mW (22.74dBm)	143.880mW (21.58dBm)	109.144mW (20.38dBm)	82.985mW (19.19dBm)
LTE Band 42C (10MHz + 20MHz)	3455.0-3540.0	185.353mW (22.68dBm)	142.561mW (21.54dBm)	109.144mW (20.38dBm)	82.604mW (19.17dBm)
LTE Band 42C (20MHz + 5MHz)	3460.0-3547.5	185.780mW (22.69dBm)	141.254mW (21.50dBm)	107.895mW (20.33dBm)	82.414mW (19.16dBm)
LTE Band 42C (5MHz + 20MHz)	3452.5-3540.0	188.799mW (22.76dBm)	142.561mW (21.54dBm)	109.648mW (20.40dBm)	81.658mW (19.12dBm)
3550~3600MHz					
LTE Band 42C (20MHz + 20MHz)	3560.0-3590.0	14.859mW (11.72dBm)	14.093mW (11.49dBm)	13.490mW (11.30dBm)	13.521mW (11.31dBm)
LTE Band 42C (20MHz + 15MHz)	3560.0-3592.5	14.757mW (11.69dBm)	13.868mW (11.42dBm)	13.183mW (11.20dBm)	13.213mW (11.21dBm)
LTE Band 42C (15MHz + 20MHz)	3557.5-3590.0	14.588mW (11.64dBm)	13.868mW (11.42dBm)	13.243mW (11.22dBm)	13.243mW (11.22dBm)
LTE Band 42C (20MHz + 10MHz)	3560.0-3595.0	14.622mW (11.65dBm)	13.804mW (11.40dBm)	13.183mW (11.20dBm)	13.305mW (11.24dBm)
LTE Band 42C (10MHz + 20MHz)	3555.0-3590.0	14.454mW (11.60dBm)	13.772mW (11.39dBm)	13.183mW (11.20dBm)	13.335mW (11.25dBm)
LTE Band 42C (20MHz + 5MHz)	3560.0-3597.5	14.588mW (11.64dBm)	13.932mW (11.44dBm)	13.213mW (11.21dBm)	13.243mW (11.22dBm)
LTE Band 42C (5MHz + 20MHz)	3552.5-3590.0	14.622mW (11.65dBm)	13.772mW (11.39dBm)	13.152mW (11.19dBm)	13.305mW (11.24dBm)

Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power			
		QPSK	16QAM	64QAM	256QAM
LTE Band 43C (20MHz + 20MHz)	3610.0-3690.0	15.668mW (11.95dBm)	15.276mW (11.84dBm)	15.101mW (11.79dBm)	14.655mW (11.66dBm)
LTE Band 43C (15MHz + 20MHz)	3607.5-3690.0	15.596mW (11.93dBm)	15.346mW (11.86dBm)	14.894mW (11.73dBm)	14.859mW (11.72dBm)
LTE Band 43C (10MHz + 20MHz)	3605.0-3690.0	15.631mW (11.94dBm)	15.560mW (11.92dBm)	14.859mW (11.72dBm)	14.859mW (11.72dBm)
LTE Band 43C (5MHz + 20MHz)	3602.5-3690.0	15.596mW (11.93dBm)	15.136mW (11.80dBm)	14.894mW (11.73dBm)	14.825mW (11.71dBm)
LTE Band 48C (20MHz + 20MHz)	3560.0-3690.0	14.997mW (11.76dBm)	14.757mW (11.69dBm)	14.028mW (11.47dBm)	13.397mW (11.27dBm)
LTE Band 48C (20MHz + 15MHz)	3560.0-3692.2	14.723mW (11.68dBm)	14.521mW (11.62dBm)	13.646mW (11.35dBm)	13.183mW (11.20dBm)
LTE Band 48C (15MHz + 20MHz)	3557.8-3690.0	14.825mW (11.71dBm)	14.454mW (11.60dBm)	13.709mW (11.37dBm)	13.122mW (11.18dBm)
LTE Band 48C (20MHz + 10MHz)	3560.0-3694.5	14.791mW (11.70dBm)	14.555mW (11.63dBm)	13.836mW (11.41dBm)	13.183mW (11.20dBm)
LTE Band 48C (10MHz + 20MHz)	3555.5-3690.0	14.723mW (11.68dBm)	14.388mW (11.58dBm)	13.740mW (11.38dBm)	13.002mW (11.14dBm)
LTE Band 48C (20MHz + 5MHz)	3560.0-3696.7	14.689mW (11.67dBm)	14.289mW (11.55dBm)	13.836mW (11.41dBm)	13.152mW (11.19dBm)
LTE Band 48C (5MHz + 20MHz)	3553.3-3690.0	14.859mW (11.72dBm)	14.622mW (11.65dBm)	13.677mW (11.36dBm)	13.092mW (11.17dBm)
LTE Band 66B (10MHz + 10MHz)	1715.0-1775.0	283.792mW (24.53dBm)	244.343mW (23.88dBm)	186.209mW (22.70dBm)	97.724mW (19.90dBm)
LTE Band 66B (15MHz + 5MHz)	1717.5-1777.0	278.612mW (24.45dBm)	240.436mW (23.81dBm)	182.390mW (22.61dBm)	97.724mW (19.90dBm)
LTE Band 66B (5MHz + 15MHz)	1713.0-1772.5	277.332mW (24.43dBm)	238.781mW (23.78dBm)	180.717mW (22.57dBm)	97.724mW (19.90dBm)
LTE Band 66B (10MHz + 5MHz)	1715.0-1777.2	276.694mW (24.42dBm)	239.332mW (23.79dBm)	183.231mW (22.63dBm)	97.724mW (19.90dBm)
LTE Band 66B (5MHz + 10MHz)	1712.8-1775.0	279.898mW (24.47dBm)	238.781mW (23.78dBm)	184.077mW (22.65dBm)	97.724mW (19.90dBm)
LTE Band 66B (5MHz + 5MHz)	1712.5-1777.5	277.971mW (24.44dBm)	239.332mW (23.79dBm)	183.231mW (22.63dBm)	97.724mW (19.90dBm)
LTE Band 66C (20MHz + 20MHz)	1720.0-1770.0	295.121mW (24.70dBm)	252.348mW (24.02dBm)	186.638mW (22.71dBm)	95.940mW (19.82dBm)
LTE Band 66C (20MHz + 15MHz)	1720.0-1772.2	287.740mW (24.59dBm)	244.343mW (23.88dBm)	185.353mW (22.68dBm)	93.756mW (19.72dBm)
LTE Band 66C (15MHz + 20MHz)	1717.8-1770.0	291.072mW (24.64dBm)	245.471mW (23.90dBm)	183.231mW (22.63dBm)	93.756mW (19.72dBm)
LTE Band 66C (20MHz + 10MHz)	1720.0-1774.6	287.740mW (24.59dBm)	248.313mW (23.95dBm)	184.502mW (22.66dBm)	93.111mW (19.69dBm)
LTE Band 66C (10MHz + 20MHz)	1715.5-1770.0	290.402mW (24.63dBm)	244.343mW (23.88dBm)	185.780mW (22.69dBm)	93.756mW (19.72dBm)
LTE Band 66C (20MHz + 5MHz)	1720.0-1776.7	287.740mW (24.59dBm)	246.604mW (23.92dBm)	183.231mW (22.63dBm)	93.541mW (19.71dBm)
LTE Band 66C (5MHz + 20MHz)	1713.3-1770.0	289.734mW (24.62dBm)	246.604mW (23.92dBm)	182.390mW (22.61dBm)	93.111mW (19.69dBm)
LTE Band 66C (15MHz + 10MHz)	1717.5-1774.7	289.734mW (24.62dBm)	246.604mW (23.92dBm)	181.552mW (22.59dBm)	93.972mW (19.73dBm)
LTE Band 66C (10MHz + 15MHz)	1715.3-1772.5	289.068mW (24.61dBm)	247.742mW (23.94dBm)	184.077mW (22.65dBm)	92.897mW (19.68dBm)
LTE Band 66C (15MHz + 15MHz)	1717.5-1772.5	288.403mW (24.60dBm)	246.604mW (23.92dBm)	182.390mW (22.61dBm)	93.972mW (19.73dBm)

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

5. The EUT support the following CA Configuration.

Band Configuration
2C
5B
7C
38C
41C
42C
43C
48C
66B
66C

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

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

E-UTRA CA configuration / Bandwidth combination set		
E-UTRA CA Configuration	Component carriers in order of increasing carrier frequency Channel bandwidth for PCC and SCC [MHz]	Maximum aggregated bandwidth [MHz]
CA_43C	5+20	25
	10+20	30
	15+20	35
	20+20	40
CA_48C	20+5 / 5+20	25
	20+10 / 10+20	30
	20+15 / 15+20	35
	20+20	40
CA_66B	5+5	10
	10+5 / 5+10	15
	10+10 / 15+5 / 5+15	20
CA_66C	15+10 / 10+15	25
	20+5 / 5+20	25
	20+10 / 10+20 / 15+15	30
	20+15 / 15+20	35
	20+20	40

*2C is continuous CA and maximum combination is 20M+20M.
*5B is continuous CA and maximum combination is 10M+10M.
*7C is continuous CA and maximum combination is 20M+20M.
*38C is continuous CA and maximum combination is 20M+20M.
*41C is continuous CA and maximum combination is 20M+20M.
*42C is continuous CA and maximum combination is 20M+20M.
*43C is continuous CA and maximum combination is 20M+20M.
*48C is continuous CA and maximum combination is 20M+20M.
*66B is continuous CA and maximum combination is 10M+10M.
*66C is continuous CA and maximum combination is 20M+20M.

7. The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

3.2 Antenna Description of EUT

1. The antenna information is listed as below.

Antenna Type	Antenna Connector	Band	Peak Gain (dBi)			
			Main (Ant. 0)	Aux. (Ant. 2)	MIMO1 (Ant. 1)	MIMO2 (Ant. 3)
PIFA	MHF-4	LTE 2	1.3	-	-	-
		LTE 5	0.5	-	-	-
		LTE 7	1.37	-	-	-
		LTE 38	0.59	-	-	-
		LTE 41	1.37	-	-	-
		LTE 42 (3450-3550MHz)	-	-	-	0.7
		LTE 42 (3550~3600MHz)	-	-	-	0.85
		LTE 43	-	-	-	0.85
		LTE 48	-	-	-	0.85
		LTE 66	2.3	-	-	-

* Detail antenna specification please refer to antenna datasheet and/or antenna measurement report.

3.3 Test Mode Applicability and Tested Channel Detail

The EUT is designed to be positioned on the NB Mode only.

For LTE Band 2C

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

For LTE Band 5B

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

For LTE Band 7C

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

For LTE Band 38C

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

For LTE Band 41C

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

For LTE Band 42C (3450-3550MHz)

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

For LTE Band 42C (3550~3600MHz)

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	43190 (3560.0MHz) + 43388 (3579.8MHz) 43241 (3565.1MHz) + 43439 (3584.9MHz) 43292 (3570.2MHz) + 43490 (3590.0MHz)	20MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	43190 (3560.0MHz) + 43361 (3577.1MHz) 43266 (3567.6MHz) + 43437 (3584.7MHz) 43344 (3575.4MHz) + 43515 (3592.5MHz)	20MHz + 15MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	43165 (3557.5MHz) + 43336 (3574.6MHz) 43243 (3565.3MHz) + 43414 (3582.4MHz) 43319 (3572.9MHz) + 43490 (3590.0MHz)	15MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	43190 (3560.0MHz) + 43334 (3574.4MHz) 43291 (3570.1MHz) + 43435 (3584.5MHz) 43396 (3580.6MHz) + 43540 (3595.0MHz)	20MHz + 10MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	43140 (3555.0MHz) + 43284 (3569.4MHz) 43246 (3565.6MHz) + 43390 (3580.0MHz) 43346 (3575.6MHz) + 43490 (3590.0MHz)	10MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	43190 (3560.0MHz) + 43307 (3571.7MHz) 43315 (3572.5MHz) + 43432 (3584.2MHz) 43448 (3585.8MHz) + 43565 (3597.5MHz)	20MHz + 5MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	43115 (3552.5MHz) + 43232 (3564.2MHz) 43248 (3565.8MHz) + 43365 (3577.5MHz) 43373 (3578.3MHz) + 43490 (3590.0MHz)	5MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
RE Below 1GHz	43292 (3570.2MHz) + 43490 (3590.0MHz)	20MHz + 20MHz	QPSK	1 RB
RE Above 1GHz	43190 (3560.0MHz) + 43388 (3579.8MHz) 43241 (3565.1MHz) + 43439 (3584.9MHz) 43292 (3570.2MHz) + 43490 (3590.0MHz)	20MHz + 20MHz	QPSK	1 RB

For LTE Band 43C

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	43690 (3610.0MHz) + 43888 (3629.8MHz) 43991 (3640.1MHz) + 44189 (3659.9MHz) 44292 (3670.2MHz) + 44490 (3690.0MHz)	20MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	43665 (3607.5MHz) + 43836 (3624.6MHz) 43993 (3640.3MHz) + 44164 (3657.4MHz) 44319 (3672.9MHz) + 44490 (3690.0MHz)	15MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	43640 (3605.0MHz) + 43784 (3619.4MHz) 43996 (3640.6MHz) + 44140 (3655.0MHz) 44346 (3675.6MHz) + 44490 (3690.0MHz)	10MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	43615 (3602.5MHz) + 43732 (3614.2MHz) 43998 (3640.8MHz) + 44115 (3652.5MHz) 44373 (3678.3MHz) + 44490 (3690.0MHz)	5MHz + 20MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
RE Below 1GHz	44292 (3670.2MHz) + 44490 (3690.0MHz)	20MHz + 20MHz	QPSK	1 RB
RE Above 1GHz	43690 (3610.0MHz) + 43888 (3629.8MHz) 43991 (3640.1MHz) + 44189 (3659.9MHz) 44292 (3670.2MHz) + 44490 (3690.0MHz)	20MHz + 20MHz	QPSK	1 RB

For LTE Band 48C

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

For LTE Band 66B

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

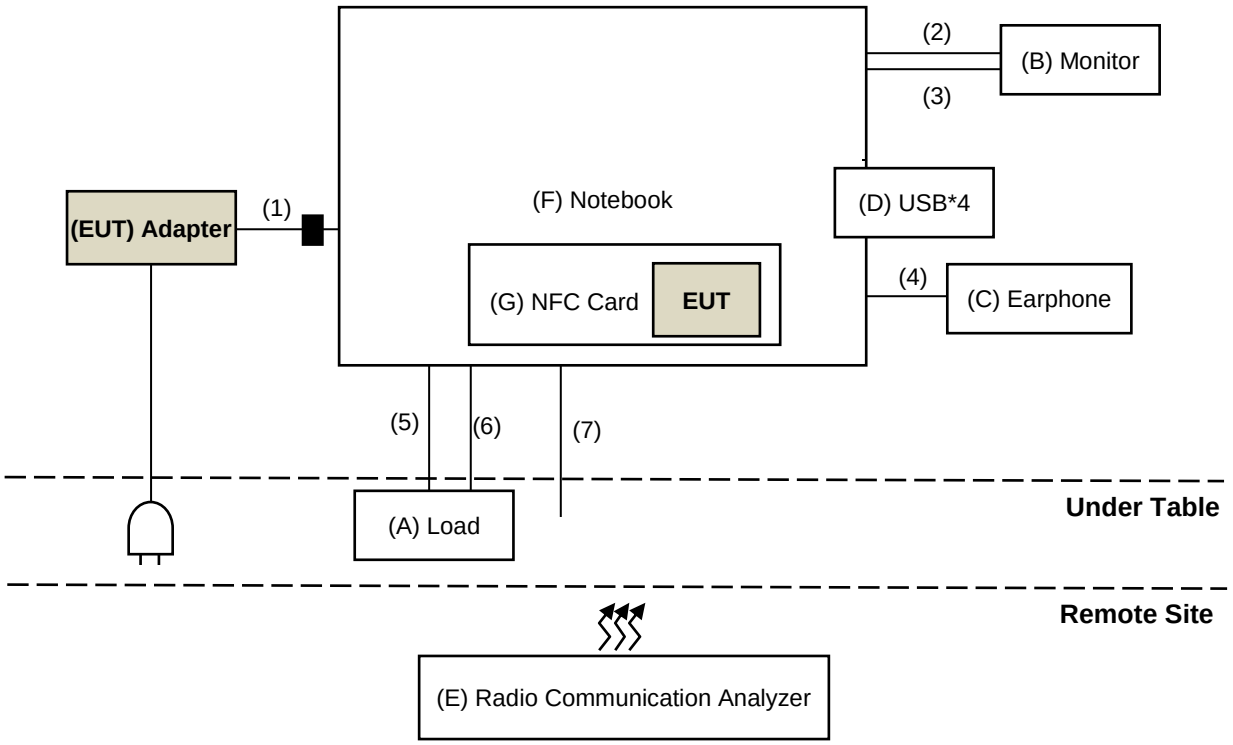
For LTE Band 66C

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

3.4 Test Program Used and Operation Descriptions

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

3.5 Connection Diagram of EUT and Peripheral Devices



3.6 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Load	N/A	N/A	N/A	N/A	Provided by Lab
B	Monitor	ENVISON	TFT22W90PS1	ECRE4JA000764	N/A	Provided by Lab
C	Earphone	APPLE	MB77PFEB	N/A	N/A	Provided by Lab
D	USB*4	SanDisk	SDDDC3-032G	N/A	N/A	Provided by Lab
E	Radio Communication Analyzer	Anritsu	MT8821C	6201462755	N/A	Provided by Lab
F	Notebook	Getac	S510	N/A	N/A	Supplied by applicant
G	NFC Card	TYPE-B	N/A	N/A	N/A	Provided by Lab

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	ADAPTER	1	1.2	Y	1	Accessory of EUT
2	HDMI	1	1.8	Y	0	Provided by Lab
3	D-SUB	1	1.8	Y	2	Provided by Lab
4	AUDIO	1	1.2	N	0	Provided by Lab
5	LAN	1	1.5	N	0	Provided by Lab
6	LAN	1	1.5	N	0	Provided by Lab
7	RS232	1	1.5	N	0	Provided by Lab

4 Test Instruments

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

4.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
N9030B - PXA Signal Analyzer KEYSIGHT	N9030B	MY57140488	2024/3/6	2025/3/5
Radio Communication Analyzer Anritsu	MT8821C	6201462755	2024/3/13	2025/3/12
Software BV	ADT_RF Test Software V6.6.5.4	N/A	N/A	N/A

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2024/4/16 ~ 2024/5/24

4.2 Radiated Spurious Emissions below 1GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower inn-co GmbH	MA 4000	010303	N/A	N/A
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-155	2023/10/13	2024/10/12
EMI Test Receiver R&S	ESR3	102782	2023/12/7	2024/12/6
Loop Antenna Electro-Metrics	EM-6879	269	2023/9/23	2024/9/22
Loop Antenna TESEQ	HLA 6121	45745	2023/8/8	2024/8/7
Preamplifier Agilent	8447D	2944A10631	2023/5/7 2024/5/1	2024/5/6 2025/4/30
Preamplifier EMCI	EMC001340	980201	2023/9/27	2024/9/26
RF Coaxial Cable Woken	8D-FB	Cable-CH4-01	2023/7/8	2024/7/7
Signal & Spectrum Analyzer R&S	FSW43	101582	2023/4/13 2024/4/12	2024/4/12 2025/4/11
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table BV ADT	TT100	TT93021705	N/A	N/A
Turn Table Controller BV ADT	SC100	SC93021705	N/A	N/A

Notes:

1. The test was performed in HY - 966 chamber 3.
2. Tested Date: 2024/3/9 ~ 2024/5/27

4.3 Radiated Spurious Emissions above 1GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower inn-co GmbH	MA 4000	010303	N/A	N/A
Boresight antenna tower fixture BV	BAF-02	5	N/A	N/A
EMI Test Receiver R&S	ESR3	102782	2023/12/7	2024/12/6
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-408	2023/11/12	2024/11/11
	BBHA 9170	9170-480	2023/11/12	2024/11/11
		BBHA9170241	2023/10/16	2024/10/15
		BBHA9170243	2023/11/12	2024/11/11
Preamplifier EMCI	EMC 184045	980116	2023/9/27	2024/9/26
Preamplifier Keysight	83017A	MY53270295	2023/5/7 2024/5/1	2024/5/6 2025/4/30
RF Coaxial Cable EMCI	EMC102-KM-KM-600	150928	2023/7/8	2024/7/7
	EMC102-KM-KM-3000	150929	2023/7/8	2024/7/7
RF Coaxial Cable HUBER+SUHNER	SUCOFLEX 104	Cable-CH4-03(250724)	2023/5/7 2024/5/1	2024/5/6 2025/4/30
	Sucoflex 104	MY 13380+295012/04	2023/5/7 2024/5/1	2024/5/6 2025/4/30
Signal & Spectrum Analyzer R&S	FSW43	101582	2023/4/13 2024/4/12	2024/4/12 2025/4/11
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table BV ADT	TT100	TT93021705	N/A	N/A
Turn Table Controller BV ADT	SC100	SC93021705	N/A	N/A

Notes:

1. The test was performed in HY - 966 chamber 3.
2. Tested Date: 2024/3/11 ~ 2024/5/27

5 Limits of Test Items

5.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

For LTE Band 2C:

Mobile and portable stations are limited to 2 watts EIRP.

For LTE Band 5B:

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

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

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

For LTE Band 42C (3450-3550MHz)

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

For LTE Band 42C (3550-3600MHz), LTE Band 43C, LTE Band 48C:

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

For LTE Band 66B, LTE Band 66C:

Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP.

5.2 Radiated Spurious Emissions below 1GHz

For LTE Band 2C, LTE Band 5B:

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB. The emission limit equal to –13 dBm.

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

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

For LTE Band 42C (3450-3550MHz)

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

For LTE Band 42C (3550-3600MHz), LTE Band 43C, LTE Band 48C:

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

For LTE Band 66B, LTE Band 66C:

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

5.3 Radiated Spurious Emissions above 1GHz

For LTE Band 2C, LTE Band 5B:

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB. The emission limit equal to –13 dBm.

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

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

For LTE Band 42C (3450-3550MHz)

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

For LTE Band 42C (3550-3600MHz), LTE Band 43C, LTE Band 48C:

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

For LTE Band 66B, LTE Band 66C:

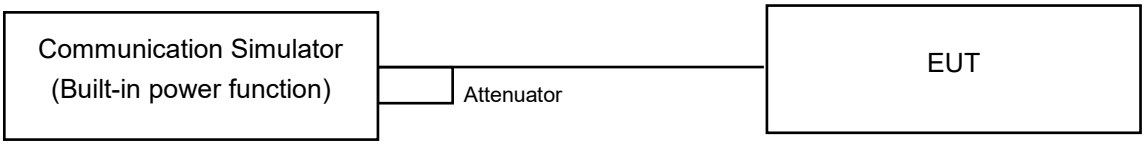
According to FCC 47 CFR part 27.53(h), for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log (P) dB. The limit of emission is equal to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

6 Test Arrangements

6.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

6.1.1 Test Setup

Conducted Power Measurement:



6.1.2 Test Procedure

Conducted Power Measurement:

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

Maximum EIRP / ERP

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

$EIRP = P_{Meas} + G_T$

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

where

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

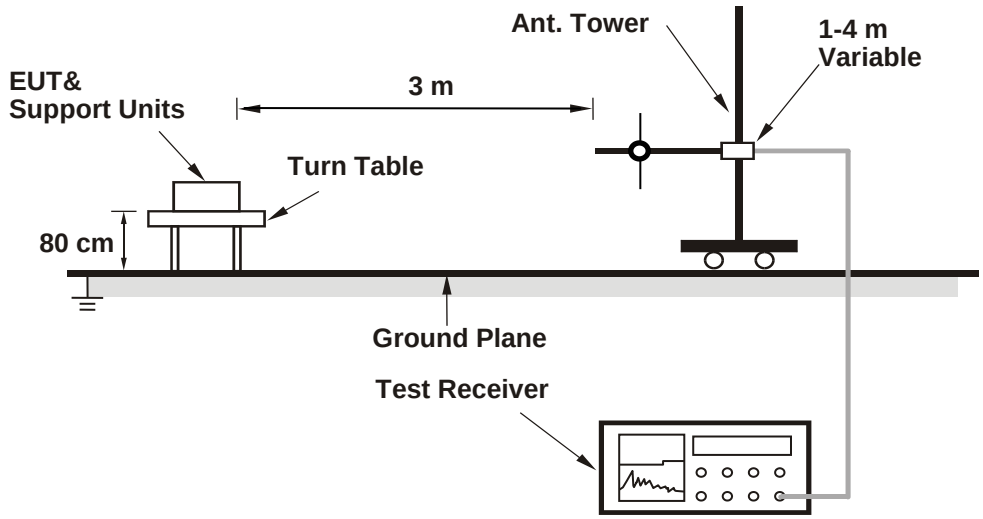
P_{Meas} measured transmitter output power or PSD, in dBm or dBW

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

6.2 Radiated Spurious Emissions below 1GHz

6.2.1 Test Setup

For radiated emission 30 MHz to 1 GHz



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

6.2.2 Test Procedure

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

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

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

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

d. Following C63.26 section 5.5 and 5.2.7

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

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

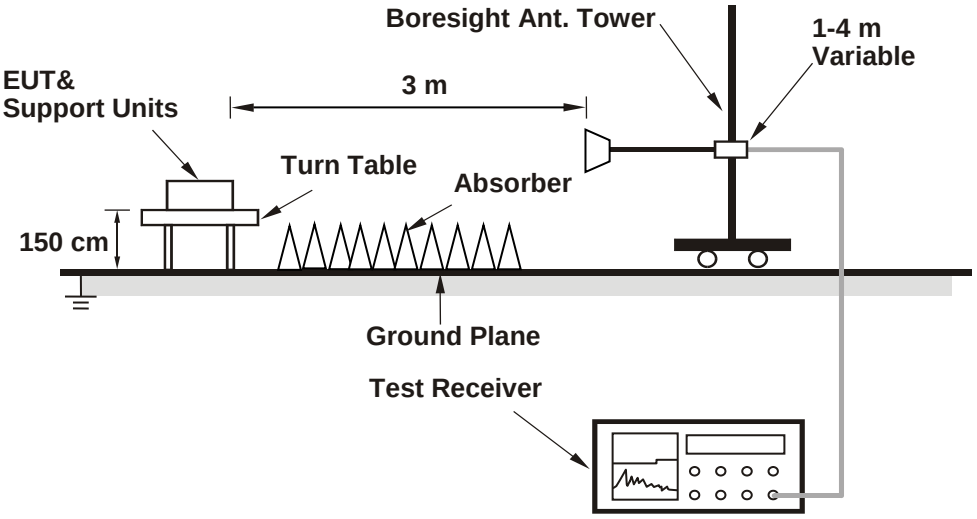
Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz/3 MHz.
2. The emission levels were against the limit of frequency range 9 kHz ~ 30 MHz:
   The amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required to be report.

6.3 Radiated Spurious Emissions above 1GHz

6.3.1 Test Setup

For radiated emission above 1 GHz



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

6.3.2 Test Procedure

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

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

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

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

d. Following C63.26 section 5.5 and 5.2.7

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

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

Note:

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

7 Test Results of Test Item

7.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	22°C, 65% RH	Tested By:	Willy Cheng

7.1.1 LTE Band 2C

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_2C	2	20	QPSK	1	0	18700	1860	2	20	QPSK	1	99	18898	1879.8	15.12	16.42
					1	99						1	0			22.32	23.62
					100	0						100	0			20.29	21.59
		2	20	QPSK	1	0	18801	1870.1	2	20	QPSK	1	99	18999	1889.9	15.26	16.56
					1	99						1	0			22.28	23.58
					100	0						100	0			20.37	21.67
		2	20	QPSK	1	0	18902	1880.2	2	20	QPSK	1	99	19100	1900	18.12	19.42
					1	99						1	0			22.00	23.30
					100	0						100	0			20.32	21.62
	CA_2C	2	20	QPSK	1	0	18700	1860	2	15	QPSK	1	74	18871	1877.1	15.05	16.35
					1	99						1	0			22.20	23.50
					100	0						75	0			20.22	21.52
		2	20	QPSK	1	0	18826	1872.6	2	15	QPSK	1	74	18997	1889.7	15.15	16.45
					1	99						1	0			22.19	23.49
					100	0						75	0			20.27	21.57
		2	20	QPSK	1	0	1895.1	1885.1	2	15	QPSK	1	74	19122	1902.2	18.02	19.32
					1	99						1	0			21.87	23.17
					100	0						75	0			20.20	21.50
	CA_2C	2	15	QPSK	1	0	18678	1857.6	2	20	QPSK	1	99	18849	1874.9	15.04	16.34
					1	74						1	0			22.21	23.51
					75	0						100	0			20.18	21.48
		2	15	QPSK	1	0	18803	1870.3	2	20	QPSK	1	99	18974	1887.4	15.17	16.47
					1	74						1	0			22.22	23.52
					75	0						100	0			20.27	21.57
		2	15	QPSK	1	0	18929	1882.9	2	20	QPSK	1	99	19100	1900	18.02	19.32
					1	74						1	0			21.91	23.21
					75	0						100	0			20.21	21.51
	CA_2C	2	20	QPSK	1	0	18700	1860	2	10	QPSK	1	49	18844	1874.4	15.02	16.32
					1	99						1	0			22.26	23.56
					100	0						50	0			20.18	21.48
		2	20	QPSK	1	0	18851	1875.1	2	10	QPSK	1	49	18995	1889.5	15.11	16.41
					1	99						1	0			22.16	23.46
					100	0						50	0			20.29	21.59
		2	20	QPSK	1	0	19001	1890.1	2	10	QPSK	1	49	19145	1904.5	18.04	19.34
					1	99						1	0			21.89	23.19
					100	0						50	0			20.26	21.56
	CA_2C	2	10	QPSK	1	0	18655	1855.5	2	20	QPSK	1	99	18799	1869.9	15.04	16.34
					1	49						1	0			22.22	23.52
					50	0						100	0			20.15	21.45
		2	10	QPSK	1	0	18806	1870.6	2	20	QPSK	1	99	18950	1885	15.13	16.43
					1	49						1	0			22.16	23.46
					50	0						100	0			20.27	21.57
		2	10	QPSK	1	0	18956	1885.6	2	20	QPSK	1	99	19100	1900	18.02	19.32
					1	49						1	0			21.92	23.22
					50	0						100	0			20.21	21.51

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_2C	2	20	QPSK	1	0	18700	1860	2	5	QPSK	1	24	18817	1871.7	15.03	16.33
					1	99						1	0			22.23	23.53
					100	0						25	0			20.22	21.52
		2	20	QPSK	1	0	18875	1877.5	2	5	QPSK	1	24	18992	1889.2	15.18	16.48
					1	99						1	0			22.17	23.47
					100	0						25	0			20.28	21.58
		2	20	QPSK	1	0	19050	1895	2	5	QPSK	1	24	19167	1906.7	18.01	19.31
					1	99						1	0			21.92	23.22
					100	0						25	0			20.25	21.55
	CA_2C	2	5	QPSK	1	0	18633	1853.3	2	20	QPSK	1	99	18750	1865	15.00	16.30
					1	24						1	0			22.22	23.52
					25	0						100	0			20.19	21.49
		2	5	QPSK	1	0	18802	187.08	2	20	QPSK	1	99	18925	1882.5	15.17	16.47
					1	24						1	0			22.15	23.45
					25	0						100	0			20.29	21.59
		2	5	QPSK	1	0	18983	1888.3	2	20	QPSK	1	99	19100	1900	18.06	19.36
					1	24						1	0			21.92	23.22
					25	0						100	0			20.20	21.50
	CA_2C	2	15	QPSK	1	0	18675	1857.5	2	10	QPSK	1	49	18795	1869.5	15.05	16.35
					1	74						1	0			22.21	23.51
					75	0						50	0			20.17	21.47
		2	15	QPSK	1	0	18851	1875.1	2	10	QPSK	1	49	18971	1887.1	15.14	16.44
					1	74						1	0			22.16	23.46
					75	0						50	0			20.30	21.60
		2	15	QPSK	1	0	19027	1892.7	2	10	QPSK	1	49	19147	1904.7	18.01	19.31
					1	74						1	0			21.93	23.23
					75	0						50	0			20.23	21.53
	CA_2C	2	10	QPSK	1	0	18653	1855.3	2	15	QPSK	1	74	18773	1867.3	15.00	16.30
					1	49						1	0			22.16	23.46
					50	0						75	0			20.17	21.47
		2	10	QPSK	1	0	18829	1872.9	2	15	QPSK	1	74	18949	1884.9	15.13	16.43
					1	49						1	0			22.15	23.45
					50	0						75	0			20.31	21.61
		2	10	QPSK	1	0	19005	1890.5	2	15	QPSK	1	74	19100	1900	18.04	19.34
					1	49						1	0			21.90	23.20
					50	0						75	0			20.20	21.50
	CA_2C	2	15	QPSK	1	0	18675	1857.5	2	15	QPSK	1	74	18825	1872.5	15.06	16.36
					1	74						1	0			22.21	23.51
					75	0						75	0			20.18	21.48
		2	15	QPSK	1	0	18825	1872.5	2	15	QPSK	1	74	18975	1887.5	15.14	16.44
					1	74						1	0			22.16	23.46
					75	0						75	0			20.28	21.58
		2	15	QPSK	1	0	18975	1887.5	2	15	QPSK	1	74	19125	1902.5	18.00	19.30
					1	74						1	0			21.88	23.18
					75	0						75	0			20.20	21.50

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_2C	2	20	16QAM	1	0	18700	1860	2	20	16QAM	1	99	18898	1879.8	18.33	19.63
					1	99						1	0			22.10	23.40
					100	0						100	0			19.93	21.23
		2	20	16QAM	1	0	18801	1870.1	2	20	16QAM	1	99	18999	1889.9	18.17	19.47
					1	99						1	0			22.17	23.47
					100	0						100	0			20.10	21.40
		2	20	16QAM	1	0	18902	1880.2	2	20	16QAM	1	99	19100	1900	18.02	19.32
					1	99						1	0			22.01	23.31
					100	0						100	0			19.80	21.10
	CA_2C	2	20	16QAM	1	0	18700	1860	2	15	16QAM	1	74	18871	1877.1	18.22	19.52
					1	99						1	0			22.04	23.34
					100	0						75	0			19.83	21.13
		2	20	16QAM	1	0	18826	1872.6	2	15	16QAM	1	74	18997	1889.7	18.01	19.31
					1	99						1	0			22.02	23.32
					100	0						75	0			20.00	21.30
		2	20	16QAM	1	0	1895.1	1885.1	2	15	16QAM	1	74	19122	1902.2	17.89	19.19
					1	99						1	0			21.90	23.20
					100	0						75	0			19.69	20.99
	CA_2C	2	15	16QAM	1	0	18678	1857.6	2	20	16QAM	1	99	18849	1874.9	18.21	19.51
					1	74						1	0			22.01	23.31
					75	0						100	0			19.82	21.12
		2	15	16QAM	1	0	18803	1870.3	2	20	16QAM	1	99	18974	1887.4	18.06	19.36
					1	74						1	0			22.02	23.32
					75	0						100	0			20.03	21.33
		2	15	16QAM	1	0	18929	1882.9	2	20	16QAM	1	99	19100	1900	17.89	19.19
					1	74						1	0			21.91	23.21
					75	0						100	0			19.72	21.02
	CA_2C	2	20	16QAM	1	0	18700	1860	2	10	16QAM	1	49	18844	1874.4	18.22	19.52
					1	99						1	0			21.97	23.27
					100	0						50	0			19.84	21.14
		2	20	16QAM	1	0	18851	1875.1	2	10	16QAM	1	49	18995	1889.5	18.05	19.35
					1	99						1	0			22.05	23.35
					100	0						50	0			19.95	21.25
		2	20	16QAM	1	0	19001	1890.1	2	10	16QAM	1	49	19145	1904.5	17.91	19.21
					1	99						1	0			21.93	23.23
					100	0						50	0			19.68	20.98
	CA_2C	2	10	16QAM	1	0	18655	1855.5	2	20	16QAM	1	99	18799	1869.9	18.23	19.53
					1	49						1	0			21.96	23.26
					50	0						100	0			19.83	21.13
		2	10	16QAM	1	0	18806	1870.6	2	20	16QAM	1	99	18950	1885	18.12	19.42
					1	49						1	0			22.04	23.34
					50	0						100	0			19.99	21.29
		2	10	16QAM	1	0	18956	1885.6	2	20	16QAM	1	99	19100	1900	17.92	19.22
					1	49						1	0			21.90	23.20
					50	0						100	0			19.70	21.00

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_2C	2	20	16QAM	1	0	18700	1860	2	5	16QAM	1	24	18817	1871.7	18.21	19.51
					1	99						1	0			22.01	23.31
					100	0						25	0			19.81	21.11
		2	20	16QAM	1	0	18875	1877.5	2	5	16QAM	1	24	18992	1889.2	18.09	19.39
					1	99						1	0			22.07	23.37
					100	0						25	0			19.96	21.26
		2	20	16QAM	1	0	19050	1895	2	5	16QAM	1	24	19167	1906.7	17.90	19.20
					1	99						1	0			21.88	23.18
					100	0						25	0			19.74	21.04
	CA_2C	2	5	16QAM	1	0	18633	1853.3	2	20	16QAM	1	99	18750	1865	18.23	19.53
					1	24						1	0			21.97	23.27
					25	0						100	0			19.80	21.10
		2	5	16QAM	1	0	18802	187.08	2	20	16QAM	1	99	18925	1882.5	18.10	19.40
					1	24						1	0			22.08	23.38
					25	0						100	0			19.97	21.27
		2	5	16QAM	1	0	18983	1888.3	2	20	16QAM	1	99	19100	1900	17.95	19.25
					1	24						1	0			21.89	23.19
					25	0						100	0			19.68	20.98
	CA_2C	2	15	16QAM	1	0	18675	1857.5	2	10	16QAM	1	49	18795	1869.5	18.21	19.51
					1	74						1	0			21.96	23.26
					75	0						50	0			19.86	21.16
		2	15	16QAM	1	0	18851	1875.1	2	10	16QAM	1	49	18971	1887.1	18.08	19.38
					1	74						1	0			22.07	23.37
					75	0						50	0			20.02	21.32
		2	15	16QAM	1	0	19027	1892.7	2	10	16QAM	1	49	19147	1904.7	17.91	19.21
					1	74						1	0			21.91	23.21
					75	0						50	0			19.68	20.98
	CA_2C	2	10	16QAM	1	0	18653	1855.3	2	15	16QAM	1	74	18773	1867.3	18.19	19.49
					1	49						1	0			22.03	23.33
					50	0						75	0			19.78	21.08
		2	10	16QAM	1	0	18829	1872.9	2	15	16QAM	1	74	18949	1884.9	18.05	19.35
					1	49						1	0			22.05	23.35
					50	0						75	0			20.00	21.30
		2	10	16QAM	1	0	19005	1890.5	2	15	16QAM	1	74	19100	1900	17.96	19.26
					1	49						1	0			21.87	23.17
					50	0						75	0			19.71	21.01
	CA_2C	2	15	16QAM	1	0	18675	1857.5	2	15	16QAM	1	74	18825	1872.5	18.23	19.53
					1	74						1	0			22.00	23.30
					75	0						75	0			19.83	21.13
		2	15	16QAM	1	0	18825	1872.5	2	15	16QAM	1	74	18975	1887.5	18.10	19.40
					1	74						1	0			22.03	23.33
					75	0						75	0			20.00	21.30
		2	15	16QAM	1	0	18975	1887.5	2	15	16QAM	1	74	19125	1902.5	17.89	19.19
					1	74						1	0			21.86	23.16
					75	0						75	0			19.69	20.99

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_2C	2	20	64QAM	1	0	18700	1860	2	20	64QAM	1	99	18898	1879.8	17.13	18.43
					1	99						1	0			20.80	22.10
					100	0						100	0			18.82	20.12
		2	20	64QAM	1	0	18801	1870.1	2	20	64QAM	1	99	18999	1889.9	17.05	18.35
					1	99						1	0			20.62	21.92
					100	0						100	0			18.54	19.84
		2	20	64QAM	1	0	18902	1880.2	2	20	64QAM	1	99	19100	1900	17.05	18.35
					1	99						1	0			20.55	21.85
					100	0						100	0			18.46	19.76
	CA_2C	2	20	64QAM	1	0	18700	1860	2	15	64QAM	1	74	18871	1877.1	17.06	18.36
					1	99						1	0			20.69	21.99
					100	0						75	0			18.73	20.03
		2	20	64QAM	1	0	18826	1872.6	2	15	64QAM	1	74	18997	1889.7	16.89	18.19
					1	99						1	0			20.53	21.83
					100	0						75	0			18.42	19.72
		2	20	64QAM	1	0	1895.1	1885.1	2	15	64QAM	1	74	19122	1902.2	16.97	18.27
					1	99						1	0			20.45	21.75
					100	0						75	0			18.40	19.70
	CA_2C	2	15	64QAM	1	0	18678	1857.6	2	20	64QAM	1	99	18849	1874.9	17.01	18.31
					1	74						1	0			20.68	21.98
					75	0						100	0			18.72	20.02
		2	15	64QAM	1	0	18803	1870.3	2	20	64QAM	1	99	18974	1887.4	17.00	18.30
					1	74						1	0			20.55	21.85
					75	0						100	0			18.42	19.72
		2	15	64QAM	1	0	18929	1882.9	2	20	64QAM	1	99	19100	1900	16.95	18.25
					1	74						1	0			20.46	21.76
					75	0						100	0			18.34	19.64
	CA_2C	2	20	64QAM	1	0	18700	1860	2	10	64QAM	1	49	18844	1874.4	17.00	18.30
					1	99						1	0			20.72	22.02
					100	0						50	0			18.74	20.04
		2	20	64QAM	1	0	18851	1875.1	2	10	64QAM	1	49	18995	1889.5	16.99	18.29
					1	99						1	0			20.50	21.80
					100	0						50	0			18.43	19.73
		2	20	64QAM	1	0	19001	1890.1	2	10	64QAM	1	49	19145	1904.5	16.95	18.25
					1	99						1	0			20.42	21.72
					100	0						50	0			18.34	19.64
	CA_2C	2	10	64QAM	1	0	18655	1855.5	2	20	64QAM	1	99	18799	1869.9	17.07	18.37
					1	49						1	0			20.71	22.01
					50	0						100	0			18.75	20.05
		2	10	64QAM	1	0	18806	1870.6	2	20	64QAM	1	99	18950	1885	16.94	18.24
					1	49						1	0			20.53	21.83
					50	0						100	0			18.41	19.71
		2	10	64QAM	1	0	18956	1885.6	2	20	64QAM	1	99	19100	1900	16.94	18.24
					1	49						1	0			20.43	21.73
					50	0						100	0			18.34	19.64

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_2C	2	20	64QAM	1	0	18700	1860	2	5	64QAM	1	24	18817	1871.7	17.03	18.33
					1	99						1	0			20.70	22.00
					100	0						25	0			18.67	19.97
		2	20	64QAM	1	0	18875	1877.5	2	5	64QAM	1	24	18992	1889.2	16.95	18.25
					1	99						1	0			20.50	21.80
					100	0						25	0			18.43	19.73
		2	20	64QAM	1	0	19050	1895	2	5	64QAM	1	24	19167	1906.7	16.97	18.27
					1	99						1	0			20.48	21.78
					100	0						25	0			18.39	19.69
	CA_2C	2	5	64QAM	1	0	18633	1853.3	2	20	64QAM	1	99	18750	1865	17.06	18.36
					1	24						1	0			20.70	22.00
					25	0						100	0			18.71	20.01
		2	5	64QAM	1	0	18802	187.08	2	20	64QAM	1	99	18925	1882.5	16.94	18.24
					1	24						1	0			20.47	21.77
					25	0						100	0			18.43	19.73
		2	5	64QAM	1	0	18983	1888.3	2	20	64QAM	1	99	19100	1900	16.98	18.28
					1	24						1	0			20.46	21.76
					25	0						100	0			18.38	19.68
	CA_2C	2	15	64QAM	1	0	18675	1857.5	2	10	64QAM	1	49	18795	1869.5	17.04	18.34
					1	74						1	0			20.72	22.02
					75	0						50	0			18.69	19.99
		2	15	64QAM	1	0	18851	1875.1	2	10	64QAM	1	49	18971	1887.1	16.97	18.27
					1	74						1	0			20.54	21.84
					75	0						50	0			18.45	19.75
		2	15	64QAM	1	0	19027	1892.7	2	10	64QAM	1	49	19147	1904.7	16.96	18.26
					1	74						1	0			20.49	21.79
					75	0						50	0			18.34	19.64
	CA_2C	2	10	64QAM	1	0	18653	1855.3	2	15	64QAM	1	74	18773	1867.3	17.02	18.32
					1	49						1	0			20.68	21.98
					50	0						75	0			18.74	20.04
		2	10	64QAM	1	0	18829	1872.9	2	15	64QAM	1	74	18949	1884.9	16.97	18.27
					1	49						1	0			20.53	21.83
					50	0						75	0			18.42	19.72
		2	10	64QAM	1	0	19005	1890.5	2	15	64QAM	1	74	19100	1900	16.90	18.20
					1	49						1	0			20.45	21.75
					50	0						75	0			18.37	19.67
	CA_2C	2	15	64QAM	1	0	18675	1857.5	2	15	64QAM	1	74	18825	1872.5	17.04	18.34
					1	74						1	0			20.73	22.03
					75	0						75	0			18.68	19.98
		2	15	64QAM	1	0	18825	1872.5	2	15	64QAM	1	74	18975	1887.5	16.91	18.21
					1	74						1	0			20.50	21.80
					75	0						75	0			18.42	19.72
		2	15	64QAM	1	0	18975	1887.5	2	15	64QAM	1	74	19125	1902.5	16.96	18.26
					1	74						1	0			20.41	21.71
					75	0						75	0			18.34	19.64

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_2C	2	20	256QAM	1	0	18700	1860	2	20	256QAM	1	99	18898	1879.8	14.01	15.31
					1	99						1	0			17.86	19.16
					100	0						100	0			15.34	16.64
		2	20	256QAM	1	0	18801	1870.1	2	20	256QAM	1	99	18999	1889.9	13.91	15.21
					1	99						100	0			17.77	19.07
					100	0						1	0			15.52	16.82
		2	20	256QAM	1	0	18902	1880.2	2	20	256QAM	1	99	19100	1900	13.87	15.17
					1	99						1	0			17.59	18.89
					100	0						100	0			15.62	16.92
	CA_2C	2	20	256QAM	1	0	18700	1860	2	15	256QAM	1	74	18871	1877.1	13.86	15.16
					1	99						1	0			17.78	19.08
					100	0						75	0			15.22	16.52
		2	20	256QAM	1	0	18826	1872.6	2	15	256QAM	1	74	18997	1889.7	13.81	15.11
					1	99						1	0			17.70	19.00
					100	0						75	0			15.42	16.72
		2	20	256QAM	1	0	1895.1	1885.1	2	15	256QAM	1	74	19122	1902.2	13.74	15.04
					1	99						1	0			17.48	18.78
					100	0						75	0			15.54	16.84
	CA_2C	2	15	256QAM	1	0	18678	1857.6	2	20	256QAM	1	99	18849	1874.9	13.90	15.20
					1	74						1	0			17.74	19.04
					75	0						100	0			15.21	16.51
		2	15	256QAM	1	0	18803	1870.3	2	20	256QAM	1	99	18974	1887.4	13.85	15.15
					1	74						1	0			17.66	18.96
					75	0						100	0			15.40	16.70
		2	15	256QAM	1	0	18929	1882.9	2	20	256QAM	1	99	19100	1900	13.79	15.09
					1	74						1	0			17.46	18.76
					75	0						100	0			15.53	16.83
	CA_2C	2	20	256QAM	1	0	18700	1860	2	10	256QAM	1	49	18844	1874.4	13.92	15.22
					1	99						1	0			17.73	19.03
					100	0						50	0			15.26	16.56
		2	20	256QAM	1	0	18851	1875.1	2	10	256QAM	1	49	18995	1889.5	13.79	15.09
					1	99						1	0			17.67	18.97
					100	0						50	0			15.39	16.69
		2	20	256QAM	1	0	19001	1890.1	2	10	256QAM	1	49	19145	1904.5	13.76	15.06
					1	99						1	0			17.53	18.83
					100	0						50	0			15.48	16.78
	CA_2C	2	10	256QAM	1	0	18655	1855.5	2	20	256QAM	1	99	18799	1869.9	13.91	15.21
					1	49						1	0			17.78	19.08
					50	0						100	0			15.23	16.53
		2	10	256QAM	1	0	18806	1870.6	2	20	256QAM	1	99	18950	1885	13.79	15.09
					1	49						1	0			17.66	18.96
					50	0						100	0			15.39	16.69
		2	10	256QAM	1	0	18956	1885.6	2	20	256QAM	1	99	19100	1900	13.75	15.05
					1	49						1	0			17.48	18.78
					50	0						100	0			15.52	16.82

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_2C	2	20	256QAM	1	0	18700	1860	2	5	256QAM	1	24	18817	1871.7	13.88	15.18
					1	99						1	0			17.75	19.05
					100	0						25	0			15.24	16.54
		2	20	256QAM	1	0	18875	1877.5	2	5	256QAM	1	24	18992	1889.2	13.85	15.15
					1	99						1	0			17.61	18.91
					100	0						25	0			15.43	16.73
		2	20	256QAM	1	0	19050	1895	2	5	256QAM	1	24	19167	1906.7	13.77	15.07
					1	99						1	0			17.48	18.78
					100	0						25	0			15.51	16.81
	CA_2C	2	5	256QAM	1	0	18633	1853.3	2	20	256QAM	1	99	18750	1865	13.92	15.22
					1	24						1	0			17.71	19.01
					25	0						100	0			15.24	16.54
		2	5	256QAM	1	0	18802	187.08	2	20	256QAM	1	99	18925	1882.5	13.81	15.11
					1	24						1	0			17.63	18.93
					25	0						100	0			15.45	16.75
		2	5	256QAM	1	0	18983	1888.3	2	20	256QAM	1	99	19100	1900	13.77	15.07
					1	24						1	0			17.50	18.80
					25	0						100	0			15.50	16.80
	CA_2C	2	15	256QAM	1	0	18675	1857.5	2	10	256QAM	1	49	18795	1869.5	13.87	15.17
					1	74						1	0			17.74	19.04
					75	0						50	0			15.20	16.50
		2	15	256QAM	1	0	18851	1875.1	2	10	256QAM	1	49	18971	1887.1	13.76	15.06
					1	74						1	0			17.61	18.91
					75	0						50	0			15.41	16.71
		2	15	256QAM	1	0	19027	1892.7	2	10	256QAM	1	49	19147	1904.7	13.73	15.03
					1	74						1	0			17.49	18.79
					75	0						50	0			15.53	16.83
	CA_2C	2	10	256QAM	1	0	18653	1855.3	2	15	256QAM	1	74	18773	1867.3	13.89	15.19
					1	49						1	0			17.72	19.02
					50	0						75	0			15.25	16.55
		2	10	256QAM	1	0	18829	1872.9	2	15	256QAM	1	74	18949	1884.9	13.80	15.10
					1	49						1	0			17.68	18.98
					50	0						75	0			15.44	16.74
		2	10	256QAM	1	0	19005	1890.5	2	15	256QAM	1	74	19100	1900	13.78	15.08
					1	49						1	0			17.48	18.78
					50	0						75	0			15.50	16.80
	CA_2C	2	15	256QAM	1	0	18675	1857.5	2	15	256QAM	1	74	18825	1872.5	13.92	15.22
					1	74						1	0			17.74	19.04
					75	0						75	0			15.27	16.57
		2	15	256QAM	1	0	18825	1872.5	2	15	256QAM	1	74	18975	1887.5	13.79	15.09
					1	74						1	0			17.64	18.94
					75	0						75	0			15.42	16.72
		2	15	256QAM	1	0	18975	1887.5	2	15	256QAM	1	74	19125	1902.5	13.81	15.11
					1	74						1	0			17.50	18.80
					75	0						75	0			15.50	16.80

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

7.1.2 LTE Band 5B

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	ERP
Intra Band Contiguous	CA_5B	5	10	QPSK	1	0	20450	829	5	10	QPSK	1	49	20549	838.9	19.24	17.59
					1	49						1	0			19.11	17.46
					50	0						50	0			20.33	18.68
		5	10	QPSK	1	0	20476	831.6	5	10	QPSK	1	49	20575	841.5	19.14	17.49
					1	49						50	0			22.94	21.29
					50	0						1	0			20.47	18.82
		5	10	QPSK	1	0	20501	834.1	5	10	QPSK	1	49	20600	844	19.08	17.43
					1	49						1	0			22.90	21.25
					50	0						50	0			20.55	18.90
	CA_5B	5	10	QPSK	1	0	20450	829	5	5	QPSK	1	24	20522	836.2	18.45	16.80
					1	49						1	0			18.63	16.98
					50	0						25	0			19.92	18.27
		5	10	QPSK	1	0	20500	834	5	5	QPSK	1	24	20572	841.2	18.71	17.06
					1	49						1	0			22.64	20.99
					50	0						25	0			19.83	18.18
		5	10	QPSK	1	0	20550	839	5	5	QPSK	1	24	20622	846.2	18.38	16.73
					1	49						1	0			22.46	20.81
					50	0						25	0			20.33	18.68
	CA_5B	5	5	QPSK	1	0	20428	826.8	5	10	QPSK	1	49	20500	834	18.72	17.07
					1	24						1	0			18.92	17.27
					25	0						50	0			20.13	18.48
		5	5	QPSK	1	0	20478	831.8	5	10	QPSK	1	49	20550	839	18.48	16.83
					1	24						1	0			22.61	20.96
					25	0						50	0			19.99	18.34
		5	5	QPSK	1	0	20528	836.8	5	10	QPSK	1	49	20600	844	18.52	16.87
					1	24						1	0			22.33	20.68
					25	0						50	0			19.71	18.06
	CA_5B	5	5	QPSK	1	0	20425	826.5	5	3	QPSK	1	14	20464	830.4	18.84	17.19
					1	24						1	0			18.69	17.04
					25	0						15	0			20.06	18.41
		5	5	QPSK	1	0	20510	835	5	3	QPSK	1	14	20549	838.9	18.48	16.83
					1	24						1	0			22.65	21.00
					25	0						15	0			19.87	18.22
		5	5	QPSK	1	0	20595	843.5	5	3	QPSK	1	14	20634	847.4	18.44	16.79
					1	24						1	0			22.31	20.66
					25	0						15	0			20.11	18.46
	CA_5B	5	3	QPSK	1	0	20416	825.6	5	5	QPSK	1	24	20455	829.5	18.54	16.89
					1	14						1	0			18.55	16.90
					15	0						25	0			19.65	18.00
		5	3	QPSK	1	0	20501	834.1	5	5	QPSK	1	24	20540	838	18.65	17.00
					1	14						1	0			22.32	20.67
					15	0						25	0			19.79	18.14
		5	3	QPSK	1	0	20586	842.6	5	5	QPSK	1	24	20625	846.5	18.76	17.11
					1	14						1	0			22.33	20.68
					15	0						25	0			19.75	18.10

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	ERP
Intra Band Contiguous	CA_5B	5	10	16QAM	1	0	20450	829	5	10	16QAM	1	49	20549	838.9	18.52	16.87
					1	49						1	0			22.36	20.71
					50	0						50	0			20.46	18.81
		5	10	16QAM	1	0	20476	831.6	5	10	16QAM	1	49	20575	841.5	18.42	16.77
					1	49						50	0			22.30	20.65
					50	0						1	0			20.64	18.99
		5	10	16QAM	1	0	20501	834.1	5	10	16QAM	1	49	20600	844	18.38	16.73
					1	49						1	0			22.16	20.51
					50	0						50	0			20.32	18.67
	CA_5B	5	10	16QAM	1	0	20450	829	5	5	16QAM	1	24	20522	836.2	17.96	16.31
					1	49						1	0			22.13	20.48
					50	0						25	0			19.92	18.27
		5	10	16QAM	1	0	20500	834	5	5	16QAM	1	24	20572	841.2	17.99	16.34
					1	49						1	0			21.83	20.18
					50	0						25	0			20.05	18.40
		5	10	16QAM	1	0	20550	839	5	5	16QAM	1	24	20622	846.2	17.97	16.32
					1	49						1	0			21.59	19.94
					50	0						25	0			20.04	18.39
	CA_5B	5	5	16QAM	1	0	20428	826.8	5	10	16QAM	1	49	20500	834	18.04	16.39
					1	24						1	0			21.91	20.26
					25	0						50	0			19.85	18.20
		5	5	16QAM	1	0	20478	831.8	5	10	16QAM	1	49	20550	839	17.72	16.07
					1	24						1	0			21.58	19.93
					25	0						50	0			19.85	18.20
		5	5	16QAM	1	0	20528	836.8	5	10	16QAM	1	49	20600	844	17.69	16.04
					1	24						1	0			22.00	20.35
					25	0						50	0			19.85	18.20
	CA_5B	5	5	16QAM	1	0	20425	826.5	5	3	16QAM	1	14	20464	830.4	18.21	16.56
					1	24						1	0			21.63	19.98
					25	0						15	0			20.19	18.54
		5	5	16QAM	1	0	20510	835	5	3	16QAM	1	14	20549	838.9	17.87	16.22
					1	24						1	0			22.07	20.42
					25	0						15	0			19.82	18.17
		5	5	16QAM	1	0	20595	843.5	5	3	16QAM	1	14	20634	847.4	18.21	16.56
					1	24						1	0			21.85	20.20
					25	0						15	0			19.73	18.08
	CA_5B	5	3	16QAM	1	0	20416	825.6	5	5	16QAM	1	24	20455	829.5	18.33	16.68
					1	14						1	0			22.01	20.36
					15	0						25	0			20.08	18.43
		5	3	16QAM	1	0	20501	834.1	5	5	16QAM	1	24	20540	838	17.95	16.30
					1	14						1	0			21.85	20.20
					15	0						25	0			20.26	18.61
		5	3	16QAM	1	0	20586	842.6	5	5	16QAM	1	24	20625	846.5	17.74	16.09
					1	14						1	0			21.56	19.91
					15	0						25	0			19.70	18.05

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	ERP
Intra Band Contiguous	CA_5B	5	10	64QAM	1	0	20450	829	5	10	64QAM	1	49	20549	838.9	17.67	16.02
					1	49						1	0			21.37	19.72
					50	0						50	0			19.83	18.18
		5	10	64QAM	1	0	20476	831.6	5	10	64QAM	1	49	20575	841.5	17.59	15.94
					1	49						50	0			21.28	19.63
					50	0						1	0			19.72	18.07
		5	10	64QAM	1	0	20501	834.1	5	10	64QAM	1	49	20600	844	17.61	15.96
					1	49						1	0			21.33	19.68
					50	0						50	0			19.67	18.02
	CA_5B	5	10	64QAM	1	0	20450	829	5	5	64QAM	1	24	20522	836.2	17.96	16.31
					1	49						1	0			21.80	20.15
					50	0						25	0			19.71	18.06
		5	10	64QAM	1	0	20500	834	5	5	64QAM	1	24	20572	841.2	17.62	15.97
					1	49						1	0			21.81	20.16
					50	0						25	0			20.38	18.73
		5	10	64QAM	1	0	20550	839	5	5	64QAM	1	24	20622	846.2	18.07	16.42
					1	49						1	0			21.83	20.18
					50	0						25	0			19.97	18.32
	CA_5B	5	5	64QAM	1	0	20428	826.8	5	10	64QAM	1	49	20500	834	17.22	15.57
					1	24						1	0			21.04	19.39
					25	0						50	0			19.30	17.65
		5	5	64QAM	1	0	20478	831.8	5	10	64QAM	1	49	20550	839	16.89	15.24
					1	24						1	0			20.75	19.10
					25	0						50	0			19.07	17.42
		5	5	64QAM	1	0	20528	836.8	5	10	64QAM	1	49	20600	844	17.30	15.65
					1	24						1	0			20.84	19.19
					25	0						50	0			19.15	17.50
	CA_5B	5	5	64QAM	1	0	20425	826.5	5	3	64QAM	1	14	20464	830.4	17.17	15.52
					1	24						1	0			20.97	19.32
					25	0						15	0			19.30	17.65
		5	5	64QAM	1	0	20510	835	5	3	64QAM	1	14	20549	838.9	16.80	15.15
					1	24						1	0			20.87	19.22
					25	0						15	0			19.18	17.53
		5	5	64QAM	1	0	20595	843.5	5	3	64QAM	1	14	20634	847.4	16.87	15.22
					1	24						1	0			20.88	19.23
					25	0						15	0			19.30	17.65
	CA_5B	5	3	64QAM	1	0	20416	825.6	5	5	64QAM	1	24	20455	829.5	17.23	15.58
					1	14						1	0			20.99	19.34
					15	0						25	0			19.35	17.70
		5	3	64QAM	1	0	20501	834.1	5	5	64QAM	1	24	20540	838	16.78	15.13
					1	14						1	0			20.69	19.04
					15	0						25	0			18.96	17.31
		5	3	64QAM	1	0	20586	842.6	5	5	64QAM	1	24	20625	846.5	17.12	15.47
					1	14						1	0			20.70	19.05
					15	0						25	0			19.14	17.49

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	ERP
Intra Band Contiguous	CA_5B	5	10	256QAM	1	0	20450	829	5	10	256QAM	1	49	20549	838.9	14.39	12.74
					1	49						1	0			18.22	16.57
					50	0						50	0			17.32	15.67
		5	10	256QAM	1	0	20476	831.6	5	10	256QAM	1	49	20575	841.5	14.22	12.57
					1	49						50	0			18.07	16.42
					50	0						1	0			17.16	15.51
		5	10	256QAM	1	0	20501	834.1	5	10	256QAM	1	49	20600	844	14.14	12.49
					1	49						1	0			18.05	16.40
					50	0						50	0			16.94	15.29
	CA_5B	5	10	256QAM	1	0	20450	829	5	5	256QAM	1	24	20522	836.2	14.07	12.42
					1	49						1	0			17.72	16.07
					50	0						25	0			17.03	15.38
		5	10	256QAM	1	0	20500	834	5	5	256QAM	1	24	20572	841.2	13.63	11.98
					1	49						1	0			17.39	15.74
					50	0						25	0			16.80	15.15
		5	10	256QAM	1	0	20550	839	5	5	256QAM	1	24	20622	846.2	13.49	11.84
					1	49						1	0			17.82	16.17
					50	0						25	0			16.51	14.86
	CA_5B	5	5	256QAM	1	0	20428	826.8	5	10	256QAM	1	49	20500	834	13.87	12.22
					1	24						1	0			17.78	16.13
					25	0						50	0			16.96	15.31
		5	5	256QAM	1	0	20478	831.8	5	10	256QAM	1	49	20550	839	13.71	12.06
					1	24						1	0			17.34	15.69
					25	0						50	0			16.58	14.93
		5	5	256QAM	1	0	20528	836.8	5	10	256QAM	1	49	20600	844	13.39	11.74
					1	24						1	0			17.60	15.95
					25	0						50	0			16.41	14.76
	CA_5B	5	5	256QAM	1	0	20425	826.5	5	3	256QAM	1	14	20464	830.4	13.88	12.23
					1	24						1	0			17.58	15.93
					25	0						15	0			16.81	15.16
		5	5	256QAM	1	0	20510	835	5	3	256QAM	1	14	20549	838.9	13.49	11.84
					1	24						1	0			17.57	15.92
					25	0						15	0			16.88	15.23
		5	5	256QAM	1	0	20595	843.5	5	3	256QAM	1	14	20634	847.4	13.52	11.87
					1	24						1	0			17.22	15.57
					25	0						15	0			16.53	14.88
	CA_5B	5	3	256QAM	1	0	20416	825.6	5	5	256QAM	1	24	20455	829.5	14.17	12.52
					1	14						1	0			17.73	16.08
					15	0						25	0			16.90	15.25
		5	3	256QAM	1	0	20501	834.1	5	5	256QAM	1	24	20540	838	14.07	12.42
					1	14						1	0			17.75	16.10
					15	0						25	0			16.44	14.79
		5	3	256QAM	1	0	20586	842.6	5	5	256QAM	1	24	20625	846.5	13.61	11.96
					1	14						1	0			17.47	15.82
					15	0						25	0			16.23	14.58

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

7.1.3 LTE Band 7C

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_7C	7	20	QPSK	1	0	20850	2510	7	20	QPSK	1	99	21048	2529.8	18.53	19.90
					1	99						1	0			22.43	23.80
					100	0						100	0			20.36	21.73
		7	20	QPSK	1	0	21001	2525.1	7	20	QPSK	1	99	21199	2544.9	18.57	19.94
					1	99						100	0			22.46	23.83
					100	0						1	0			20.39	21.76
		7	20	QPSK	1	0	21152	2540.2	7	20	QPSK	1	99	21350	2560	18.34	19.71
					1	99						1	0			22.39	23.76
					100	0						100	0			20.26	21.63
	CA_7C	7	20	QPSK	1	0	20850	2510	7	15	QPSK	1	74	21021	2527.1	18.50	19.87
					1	99						1	0			22.34	23.71
					100	0						75	0			20.25	21.62
		7	20	QPSK	1	0	21026	2527.6	7	15	QPSK	1	74	21197	2544.7	18.46	19.83
					1	99						1	0			22.39	23.76
					100	0						75	0			20.34	21.71
		7	20	QPSK	1	0	21201	2545.1	7	15	QPSK	1	74	21372	2562.2	18.25	19.62
					1	99						1	0			22.26	23.63
					100	0						75	0			20.16	21.53
	CA_7C	7	15	QPSK	1	0	20828	2507.8	7	20	QPSK	1	99	20999	2524.9	18.46	19.83
					1	74						1	0			22.31	23.68
					75	0						100	0			20.34	21.71
		7	15	QPSK	1	0	21003	2525.3	7	20	QPSK	1	99	21174	2542.4	18.49	19.86
					1	74						1	0			22.40	23.77
					75	0						100	0			20.26	21.63
		7	15	QPSK	1	0	21179	2542.9	7	20	QPSK	1	99	21350	2560	18.25	19.62
					1	74						1	0			22.34	23.71
					75	0						100	0			20.21	21.58
	CA_7C	7	20	QPSK	1	0	20850	2510	7	10	QPSK	1	49	20994	2524.4	18.46	19.83
					1	99						1	0			22.34	23.71
					100	0						50	0			20.29	21.66
		7	20	QPSK	1	0	21051	2530.1	7	10	QPSK	1	49	21195	2544.5	18.50	19.87
					1	99						1	0			22.40	23.77
					100	0						50	0			20.32	21.69
		7	20	QPSK	1	0	21251	2550.1	7	10	QPSK	1	49	21395	2564.5	18.31	19.68
					1	99						1	0			22.31	23.68
					100	0						50	0			20.10	21.47

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_7C	7	10	QPSK	1	0	20805	2505.5	7	20	QPSK	1	99	20949	2519.9	18.48	19.85
					1	49						1	0			22.33	23.70
					50	0						100	0			20.27	21.64
		7	10	QPSK	1	0	21006	2525.6	7	20	QPSK	1	99	21150	2540	18.45	19.82
					1	49						1	0			22.38	23.75
					50	0						100	0			20.31	21.68
		7	10	QPSK	1	0	21206	2545.6	7	20	QPSK	1	99	21350	2560	18.25	19.62
					1	49						1	0			22.29	23.66
					50	0						100	0			20.15	21.52
	CA_7C	7	15	QPSK	1	0	20825	2507.5	7	15	QPSK	1	74	20975	2522.5	18.44	19.81
					1	74						1	0			22.30	23.67
					75	0						75	0			20.26	21.63
		7	15	QPSK	1	0	21025	2527.5	7	15	QPSK	1	74	21175	2542.5	18.50	19.87
					1	74						1	0			22.37	23.74
					75	0						75	0			20.41	21.78
		7	15	QPSK	1	0	21225	2547.5	7	15	QPSK	1	74	21375	2562.5	18.21	19.58
					1	74						1	0			22.36	23.73
					75	0						75	0			20.25	21.62
	CA_7C	7	15	QPSK	1	0	20825	2507.5	7	10	QPSK	1	49	20945	2519.5	18.44	19.81
					1	74						1	0			22.35	23.72
					75	0						50	0			20.27	21.64
		7	15	QPSK	1	0	21051	2530.1	7	10	QPSK	1	49	21171	2542.1	18.51	19.88
					1	74						1	0			22.36	23.73
					75	0						50	0			20.30	21.67
		7	15	QPSK	1	0	21277	2552.7	7	10	QPSK	1	49	21397	2564.7	18.27	19.64
					1	74						1	0			22.29	23.66
					75	0						50	0			20.23	21.60

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_7C	7	20	16QAM	1	0	20850	2510	7	20	16QAM	1	99	21048	2529.8	18.06	19.43
					1	99						1	0			21.81	23.18
					100	0						100	0			19.80	21.17
		7	20	16QAM	1	0	21001	2525.1	7	20	16QAM	1	99	21199	2544.9	17.98	19.35
					1	99						100	0			21.74	23.11
					100	0						1	0			19.75	21.12
		7	20	16QAM	1	0	21152	2540.2	7	20	16QAM	1	99	21350	2560	17.97	19.34
					1	99						1	0			21.58	22.95
					100	0						100	0			19.69	21.06
	CA_7C	7	20	16QAM	1	0	20850	2510	7	15	16QAM	1	74	21021	2527.1	17.96	19.33
					1	99						1	0			21.76	23.13
					100	0						75	0			19.76	21.13
		7	20	16QAM	1	0	21026	2527.6	7	15	16QAM	1	74	21197	2544.7	17.90	19.27
					1	99						1	0			21.64	23.01
					100	0						75	0			19.64	21.01
		7	20	16QAM	1	0	21201	2545.1	7	15	16QAM	1	74	21372	2562.2	17.93	19.30
					1	99						1	0			21.51	22.88
					100	0						75	0			19.59	20.96
	CA_7C	7	15	16QAM	1	0	20828	2507.8	7	20	16QAM	1	99	20999	2524.9	17.93	19.30
					1	74						1	0			21.73	23.10
					75	0						100	0			19.75	21.12
		7	15	16QAM	1	0	21003	2525.3	7	20	16QAM	1	99	21174	2542.4	17.86	19.23
					1	74						1	0			21.66	23.03
					75	0						100	0			19.68	21.05
		7	15	16QAM	1	0	21179	2542.9	7	20	16QAM	1	99	21350	2560	17.85	19.22
					1	74						1	0			21.47	22.84
					75	0						100	0			19.58	20.95
	CA_7C	7	20	16QAM	1	0	20850	2510	7	10	16QAM	1	49	20994	2524.4	17.93	19.30
					1	99						1	0			21.76	23.13
					100	0						50	0			19.80	21.17
		7	20	16QAM	1	0	21051	2530.1	7	10	16QAM	1	49	21195	2544.5	17.87	19.24
					1	99						1	0			21.64	23.01
					100	0						50	0			19.63	21.00
		7	20	16QAM	1	0	21251	2550.1	7	10	16QAM	1	49	21395	2564.5	17.87	19.24
					1	99						1	0			21.49	22.86
					100	0						50	0			19.54	20.91

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_7C	7	10	16QAM	1	0	20805	2505.5	7	20	16QAM	1	99	20949	2519.9	17.96	19.33
					1	49						1	0			21.67	23.04
					50	0						100	0			19.80	21.17
		7	10	16QAM	1	0	21006	2525.6	7	20	16QAM	1	99	21150	2540	17.89	19.26
					1	49						1	0			21.63	23.00
					50	0						100	0			19.69	21.06
		7	10	16QAM	1	0	21206	2545.6	7	20	16QAM	1	99	21350	2560	17.88	19.25
					1	49						1	0			21.49	22.86
					50	0						100	0			19.63	21.00
	CA_7C	7	15	16QAM	1	0	20825	2507.5	7	15	16QAM	1	74	20975	2522.5	17.96	19.33
					1	74						1	0			21.67	23.04
					75	0						75	0			19.77	21.14
		7	15	16QAM	1	0	21025	2527.5	7	15	16QAM	1	74	21175	2542.5	17.95	19.32
					1	74						1	0			21.63	23.00
					75	0						75	0			19.71	21.08
		7	15	16QAM	1	0	21225	2547.5	7	15	16QAM	1	74	21375	2562.5	17.89	19.26
					1	74						1	0			21.48	22.85
					75	0						75	0			19.63	21.00
	CA_7C	7	15	16QAM	1	0	20825	2507.5	7	10	16QAM	1	49	20945	2519.5	17.98	19.35
					1	74						1	0			21.73	23.10
					75	0						50	0			19.73	21.10
		7	15	16QAM	1	0	21051	2530.1	7	10	16QAM	1	49	21171	2542.1	17.89	19.26
					1	74						1	0			21.70	23.07
					75	0						50	0			19.67	21.04
		7	15	16QAM	1	0	21277	2552.7	7	10	16QAM	1	49	21397	2564.7	17.89	19.26
					1	74						1	0			21.50	22.87
					75	0						50	0			19.61	20.98

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_7C	7	20	64QAM	1	0	20850	2510	7	20	64QAM	1	99	21048	2529.8	16.71	18.08
					1	99						1	0			20.61	21.98
					100	0						100	0			18.55	19.92
		7	20	64QAM	1	0	21001	2525.1	7	20	64QAM	1	99	21199	2544.9	16.74	18.11
					1	99						100	0			20.61	21.98
					100	0						1	0			18.61	19.98
		7	20	64QAM	1	0	21152	2540.2	7	20	64QAM	1	99	21350	2560	16.66	18.03
					1	99						1	0			20.56	21.93
					100	0						100	0			18.50	19.87
	CA_7C	7	20	64QAM	1	0	20850	2510	7	15	64QAM	1	74	21021	2527.1	16.61	17.98
					1	99						1	0			20.50	21.87
					100	0						75	0			18.42	19.79
		7	20	64QAM	1	0	21026	2527.6	7	15	64QAM	1	74	21197	2544.7	16.62	17.99
					1	99						1	0			20.49	21.86
					100	0						75	0			18.51	19.88
		7	20	64QAM	1	0	21201	2545.1	7	15	64QAM	1	74	21372	2562.2	16.60	17.97
					1	99						1	0			20.45	21.82
					100	0						75	0			18.38	19.75
	CA_7C	7	15	64QAM	1	0	20828	2507.8	7	20	64QAM	1	99	20999	2524.9	16.62	17.99
					1	74						1	0			20.52	21.89
					75	0						100	0			18.48	19.85
		7	15	64QAM	1	0	21003	2525.3	7	20	64QAM	1	99	21174	2542.4	16.63	18.00
					1	74						1	0			20.51	21.88
					75	0						100	0			18.56	19.93
		7	15	64QAM	1	0	21179	2542.9	7	20	64QAM	1	99	21350	2560	16.58	17.95
					1	74						1	0			20.49	21.86
					75	0						100	0			18.38	19.75
	CA_7C	7	20	64QAM	1	0	20850	2510	7	10	64QAM	1	49	20994	2524.4	16.62	17.99
					1	99						1	0			20.55	21.92
					100	0						50	0			18.50	19.87
		7	20	64QAM	1	0	21051	2530.1	7	10	64QAM	1	49	21195	2544.5	16.66	18.03
					1	99						1	0			20.54	21.91
					100	0						50	0			18.52	19.89
		7	20	64QAM	1	0	21251	2550.1	7	10	64QAM	1	49	21395	2564.5	16.59	17.96
					1	99						1	0			20.45	21.82
					100	0						50	0			18.44	19.81

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_7C	7	10	64QAM	1	0	20805	2505.5	7	20	64QAM	1	99	20949	2519.9	16.67	18.04
					1	49						1	0			20.48	21.85
					50	0						100	0			18.49	19.86
		7	10	64QAM	1	0	21006	2525.6	7	20	64QAM	1	99	21150	2540	16.66	18.03
					1	49						1	0			20.53	21.90
					50	0						100	0			18.54	19.91
		7	10	64QAM	1	0	21206	2545.6	7	20	64QAM	1	99	21350	2560	16.55	17.92
					1	49						1	0			20.47	21.84
					50	0						100	0			18.44	19.81
	CA_7C	7	15	64QAM	1	0	20825	2507.5	7	15	64QAM	1	74	20975	2522.5	16.63	18.00
					1	74						1	0			20.54	21.91
					75	0						75	0			18.43	19.80
		7	15	64QAM	1	0	21025	2527.5	7	15	64QAM	1	74	21175	2542.5	16.66	18.03
					1	74						1	0			20.51	21.88
					75	0						75	0			18.47	19.84
		7	15	64QAM	1	0	21225	2547.5	7	15	64QAM	1	74	21375	2562.5	16.60	17.97
					1	74						1	0			20.48	21.85
					75	0						75	0			18.48	19.85
	CA_7C	7	15	64QAM	1	0	20825	2507.5	7	10	64QAM	1	49	20945	2519.5	16.66	18.03
					1	74						1	0			20.50	21.87
					75	0						50	0			18.46	19.83
		7	15	64QAM	1	0	21051	2530.1	7	10	64QAM	1	49	21171	2542.1	16.68	18.05
					1	74						1	0			20.51	21.88
					75	0						50	0			18.46	19.83
		7	15	64QAM	1	0	21277	2552.7	7	10	64QAM	1	49	21397	2564.7	16.62	17.99
					1	74						1	0			20.49	21.86
					75	0						50	0			18.43	19.80

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_7C	7	20	256QAM	1	0	20850	2510	7	20	256QAM	1	99	21048	2529.8	14.23	15.60
					1	99						1	0			17.93	19.30
					100	0						100	0			16.00	17.37
		7	20	256QAM	1	0	21001	2525.1	7	20	256QAM	1	99	21199	2544.9	14.18	15.55
					1	99						100	0			17.93	19.30
					100	0						1	0			15.95	17.32
		7	20	256QAM	1	0	21152	2540.2	7	20	256QAM	1	99	21350	2560	14.11	15.48
					1	99						1	0			17.95	19.32
					100	0						100	0			15.91	17.28
	CA_7C	7	20	256QAM	1	0	20850	2510	7	15	256QAM	1	74	21021	2527.1	14.11	15.48
					1	99						1	0			17.86	19.23
					100	0						75	0			15.88	17.25
		7	20	256QAM	1	0	21026	2527.6	7	15	256QAM	1	74	21197	2544.7	14.15	15.52
					1	99						1	0			17.82	19.19
					100	0						75	0			15.92	17.29
		7	20	256QAM	1	0	21201	2545.1	7	15	256QAM	1	74	21372	2562.2	14.02	15.39
					1	99						1	0			17.86	19.23
					100	0						75	0			15.84	17.21
	CA_7C	7	15	256QAM	1	0	20828	2507.8	7	20	256QAM	1	99	20999	2524.9	14.11	15.48
					1	74						1	0			17.83	19.20
					75	0						100	0			15.87	17.24
		7	15	256QAM	1	0	21003	2525.3	7	20	256QAM	1	99	21174	2542.4	14.14	15.51
					1	74						1	0			17.87	19.24
					75	0						100	0			15.90	17.27
		7	15	256QAM	1	0	21179	2542.9	7	20	256QAM	1	99	21350	2560	14.00	15.37
					1	74						1	0			17.84	19.21
					75	0						100	0			15.87	17.24
	CA_7C	7	20	256QAM	1	0	20850	2510	7	10	256QAM	1	49	20994	2524.4	14.13	15.50
					1	99						1	0			17.87	19.24
					100	0						50	0			15.91	17.28
		7	20	256QAM	1	0	21051	2530.1	7	10	256QAM	1	49	21195	2544.5	14.14	15.51
					1	99						1	0			17.85	19.22
					100	0						50	0			15.85	17.22
		7	20	256QAM	1	0	21251	2550.1	7	10	256QAM	1	49	21395	2564.5	13.99	15.36
					1	99						1	0			17.86	19.23
					100	0						50	0			15.85	17.22

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_7C	7	10	256QAM	1	0	20805	2505.5	7	20	256QAM	1	99	20949	2519.9	14.13	15.50
					1	49						1	0			17.82	19.19
					50	0						100	0			15.95	17.32
		7	10	256QAM	1	0	21006	2525.6	7	20	256QAM	1	99	21150	2540	14.14	15.51
					1	49						1	0			17.81	19.18
					50	0						100	0			15.94	17.31
		7	10	256QAM	1	0	21206	2545.6	7	20	256QAM	1	99	21350	2560	14.03	15.40
					1	49						1	0			17.86	19.23
					50	0						100	0			15.91	17.28
	CA_7C	7	15	256QAM	1	0	20825	2507.5	7	15	256QAM	1	74	20975	2522.5	14.14	15.51
					1	74						1	0			17.84	19.21
					75	0						75	0			15.89	17.26
		7	15	256QAM	1	0	21025	2527.5	7	15	256QAM	1	74	21175	2542.5	14.07	15.44
					1	74						1	0			17.82	19.19
					75	0						75	0			15.86	17.23
		7	15	256QAM	1	0	21225	2547.5	7	15	256QAM	1	74	21375	2562.5	14.05	15.42
					1	74						1	0			17.90	19.27
					75	0						75	0			15.80	17.17
	CA_7C	7	15	256QAM	1	0	20825	2507.5	7	10	256QAM	1	49	20945	2519.5	14.11	15.48
					1	74						1	0			17.84	19.21
					75	0						50	0			15.82	17.19
		7	15	256QAM	1	0	21051	2530.1	7	10	256QAM	1	49	21171	2542.1	14.14	15.51
					1	74						1	0			17.89	19.26
					75	0						50	0			15.88	17.25
		7	15	256QAM	1	0	21277	2552.7	7	10	256QAM	1	49	21397	2564.7	14.08	15.45
					1	74						1	0			17.88	19.25
					75	0						50	0			15.87	17.24

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

7.1.4 LTE Band 38C

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_38C	38	20	QPSK	1	0	37850	2580	38	20	QPSK	1	99	38048	2599.8	19.52	20.11
					1	99						1	0			23.59	24.18
					1	99						1	0			21.45	22.04
		38	20	QPSK	1	0	37901	2585.1	38	20	QPSK	1	99	38099	2604.9	19.60	20.19
					1	99						1	0			23.57	24.16
					1	99						1	0			21.46	22.05
		38	20	QPSK	1	0	37952	2590.2	38	20	QPSK	1	99	38150	2610	19.52	20.11
					1	99						1	0			23.52	24.11
					1	99						1	0			21.40	21.99
	CA_38C	38	15	QPSK	1	0	37825	2577.5	38	15	QPSK	1	99	37975	2592.5	19.39	19.98
					1	99						1	0			23.46	24.05
					1	99						1	0			21.37	21.96
		38	15	QPSK	1	0	37925	2587.5	38	15	QPSK	1	99	38075	2602.5	19.49	20.08
					1	99						1	0			23.42	24.01
					1	99						1	0			21.29	21.88
		38	15	QPSK	1	0	38025	2597.5	38	15	QPSK	1	99	38175	2612.5	19.39	19.98
					1	99						1	0			23.45	24.04
					1	99						1	0			21.31	21.90
	CA_38C	38	20	16QAM	1	0	37850	2580	38	20	16QAM	1	99	38048	2599.8	18.83	19.42
					1	99						1	0			22.79	23.38
					1	99						1	0			20.69	21.28
		38	20	16QAM	1	0	37901	2585.1	38	20	16QAM	1	99	38099	2604.9	18.80	19.39
					1	99						1	0			22.83	23.42
					1	99						1	0			20.74	21.33
		38	20	16QAM	1	0	37952	2590.2	38	20	16QAM	1	99	38150	2610	18.77	19.36
					1	99						1	0			22.83	23.42
					1	99						1	0			20.66	21.25
	CA_38C	38	15	16QAM	1	0	37825	2577.5	38	15	16QAM	1	99	37975	2592.5	18.68	19.27
					1	99						1	0			22.70	23.29
					1	99						1	0			20.61	21.20
		38	15	16QAM	1	0	37925	2587.5	38	15	16QAM	1	99	38075	2602.5	18.68	19.27
					1	99						1	0			22.68	23.27
					1	99						1	0			20.65	21.24
		38	15	16QAM	1	0	38025	2597.5	38	15	16QAM	1	99	38175	2612.5	18.67	19.26
					1	99						1	0			22.71	23.30
					1	99						1	0			20.61	21.20

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_38C	38	20	64QAM	1	0	37850	2580	38	20	64QAM	1	99	38048	2599.8	17.89	18.48
					1	99						1	0			21.78	22.37
					1	99						1	0			19.74	20.33
		38	20	64QAM	1	0	37901	2585.1	38	20	64QAM	1	99	38099	2604.9	17.83	18.42
					1	99						1	0			21.86	22.45
					1	99						1	0			19.72	20.31
		38	20	64QAM	1	0	37952	2590.2	38	20	64QAM	1	99	38150	2610	17.81	18.40
					1	99						1	0			21.88	22.47
					1	99						1	0			19.73	20.32
	CA_38C	38	15	64QAM	1	0	37825	2577.5	38	15	64QAM	1	99	37975	2592.5	17.81	18.40
					1	99						1	0			21.68	22.27
					1	99						1	0			19.65	20.24
		38	15	64QAM	1	0	37925	2587.5	38	15	64QAM	1	99	38075	2602.5	17.78	18.37
					1	99						1	0			21.71	22.30
					1	99						1	0			19.64	20.23
		38	15	64QAM	1	0	38025	2597.5	38	15	64QAM	1	99	38175	2612.5	17.70	18.29
					1	99						1	0			21.80	22.39
					1	99						1	0			19.64	20.23
	CA_38C	38	20	256QAM	1	0	37850	2580	38	20	256QAM	1	99	38048	2599.8	14.83	15.42
					1	99						1	0			18.81	19.40
					1	99						1	0			16.73	17.32
		38	20	256QAM	1	0	37901	2585.1	38	20	256QAM	1	99	38099	2604.9	14.81	15.40
					1	99						1	0			18.87	19.46
					1	99						1	0			16.73	17.32
		38	20	256QAM	1	0	37952	2590.2	38	20	256QAM	1	99	38150	2610	14.86	15.45
					1	99						1	0			18.84	19.43
					1	99						1	0			16.77	17.36
	CA_38C	38	15	256QAM	1	0	37825	2577.5	38	15	256QAM	1	99	37975	2592.5	18.70	19.29
					1	99						1	0			16.62	17.21
					1	99						1	0			14.67	15.26
		38	15	256QAM	1	0	37925	2587.5	38	15	256QAM	1	99	38075	2602.5	18.82	19.41
					1	99						1	0			16.66	17.25
					1	99						1	0			14.72	15.31
		38	15	256QAM	1	0	38025	2597.5	38	15	256QAM	1	99	38175	2612.5	18.76	19.35
					1	99						1	0			16.65	17.24
					1	99						1	0			16.62	17.21

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

7.1.5 LTE Band 41C

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_41C	2	20	QPSK	1	0	39750	2506	2	20	QPSK	1	99	39948	2525.8	17.56	18.93
					1	99						1	0			25.43	26.80
					100	0						100	0			23.49	24.86
		2	20	QPSK	1	0	40521	2583.1	2	20	QPSK	1	99	40719	2602.9	17.63	19.00
					1	99						1	0			25.46	26.83
					100	0						100	0			24.50	25.87
		2	20	QPSK	1	0	41292	2660.2	2	20	QPSK	1	99	41490	2680	17.41	18.78
					1	99						1	0			25.50	26.87
					100	0						100	0			24.64	26.01
	CA_41C	2	20	QPSK	1	0	39750	2506	2	15	QPSK	1	74	39921	2523.1	17.43	18.80
					1	99						1	0			25.30	26.67
					100	0						75	0			23.46	24.83
		2	20	QPSK	1	0	40546	2585.6	2	15	QPSK	1	74	40717	2602.7	17.52	18.89
					1	99						1	0			25.44	26.81
					100	0						75	0			24.40	25.77
		2	20	QPSK	1	0	41341	2665.1	2	15	QPSK	1	74	41512	2682.2	17.33	18.70
					1	99						1	0			25.41	26.78
					100	0						75	0			24.53	25.90
	CA_41C	2	15	QPSK	1	0	39728	2503.8	2	20	QPSK	1	99	39899	2520.9	17.48	18.85
					1	74						1	0			25.36	26.73
					75	0						100	0			23.43	24.80
		2	15	QPSK	1	0	40523	2593.3	2	20	QPSK	1	99	40694	2600.4	17.55	18.92
					1	74						1	0			25.43	26.80
					75	0						100	0			24.46	25.83
		2	15	QPSK	1	0	41319	2662.9	2	20	QPSK	1	99	41490	2680	17.36	18.73
					1	74						1	0			25.40	26.77
					75	0						100	0			24.53	25.90
	CA_41C	2	20	QPSK	1	0	39750	2506	2	10	QPSK	1	49	39894	2520.4	17.48	18.85
					1	99						1	0			25.29	26.66
					100	0						50	0			23.42	24.79
		2	20	QPSK	1	0	40571	2588.1	2	10	QPSK	1	49	40715	2602.5	17.54	18.91
					1	99						1	0			25.46	26.83
					100	0						50	0			24.44	25.81
		2	20	QPSK	1	0	41391	2670.1	2	10	QPSK	1	49	41535	2684.5	17.39	18.76
					1	99						1	0			25.41	26.78
					100	0						50	0			24.56	25.93
	CA_41C	2	10	QPSK	1	0	39705	2501.5	2	20	QPSK	1	99	39849	2515.9	17.52	18.89
					1	49						1	0			25.34	26.71
					50	0						100	0			23.44	24.81
		2	10	QPSK	1	0	40526	2583.6	2	20	QPSK	1	99	40670	2598	17.53	18.90
					1	49						1	0			25.41	26.78
					50	0						100	0			24.42	25.79
		2	10	QPSK10M	1	0	41346	2665.6	2	20	QPSK	1	99	41490	2680	17.35	18.72
					1	49						1	0			25.43	26.80
					50	0						100	0			24.56	25.93

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_41C	2	20	QPSK	1	0	39750	2506	2	5	QPSK	1	24	39867	2517.7	17.43	18.80
					1	99						1	0			25.32	26.69
					100	0						25	0			23.39	24.76
		2	20	QPSK	1	0	40595	2590.5	2	5	QPSK	1	24	40712	2602.2	17.55	18.92
					1	99						1	0			25.46	26.83
					100	0						25	0			24.40	25.77
		2	20	QPSK	1	0	41440	2675	2	5	QPSK	1	24	41557	2686.7	17.34	18.71
					1	99						1	0			25.38	26.75
					100	0						25	0			24.57	25.94
	CA_41C	2	5	QPSK	1	0	39683	2499.3	2	20	QPSK	1	99	39800	2511	17.48	18.85
					1	24						1	0			25.36	26.73
					25	0						100	0			23.41	24.78
		2	5	QPSK	1	0	40528	2583.8	2	20	QPSK	1	99	40645	2595.5	17.58	18.95
					1	24						1	0			25.40	26.77
					25	0						100	0			24.43	25.80
		2	5	QPSK	1	0	41373	2668.3	2	20	QPSK	1	99	41490	2680	17.33	18.70
					1	24						1	0			25.38	26.75
					25	0						100	0			24.58	25.95
	CA_41C	2	15	QPSK	1	0	39725	2503.5	2	10	QPSK	1	49	39845	2515.5	17.42	18.79
					1	74						1	0			25.31	26.68
					75	0						50	0			23.37	24.74
		2	15	QPSK	1	0	40571	2588.1	2	10	QPSK	1	49	40691	2600.1	17.57	18.94
					1	74						1	0			25.41	26.78
					75	0						50	0			24.42	25.79
		2	15	QPSK	1	0	41417	2672.7	2	10	QPSK	1	49	41537	2684.7	17.31	18.68
					1	74						1	0			25.42	26.79
					75	0						50	0			24.54	25.91
	CA_41C	2	10	QPSK	1	0	39703	2501.3	2	15	QPSK	1	74	39823	2513.3	17.42	18.79
					1	49						1	0			25.34	26.71
					50	0						75	0			23.43	24.80
		2	10	QPSK	1	0	40549	2585.9	2	15	QPSK	1	74	40669	2597.9	17.56	18.93
					1	49						1	0			25.38	26.75
					50	0						75	0			24.46	25.83
		2	10	QPSK	1	0	41395	2670.5	2	15	QPSK	1	74	41515	2682.5	17.33	18.70
					1	49						1	0			25.36	26.73
					50	0						75	0			24.55	25.92
	CA_41C	2	15	QPSK	1	0	39725	2503.5	2	15	QPSK	1	74	39875	2518.5	17.47	18.84
					1	74						1	0			25.35	26.72
					75	0						75	0			23.43	24.80
		2	15	QPSK	1	0	40545	22585.5	2	15	QPSK	1	74	40695	2600.5	17.50	18.87
					1	74						1	0			25.43	26.80
					75	0						75	0			24.44	25.81
		2	15	QPSK	1	0	41365	2667.5	2	15	QPSK	1	74	41515	2682.5	17.28	18.65
					1	74						1	0			25.41	26.78
					75	0						75	0			24.55	25.92

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_41C	2	20	16QAM	1	0	39750	2506	2	20	16QAM	1	99	39948	2525.8	17.41	18.78
					1	99						1	0			25.24	26.61
					100	0						100	0			23.29	24.66
		2	20	16QAM	1	0	40521	2583.1	2	20	16QAM	1	99	40719	2602.9	17.40	18.77
					1	99						1	0			25.40	26.77
					100	0						100	0			24.31	25.68
		2	20	16QAM	1	0	41292	2660.2	2	20	16QAM	1	99	41490	2680	17.23	18.60
					1	99						1	0			25.32	26.69
					100	0						100	0			24.50	25.87
	CA_41C	2	20	16QAM	1	0	39750	2506	2	15	16QAM	1	74	39921	2523.1	17.34	18.71
					1	99						1	0			25.16	26.53
					100	0						75	0			23.16	24.53
		2	20	16QAM	1	0	40546	2585.6	2	15	16QAM	1	74	40717	2602.7	17.32	18.69
					1	99						1	0			25.38	26.75
					100	0						75	0			24.29	25.66
		2	20	16QAM	1	0	41341	2665.1	2	15	16QAM	1	74	41512	2682.2	17.19	18.56
					1	99						1	0			25.23	26.60
					100	0						75	0			24.42	25.79
	CA_41C	2	15	16QAM	1	0	39728	2503.8	2	20	16QAM	1	99	39899	2520.9	17.30	18.67
					1	74						1	0			25.17	26.54
					75	0						100	0			23.15	24.52
		2	15	16QAM	1	0	40523	2593.3	2	20	16QAM	1	99	40694	2600.4	17.33	18.70
					1	74						1	0			25.38	26.75
					75	0						100	0			24.19	25.56
		2	15	16QAM	1	0	41319	2662.9	2	20	16QAM	1	99	41490	2680	17.15	18.52
					1	74						1	0			25.23	26.60
					75	0						100	0			24.39	25.76
	CA_41C	2	20	16QAM	1	0	39750	2506	2	10	16QAM	1	49	39894	2520.4	17.33	18.70
					1	99						1	0			25.14	26.51
					100	0						50	0			23.17	24.54
		2	20	16QAM	1	0	40571	2588.1	2	10	16QAM	1	49	40715	2602.5	17.36	18.73
					1	99						1	0			25.32	26.69
					100	0						50	0			24.22	25.59
		2	20	16QAM	1	0	41391	2670.1	2	10	16QAM	1	49	41535	2684.5	17.17	18.54
					1	99						1	0			25.22	26.59
					100	0						50	0			24.48	25.85
	CA_41C	2	10	16QAM	1	0	39705	2501.5	2	20	16QAM	1	99	39849	2515.9	17.32	18.69
					1	49						1	0			25.17	26.54
					50	0						100	0			23.22	24.59
		2	10	16QAM	1	0	40526	2583.6	2	20	16QAM	1	99	40670	2598	17.30	18.67
					1	49						1	0			25.27	26.64
					50	0						100	0			24.24	25.61
		2	10	16QAM	1	0	41346	2665.6	2	20	16QAM	1	99	41490	2680	17.13	18.50
					1	49						1	0			25.22	26.59
					50	0						100	0			24.41	25.78

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_41C	2	20	16QAM	1	0	39750	2506	2	5	16QAM	1	24	39867	2517.7	17.33	18.70
					1	99						1	0			25.14	26.51
					100	0						25	0			23.15	24.52
		2	20	16QAM	1	0	40595	2590.5	2	5	16QAM	1	24	40712	2602.2	17.30	18.67
					1	99						1	0			25.33	26.70
					100	0						25	0			24.23	25.60
		2	20	16QAM	1	0	41440	2675	2	5	16QAM	1	24	41557	2686.7	17.13	18.50
					1	99						1	0			25.22	26.59
					100	0						25	0			24.45	25.82
	CA_41C	2	5	16QAM	1	0	39683	2499.3	2	20	16QAM	1	99	39800	2511	17.29	18.66
					1	24						1	0			25.12	26.49
					25	0						100	0			23.16	24.53
		2	5	16QAM	1	0	40528	2583.8	2	20	16QAM	1	99	40645	2595.5	17.33	18.70
					1	24						1	0			25.29	26.66
					25	0						100	0			24.23	25.60
		2	5	16QAM	1	0	41373	2668.3	2	20	16QAM	1	99	41490	2680	17.14	18.51
					1	24						1	0			25.23	26.60
					25	0						100	0			24.39	25.76
	CA_41C	2	15	16QAM	1	0	39725	2503.5	2	10	16QAM	1	49	39845	2515.5	17.28	18.65
					1	74						1	0			25.16	26.53
					75	0						50	0			23.25	24.62
		2	15	16QAM	1	0	40571	2588.1	2	10	16QAM	1	49	40691	2600.1	17.30	18.67
					1	74						1	0			25.34	26.71
					75	0						50	0			24.24	25.61
		2	15	16QAM	1	0	41417	2672.7	2	10	16QAM	1	49	41537	2684.7	17.16	18.53
					1	74						1	0			25.21	26.58
					75	0						50	0			24.42	25.79
	CA_41C	2	10	16QAM	1	0	39703	2501.3	2	15	16QAM	1	74	39823	2513.3	17.33	18.70
					1	49						1	0			25.17	26.54
					50	0						75	0			23.20	24.57
		2	10	16QAM	1	0	40549	2585.9	2	15	16QAM	1	74	40669	2597.9	17.26	18.63
					1	49						1	0			25.30	26.67
					50	0						75	0			24.26	25.63
		2	10	16QAM	1	0	41395	2670.5	2	15	16QAM	1	74	41515	2682.5	17.16	18.53
					1	49						1	0			25.26	26.63
					50	0						75	0			24.44	25.81
	CA_41C	2	15	16QAM	1	0	39725	2503.5	2	15	16QAM	1	74	39875	2518.5	17.32	18.69
					1	74						1	0			25.14	26.51
					75	0						75	0			23.19	24.56
		2	15	16QAM	1	0	40545	22585.5	2	15	16QAM	1	74	40695	2600.5	17.31	18.68
					1	74						1	0			25.35	26.72
					75	0						75	0			24.21	25.58
		2	15	16QAM	1	0	41365	2667.5	2	15	16QAM	1	74	41515	2682.5	17.18	18.55
					1	74						1	0			25.24	26.61
					75	0						75	0			24.45	25.82

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_41C	2	20	64QAM	1	0	39750	2506	2	20	64QAM	1	99	39948	2525.8	17.24	18.61
					1	99						1	0			25.09	26.46
					100	0						100	0			23.16	24.53
		2	20	64QAM	1	0	40521	2583.1	2	20	64QAM	1	99	40719	2602.9	17.22	18.59
					1	99						1	0			25.21	26.58
					100	0						100	0			24.13	25.50
		2	20	64QAM	1	0	41292	2660.2	2	20	64QAM	1	99	41490	2680	17.05	18.42
					1	99						1	0			25.13	26.50
					100	0						100	0			24.29	25.66
	CA_41C	2	20	64QAM	1	0	39750	2506	2	15	64QAM	1	74	39921	2523.1	17.15	18.52
					1	99						1	0			24.95	26.32
					100	0						75	0			23.06	24.43
		2	20	64QAM	1	0	40546	2585.6	2	15	64QAM	1	74	40717	2602.7	17.16	18.53
					1	99						1	0			25.14	26.51
					100	0						75	0			24.06	25.43
		2	20	64QAM	1	0	41341	2665.1	2	15	64QAM	1	74	41512	2682.2	16.96	18.33
					1	99						1	0			25.04	26.41
					100	0						75	0			24.23	25.60
	CA_41C	2	15	64QAM	1	0	39728	2503.8	2	20	64QAM	1	99	39899	2520.9	17.15	18.52
					1	74						1	0			25.01	26.38
					75	0						100	0			23.11	24.48
		2	15	64QAM	1	0	40523	2593.3	2	20	64QAM	1	99	40694	2600.4	17.13	18.50
					1	74						1	0			25.11	26.48
					75	0						100	0			24.10	25.47
		2	15	64QAM	1	0	41319	2662.9	2	20	64QAM	1	99	41490	2680	17.00	18.37
					1	74						1	0			25.04	26.41
					75	0						100	0			24.21	25.58
	CA_41C	2	20	64QAM	1	0	39750	2506	2	10	64QAM	1	49	39894	2520.4	17.13	18.50
					1	99						1	0			25.03	26.40
					100	0						50	0			23.10	24.47
		2	20	64QAM	1	0	40571	2588.1	2	10	64QAM	1	49	40715	2602.5	17.16	18.53
					1	99						1	0			25.10	26.47
					100	0						50	0			24.07	25.44
		2	20	64QAM	1	0	41391	2670.1	2	10	64QAM	1	49	41535	2684.5	17.01	18.38
					1	99						1	0			25.00	26.37
					100	0						50	0			24.15	25.52
	CA_41C	2	10	64QAM	1	0	39705	2501.5	2	20	64QAM	1	99	39849	2515.9	17.18	18.55
					1	49						1	0			24.99	26.36
					50	0						100	0			23.06	24.43
		2	10	64QAM	1	0	40526	2583.6	2	20	64QAM	1	99	40670	2598	17.13	18.50
					1	49						1	0			25.14	26.51
					50	0						100	0			23.99	25.36
		2	10	64QAM	1	0	41346	2665.6	2	20	64QAM	1	99	41490	2680	16.99	18.36
					1	49						1	0			25.08	26.45
					50	0						100	0			24.18	25.55

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_41C	2	20	64QAM	1	0	39750	2506	2	5	64QAM	1	24	39867	2517.7	17.15	18.52
					1	99						1	0			25.02	26.39
					100	0						25	0			23.07	24.44
		2	20	64QAM	1	0	40595	2590.5	2	5	64QAM	1	24	40712	2602.2	17.16	18.53
					1	99						1	0			25.11	26.48
					100	0						25	0			24.01	25.38
		2	20	64QAM	1	0	41440	2675	2	5	64QAM	1	24	41557	2686.7	16.93	18.30
					1	99						1	0			25.03	26.40
					100	0						25	0			24.15	25.52
	CA_41C	2	5	64QAM	1	0	39683	2499.3	2	20	64QAM	1	99	39800	2511	17.12	18.49
					1	24						1	0			25.04	26.41
					25	0						100	0			23.12	24.49
		2	5	64QAM	1	0	40528	2583.8	2	20	64QAM	1	99	40645	2595.5	17.08	18.45
					1	24						1	0			25.12	26.49
					25	0						100	0			24.01	25.38
		2	5	64QAM	1	0	41373	2668.3	2	20	64QAM	1	99	41490	2680	16.99	18.36
					1	24						1	0			25.10	26.47
					25	0						100	0			24.24	25.61
	CA_41C	2	15	64QAM	1	0	39725	2503.5	2	10	64QAM	1	49	39845	2515.5	17.15	18.52
					1	74						1	0			25.01	26.38
					75	0						50	0			23.12	24.49
		2	15	64QAM	1	0	40571	2588.1	2	10	64QAM	1	49	40691	2600.1	17.18	18.55
					1	74						1	0			25.12	26.49
					75	0						50	0			24.05	25.42
		2	15	64QAM	1	0	41417	2672.7	2	10	64QAM	1	49	41537	2684.7	16.98	18.35
					1	74						1	0			25.04	26.41
					75	0						50	0			24.21	25.58
	CA_41C	2	10	64QAM	1	0	39703	2501.3	2	15	64QAM	1	74	39823	2513.3	17.11	18.48
					1	49						1	0			25.01	26.38
					50	0						75	0			23.09	24.46
		2	10	64QAM	1	0	40549	2585.9	2	15	64QAM	1	74	40669	2597.9	17.19	18.56
					1	49						1	0			25.12	26.49
					50	0						75	0			24.07	25.44
		2	10	64QAM	1	0	41395	2670.5	2	15	64QAM	1	74	41515	2682.5	16.99	18.36
					1	49						1	0			25.03	26.40
					50	0						75	0			24.23	25.60
	CA_41C	2	15	64QAM	1	0	39725	2503.5	2	15	64QAM	1	74	39875	2518.5	17.13	18.50
					1	74						1	0			25.03	26.40
					75	0						75	0			23.11	24.48
		2	15	64QAM	1	0	40545	22585.5	2	15	64QAM	1	74	40695	2600.5	17.17	18.54
					1	74						1	0			25.17	26.54
					75	0						75	0			24.04	25.41
		2	15	64QAM	1	0	41365	2667.5	2	15	64QAM	1	74	41515	2682.5	16.99	18.36
					1	74						1	0			25.08	26.45
					75	0						75	0			24.15	25.52

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_41C	2	20	256QAM	1	0	39750	2506	2	20	256QAM	1	99	39948	2525.8	17.05	18.42
					1	99						1	0			24.95	26.32
					100	0						100	0			22.98	24.35
		2	20	256QAM	1	0	40521	2583.1	2	20	256QAM	1	99	40719	2602.9	17.01	18.38
					1	99						100	0			25.04	26.41
					100	0						1	0			24.03	25.40
		2	20	256QAM	1	0	41292	2660.2	2	20	256QAM	1	99	41490	2680	16.91	18.28
					1	99						1	0			24.99	26.36
					100	0						100	0			24.06	25.43
	CA_41C	2	20	256QAM	1	0	39750	2506	2	15	256QAM	1	74	39921	2523.1	16.92	18.29
					1	99						1	0			24.88	26.25
					100	0						75	0			22.90	24.27
		2	20	256QAM	1	0	40546	2585.6	2	15	256QAM	1	74	40717	2602.7	16.98	18.35
					1	99						1	0			24.90	26.27
					100	0						75	0			23.99	25.36
		2	20	256QAM	1	0	41341	2665.1	2	15	256QAM	1	74	41512	2682.2	16.80	18.17
					1	99						1	0			24.88	26.25
					100	0						75	0			23.96	25.33
	CA_41C	2	15	256QAM	1	0	39728	2503.8	2	20	256QAM	1	99	39899	2520.9	16.94	18.31
					1	74						1	0			24.84	26.21
					75	0						100	0			22.87	24.24
		2	15	256QAM	1	0	40523	2593.3	2	20	256QAM	1	99	40694	2600.4	16.91	18.28
					1	74						1	0			25.01	26.38
					75	0						100	0			23.95	25.32
		2	15	256QAM	1	0	41319	2662.9	2	20	256QAM	1	99	41490	2680	16.88	18.25
					1	74						1	0			24.91	26.28
					75	0						100	0			23.97	25.34
	CA_41C	2	20	256QAM	1	0	39750	2506	2	10	256QAM	1	49	39894	2520.4	17.00	18.37
					1	99						1	0			24.82	26.19
					100	0						50	0			22.95	24.32
		2	20	256QAM	1	0	40571	2588.1	2	10	256QAM	1	49	40715	2602.5	16.95	18.32
					1	99						1	0			24.97	26.34
					100	0						50	0			23.91	25.28
		2	20	256QAM	1	0	41391	2670.1	2	10	256QAM	1	49	41535	2684.5	16.83	18.20
					1	99						1	0			24.95	26.32
					100	0						50	0			23.96	25.33
	CA_41C	2	10	256QAM	1	0	39705	2501.5	2	20	256QAM	1	99	39849	2515.9	16.95	18.32
					1	49						1	0			24.82	26.19
					50	0						100	0			22.84	24.21
		2	10	256QAM	1	0	40526	2583.6	2	20	256QAM	1	99	40670	2598	16.98	18.35
					1	49						1	0			24.96	26.33
					50	0						100	0			23.99	25.36
		2	10	256QAM	1	0	41346	2665.6	2	20	256QAM	1	99	41490	2680	16.83	18.20
					1	49						1	0			24.89	26.26
					50	0						100	0			24.02	25.39

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_41C	2	20	256QAM	1	0	39750	2506	2	5	256QAM	1	24	39867	2517.7	16.98	18.35
					1	99						1	0			24.88	26.25
					100	0						25	0			22.88	24.25
		2	20	256QAM	1	0	40595	2590.5	2	5	256QAM	1	24	40712	2602.2	16.88	18.25
					1	99						1	0			24.92	26.29
					100	0						25	0			23.91	25.28
		2	20	256QAM	1	0	41440	2675	2	5	256QAM	1	24	41557	2686.7	16.86	18.23
					1	99						1	0			24.93	26.30
					100	0						25	0			24.04	25.41
	CA_41C	2	5	256QAM	1	0	39683	2499.3	2	20	256QAM	1	99	39800	2511	16.97	18.34
					1	24						1	0			24.90	26.27
					25	0						100	0			22.92	24.29
		2	5	256QAM	1	0	40528	2583.8	2	20	256QAM	1	99	40645	2595.5	16.96	18.33
					1	24						1	0			24.97	26.34
					25	0						100	0			23.96	25.33
		2	5	256QAM	1	0	41373	2668.3	2	20	256QAM	1	99	41490	2680	16.84	18.21
					1	24						1	0			24.86	26.23
					25	0						100	0			23.96	25.33
	CA_41C	2	15	256QAM	1	0	39725	2503.5	2	10	256QAM	1	49	39845	2515.5	16.95	18.32
					1	74						1	0			24.86	26.23
					75	0						50	0			22.86	24.23
		2	15	256QAM	1	0	40571	2588.1	2	10	256QAM	1	49	40691	2600.1	16.92	18.29
					1	74						1	0			24.95	26.32
					75	0						50	0			23.89	25.26
		2	15	256QAM	1	0	41417	2672.7	2	10	256QAM	1	49	41537	2684.7	16.87	18.24
					1	74						1	0			24.85	26.22
					75	0						50	0			23.98	25.35
	CA_41C	2	10	256QAM	1	0	39703	2501.3	2	15	256QAM	1	74	39823	2513.3	16.96	18.33
					1	49						1	0			24.86	26.23
					50	0						75	0			22.87	24.24
		2	10	256QAM	1	0	40549	2585.9	2	15	256QAM	1	74	40669	2597.9	16.93	18.30
					1	49						1	0			24.96	26.33
					50	0						75	0			24.00	25.37
		2	10	256QAM	1	0	41395	2670.5	2	15	256QAM	1	74	41515	2682.5	16.78	18.15
					1	49						1	0			24.90	26.27
					50	0						75	0			23.93	25.30
	CA_41C	2	15	256QAM	1	0	39725	2503.5	2	15	256QAM	1	74	39875	2518.5	16.95	18.32
					1	74						1	0			24.88	26.25
					75	0						75	0			22.89	24.26
		2	15	256QAM	1	0	40545	22585.5	2	15	256QAM	1	74	40695	2600.5	16.96	18.33
					1	74						1	0			24.96	26.33
					75	0						75	0			23.96	25.33
		2	15	256QAM	1	0	41365	2667.5	2	15	256QAM	1	74	41515	2682.5	16.87	18.24
					1	74						1	0			24.88	26.25
					75	0						75	0			24.02	25.39

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

7.1.6 LTE Band 42C (3450-3550MHz)

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_42C (FCC 27Q)	42	20	QPSK	1	0	42190	3460	42	20	QPSK	1	99	42388	3479.8	17.55	18.25
					1	99						1	0			21.27	21.97
					100	0						100	0			19.34	20.04
		42	20	QPSK	1	0	42491	3490.1	42	20	QPSK	1	99	42689	3509.9	18.06	18.76
					1	99						1	0			22.11	22.81
					100	0						100	0			19.99	20.69
		42	20	QPSK	1	0	42791	3520.1	42	20	QPSK	1	99	42990	3540	18.26	18.96
					1	99						1	0			21.06	21.76
					100	0						100	0			19.54	20.24
	CA_42C (FCC 27Q)	42	20	QPSK	1	0	42190	3460	42	15	QPSK	1	74	42361	3477.1	17.48	18.18
					1	99						1	0			21.18	21.88
					100	0						75	0			19.23	19.93
		42	20	QPSK	1	0	42517	3492.7	42	15	QPSK	1	74	42688	3509.8	18.00	18.70
					1	99						1	0			22.06	22.76
					100	0						75	0			19.91	20.61
		42	20	QPSK	1	0	42844	3525.4	42	15	QPSK	1	74	43015	3542.5	18.19	18.89
					1	99						1	0			20.99	21.69
					100	0						75	0			19.43	20.13
	CA_42C (FCC 27Q)	42	15	QPSK	1	0	42165	3457.5	42	20	QPSK	1	99	42336	3474.6	17.51	18.21
					1	74						1	0			21.23	21.93
					75	0						100	0			19.18	19.88
		42	15	QPSK	1	0	424925	3490.2	42	20	QPSK	1	99	42663	3507.3	17.94	18.64
					1	74						1	0			22.00	22.70
					75	0						100	0			19.88	20.58
		42	15	QPSK	1	0	42819	3522.9	42	20	QPSK	1	99	42990	3540	18.16	18.86
					1	74						1	0			20.99	21.69
					75	0						100	0			19.45	20.15
	CA_42C (FCC 27Q)	42	20	QPSK	1	0	42190	3460	42	10	QPSK	1	49	42334	3474.4	17.45	18.15
					1	99						1	0			21.20	21.90
					100	0						50	0			19.16	19.86
		42	20	QPSK	1	0	42543	3495.3	42	10	QPSK	1	49	42687	3509.7	17.96	18.66
					1	99						1	0			22.04	22.74
					100	0						50	0			19.86	20.56
		42	20	QPSK	1	0	42896	3530.6	42	10	QPSK	1	49	43040	3545	18.18	18.88
					1	99						1	0			20.94	21.64
					100	0						50	0			19.48	20.18

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_42C (FCC 27Q)	42	10	QPSK	1	0	42140	3455	42	20	QPSK	1	99	42284	3469.4	17.46	18.16
					1	49						1	0			21.16	21.86
					50	0						100	0			19.29	19.99
		42	10	QPSK	1	0	42493	3490.3	42	20	QPSK	1	99	42637	3504.7	18.02	18.72
					1	49						1	0			21.98	22.68
					50	0						100	0			19.91	20.61
		42	10	QPSK	1	0	42846	3525.6	42	20	QPSK	1	99	42990	3540	18.13	18.83
					1	49						1	0			21.03	21.73
					50	0						100	0			19.51	20.21
	CA_42C (FCC 27Q)	42	20	QPSK	1	0	42190	3460	42	5	QPSK	1	24	42307	3471.7	17.51	18.21
					1	99						1	0			21.21	21.91
					100	0						25	0			19.20	19.90
		42	20	QPSK	1	0	42569	3497.9	42	5	QPSK	1	24	42686	3509.6	17.99	18.69
					1	99						1	0			21.99	22.69
					100	0						25	0			19.91	20.61
		42	20	QPSK	1	0	42948	3535.8	42	5	QPSK	1	24	43065	3547.5	18.16	18.86
					1	99						1	0			20.96	21.66
					100	0						25	0			19.50	20.20
	CA_42C (FCC 27Q)	42	5	QPSK	1	0	42115	3452.5	42	20	QPSK	1	99	42232	3464.2	17.46	18.16
					1	24						1	0			21.18	21.88
					25	0						100	0			19.23	19.93
		42	5	QPSK	1	0	42494	3490.4	42	20	QPSK	1	99	42611	3502.1	17.96	18.66
					1	24						1	0			22.06	22.76
					25	0						100	0			19.91	20.61
		42	5	QPSK	1	0	42873	3528.3	42	20	QPSK	1	99	42990	3540	18.24	18.94
					1	24						1	0			21.00	21.70
					25	0						100	0			19.47	20.17

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_42C (FCC 27Q)	42	20	16QAM	1	0	42190	3460	42	20	16QAM	1	99	42388	3479.8	16.36	17.06
					1	99						1	0			20.12	20.82
					100	0						100	0			18.19	18.89
		42	20	16QAM	1	0	42490	3490	42	20	16QAM	1	99	42688	3509.8	16.92	17.62
					1	99						1	0			20.92	21.62
					100	0						100	0			18.83	19.53
		42	20	16QAM	1	0	42792	3520.2	42	20	16QAM	1	99	42990	3540	17.05	17.75
					1	99						1	0			19.84	20.54
					100	0						100	0			18.36	19.06
	CA_42C (FCC 27Q)	42	20	16QAM	1	0	42190	3460	42	15	16QAM	1	74	42361	3477.1	16.28	16.98
					1	99						1	0			20.05	20.75
					100	0						75	0			19.07	19.77
		42	20	16QAM	1	0	42517	3492.7	42	15	16QAM	1	74	42688	3509.8	16.82	17.52
					1	99						1	0			20.79	21.49
					100	0						75	0			19.03	19.73
		42	20	16QAM	1	0	42844	3525.4	42	15	16QAM	1	74	43015	3542.5	17.02	17.72
					1	99						1	0			19.74	20.44
					100	0						75	0			18.98	19.68
	CA_42C (FCC 27Q)	42	15	16QAM	1	0	42165	3457.5	42	20	16QAM	1	99	42336	3474.6	16.22	16.92
					1	74						1	0			20.03	20.73
					75	0						100	0			19.09	19.79
		42	15	16QAM	1	0	424925	3490.2	42	20	16QAM	1	99	42663	3507.3	16.85	17.55
					1	74						1	0			20.79	21.49
					75	0						100	0			19.02	19.72
		42	15	16QAM	1	0	42819	3522.9	42	20	16QAM	1	99	42990	3540	16.93	17.63
					1	74						1	0			19.81	20.51
					75	0						100	0			18.96	19.66
	CA_42C (FCC 27Q)	42	20	16QAM	1	0	42190	3460	42	10	16QAM	1	49	42334	3474.4	16.32	17.02
					1	99						1	0			20.06	20.76
					100	0						50	0			19.10	19.80
		42	20	16QAM	1	0	42543	3495.3	42	10	16QAM	1	49	42687	3509.7	16.84	17.54
					1	99						1	0			20.88	21.58
					100	0						50	0			19.07	19.77
		42	20	16QAM	1	0	42896	3530.6	42	10	16QAM	1	49	43040	3545	16.97	17.67
					1	99						1	0			19.77	20.47
					100	0						50	0			19.01	19.71

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_42C (FCC 27Q)	42	10	16QAM	1	0	42140	3455	42	20	16QAM	1	99	42284	3469.4	16.26	16.96
					1	49						1	0			19.98	20.68
					50	0						100	0			19.09	19.79
		42	10	16QAM	1	0	42493	3490.3	42	20	16QAM	1	99	42637	3504.7	16.86	17.56
					1	49						1	0			20.84	21.54
					50	0						100	0			19.05	19.75
		42	10	16QAM	1	0	42846	3525.6	42	20	16QAM	1	99	42990	3540	16.96	17.66
					1	49						1	0			19.70	20.40
					50	0						100	0			19.05	19.75
	CA_42C (FCC 27Q)	42	20	16QAM	1	0	42190	3460	42	5	16QAM	1	24	42307	3471.7	16.24	16.94
					1	99						1	0			20.09	20.79
					100	0						25	0			19.09	19.79
		42	20	16QAM	1	0	42569	3497.9	42	5	16QAM	1	24	42686	3509.6	16.81	17.51
					1	99						1	0			20.80	21.50
					100	0						25	0			19.10	19.80
		42	20	16QAM	1	0	42948	3535.8	42	5	16QAM	1	24	43065	3547.5	16.93	17.63
					1	99						1	0			19.75	20.45
					100	0						25	0			18.99	19.69
	CA_42C (FCC 27Q)	42	5	16QAM	1	0	42115	3452.5	42	20	16QAM	1	99	42232	3464.2	16.28	16.98
					1	24						1	0			20.06	20.76
					25	0						100	0			19.09	19.79
		42	5	16QAM	1	0	42494	3490.4	42	20	16QAM	1	99	42611	3502.1	16.81	17.51
					1	24						1	0			20.84	21.54
					25	0						100	0			19.02	19.72
		42	5	16QAM	1	0	42873	3528.3	42	20	16QAM	1	99	42990	3540	17.00	17.70
					1	24						1	0			19.72	20.42
					25	0						100	0			18.99	19.69

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_42C (FCC 27Q)	42	20	64QAM	1	0	42190	3460	42	20	64QAM	1	99	42388	3479.8	15.22	15.92
					1	99						1	0			18.88	19.58
					100	0						100	0			16.98	17.68
		42	20	64QAM	1	0	42490	3490	42	20	64QAM	1	99	42688	3509.8	15.73	16.43
					1	99						1	0			19.76	20.46
					100	0						100	0			17.61	18.31
		42	20	64QAM	1	0	42792	3520.2	42	20	64QAM	1	99	42990	3540	15.83	16.53
					1	99						1	0			18.66	19.36
					100	0						100	0			17.16	17.86
	CA_42C (FCC 27Q)	42	20	64QAM	1	0	42190	3460	42	15	64QAM	1	74	42361	3477.1	15.14	15.84
					1	99						1	0			18.83	19.53
					100	0						75	0			17.79	18.49
		42	20	64QAM	1	0	42517	3492.7	42	15	64QAM	1	74	42688	3509.8	15.62	16.32
					1	99						1	0			19.71	20.41
					100	0						75	0			17.74	18.44
		42	20	64QAM	1	0	42844	3525.4	42	15	64QAM	1	74	43015	3542.5	15.70	16.40
					1	99						1	0			18.61	19.31
					100	0						75	0			17.84	18.54
	CA_42C (FCC 27Q)	42	15	64QAM	1	0	42165	3457.5	42	20	64QAM	1	99	42336	3474.6	15.09	15.79
					1	74						1	0			18.76	19.46
					75	0						100	0			17.72	18.42
		42	15	64QAM	1	0	424925	3490.2	42	20	64QAM	1	99	42663	3507.3	15.64	16.34
					1	74						1	0			19.70	20.40
					75	0						100	0			17.81	18.51
		42	15	64QAM	1	0	42819	3522.9	42	20	64QAM	1	99	42990	3540	15.71	16.41
					1	74						1	0			18.59	19.29
					75	0						100	0			17.85	18.55
	CA_42C (FCC 27Q)	42	20	64QAM	1	0	42190	3460	42	10	64QAM	1	49	42334	3474.4	15.11	15.81
					1	99						1	0			18.84	19.54
					100	0						50	0			17.76	18.46
		42	20	64QAM	1	0	42543	3495.3	42	10	64QAM	1	49	42687	3509.7	15.68	16.38
					1	99						1	0			19.68	20.38
					100	0						50	0			17.74	18.44
		42	20	64QAM	1	0	42896	3530.6	42	10	64QAM	1	49	43040	3545	15.74	16.44
					1	99						1	0			18.55	19.25
					100	0						50	0			17.80	18.50

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_42C (FCC 27Q)	42	10	64QAM	1	0	42140	3455	42	20	64QAM	1	99	42284	3469.4	15.19	15.89
					1	49						1	0			18.84	19.54
					50	0						100	0			17.75	18.45
		42	10	64QAM	1	0	42493	3490.3	42	20	64QAM	1	99	42637	3504.7	15.67	16.37
					1	49						1	0			19.68	20.38
					50	0						100	0			17.76	18.46
		42	10	64QAM	1	0	42846	3525.6	42	20	64QAM	1	99	42990	3540	15.72	16.42
					1	49						1	0			18.56	19.26
					50	0						100	0			17.84	18.54
	CA_42C (FCC 27Q)	42	20	64QAM	1	0	42190	3460	42	5	64QAM	1	24	42307	3471.7	15.17	15.87
					1	99						1	0			18.78	19.48
					100	0						25	0			17.77	18.47
		42	20	64QAM	1	0	42569	3497.9	42	5	64QAM	1	24	42686	3509.6	15.64	16.34
					1	99						1	0			19.63	20.33
					100	0						25	0			17.80	18.50
		42	20	64QAM	1	0	42948	3535.8	42	5	64QAM	1	24	43065	3547.5	15.74	16.44
					1	99						1	0			18.59	19.29
					100	0						25	0			17.88	18.58
	CA_42C (FCC 27Q)	42	5	64QAM	1	0	42115	3452.5	42	20	64QAM	1	99	42232	3464.2	15.14	15.84
					1	24						1	0			18.75	19.45
					25	0						100	0			17.72	18.42
		42	5	64QAM	1	0	42494	3490.4	42	20	64QAM	1	99	42611	3502.1	15.63	16.33
					1	24						1	0			19.70	20.40
					25	0						100	0			17.76	18.46
		42	5	64QAM	1	0	42873	3528.3	42	20	64QAM	1	99	42990	3540	15.70	16.40
					1	24						1	0			18.54	19.24
					25	0						100	0			17.82	18.52

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_42C (FCC 27Q)	42	20	256QAM	1	0	42190	3460	42	20	256QAM	1	99	42388	3479.8	13.99	14.69
					1	99						1	0			17.67	18.37
					100	0						100	0			15.79	16.49
		42	20	256QAM	1	0	42490	3490	42	20	256QAM	1	99	42688	3509.8	14.62	15.32
					1	99						1	0			18.54	19.24
					100	0						100	0			16.51	17.21
		42	20	256QAM	1	0	42792	3520.2	42	20	256QAM	1	99	42990	3540	14.62	15.32
					1	99						1	0			17.51	18.21
					100	0						100	0			15.98	16.68
	CA_42C (FCC 27Q)	42	20	256QAM	1	0	42190	3460	42	15	256QAM	1	74	42361	3477.1	13.93	14.63
					1	99						1	0			17.62	18.32
					100	0						75	0			16.44	17.14
		42	20	256QAM	1	0	42517	3492.7	42	15	256QAM	1	74	42688	3509.8	14.53	15.23
					1	99						1	0			18.40	19.10
					100	0						75	0			16.42	17.12
		42	20	256QAM	1	0	42844	3525.4	42	15	256QAM	1	74	43015	3542.5	14.50	15.20
					1	99						1	0			17.42	18.12
					100	0						75	0			16.46	17.16
	CA_42C (FCC 27Q)	42	15	256QAM	1	0	42165	3457.5	42	20	256QAM	1	99	42336	3474.6	13.93	14.63
					1	74						1	0			17.58	18.28
					75	0						100	0			16.45	17.15
		42	15	256QAM	1	0	424925	3490.2	42	20	256QAM	1	99	42663	3507.3	14.53	15.23
					1	74						1	0			18.45	19.15
					75	0						100	0			16.40	17.10
		42	15	256QAM	1	0	42819	3522.9	42	20	256QAM	1	99	42990	3540	14.49	15.19
					1	74						1	0			17.44	18.14
					75	0						100	0			16.42	17.12
	CA_42C (FCC 27Q)	42	20	256QAM	1	0	42190	3460	42	10	256QAM	1	49	42334	3474.4	13.91	14.61
					1	99						1	0			17.64	18.34
					100	0						50	0			16.50	17.20
		42	20	256QAM	1	0	42543	3495.3	42	10	256QAM	1	49	42687	3509.7	14.57	15.27
					1	99						1	0			18.49	19.19
					100	0						50	0			16.41	17.11
		42	20	256QAM	1	0	42896	3530.6	42	10	256QAM	1	49	43040	3545	14.56	15.26
					1	99						1	0			17.43	18.13
					100	0						50	0			16.46	17.16

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_42C (FCC 27Q)	42	10	256QAM	1	0	42140	3455	42	20	256QAM	1	99	42284	3469.4	13.87	14.57
					1	49						1	0			17.59	18.29
					50	0						100	0			16.52	17.22
		42	10	256QAM	1	0	42493	3490.3	42	20	256QAM	1	99	42637	3504.7	14.50	15.20
					1	49						1	0			18.47	19.17
					50	0						100	0			16.41	17.11
		42	10	256QAM	1	0	42846	3525.6	42	20	256QAM	1	99	42990	3540	14.55	15.25
					1	49						1	0			17.47	18.17
					50	0						100	0			16.37	17.07
	CA_42C (FCC 27Q)	42	20	256QAM	1	0	42190	3460	42	5	256QAM	1	24	42307	3471.7	13.89	14.59
					1	99						1	0			17.57	18.27
					100	0						25	0			16.51	17.21
		42	20	256QAM	1	0	42569	3497.9	42	5	256QAM	1	24	42686	3509.6	14.55	15.25
					1	99						1	0			18.46	19.16
					100	0						25	0			16.39	17.09
		42	20	256QAM	1	0	42948	3535.8	42	5	256QAM	1	24	43065	3547.5	14.53	15.23
					1	99						1	0			17.43	18.13
					100	0						25	0			16.40	17.10
	CA_42C (FCC 27Q)	42	5	256QAM	1	0	42115	3452.5	42	20	256QAM	1	99	42232	3464.2	13.93	14.63
					1	24						1	0			17.60	18.30
					25	0						100	0			16.48	17.18
		42	5	256QAM	1	0	42494	3490.4	42	20	256QAM	1	99	42611	3502.1	14.56	15.26
					1	24						1	0			18.42	19.12
					25	0						100	0			16.46	17.16
		42	5	256QAM	1	0	42873	3528.3	42	20	256QAM	1	99	42990	3540	14.52	15.22
					1	24						1	0			17.45	18.15
					25	0						100	0			16.41	17.11

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

7.1.7 LTE Band 42C (3550~3600MHz)

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_42C (Part 96)	42	20	QPSK	1	0	43190	3560	42	20	QPSK	1	99	43388	3579.8	0.26	1.11
					1	99						1	0			0.30	1.15
					100	0						100	0			10.80	11.65
		42	20	QPSK	1	0	43241	3565.1	42	20	QPSK	1	99	43439	3584.9	0.22	1.07
					1	99						1	0			0.19	1.04
					100	0						100	0			10.84	11.69
		42	20	QPSK	1	0	43292	3570.2	42	20	QPSK	1	99	43490	3590	0.25	1.10
					1	99						1	0			0.05	0.90
					100	0						100	0			10.87	11.72
	CA_42C (Part 96)	42	20	QPSK	1	0	43190	3560	42	15	QPSK	1	74	43361	3577.1	0.16	1.01
					1	99						1	0			0.20	1.05
					100	0						75	0			10.75	11.60
		42	20	QPSK	1	0	43266	3567.6	42	15	QPSK	1	74	43437	3584.7	0.10	0.95
					1	99						1	0			0.09	0.94
					100	0						75	0			10.78	11.63
		42	20	QPSK	1	0	43344	3575.4	42	15	QPSK	1	74	43515	3592.5	0.17	1.02
					1	99						1	0			-0.06	0.79
					100	0						75	0			10.84	11.69
	CA_42C (Part 96)	42	15	QPSK	1	0	43165	3557.5	42	20	QPSK	1	99	43336	3574.6	0.13	0.98
					1	74						1	0			0.21	1.06
					75	0						100	0			10.69	11.54
		42	15	QPSK	1	0	43243	3565.3	42	20	QPSK	1	99	43414	3582.4	0.07	0.92
					1	74						1	0			0.06	0.91
					75	0						100	0			10.76	11.61
		42	15	QPSK	1	0	43319	3572.9	42	20	QPSK	1	99	43490	3590	0.20	1.05
					1	74						1	0			-0.02	0.83
					75	0						100	0			10.79	11.64
	CA_42C (Part 96)	42	20	QPSK	1	0	43190	3560	42	10	QPSK	1	49	43334	3574.4	0.19	1.04
					1	99						1	0			0.16	1.01
					100	0						50	0			10.76	11.61
		42	20	QPSK	1	0	43291	3570.1	42	10	QPSK	1	49	43435	3584.5	0.11	0.96
					1	99						1	0			0.06	0.91
					100	0						50	0			10.80	11.65
		42	20	QPSK	1	0	43396	3580.6	42	10	QPSK	1	49	43540	3595	0.18	1.03
					1	99						1	0			-0.02	0.83
					100	0						50	0			10.80	11.65

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_42C (Part 96)	42	10	QPSK	1	0	43140	3555	42	20	QPSK	1	99	43284	3569.4	0.18	1.03
					1	49						1	0			0.23	1.08
					50	0						100	0			10.73	11.58
		42	10	QPSK	1	0	43246	3565.6	42	20	QPSK	1	99	43390	3580	0.12	0.97
					1	49						1	0			0.07	0.92
					50	0						100	0			10.75	11.60
		42	10	QPSK	1	0	43346	3575.6	42	20	QPSK	1	99	43490	3590	0.14	0.99
					1	49						1	0			-0.06	0.79
					50	0						100	0			10.74	11.59
	CA_42C (Part 96)	42	20	QPSK	1	0	43190	3560	42	5	QPSK	1	24	43307	3571.7	0.17	1.02
					1	99						1	0			0.23	1.08
					100	0						25	0			10.72	11.57
		42	20	QPSK	1	0	43315	3572.5	42	5	QPSK	1	24	43432	3584.2	0.13	0.98
					1	99						1	0			0.13	0.98
					100	0						25	0			10.70	11.55
		42	20	QPSK	1	0	43448	3585.8	42	5	QPSK	1	24	43565	3597.5	0.12	0.97
					1	99						1	0			-0.01	0.84
					100	0						25	0			10.79	11.64
	CA_42C (Part 96)	42	5	QPSK	1	0	43115	3552.5	42	20	QPSK	1	99	43232	3564.2	0.14	0.99
					1	24						1	0			0.23	1.08
					25	0						100	0			10.76	11.61
		42	5	QPSK	1	0	43248	3565.8	42	20	QPSK	1	99	43365	3577.5	0.11	0.96
					1	24						1	0			0.08	0.93
					25	0						100	0			10.80	11.65
		42	5	QPSK	1	0	43373	3578.3	42	20	QPSK	1	99	43490	3590	0.14	0.99
					1	24						1	0			0.01	0.86
					25	0						100	0			10.74	11.59

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_42C (Part 96)	42	20	16QAM	1	0	43190	3560	42	20	16QAM	1	99	43388	3579.8	-0.23	0.62
					1	99						1	0			-0.16	0.69
					100	0						100	0			10.62	11.47
		42	20	16QAM	1	0	43241	3565.1	42	20	16QAM	1	99	43439	3584.9	-0.22	0.63
					1	99						1	0			-0.19	0.66
					100	0						100	0			10.64	11.49
		42	20	16QAM	1	0	43292	3570.2	42	20	16QAM	1	99	43490	3590	-0.15	0.70
					1	99						1	0			-0.12	0.73
					100	0						100	0			10.63	11.48
	CA_42C (Part 96)	42	20	16QAM	1	0	43190	3560	42	15	16QAM	1	74	43361	3577.1	-0.32	0.53
					1	99						1	0			-0.27	0.58
					100	0						75	0			10.53	11.38
		42	20	16QAM	1	0	43266	3567.6	42	15	16QAM	1	74	43437	3584.7	-0.31	0.54
					1	99						1	0			-0.30	0.55
					100	0						75	0			10.57	11.42
		42	20	16QAM	1	0	43344	3575.4	42	15	16QAM	1	74	43515	3592.5	-0.23	0.62
					1	99						1	0			-0.25	0.60
					100	0						75	0			10.50	11.35
	CA_42C (Part 96)	42	15	16QAM	1	0	43165	3557.5	42	20	16QAM	1	99	43336	3574.6	-0.28	0.57
					1	74						1	0			-0.27	0.58
					75	0						100	0			10.53	11.38
		42	15	16QAM	1	0	43243	3565.3	42	20	16QAM	1	99	43414	3582.4	-0.32	0.53
					1	74						1	0			-0.28	0.57
					75	0						100	0			10.57	11.42
		42	15	16QAM	1	0	43319	3572.9	42	20	16QAM	1	99	43490	3590	-0.25	0.60
					1	74						1	0			-0.24	0.61
					75	0						100	0			10.55	11.40
	CA_42C (Part 96)	42	20	16QAM	1	0	43190	3560	42	10	16QAM	1	49	43334	43140	-0.30	0.55
					1	99						1	0			-0.31	0.54
					100	0						50	0			10.52	11.37
		42	20	16QAM	1	0	43291	3570.1	42	10	16QAM	1	49	43435	43246	-0.29	0.56
					1	99						1	0			-0.28	0.57
					100	0						50	0			10.55	11.40
		42	20	16QAM	1	0	43396	3580.6	42	10	16QAM	1	49	43540	43346	-0.24	0.61
					1	99						1	0			-0.20	0.65
					100	0						50	0			10.55	11.40

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_42C (Part 96)	42	10	16QAM	1	0	43140	3555	42	20	16QAM	1	99	43284	3569.4	-0.33	0.52
					1	49						1	0			-0.22	0.63
					50	0						100	0			10.52	11.37
		42	10	16QAM	1	0	43246	3565.6	42	20	16QAM	1	99	43390	3580	-0.29	0.56
					1	49						1	0			-0.24	0.61
					50	0						100	0			10.53	11.38
		42	10	16QAM	1	0	43346	3575.6	42	20	16QAM	1	99	43490	3590	-0.24	0.61
					1	49						1	0			-0.19	0.66
					50	0						100	0			10.54	11.39
	CA_42C (Part 96)	42	20	16QAM	1	0	43190	3560	42	5	16QAM	1	24	43307	3571.7	-0.32	0.53
					1	99						1	0			-0.20	0.65
					100	0						25	0			10.54	11.39
		42	20	16QAM	1	0	43315	3572.5	42	5	16QAM	1	24	43432	3584.2	-0.35	0.50
					1	99						1	0			-0.26	0.59
					100	0						25	0			10.59	11.44
		42	20	16QAM	1	0	43448	3585.8	42	5	16QAM	1	24	43565	3597.5	-0.18	0.67
					1	99						1	0			-0.19	0.66
					100	0						25	0			10.54	11.39
	CA_42C (Part 96)	42	5	16QAM	1	0	43115	3552.5	42	20	16QAM	1	99	43232	3564.2	-0.31	0.54
					1	24						1	0			-0.26	0.59
					25	0						100	0			10.54	11.39
		42	5	16QAM	1	0	43248	3565.8	42	20	16QAM	1	99	43365	3577.5	-0.37	0.48
					1	24						1	0			-0.27	0.58
					25	0						100	0			10.54	11.39
		42	5	16QAM	1	0	43373	3578.3	42	20	16QAM	1	99	43490	3590	-0.23	0.62
					1	24						1	0			-0.26	0.59
					25	0						100	0			10.51	11.36

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_42C (Part 96)	42	20	64QAM	1	0	43190	3560	42	20	64QAM	1	99	43388	3579.8	-0.43	0.42
					1	99						1	0			-0.37	0.48
					100	0						100	0			10.45	11.30
		42	20	64QAM	1	0	43241	3565.1	42	20	64QAM	1	99	43439	3584.9	-0.45	0.40
					1	99						1	0			-0.42	0.43
					100	0						100	0			10.41	11.26
		42	20	64QAM	1	0	43292	3570.2	42	20	64QAM	1	99	43490	3590	-0.48	0.37
					1	99						1	0			-0.45	0.40
					100	0						100	0			10.41	11.26
	CA_42C (Part 96)	42	20	64QAM	1	0	43190	3560	42	15	64QAM	1	74	43361	3577.1	-0.59	0.26
					1	99						1	0			-0.50	0.35
					100	0						75	0			10.35	11.20
		42	20	64QAM	1	0	43266	3567.6	42	15	64QAM	1	74	43437	3584.7	-0.52	0.33
					1	99						1	0			-0.49	0.36
					100	0						75	0			10.33	11.18
		42	20	64QAM	1	0	43344	3575.4	42	15	64QAM	1	74	43515	3592.5	-0.61	0.24
					1	99						1	0			-0.55	0.30
					100	0						75	0			10.30	11.15
	CA_42C (Part 96)	42	15	64QAM	1	0	43165	3557.5	42	20	64QAM	1	99	43336	3574.6	-0.48	0.37
					1	74						1	0			-0.46	0.39
					75	0						100	0			10.37	11.22
		42	15	64QAM	1	0	43243	3565.3	42	20	64QAM	1	99	43414	3582.4	-0.51	0.34
					1	74						1	0			-0.50	0.35
					75	0						100	0			10.32	11.17
		42	15	64QAM	1	0	43319	3572.9	42	20	64QAM	1	99	43490	3590	-0.56	0.29
					1	74						1	0			-0.54	0.31
					75	0						100	0			10.34	11.19
	CA_42C (Part 96)	42	20	64QAM	1	0	43190	3560	42	10	64QAM	1	49	43334	43140	-0.52	0.33
					1	99						1	0			-0.48	0.37
					100	0						50	0			10.35	11.20
		42	20	64QAM	1	0	43291	3570.1	42	10	64QAM	1	49	43435	43246	-0.58	0.27
					1	99						1	0			-0.47	0.38
					100	0						50	0			10.28	11.13
		42	20	64QAM	1	0	43396	3580.6	42	10	64QAM	1	49	43540	43346	-0.55	0.30
					1	99						1	0			-0.49	0.36
					100	0						50	0			10.31	11.16

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_42C (Part 96)	42	10	64QAM	1	0	43140	3555	42	20	64QAM	1	99	43284	3569.4	-0.54	0.31
					1	49						1	0			-0.44	0.41
					50	0						100	0			10.33	11.18
		42	10	64QAM	1	0	43246	3565.6	42	20	64QAM	1	99	43390	3580	-0.56	0.29
					1	49						1	0			-0.52	0.33
					50	0						100	0			10.35	11.20
		42	10	64QAM	1	0	43346	3575.6	42	20	64QAM	1	99	43490	3590	-0.55	0.30
					1	49						1	0			-0.56	0.29
					50	0						100	0			10.33	11.18
	CA_42C (Part 96)	42	20	64QAM	1	0	43190	3560	42	5	64QAM	1	24	43307	3571.7	-0.54	0.31
					1	99						1	0			-0.51	0.34
					100	0						25	0			10.34	11.19
		42	20	64QAM	1	0	43315	3572.5	42	5	64QAM	1	24	43432	3584.2	-0.59	0.26
					1	99						1	0			-0.45	0.40
					100	0						25	0			10.35	11.20
		42	20	64QAM	1	0	43448	3585.8	42	5	64QAM	1	24	43565	3597.5	-0.53	0.32
					1	99						1	0			-0.55	0.30
					100	0						25	0			10.36	11.21
	CA_42C (Part 96)	42	5	64QAM	1	0	43115	3552.5	42	20	64QAM	1	99	43232	3564.2	-0.50	0.35
					1	24						1	0			-0.52	0.33
					25	0						100	0			10.33	11.18
		42	5	64QAM	1	0	43248	3565.8	42	20	64QAM	1	99	43365	3577.5	-0.49	0.36
					1	24						1	0			-0.52	0.33
					25	0						100	0			10.31	11.16
		42	5	64QAM	1	0	43373	3578.3	42	20	64QAM	1	99	43490	3590	-0.60	0.25
					1	24						1	0			-0.51	0.34
					25	0						100	0			10.34	11.19

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_42C (Part 96)	42	20	256QAM	1	0	43190	3560	42	20	256QAM	1	99	43388	3579.8	-0.74	0.11
					1	99						1	0			-0.69	0.16
					100	0						100	0			10.45	11.30
		42	20	256QAM	1	0	43241	3565.1	42	20	256QAM	1	99	43439	3584.9	-0.65	0.20
					1	99						1	0			-0.68	0.17
					100	0						100	0			10.46	11.31
		42	20	256QAM	1	0	43292	3570.2	42	20	256QAM	1	99	43490	3590	-0.67	0.18
					1	99						1	0			-0.72	0.13
					100	0						100	0			10.35	11.20
	CA_42C (Part 96)	42	20	256QAM	1	0	43190	3560	42	15	256QAM	1	74	43361	3577.1	-0.84	0.01
					1	99						1	0			-0.81	0.04
					100	0						75	0			10.36	11.21
		42	20	256QAM	1	0	43266	3567.6	42	15	256QAM	1	74	43437	3584.7	-0.74	0.11
					1	99						1	0			-0.78	0.07
					100	0						75	0			10.36	11.21
		42	20	256QAM	1	0	43344	3575.4	42	15	256QAM	1	74	43515	3592.5	-0.81	0.04
					1	99						1	0			-0.81	0.04
					100	0						75	0			10.26	11.11
	CA_42C (Part 96)	42	15	256QAM	1	0	43165	3557.5	42	20	256QAM	1	99	43336	3574.6	-0.89	-0.04
					1	74						1	0			-0.82	0.03
					75	0						100	0			10.37	11.22
		42	15	256QAM	1	0	43243	3565.3	42	20	256QAM	1	99	43414	3582.4	-0.80	0.05
					1	74						1	0			-0.78	0.07
					75	0						100	0			10.33	11.18
		42	15	256QAM	1	0	43319	3572.9	42	20	256QAM	1	99	43490	3590	-0.83	0.02
					1	74						1	0			-0.86	-0.01
					75	0						100	0			10.31	11.16
	CA_42C (Part 96)	42	20	256QAM	1	0	43190	3560	42	10	256QAM	1	49	43334	43140	-0.80	0.05
					1	99						1	0			-0.74	0.11
					100	0						50	0			10.39	11.24
		42	20	256QAM	1	0	43291	3570.1	42	10	256QAM	1	49	43435	43246	-0.71	0.14
					1	99						1	0			-0.73	0.12
					100	0						50	0			10.37	11.22
		42	20	256QAM	1	0	43396	3580.6	42	10	256QAM	1	49	43540	43346	-0.72	0.13
					1	99						1	0			-0.80	0.05
					100	0						50	0			10.26	11.11

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_42C (Part 96)	42	10	256QAM	1	0	43140	3555	42	20	256QAM	1	99	43284	3569.4	-0.84	0.01
					1	49						1	0			-0.83	0.02
					50	0						100	0			10.36	11.21
		42	10	256QAM	1	0	43246	3565.6	42	20	256QAM	1	99	43390	3580	-0.79	0.06
					1	49						1	0			-0.80	0.05
					50	0						100	0			10.40	11.25
		42	10	256QAM	1	0	43346	3575.6	42	20	256QAM	1	99	43490	3590	-0.79	0.06
					1	49						1	0			-0.85	0.00
					50	0						100	0			10.28	11.13
	CA_42C (Part 96)	42	20	256QAM	1	0	43190	3560	42	5	256QAM	1	24	43307	3571.7	-0.84	0.01
					1	99						1	0			-0.79	0.06
					100	0						25	0			10.37	11.22
		42	20	256QAM	1	0	43315	3572.5	42	5	256QAM	1	24	43432	3584.2	-0.76	0.09
					1	99						1	0			-0.77	0.08
					100	0						25	0			10.32	11.17
		42	20	256QAM	1	0	43448	3585.8	42	5	256QAM	1	24	43565	3597.5	-0.76	0.09
					1	99						1	0			-0.80	0.05
					100	0						25	0			10.26	11.11
	CA_42C (Part 96)	42	5	256QAM	1	0	43115	3552.5	42	20	256QAM	1	99	43232	3564.2	-0.83	0.02
					1	24						1	0			-0.81	0.04
					25	0						100	0			10.39	11.24
		42	5	256QAM	1	0	43248	3565.8	42	20	256QAM	1	99	43365	3577.5	-0.76	0.09
					1	24						1	0			-0.81	0.04
					25	0						100	0			10.35	11.20
		42	5	256QAM	1	0	43373	3578.3	42	20	256QAM	1	99	43490	3590	-0.82	0.03
					1	24						1	0			-0.85	0.00
					25	0						100	0			10.27	11.12

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

7.1.8 LTE Band 43C

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_43C (Part 96)	43	20	QPSK	1	0	43690	3610	43	20	QPSK	1	99	43888	3629.8	0.97	1.82
					1	99						1	0			0.98	1.83
					100	0						100	0			11.04	11.89
		43	20	QPSK	1	0	43991	3640.1	43	20	QPSK	1	99	44189	3659.9	0.95	1.80
					1	99						1	0			1.04	1.89
					100	0						100	0			11.06	11.91
		43	20	QPSK	1	0	44292	3670.2	43	20	QPSK	1	99	44490	3690	1.00	1.85
					1	99						1	0			0.99	1.84
					100	0						100	0			11.10	11.95
	CA_43C (Part 96)	43	15	QPSK	1	0	43665	3607.5	43	20	QPSK	1	99	43836	3624.6	0.84	1.69
					1	74						1	0			0.87	1.72
					75	0						100	0			11.01	11.86
		43	15	QPSK	1	0	43993	3640.3	43	20	QPSK	1	99	44164	3657.4	0.80	1.65
					1	74						1	0			0.92	1.77
					75	0						100	0			10.97	11.82
		43	15	QPSK	1	0	44319	3672.9	43	20	QPSK	1	99	44490	3690	0.93	1.78
					1	74						1	0			0.86	1.71
					75	0						100	0			11.08	11.93
	CA_43C (Part 96)	43	10	QPSK	1	0	43640	3605	43	20	QPSK	1	99	43784	3619.4	0.88	1.73
					1	49						1	0			0.84	1.69
					50	0						100	0			10.95	11.80
		43	10	QPSK	1	0	43996	3640.6	43	20	QPSK	1	99	44140	3655	0.87	1.72
					1	49						1	0			0.90	1.75
					50	0						100	0			10.96	11.81
		43	10	QPSK	1	0	44346	3675.6	43	20	QPSK	1	99	44490	3690	0.94	1.79
					1	49						1	0			0.88	1.73
					50	0						100	0			11.09	11.94
	CA_43C (Part 96)	43	5	QPSK	1	0	43615	3602.5	43	20	QPSK	1	99	43732	3614.2	0.92	1.77
					1	24						1	0			0.87	1.72
					25	0						100	0			10.93	11.78
		43	5	QPSK	1	0	43998	3640.8	43	20	QPSK	1	99	44115	3652.5	0.84	1.69
					1	24						1	0			0.94	1.79
					25	0						100	0			10.94	11.79
		43	5	QPSK	1	0	44373	3678.3	43	20	QPSK	1	99	44490	3690	0.85	1.70
					1	24						1	0			0.89	1.74
					25	0						100	0			11.08	11.93

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_43C (Part 96)	43	20	16QAM	1	0	43690	3610	43	20	16QAM	1	99	43888	3629.8	0.81	1.66
					1	99						1	0			0.82	1.67
					100	0						100	0			10.98	11.83
		43	20	16QAM	1	0	43991	3690	43	20	16QAM	1	99	44688	3709.8	0.76	1.61
					1	99						1	0			0.83	1.68
					100	0						100	0			10.85	11.70
		43	20	16QAM	1	0	44292	3670.2	43	20	16QAM	1	99	45490	3790	0.84	1.69
					1	99						1	0			0.76	1.61
					100	0						1	0			10.99	11.84
	CA_43C (Part 96)	43	15	16QAM	1	0	43665	3607.5	43	20	16QAM	1	99	43836	3624.6	0.80	1.65
					1	74						1	0			0.73	1.58
					75	0						100	0			10.81	11.66
		43	15	16QAM	1	0	43993	3640.3	43	20	16QAM	1	99	44164	3657.4	0.73	1.58
					1	74						1	0			0.86	1.71
					75	0						100	0			10.80	11.65
		43	15	16QAM	1	0	44319	3672.9	43	20	16QAM	1	99	44490	3690	0.87	1.72
					1	74						1	0			0.77	1.62
					75	0						100	0			11.01	11.86
	CA_43C (Part 96)	43	10	16QAM	1	0	43640	3605	43	20	16QAM	1	99	43784	3619.4	0.79	1.64
					1	49						1	0			0.86	1.71
					50	0						100	0			10.91	11.76
		43	10	16QAM	1	0	43996	3640.6	43	20	16QAM	1	99	44140	3655	0.71	1.56
					1	49						1	0			0.83	1.68
					50	0						100	0			10.93	11.78
		43	10	16QAM	1	0	44346	3675.6	43	20	16QAM	1	99	44490	3690	0.81	1.66
					1	49						1	0			0.79	1.64
					50	0						100	0			11.07	11.92
	CA_43C (Part 96)	43	5	16QAM	1	0	43615	3602.5	43	20	16QAM	1	99	43732	3614.2	0.78	1.63
					1	24						1	0			0.84	1.69
					25	0						100	0			10.88	11.73
		43	5	16QAM	1	0	43998	3640.8	43	20	16QAM	1	99	44115	3652.5	0.74	1.59
					1	24						1	0			0.84	1.69
					25	0						100	0			10.88	11.73
		43	5	16QAM	1	0	44373	3678.3	43	20	16QAM	1	99	44490	3690	0.82	1.67
					1	24						1	0			0.82	1.67
					25	0						100	0			10.95	11.80

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_43C (Part 96)	43	20	64QAM	1	0	43690	3610	43	20	64QAM	1	99	43888	3629.8	0.61	1.46
					1	99						1	0			0.64	1.49
					100	0						100	0			10.79	11.64
		43	20	64QAM	1	0	44490	3690	43	20	64QAM	1	99	44688	3709.8	0.73	1.58
					1	99						1	0			0.74	1.59
					100	0						100	0			10.85	11.70
		43	20	64QAM	1	0	45292	3770.2	43	20	64QAM	1	99	45490	3790	0.77	1.62
					1	99						1	0			0.71	1.56
					100	0						1	0			10.94	11.79
	CA_43C (Part 96)	43	15	64QAM	1	0	43665	3607.5	43	20	64QAM	1	99	43836	3624.6	0.67	1.52
					1	74						1	0			0.66	1.51
					75	0						100	0			10.82	11.67
		43	15	64QAM	1	0	43993	3640.3	43	20	64QAM	1	99	44164	3657.4	0.62	1.47
					1	74						1	0			0.69	1.54
					75	0						100	0			10.81	11.66
		43	15	64QAM	1	0	44319	3672.9	43	20	64QAM	1	99	44490	3690	0.73	1.58
					1	74						1	0			0.71	1.56
					75	0						100	0			10.88	11.73
	CA_43C (Part 96)	43	10	64QAM	1	0	43640	3605	43	20	64QAM	1	99	43784	3619.4	0.63	1.48
					1	49						1	0			0.68	1.53
					50	0						100	0			10.78	11.63
		43	10	64QAM	1	0	43996	3640.6	43	20	64QAM	1	99	44140	3655	0.71	1.56
					1	49						1	0			0.77	1.62
					50	0						100	0			10.79	11.64
		43	10	64QAM	1	0	44346	3675.6	43	20	64QAM	1	99	44490	3690	0.69	1.54
					1	49						1	0			0.72	1.57
					50	0						100	0			10.87	11.72
	CA_43C (Part 96)	43	5	64QAM	1	0	43615	3602.5	43	20	64QAM	1	99	43732	3614.2	0.59	1.44
					1	24						1	0			0.74	1.59
					25	0						100	0			10.78	11.63
		43	5	64QAM	1	0	43998	3640.8	43	20	64QAM	1	99	44115	3652.5	0.61	1.46
					1	24						1	0			0.81	1.66
					25	0						100	0			10.87	11.72
		43	5	64QAM	1	0	44373	3678.3	43	20	64QAM	1	99	44490	3690	0.81	1.66
					1	24						1	0			0.70	1.55
					25	0						100	0			10.88	11.73

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_43C (Part 96)	43	20	256QAM	1	0	43690	3610	43	20	256QAM	1	99	43888	3629.8	0.62	1.47
					1	99						1	0			0.53	1.38
					100	0						100	0			10.64	11.49
		43	20	256QAM	1	0	44490	3690	43	20	256QAM	1	99	44688	3709.8	0.55	1.40
					1	99						1	0			0.68	1.53
					100	0						100	0			10.77	11.62
		43	20	256QAM	1	0	45292	3770.2	43	20	256QAM	1	99	45490	3790	0.67	1.52
					1	99						1	0			0.70	1.55
					100	0						100	0			10.81	11.66
	CA_43C (Part 96)	43	15	256QAM	1	0	43665	3607.5	43	20	256QAM	1	99	43836	3624.6	0.60	1.45
					1	74						1	0			0.55	1.40
					75	0						100	0			10.67	11.52
		43	15	256QAM	1	0	43993	3640.3	43	20	256QAM	1	99	44164	3657.4	0.59	1.44
					1	74						1	0			0.76	1.61
					75	0						100	0			10.69	11.54
		43	15	256QAM	1	0	44319	3672.9	43	20	256QAM	1	99	44490	3690	0.66	1.51
					1	74						1	0			0.57	1.42
					75	0						100	0			10.87	11.72
	CA_43C (Part 96)	43	10	256QAM	1	0	43640	3605	43	20	256QAM	1	99	43784	3619.4	0.68	1.53
					1	49						1	0			0.53	1.38
					50	0						100	0			10.66	11.51
		43	10	256QAM	1	0	43996	3640.6	43	20	256QAM	1	99	44140	3655	0.56	1.41
					1	49						1	0			0.69	1.54
					50	0						100	0			10.63	11.48
		43	10	256QAM	1	0	44346	3675.6	43	20	256QAM	1	99	44490	3690	0.65	1.50
					1	49						1	0			0.63	1.48
					50	0						100	0			10.87	11.72
	CA_43C (Part 96)	43	5	256QAM	1	0	43615	3602.5	43	20	256QAM	1	99	43732	3614.2	0.67	1.52
					1	24						1	0			0.73	1.58
					25	0						100	0			10.62	11.47
		43	5	256QAM	1	0	43998	3640.8	43	20	256QAM	1	99	44115	3652.5	0.49	1.34
					1	24						1	0			0.65	1.50
					25	0						100	0			10.58	11.43
		43	5	256QAM	1	0	44373	3678.3	43	20	256QAM	1	99	44490	3690	0.63	1.48
					1	24						1	0			0.64	1.49
					25	0						100	0			10.86	11.71

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

7.1.9 LTE Band 48C

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_48C	48	20	QPSK	1	0	55340	3560	48	20	QPSK	1	99	55538	3579.8	-0.29	0.56
					1	99						1	0			-0.27	0.58
					100	0						100	0			10.90	11.75
		48	20	QPSK	1	0	55891	3615.1	48	20	QPSK	1	99	56089	3634.9	-0.24	0.61
					1	99						100	0			-0.49	0.36
					100	0						1	0			10.84	11.69
		48	20	QPSK	1	0	56442	3670.2	48	20	QPSK	1	99	56640	3690	-0.14	0.71
					1	99						1	0			-0.31	0.54
					100	0						100	0			10.91	11.76
	CA_48C	48	20	QPSK	1	0	55340	3560	48	15	QPSK	1	74	55511	3577.1	-0.41	0.44
					1	99						1	0			-0.41	0.44
					100	0						75	0			10.80	11.65
		48	20	QPSK	1	0	55916	3617.6	48	15	QPSK	1	74	56087	3634.7	-0.32	0.53
					1	99						1	0			-0.63	0.22
					100	0						75	0			10.79	11.64
		48	20	QPSK	1	0	56491	3675.1	48	15	QPSK	1	74	56662	3692.2	-0.27	0.58
					1	99						1	0			-0.44	0.41
					100	0						75	0			10.83	11.68
	CA_48C	48	15	QPSK	1	0	55318	3557.8	48	20	QPSK	1	99	55489	3574.9	-0.40	0.45
					1	74						1	0			-0.38	0.47
					75	0						100	0			10.86	11.71
		48	15	QPSK	1	0	55893	3615.3	48	20	QPSK	1	99	56064	3632.4	-0.32	0.53
					1	74						1	0			-0.57	0.28
					75	0						100	0			10.74	11.59
		48	15	QPSK	1	0	56469	3672.9	48	20	QPSK	1	99	56640	3690	-0.23	0.62
					1	74						1	0			-0.42	0.43
					75	0						100	0			10.83	11.68
	CA_48C	48	20	QPSK	1	0	55340	3560	48	10	QPSK	1	49	55484	3574.4	-0.41	0.44
					1	99						1	0			-0.37	0.48
					100	0						50	0			10.80	11.65
		48	20	QPSK	1	0	55941	3620.1	48	10	QPSK	1	49	56085	3634.5	-0.34	0.51
					1	99						1	0			-0.53	0.32
					100	0						50	0			10.78	11.63
		48	20	QPSK	1	0	56541	3680.1	48	10	QPSK	1	49	56685	3694.5	-0.26	0.59
					1	99						1	0			-0.35	0.50
					100	0						50	0			10.85	11.70

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_48C	48	10	QPSK	1	0	55295	3555.5	48	20	QPSK	1	99	55439	3569.9	-0.38	0.47
					1	49						1	0			-0.35	0.50
					50	0						100	0			10.78	11.63
		48	10	QPSK	1	0	55896	3615.6	48	20	QPSK	1	99	56040	3630	-0.30	0.55
					1	49						1	0			-0.60	0.25
					50	0						100	0			10.75	11.60
		48	10	QPSK	1	0	56496	3675.6	48	20	QPSK	1	99	56640	3690	-0.24	0.61
					1	49						1	0			-0.39	0.46
					50	0						100	0			10.83	11.68
	CA_48C	48	20	QPSK	1	0	55340	3560	48	5	QPSK	1	24	55457	3571.7	-0.34	0.51
					1	99						1	0			-0.30	0.55
					100	0						25	0			10.78	11.63
		48	20	QPSK	1	0	55965	3622.5	48	5	QPSK	1	4	56082	3634.2	-0.31	0.54
					1	99						1	0			-0.57	0.28
					100	0						25	0			10.72	11.57
		48	20	QPSK	1	0	56590	3685	48	5	QPSK	1	24	56707	3696.7	-0.23	0.62
					1	99						1	0			-0.43	0.42
					100	0						25	0			10.82	11.67
	CA_48C	48	5	QPSK	1	0	55273	3553.3	48	20	QPSK	1	99	55390	3565	-0.42	0.43
					1	24						1	0			-0.36	0.49
					25	0						100	0			10.87	11.72
		48	5	QPSK	1	0	55898	3615.8	48	20	QPSK	1	99	56015	3627.5	-0.32	0.53
					1	24						1	0			-0.56	0.29
					25	0						100	0			10.77	11.62
		48	5	QPSK	1	0	56523	3678.3	48	20	QPSK	1	99	56640	3690	-0.26	0.59
					1	24						1	0			-0.43	0.42
					25	0						100	0			10.82	11.67

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_48C	48	20	16QAM	1	0	55340	3560	48	20	16QAM	1	99	55538	3579.8	-0.57	0.28
					1	99						1	0			-0.51	0.34
					100	0						100	0			10.84	11.69
		48	20	16QAM	1	0	55891	3615.1	48	20	16QAM	1	99	56089	3634.9	-0.44	0.41
					1	99						100	0			-0.19	0.66
					100	0						1	0			10.78	11.63
		48	20	16QAM	1	0	56442	3670.2	48	20	16QAM	1	99	56640	3690	-0.28	0.57
					1	99						1	0			-0.42	0.43
					100	0						100	0			10.74	11.59
	CA_48C	48	20	16QAM	1	0	55340	3560	48	15	16QAM	1	74	55511	3577.1	-0.66	0.19
					1	99						1	0			-0.64	0.21
					100	0						75	0			10.77	11.62
		48	20	16QAM	1	0	55916	3617.6	48	15	16QAM	1	74	56087	3634.7	-0.57	0.28
					1	99						1	0			-0.33	0.52
					100	0						75	0			10.65	11.50
		48	20	16QAM	1	0	56491	3675.1	48	15	16QAM	1	74	56662	3692.2	-0.41	0.44
					1	99						1	0			-0.51	0.34
					100	0						75	0			10.67	11.52
	CA_48C	48	15	16QAM	1	0	55318	3557.8	48	20	16QAM	1	99	55489	3574.9	-0.65	0.20
					1	74						1	0			-0.59	0.26
					75	0						100	0			10.75	11.60
		48	15	16QAM	1	0	55893	3615.3	48	20	16QAM	1	99	56064	3632.4	-0.56	0.29
					1	74						1	0			-0.34	0.51
					75	0						100	0			10.70	11.55
		48	15	16QAM	1	0	56469	3672.9	48	20	16QAM	1	99	56640	3690	-0.38	0.47
					1	74						1	0			-0.49	0.36
					75	0						100	0			10.66	11.51
	CA_48C	48	20	16QAM	1	0	55340	3560	48	10	16QAM	1	49	55484	3574.4	-0.67	0.18
					1	99						1	0			-0.59	0.26
					100	0						50	0			10.78	11.63
		48	20	16QAM	1	0	55941	3620.1	48	10	16QAM	1	49	56085	3634.5	-0.52	0.33
					1	99						1	0			-0.27	0.58
					100	0						50	0			10.75	11.60
		48	20	16QAM	1	0	56541	3680.1	48	10	16QAM	1	49	56685	3694.5	-0.39	0.46
					1	99						1	0			-0.50	0.35
					100	0						50	0			10.62	11.47

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_48C	48	10	16QAM	1	0	55295	3555.5	48	20	16QAM	1	99	55439	3569.9	-0.66	0.19
					1	49						1	0			-0.59	0.26
					50	0						100	0			10.72	11.57
		48	10	16QAM	1	0	55896	3615.6	48	20	16QAM	1	99	56040	3630	-0.53	0.32
					1	49						1	0			-0.33	0.52
					50	0						100	0			10.73	11.58
		48	10	16QAM	1	0	56496	3675.6	48	20	16QAM	1	99	56640	3690	-0.37	0.48
					1	49						1	0			-0.53	0.32
					50	0						100	0			10.68	11.53
	CA_48C	48	20	16QAM	1	0	55340	3560	48	5	16QAM	1	24	55457	3571.7	-0.71	0.14
					1	99						1	0			-0.60	0.25
					100	0						25	0			10.70	11.55
		48	20	16QAM	1	0	55965	3622.5	48	5	16QAM	1	4	56082	3634.2	-0.52	0.33
					1	99						1	0			-0.24	0.61
					100	0						25	0			10.68	11.53
		48	20	16QAM	1	0	56590	3685	48	5	16QAM	1	24	56707	3696.7	-0.36	0.49
					1	99						1	0			-0.52	0.33
					100	0						25	0			10.64	11.49
	CA_48C	48	5	16QAM	1	0	55273	3553.3	48	20	16QAM	1	99	55390	3565	-0.66	0.19
					1	24						1	0			-0.62	0.23
					25	0						100	0			10.80	11.65
		48	5	16QAM	1	0	55898	3615.8	48	20	16QAM	1	99	56015	3627.5	-0.51	0.34
					1	24						1	0			-0.26	0.59
					25	0						100	0			10.67	11.52
		48	5	16QAM	1	0	56523	3678.3	48	20	16QAM	1	99	56640	3690	-0.34	0.51
					1	24						1	0			-0.56	0.29
					25	0						100	0			10.63	11.48

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_48C	48	20	64QAM	1	0	55340	3560	48	20	64QAM	1	99	55538	3579.8	-0.24	0.61
					1	99						1	0			-0.28	0.57
					100	0						100	0			10.52	11.37
		48	20	64QAM	1	0	55891	3615.1	48	20	64QAM	1	99	56089	3634.9	-0.22	0.63
					1	99						100	0			-0.22	0.63
					100	0						1	0			10.56	11.41
		48	20	64QAM	1	0	56442	3670.2	48	20	64QAM	1	99	56640	3690	-0.43	0.42
					1	99						1	0			-0.22	0.63
					100	0						100	0			10.62	11.47
	CA_48C	48	20	64QAM	1	0	55340	3560	48	15	64QAM	1	74	55511	3577.1	-0.38	0.47
					1	99						1	0			-0.32	0.53
					100	0						75	0			10.46	11.31
		48	20	64QAM	1	0	55916	3617.6	48	15	64QAM	1	74	56087	3634.7	-0.37	0.48
					1	99						1	0			-0.34	0.51
					100	0						75	0			10.50	11.35
		48	20	64QAM	1	0	56491	3675.1	48	15	64QAM	1	74	56662	3692.2	-0.51	0.34
					1	99						1	0			-0.26	0.59
					100	0						75	0			10.48	11.33
	CA_48C	48	15	64QAM	1	0	55318	3557.8	48	20	64QAM	1	99	55489	3574.9	-0.32	0.53
					1	74						1	0			-0.36	0.49
					75	0						100	0			10.46	11.31
		48	15	64QAM	1	0	55893	3615.3	48	20	64QAM	1	99	56064	3632.4	-0.29	0.56
					1	74						1	0			-0.33	0.52
					75	0						100	0			10.51	11.36
		48	15	64QAM	1	0	56469	3672.9	48	20	64QAM	1	99	56640	3690	-0.52	0.33
					1	74						1	0			-0.34	0.51
					75	0						100	0			10.52	11.37
	CA_48C	48	20	64QAM	1	0	55340	3560	48	10	64QAM	1	49	55484	3574.4	-0.40	0.45
					1	99						1	0			-0.36	0.49
					100	0						50	0			10.46	11.31
		48	20	64QAM	1	0	55941	3620.1	48	10	64QAM	1	49	56085	3634.5	-0.29	0.56
					1	99						1	0			-0.30	0.55
					100	0						50	0			10.43	11.28
		48	20	64QAM	1	0	56541	3680.1	48	10	64QAM	1	49	56685	3694.5	-0.52	0.33
					1	99						1	0			-0.32	0.53
					100	0						50	0			10.56	11.41

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_48C	48	10	64QAM	1	0	55295	3555.5	48	20	64QAM	1	99	55439	3569.9	-0.31	0.54
					1	49						1	0			-0.39	0.46
					50	0						100	0			10.43	11.28
		48	10	64QAM	1	0	55896	3615.6	48	20	64QAM	1	99	56040	3630	-0.28	0.57
					1	49						1	0			-0.27	0.58
					50	0						100	0			10.43	11.28
		48	10	64QAM	1	0	56496	3675.6	48	20	64QAM	1	99	56640	3690	-0.54	0.31
					1	49						1	0			-0.30	0.55
					50	0						100	0			10.53	11.38
	CA_48C	48	20	64QAM	1	0	55340	3560	48	5	64QAM	1	24	55457	3571.7	-0.31	0.54
					1	99						1	0			-0.37	0.48
					100	0						25	0			10.44	11.29
		48	20	64QAM	1	0	55965	3622.5	48	5	64QAM	1	4	56082	3634.2	-0.33	0.52
					1	99						1	0			-0.26	0.59
					100	0						25	0			10.50	11.35
		48	20	64QAM	1	0	56590	3685	48	5	64QAM	1	24	56707	3696.7	-0.54	0.31
					1	99						1	0			-0.30	0.55
					100	0						25	0			10.56	11.41
	CA_48C	48	5	64QAM	1	0	55273	3553.3	48	20	64QAM	1	99	55390	3565	-0.36	0.49
					1	24						1	0			-0.37	0.48
					25	0						100	0			10.48	11.33
		48	5	64QAM	1	0	55898	3615.8	48	20	64QAM	1	99	56015	3627.5	-0.32	0.53
					1	24						1	0			-0.30	0.55
					25	0						100	0			10.48	11.33
		48	5	64QAM	1	0	56523	3678.3	48	20	64QAM	1	99	56640	3690	-0.52	0.33
					1	24						1	0			-0.33	0.52
					25	0						100	0			10.51	11.36

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_48C	48	20	256QAM	1	0	55340	3560	48	20	256QAM	1	99	55538	3579.8	-0.27	0.58
					1	99						1	0			-0.41	0.44
					100	0						100	0			10.42	11.27
		48	20	256QAM	1	0	55891	3615.1	48	20	256QAM	1	99	56089	3634.9	-0.40	0.45
					1	99						100	0			-0.42	0.43
					100	0						1	0			10.37	11.22
		48	20	256QAM	1	0	56442	3670.2	48	20	256QAM	1	99	56640	3690	-0.43	0.42
					1	99						1	0			-0.30	0.55
					100	0						100	0			10.37	11.22
	CA_48C	48	20	256QAM	1	0	55340	3560	48	15	256QAM	1	74	55511	3577.1	-0.33	0.52
					1	99						1	0			-0.48	0.37
					100	0						75	0			10.35	11.20
		48	20	256QAM	1	0	55916	3617.6	48	15	256QAM	1	74	56087	3634.7	-0.51	0.34
					1	99						1	0			-0.51	0.34
					100	0						75	0			10.30	11.15
		48	20	256QAM	1	0	56491	3675.1	48	15	256QAM	1	74	56662	3692.2	-0.53	0.32
					1	99						1	0			-0.41	0.44
					100	0						75	0			10.25	11.10
	CA_48C	48	15	256QAM	1	0	55318	3557.8	48	20	256QAM	1	99	55489	3574.9	-0.30	0.55
					1	74						1	0			-0.52	0.33
					75	0						100	0			10.33	11.18
		48	15	256QAM	1	0	55893	3615.3	48	20	256QAM	1	99	56064	3632.4	-0.49	0.36
					1	74						1	0			-0.55	0.30
					75	0						100	0			10.30	11.15
		48	15	256QAM	1	0	56469	3672.9	48	20	256QAM	1	99	56640	3690	-0.53	0.32
					1	74						1	0			-0.38	0.47
					75	0						100	0			10.26	11.11
	CA_48C	48	20	256QAM	1	0	55340	3560	48	10	256QAM	1	49	55484	3574.4	-0.39	0.46
					1	99						1	0			-0.52	0.33
					100	0						50	0			10.35	11.20
		48	20	256QAM	1	0	55941	3620.1	48	10	256QAM	1	49	56085	3634.5	-0.56	0.29
					1	99						1	0			-0.50	0.35
					100	0						50	0			10.29	11.14
		48	20	256QAM	1	0	56541	3680.1	48	10	256QAM	1	49	56685	3694.5	-0.55	0.30
					1	99						1	0			-0.39	0.46
					100	0						50	0			10.30	11.15

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_48C	48	10	256QAM	1	0	55295	3555.5	48	20	256QAM	1	99	55439	3569.9	-0.37	0.48
					1	49						1	0			-0.53	0.32
					50	0						100	0			10.29	11.14
		48	10	256QAM	1	0	55896	3615.6	48	20	256QAM	1	99	56040	3630	-0.49	0.36
					1	49						1	0			-0.52	0.33
					50	0						100	0			10.29	11.14
		48	10	256QAM	1	0	56496	3675.6	48	20	256QAM	1	99	56640	3690	-0.48	0.37
					1	49						1	0			-0.36	0.49
					50	0						100	0			10.28	11.13
	CA_48C	48	20	256QAM	1	0	55340	3560	48	5	256QAM	1	24	55457	3571.7	-0.38	0.47
					1	99						1	0			-0.53	0.32
					100	0						25	0			10.34	11.19
		48	20	256QAM	1	0	55965	3622.5	48	5	256QAM	1	4	56082	3634.2	-0.44	0.41
					1	99						1	0			-0.55	0.30
					100	0						25	0			10.23	11.08
		48	20	256QAM	1	0	56590	3685	48	5	256QAM	1	24	56707	3696.7	-0.52	0.33
					1	99						1	0			-0.44	0.41
					100	0						25	0			10.33	11.18
	CA_48C	48	5	256QAM	1	0	55273	3553.3	48	20	256QAM	1	99	55390	3565	-0.39	0.46
					1	24						1	0			-0.50	0.35
					25	0						100	0			10.32	11.17
		48	5	256QAM	1	0	55898	3615.8	48	20	256QAM	1	99	56015	3627.5	-0.46	0.39
					1	24						1	0			-0.52	0.33
					25	0						100	0			10.22	11.07
		48	5	256QAM	1	0	56523	3678.3	48	20	256QAM	1	99	56640	3690	-0.52	0.33
					1	24						1	0			-0.39	0.46
					25	0						100	0			10.30	11.15

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

7.1.10 LTE Band 66B

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_66B	66	10	QPSK	1	0	132022	1715	66	10	QPSK	1	49	132121	1724.9	18.56	20.86
					1	49						1	0			22.21	24.51
					50	0						50	0			20.31	22.61
		66	10	QPSK	1	0	132373	1750.1	66	10	QPSK	1	49	132472	1760	18.39	20.69
					1	49						50	0			22.23	24.53
					50	0						1	0			20.18	22.48
		66	10	QPSK	1	0	132523	1765.1	66	10	QPSK	1	49	132622	1775	18.29	20.59
					1	49						1	0			22.19	24.49
					50	0						50	0			20.15	22.45
	CA_66B	66	15	QPSK	1	0	132047	1717.5	66	5	QPSK	1	24	132140	1726.8	18.47	20.77
					1	74						1	0			22.15	24.45
					75	0						25	0			20.15	22.45
		66	15	QPSK	1	0	132398	1752.6	66	5	QPSK	1	24	132491	1761.9	18.31	20.61
					1	74						1	0			22.08	24.38
					75	0						25	0			20.19	22.49
		66	15	QPSK	1	0	132549	1767.7	66	5	QPSK	1	24	132642	1777	18.20	20.50
					1	74						1	0			22.08	24.38
					75	0						25	0			20.00	22.30
	CA_66B	66	5	QPSK	1	0	132002	1713	66	15	QPSK	1	74	132095	1722.3	18.46	20.76
					1	24						1	0			22.13	24.43
					25	0						75	0			20.20	22.50
		66	5	QPSK	1	0	132353	1748.1	66	15	QPSK	1	74	132446	1757.4	18.28	20.58
					1	24						1	0			22.12	24.42
					25	0						75	0			20.14	22.44
		66	5	QPSK	1	0	132504	1763.2	66	15	QPSK	1	74	132597	1772.5	18.22	20.52
					1	24						1	0			22.13	24.43
					25	0						75	0			20.11	22.41
	CA_66B	66	10	QPSK	1	0	132022	1715	66	5	QPSK	1	24	132094	1722.2	18.42	20.72
					1	49						1	0			22.12	24.42
					50	0						25	0			20.20	22.50
		66	10	QPSK	1	0	132397	1752.5	66	5	QPSK	1	24	132469	1759.7	18.29	20.59
					1	49						1	0			22.12	24.42
					50	0						25	0			20.15	22.45
		66	10	QPSK	1	0	132572	1770	66	5	QPSK	1	24	132644	1777.2	18.23	20.53
					1	49						1	0			22.11	24.41
					50	0						25	0			20.06	22.36
	CA_66B	66	5	QPSK	1	0	132000	1712.8	66	10	QPSK	1	49	132072	1720	18.47	20.77
					1	24						1	0			22.17	24.47
					25	0						50	0			20.19	22.49
		66	5	QPSK	1	0	132375	1750	66	10	QPSK	1	49	132447	1757.5	18.36	20.66
					1	24						1	0			22.13	24.43
					25	0						50	0			20.15	22.45
		66	5	QPSK	1	0	132550	1767.8	66	10	QPSK	1	49	132622	1775	18.17	20.47
					1	24						1	0			22.13	24.43
					25	0						50	0			20.02	22.32
	CA_66B	66	5	QPSK	1	0	131997	1712.5	66	5	QPSK	1	24	132045	1717.3	18.50	20.80
					1	24						1	0			22.10	24.40
					25	0						25	0			20.24	22.54
		66	5	QPSK	1	0	132398	1752.6	66	5	QPSK	1	4	132446	1757.4	18.37	20.67
					1	24						1	0			22.14	24.44
					25	0						25	0			20.11	22.41
		66	5	QPSK	1	0	132599	1772.7	66	5	QPSK	1	24	132647	1777.5	18.18	20.48
					1	24						1	0			22.11	24.41
					25	0						25	0			20.08	22.38

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_66B	66	10	16QAM	1	0	132022	1715	66	10	16QAM	1	49	132121	1724.9	17.91	20.21
					1	49						1	0			21.58	23.88
					50	0						50	0			19.62	21.92
		66	10	16QAM	1	0	132373	1750.1	66	10	16QAM	1	49	132472	1760	17.78	20.08
					1	49						50	0			21.55	23.85
					50	0						1	0			19.56	21.86
		66	10	16QAM	1	0	132523	1765.1	66	10	16QAM	1	49	132622	1775	17.75	20.05
					1	49						1	0			21.30	23.60
					50	0						50	0			19.41	21.71
	CA_66B	66	15	16QAM	1	0	132047	1717.5	66	5	16QAM	1	24	132140	1726.8	17.81	20.11
					1	74						1	0			21.51	23.81
					75	0						25	0			19.55	21.85
		66	15	16QAM	1	0	132398	1752.6	66	5	16QAM	1	24	132491	1761.9	17.69	19.99
					1	74						1	0			21.47	23.77
					75	0						25	0			19.47	21.77
		66	15	16QAM	1	0	132549	1767.7	66	5	16QAM	1	24	132642	1777	17.66	19.96
					1	74						1	0			21.26	23.56
					75	0						25	0			19.32	21.62
	CA_66B	66	5	16QAM	1	0	132002	1713	66	15	16QAM	1	74	132095	1722.3	17.83	20.13
					1	24						1	0			21.48	23.78
					25	0						75	0			19.60	21.90
		66	5	16QAM	1	0	132353	1748.1	66	15	16QAM	1	74	132446	1757.4	17.70	20.00
					1	24						1	0			21.41	23.71
					25	0						75	0			19.48	21.78
		66	5	16QAM	1	0	132504	1763.2	66	15	16QAM	1	74	132597	1772.5	17.70	20.00
					1	24						1	0			21.20	23.50
					25	0						75	0			19.32	21.62
	CA_66B	66	10	16QAM	1	0	132022	1715	66	5	16QAM	1	24	132094	1722.2	17.80	20.10
					1	49						1	0			21.48	23.78
					50	0						25	0			19.58	21.88
		66	10	16QAM	1	0	132397	1752.5	66	5	16QAM	1	24	132469	1759.7	17.65	19.95
					1	49						1	0			21.49	23.79
					50	0						25	0			19.47	21.77
		66	10	16QAM	1	0	132572	1770	66	5	16QAM	1	24	132644	1777.2	17.72	20.02
					1	49						1	0			21.23	23.53
					50	0						25	0			19.33	21.63
	CA_66B	66	5	16QAM	1	0	132000	1712.8	66	10	16QAM	1	49	132072	1720	17.85	20.15
					1	24						1	0			21.47	23.77
					25	0						50	0			19.60	21.90
		66	5	16QAM	1	0	132375	1750	66	10	16QAM	1	49	132447	1757.5	17.64	19.94
					1	24						1	0			21.48	23.78
					25	0						50	0			19.42	21.72
		66	5	16QAM	1	0	132550	1767.8	66	10	16QAM	1	49	132622	1775	17.69	19.99
					1	24						1	0			21.21	23.51
					25	0						50	0			19.35	21.65
	CA_66B	66	5	16QAM	1	0	131997	1712.5	66	5	16QAM	1	24	132045	1717.3	17.82	20.12
					1	24						1	0			21.49	23.79
					25	0						25	0			19.60	21.90
		66	5	16QAM	1	0	132398	1752.6	66	5	16QAM	1	4	132446	1757.4	17.65	19.95
					1	24						1	0			21.41	23.71
					25	0						25	0			19.47	21.77
		66	5	16QAM	1	0	132599	1772.7	66	5	16QAM	1	24	132647	1777.5	17.71	20.01
					1	24						1	0			21.22	23.52
					25	0						25	0			19.35	21.65

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_66B	66	10	64QAM	1	0	132022	1715	66	10	64QAM	1	49	132121	1724.9	16.82	19.12
					1	49						1	0			20.40	22.70
					50	0						50	0			18.52	20.82
		66	10	64QAM	1	0	132373	1750.1	66	10	64QAM	1	49	132472	1760	16.68	18.98
					1	49						50	0			20.22	22.52
					50	0						1	0			18.37	20.67
		66	10	64QAM	1	0	132523	1765.1	66	10	64QAM	1	49	132622	1775	16.54	18.84
					1	49						1	0			20.28	22.58
					50	0						50	0			18.33	20.63
	CA_66B	66	15	64QAM	1	0	132047	1717.5	66	5	64QAM	1	24	132140	1726.8	16.78	19.08
					1	74						1	0			20.31	22.61
					75	0						25	0			18.49	20.79
		66	15	64QAM	1	0	132398	1752.6	66	5	64QAM	1	24	132491	1761.9	16.58	18.88
					1	74						1	0			20.11	22.41
					75	0						25	0			18.19	20.49
		66	15	64QAM	1	0	132549	1767.7	66	5	64QAM	1	24	132642	1777	16.45	18.75
					1	74						1	0			20.15	22.45
					75	0						25	0			18.18	20.48
	CA_66B	66	5	64QAM	1	0	132002	1713	66	15	64QAM	1	74	132095	1722.3	16.75	19.05
					1	24						1	0			20.27	22.57
					25	0						75	0			18.45	20.75
		66	5	64QAM	1	0	132353	1748.1	66	15	64QAM	1	74	132446	1757.4	16.60	18.90
					1	24						1	0			20.15	22.45
					25	0						75	0			18.34	20.64
		66	5	64QAM	1	0	132504	1763.2	66	15	64QAM	1	74	132597	1772.5	16.46	18.76
					1	24						1	0			20.19	22.49
					25	0						75	0			18.23	20.53
	CA_66B	66	10	64QAM	1	0	132022	1715	66	5	64QAM	1	24	132094	1722.2	16.75	19.05
					1	49						1	0			20.33	22.63
					50	0						25	0			18.45	20.75
		66	10	64QAM	1	0	132397	1752.5	66	5	64QAM	1	24	132469	1759.7	16.54	18.84
					1	49						1	0			20.15	22.45
					50	0						25	0			18.31	20.61
		66	10	64QAM	1	0	132572	1770	66	5	64QAM	1	24	132644	1777.2	16.45	18.75
					1	49						1	0			20.20	22.50
					50	0						25	0			18.27	20.57
	CA_66B	66	5	64QAM	1	0	132000	1712.8	66	10	64QAM	1	49	132072	1720	16.70	19.00
					1	24						1	0			20.35	22.65
					25	0						50	0			18.38	20.68
		66	5	64QAM	1	0	132375	1750	66	10	64QAM	1	49	132447	1757.5	16.60	18.90
					1	24						1	0			20.11	22.41
					25	0						50	0			18.26	20.56
		66	5	64QAM	1	0	132550	1767.8	66	10	64QAM	1	49	132622	1775	16.45	18.75
					1	24						1	0			20.20	22.50
					25	0						50	0			18.25	20.55
	CA_66B	66	5	64QAM	1	0	131997	1712.5	66	5	64QAM	1	24	132045	1717.3	16.74	19.04
					1	24						1	0			20.33	22.63
					25	0						25	0			18.38	20.68
		66	5	64QAM	1	0	132398	1752.6	66	5	64QAM	1	4	132446	1757.4	16.54	18.84
					1	24						1	0			20.15	22.45
					25	0						25	0			18.26	20.56
		66	5	64QAM	1	0	132599	1772.7	66	5	64QAM	1	24	132647	1777.5	16.45	18.75
					1	24						1	0			20.21	22.51
					25	0						25	0			18.27	20.57

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_66B	66	10	256QAM	1	0	132022	1715	66	10	256QAM	1	49	132121	1724.9	13.95	16.25
					1	49						1	0			17.60	19.90
					50	0						50	0			15.65	17.95
		66	10	256QAM	1	0	132373	1750.1	66	10	256QAM	1	49	132472	1760	13.96	16.26
					1	49						50	0			17.48	19.78
					50	0						1	0			15.65	17.95
		66	10	256QAM	1	0	132523	1765.1	66	10	256QAM	1	49	132622	1775	13.87	16.17
					1	49						1	0			17.43	19.73
					50	0						50	0			15.57	17.87
	CA_66B	66	15	256QAM	1	0	132047	1717.5	66	5	256QAM	1	24	132140	1726.8	13.95	16.25
					1	74						1	0			17.60	19.90
					75	0						25	0			15.66	17.96
		66	15	256QAM	1	0	132398	1752.6	66	5	256QAM	1	24	132491	1761.9	13.96	16.26
					1	74						1	0			17.48	19.78
					75	0						25	0			15.62	17.92
		66	15	256QAM	1	0	132549	1767.7	66	5	256QAM	1	24	132642	1777	13.87	16.17
					1	74						1	0			17.43	19.73
					75	0						25	0			15.52	17.82
	CA_66B	66	5	256QAM	1	0	132002	1713	66	15	256QAM	1	74	132095	1722.3	13.95	16.25
					1	24						1	0			17.60	19.90
					25	0						75	0			15.70	18.00
		66	5	256QAM	1	0	132353	1748.1	66	15	256QAM	1	74	132446	1757.4	13.96	16.26
					1	24						1	0			17.48	19.78
					25	0						75	0			15.64	17.94
		66	5	256QAM	1	0	132504	1763.2	66	15	256QAM	1	74	132597	1772.5	13.87	16.17
					1	24						1	0			17.43	19.73
					25	0						75	0			15.53	17.83
	CA_66B	66	10	256QAM	1	0	132022	1715	66	5	256QAM	1	24	132094	1722.2	13.95	16.25
					1	49						1	0			17.60	19.90
					50	0						25	0			15.66	17.96
		66	10	256QAM	1	0	132397	1752.5	66	5	256QAM	1	24	132469	1759.7	13.96	16.26
					1	49						1	0			17.48	19.78
					50	0						25	0			15.63	17.93
		66	10	256QAM	1	0	132572	1770	66	5	256QAM	1	24	132644	1777.2	13.87	16.17
					1	49						1	0			17.43	19.73
					50	0						25	0			15.55	17.85
	CA_66B	66	5	256QAM	1	0	132000	1712.8	66	10	256QAM	1	49	132072	1720	13.95	16.25
					1	24						1	0			17.60	19.90
					25	0						50	0			15.67	17.97
		66	5	256QAM	1	0	132375	1750	66	10	256QAM	1	49	132447	1757.5	13.96	16.26
					1	24						1	0			17.48	19.78
					25	0						50	0			15.63	17.93
		66	5	256QAM	1	0	132550	1767.8	66	10	256QAM	1	49	132622	1775	13.87	16.17
					1	24						1	0			17.43	19.73
					25	0						50	0			15.56	17.86
	CA_66B	66	5	256QAM	1	0	131997	1712.5	66	5	256QAM	1	24	132045	1717.3	13.95	16.25
					1	24						1	0			17.60	19.90
					25	0						25	0			15.65	17.95
		66	5	256QAM	1	0	132398	1752.6	66	5	256QAM	1	4	132446	1757.4	13.96	16.26
					1	24						1	0			17.48	19.78
					25	0						25	0			15.65	17.95
		66	5	256QAM	1	0	132599	1772.7	66	5	256QAM	1	24	132647	1777.5	13.87	16.17
					1	24						1	0			17.43	19.73
					25	0						25	0			15.56	17.86

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

7.1.11 LTE Band 66C

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_66C	66	20	QPSK	1	0	132072	1720	66	20	QPSK	1	99	132270	1739.8	18.58	20.88
					1	99						1	0			22.40	24.70
					100	0						100	0			20.42	22.72
		66	20	QPSK	1	0	132323	1745.1	66	20	QPSK	1	99	132521	1764.9	18.51	20.81
					1	99						100	0			22.28	24.58
					100	0						1	0			20.30	22.60
		66	20	QPSK	1	0	132374	1750.2	66	20	QPSK	1	99	132572	1770	18.36	20.66
					1	99						1	0			22.30	24.60
					100	0						100	0			20.24	22.54
	CA_66C	66	20	QPSK	1	0	132072	1720	66	15	QPSK	1	74	132243	1737.1	18.49	20.79
					1	99						1	0			22.29	24.59
					100	0						75	0			20.27	22.57
		66	20	QPSK	1	0	132348	1747.6	66	15	QPSK	1	74	132513	1764.1	18.42	20.72
					1	99						1	0			22.25	24.55
					100	0						75	0			20.19	22.49
		66	20	QPSK	1	0	132423	1755.1	66	15	QPSK	1	74	132594	1772.2	18.27	20.57
					1	99						1	0			22.24	24.54
					100	0						75	0			20.16	22.46
	CA_66C	66	15	QPSK	1	0	132050	1717.8	66	20	QPSK	1	99	132221	1734.9	18.49	20.79
					1	74						1	0			22.34	24.64
					75	0						100	0			20.33	22.63
		66	15	QPSK	1	0	132325	1745.3	66	20	QPSK	1	99	132496	1762.4	18.43	20.73
					1	74						1	0			22.22	24.52
					75	0						100	0			20.13	22.43
		66	15	QPSK	1	0	132401	1752.9	66	20	QPSK	1	99	132572	1770	18.32	20.62
					1	74						1	0			22.26	24.56
					75	0						100	0			20.10	22.40
	CA_66C	66	20	QPSK	1	0	132072	1720	66	10	QPSK	1	49	132216	1734.4	18.48	20.78
					1	99						1	0			22.29	24.59
					100	0						50	0			20.26	22.56
		66	20	QPSK	1	0	132373	1750.1	66	10	QPSK	1	49	132517	1764.5	18.37	20.67
					1	99						1	0			22.23	24.53
					100	0						50	0			20.17	22.47
		66	20	QPSK	1	0	132473	1760.1	66	10	QPSK	1	49	132617	1774.6	18.32	20.62
					1	99						1	0			22.21	24.51
					100	0						50	0			20.12	22.42
	CA_66C	66	10	QPSK	1	0	132027	1715.5	66	20	QPSK	1	99	131171	1729.9	18.52	20.82
					1	49						1	0			22.33	24.63
					50	0						100	0			20.32	22.62
		66	10	QPSK	1	0	132328	1745.6	66	20	QPSK	1	99	132472	1760	18.45	20.75
					1	49						1	0			22.22	24.52
					50	0						100	0			20.22	22.52
		66	10	QPSK	1	0	132428	1755.6	66	20	QPSK	1	99	132572	1770	18.27	20.57
					1	49						1	0			22.18	24.48
					50	0						100	0			20.09	22.39

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_66C	66	20	QPSK	1	0	132072	1720	66	5	QPSK	1	24	132189	1731.7	18.46	20.76
					1	99						1	0			22.29	24.59
					100	0						25	0			20.35	22.65
		66	20	QPSK	1	0	132397	1752.5	66	5	QPSK	1	24	132514	1764.2	18.43	20.73
					1	99						1	0			22.19	24.49
					100	0						25	0			20.20	22.50
		66	20	QPSK	1	0	132522	1765	66	5	QPSK	1	24	132639	1776.7	18.32	20.62
					1	99						1	0			22.28	24.58
					100	0						25	0			20.13	22.43
	CA_66C	66	5	QPSK	1	0	132005	1713.3	66	20	QPSK	1	99	132122	1725	18.50	20.80
					1	24						1	0			22.32	24.62
					25	0						100	0			20.29	22.59
		66	5	QPSK	1	0	132330	1745.8	66	20	QPSK	1	99	132447	1757.5	18.41	20.71
					1	24						1	0			22.23	24.53
					25	0						100	0			20.21	22.51
		66	5	QPSK	1	0	132455	1758.3	66	20	QPSK	1	99	132572	1770	18.29	20.59
					1	24						1	0			22.25	24.55
					25	0						100	0			20.05	22.35
	CA_66C	66	15	QPSK	1	0	132047	1717.5	66	10	QPSK	1	49	132027	1729.5	18.53	20.83
					1	74						1	0			22.32	24.62
					75	0						50	0			20.37	22.67
		66	15	QPSK	1	0	132373	1750.1	66	10	QPSK	1	49	132328	1761.1	18.42	20.72
					1	74						1	0			22.20	24.50
					75	0						50	0			20.21	22.51
		66	15	QPSK	1	0	132499	1762.7	66	10	QPSK	1	49	132428	1774.7	18.27	20.57
					1	74						1	0			22.20	24.50
					75	0						50	0			20.13	22.43
	CA_66C	66	10	QPSK	1	0	132025	1715.3	66	15	QPSK	1	74	132145	1727.3	18.53	20.83
					1	49						1	0			22.31	24.61
					50	0						75	0			20.32	22.62
		66	10	QPSK	1	0	132351	1747.9	66	15	QPSK	1	74	132471	1759.9	18.42	20.72
					1	49						1	0			22.16	24.46
					50	0						75	0			20.24	22.54
		66	10	QPSK	1	0	132477	1760.5	66	15	QPSK	1	74	132597	1772.5	18.30	20.60
					1	49						1	0			22.18	24.48
					50	0						75	0			20.07	22.37
	CA_66C	66	15	QPSK	1	0	132047	1717.5	66	15	QPSK	1	74	132197	1732.5	18.54	20.84
					1	74						1	0			22.30	24.60
					75	0						75	0			20.29	22.59
		66	15	QPSK	1	0	132347	1747.5	66	15	QPSK	1	74	132497	1762.5	18.46	20.76
					1	74						1	0			22.18	24.48
					75	0						75	0			20.18	22.48
		66	15	QPSK	1	0	132447	1757.5	66	15	QPSK	1	74	132597	1772.5	18.24	20.54
					1	74						1	0			22.21	24.51
					75	0						75	0			20.13	22.43

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_66C	66	20	16QAM	1	0	132072	1720	66	20	16QAM	1	99	132270	1739.8	17.91	20.21
					1	99						1	0			21.72	24.02
					100	0						100	0			19.76	22.06
		66	20	16QAM	1	0	132323	1745.1	66	20	16QAM	1	99	132521	1764.9	17.78	20.08
					1	99						100	0			21.54	23.84
					100	0						1	0			19.54	21.84
		66	20	16QAM	1	0	132374	1750.2	66	20	16QAM	1	99	132572	1770	17.79	20.09
					1	99						1	0			21.36	23.66
					100	0						100	0			19.45	21.75
	CA_66C	66	20	16QAM	1	0	132072	1720	66	15	16QAM	1	74	132243	1737.1	17.80	20.10
					1	99						1	0			21.58	23.88
					100	0						75	0			19.68	21.98
		66	20	16QAM	1	0	132348	1747.6	66	15	16QAM	1	74	132513	1764.1	17.74	20.04
					1	99						1	0			21.46	23.76
					100	0						75	0			19.41	21.71
		66	20	16QAM	1	0	132423	1755.1	66	15	16QAM	1	74	132594	1772.2	17.67	19.97
					1	99						1	0			21.29	23.59
					100	0						75	0			19.47	21.77
	CA_66C	66	15	16QAM	1	0	132050	1717.8	66	20	16QAM	1	99	132221	1734.9	17.83	20.13
					1	74						1	0			21.60	23.90
					75	0						100	0			19.65	21.95
		66	15	16QAM	1	0	132325	1745.3	66	20	16QAM	1	99	132496	1762.4	17.70	20.00
					1	74						1	0			21.46	23.76
					75	0						100	0			19.51	21.81
		66	15	16QAM	1	0	132401	1752.9	66	20	16QAM	1	99	132572	1770	17.67	19.97
					1	74						1	0			21.30	23.60
					75	0						100	0			19.39	21.69
	CA_66C	66	20	16QAM	1	0	132072	1720	66	10	16QAM	1	49	132216	1734.4	17.88	20.18
					1	99						1	0			21.65	23.95
					100	0						50	0			19.62	21.92
		66	20	16QAM	1	0	132373	1750.1	66	10	16QAM	1	49	132517	1764.5	17.68	19.98
					1	99						1	0			21.46	23.76
					100	0						50	0			19.50	21.80
		66	20	16QAM	1	0	132473	1760.1	66	10	16QAM	1	49	132617	1774.6	17.71	20.01
					1	99						1	0			21.23	23.53
					100	0						50	0			19.34	21.64
	CA_66C	66	10	16QAM	1	0	132027	1715.5	66	20	16QAM	1	99	131171	1729.9	17.81	20.11
					1	49						1	0			21.58	23.88
					50	0						100	0			19.66	21.96
		66	10	16QAM	1	0	132328	1745.6	66	20	16QAM	1	99	132472	1760	17.67	19.97
					1	49						1	0			21.49	23.79
					50	0						100	0			19.39	21.69
		66	10	16QAM	1	0	132428	1755.6	66	20	16QAM	1	99	132572	1770	17.72	20.02
					1	49						1	0			21.29	23.59
					50	0						100	0			19.37	21.67

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_66C	66	20	16QAM	1	0	132072	1720	66	5	16QAM	1	24	132189	1731.7	17.85	20.15
					1	99						1	0			21.62	23.92
					100	0						25	0			19.62	21.92
		66	20	16QAM	1	0	132397	1752.5	66	5	16QAM	1	24	132514	1764.2	17.73	20.03
					1	99						1	0			21.45	23.75
					100	0						25	0			19.47	21.77
		66	20	16QAM	1	0	132522	1765	66	5	16QAM	1	24	132639	1776.7	17.71	20.01
					1	99						1	0			21.30	23.60
					100	0						25	0			19.40	21.70
	CA_66C	66	5	16QAM	1	0	132005	1713.3	66	20	16QAM	1	99	132122	1725	17.84	20.14
					1	24						1	0			21.62	23.92
					25	0						100	0			19.63	21.93
		66	5	16QAM	1	0	132330	1745.8	66	20	16QAM	1	99	132447	1757.5	17.70	20.00
					1	24						1	0			21.49	23.79
					25	0						100	0			19.52	21.82
		66	5	16QAM	1	0	132455	1758.3	66	20	16QAM	1	99	132572	1770	17.65	19.95
					1	24						1	0			21.29	23.59
					25	0						100	0			19.37	21.67
	CA_66C	66	15	16QAM	1	0	132047	1717.5	66	10	16QAM	1	49	132027	1729.5	17.84	20.14
					1	74						1	0			21.62	23.92
					75	0						50	0			19.63	21.93
		66	15	16QAM	1	0	132373	1750.1	66	10	16QAM	1	49	132328	1761.1	17.66	19.96
					1	74						1	0			21.49	23.79
					75	0						50	0			19.54	21.84
		66	15	16QAM	1	0	132499	1762.7	66	10	16QAM	1	49	132428	1774.7	17.70	20.00
					1	74						1	0			21.33	23.63
					75	0						50	0			19.41	21.71
	CA_66C	66	10	16QAM	1	0	132025	1715.3	66	15	16QAM	1	74	132145	1727.3	17.87	20.17
					1	49						1	0			21.64	23.94
					50	0						75	0			19.68	21.98
		66	10	16QAM	1	0	132351	1747.9	66	15	16QAM	1	74	132471	1759.9	17.75	20.05
					1	49						1	0			21.46	23.76
					50	0						75	0			19.50	21.80
		66	10	16QAM	1	0	132477	1760.5	66	15	16QAM	1	74	132597	1772.5	17.70	20.00
					1	49						1	0			21.27	23.57
					50	0						75	0			19.40	21.70
	CA_66C	66	15	16QAM	1	0	132047	1717.5	66	15	16QAM	1	74	132197	1732.5	17.79	20.09
					1	74						1	0			21.62	23.92
					75	0						75	0			19.67	21.97
		66	15	16QAM	1	0	132347	1747.5	66	15	16QAM	1	74	132497	1762.5	17.70	20.00
					1	74						1	0			21.44	23.74
					75	0						75	0			19.41	21.71
		66	16	16QAM	1	0	132447	1757.5	66	15	16QAM	1	74	132597	1772.5	17.65	19.95
					1	74						1	0			21.31	23.61
					75	0						75	0			19.34	21.64

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_66C	66	20	64QAM	1	0	132072	1720	66	20	64QAM	1	99	132270	1739.8	16.73	19.03
					1	99						1	0			20.41	22.71
					100	0						100	0			18.48	20.78
		66	20	64QAM	1	0	132323	1745.1	66	20	64QAM	1	99	132521	1764.9	16.61	18.91
					1	99						100	0			20.26	22.56
					100	0						1	0			18.33	20.63
		66	20	64QAM	1	0	132374	1750.2	66	20	64QAM	1	99	132572	1770	16.47	18.77
					1	99						1	0			20.21	22.51
					100	0						100	0			18.25	20.55
	CA_66C	66	20	64QAM	1	0	132072	1720	66	15	64QAM	1	74	132243	1737.1	16.66	18.96
					1	99						1	0			20.38	22.68
					100	0						75	0			18.40	20.70
		66	20	64QAM	1	0	132348	1747.6	66	15	64QAM	1	74	132513	1764.1	16.47	18.77
					1	99						1	0			20.20	22.50
					100	0						75	0			18.26	20.56
		66	20	64QAM	1	0	132423	1755.1	66	15	64QAM	1	74	132594	1772.2	16.41	18.71
					1	99						1	0			20.15	22.45
					100	0						75	0			18.14	20.44
	CA_66C	66	15	64QAM	1	0	132050	1717.8	66	20	64QAM	1	99	132221	1734.9	16.59	18.89
					1	74						1	0			20.33	22.63
					75	0						100	0			18.37	20.67
		66	15	64QAM	1	0	132325	1745.3	66	20	64QAM	1	99	132496	1762.4	16.54	18.84
					1	74						1	0			20.21	22.51
					75	0						100	0			18.24	20.54
		66	15	64QAM	1	0	132401	1752.9	66	20	64QAM	1	99	132572	1770	16.41	18.71
					1	74						1	0			20.10	22.40
					75	0						100	0			18.22	20.52
	CA_66C	66	20	64QAM	1	0	132072	1720	66	10	64QAM	1	49	132216	1734.4	16.64	18.94
					1	99						1	0			20.36	22.66
					100	0						50	0			18.30	20.60
		66	20	64QAM	1	0	132373	1750.1	66	10	64QAM	1	49	132517	1764.5	16.50	18.80
					1	99						1	0			20.14	22.44
					100	0						50	0			18.24	20.54
		66	20	64QAM	1	0	132473	1760.1	66	10	64QAM	1	49	132617	1774.6	16.40	18.70
					1	99						1	0			20.12	22.42
					100	0						50	0			18.18	20.48
	CA_66C	66	10	64QAM	1	0	132027	1715.5	66	20	64QAM	1	99	131171	1729.9	16.67	18.97
					1	49						1	0			20.39	22.69
					50	0						100	0			18.41	20.71
		66	10	64QAM	1	0	132328	1745.6	66	20	64QAM	1	99	132472	1760	16.51	18.81
					1	49						1	0			20.15	22.45
					50	0						100	0			18.27	20.57
		66	10	64QAM	1	0	132428	1755.6	66	20	64QAM	1	99	132572	1770	16.43	18.73
					1	49						1	0			20.13	22.43
					50	0						100	0			18.21	20.51

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_66C	66	20	64QAM	1	0	132072	1720	66	5	64QAM	1	24	132189	1731.7	16.65	18.95
					1	99						1	0			20.33	22.63
					100	0						25	0			18.36	20.66
		66	20	64QAM	1	0	132397	1752.5	66	5	64QAM	1	24	132514	1764.2	16.54	18.84
					1	99						1	0			20.17	22.47
					100	0						25	0			18.25	20.55
		66	20	64QAM	1	0	132522	1765	66	5	64QAM	1	24	132639	1776.7	16.39	18.69
					1	99						1	0			20.16	22.46
					100	0						25	0			18.12	20.42
	CA_66C	66	5	64QAM	1	0	132005	1713.3	66	20	64QAM	1	99	132122	1725	16.67	18.97
					1	24						1	0			20.31	22.61
					25	0						100	0			18.32	20.62
		66	5	64QAM	1	0	132330	1745.8	66	20	64QAM	1	99	132447	1757.5	16.52	18.82
					1	24						1	0			20.18	22.48
					25	0						100	0			18.24	20.54
		66	5	64QAM	1	0	132455	1758.3	66	20	64QAM	1	99	132572	1770	16.38	18.68
					1	24						1	0			20.11	22.41
					25	0						100	0			18.17	20.47
	CA_66C	66	15	64QAM	1	0	132047	1717.5	66	10	64QAM	1	49	132027	1729.5	16.64	18.94
					1	74						1	0			20.29	22.59
					75	0						50	0			18.40	20.70
		66	15	64QAM	1	0	132373	1750.1	66	10	64QAM	1	49	132328	1761.1	16.55	18.85
					1	74						1	0			20.21	22.51
					75	0						50	0			18.28	20.58
		66	15	64QAM	1	0	132499	1762.7	66	10	64QAM	1	49	132428	1774.7	16.41	18.71
					1	74						1	0			20.08	22.38
					75	0						50	0			18.22	20.52
	CA_66C	66	10	64QAM	1	0	132025	1715.3	66	15	64QAM	1	74	132145	1727.3	16.60	18.90
					1	49						1	0			20.35	22.65
					50	0						75	0			18.40	20.70
		66	10	64QAM	1	0	132351	1747.9	66	15	64QAM	1	74	132471	1759.9	16.57	18.87
					1	49						1	0			20.18	22.48
					50	0						75	0			18.24	20.54
		66	10	64QAM	1	0	132477	1760.5	66	15	64QAM	1	74	132597	1772.5	16.35	18.65
					1	49						1	0			20.07	22.37
					50	0						75	0			18.10	20.40
	CA_66C	66	15	64QAM	1	0	132047	1717.5	66	15	64QAM	1	74	132197	1732.5	16.62	18.92
					1	74						1	0			20.31	22.61
					75	0						75	0			18.32	20.62
		66	15	64QAM	1	0	132347	1747.5	66	15	64QAM	1	74	132497	1762.5	16.56	18.86
					1	74						1	0			20.15	22.45
					75	0						75	0			18.26	20.56
		66	15	64QAM	1	0	132447	1757.5	66	15	64QAM	1	74	132597	1772.5	16.41	18.71
					1	74						1	0			20.12	22.42
					75	0						75	0			18.18	20.48

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_66C	66	20	256QAM	1	0	132072	1720	66	20	256QAM	1	99	132270	1739.8	13.95	16.25
					1	99						1	0			17.52	19.82
					100	0						100	0			15.61	17.91
		66	20	256QAM	1	0	132323	1745.1	66	20	256QAM	1	99	132521	1764.9	13.85	16.15
					1	99						100	0			17.44	19.74
					100	0						1	0			15.54	17.84
		66	20	256QAM	1	0	132374	1750.2	66	20	256QAM	1	99	132572	1770	13.78	16.08
					1	99						1	0			17.45	19.75
					100	0						100	0			15.53	17.83
	CA_66C	66	20	256QAM	1	0	132072	1720	66	15	256QAM	1	74	132243	1737.1	13.80	16.10
					1	99						1	0			17.42	19.72
					100	0						75	0			15.49	17.79
		66	20	256QAM	1	0	132348	1747.6	66	15	256QAM	1	74	132513	1764.1	13.76	16.06
					1	99						1	0			17.32	19.62
					100	0						75	0			15.44	17.74
		66	20	256QAM	1	0	132423	1755.1	66	15	256QAM	1	74	132594	1772.2	13.74	16.04
					1	99						1	0			17.30	19.60
					100	0						75	0			15.42	17.72
	CA_66C	66	15	256QAM	1	0	132050	1717.8	66	20	256QAM	1	99	132221	1734.9	13.91	16.21
					1	74						1	0			17.42	19.72
					75	0						100	0			15.60	17.90
		66	15	256QAM	1	0	132325	1745.3	66	20	256QAM	1	99	132496	1762.4	13.81	16.11
					1	74						1	0			17.34	19.64
					75	0						100	0			15.47	17.77
		66	15	256QAM	1	0	132401	1752.9	66	20	256QAM	1	99	132572	1770	13.70	16.00
					1	74						1	0			17.39	19.69
					75	0						100	0			15.45	17.75
	CA_66C	66	20	256QAM	1	0	132072	1720	66	10	256QAM	1	49	132216	1734.4	13.87	16.17
					1	99						1	0			17.39	19.69
					100	0						50	0			15.64	17.94
		66	20	256QAM	1	0	132373	1750.1	66	10	256QAM	1	49	132517	1764.5	13.75	16.05
					1	99						1	0			17.35	19.65
					100	0						50	0			15.46	17.76
		66	20	256QAM	1	0	132473	1760.1	66	10	256QAM	1	49	132617	1774.6	13.72	16.02
					1	99						1	0			17.39	19.69
					100	0						50	0			15.43	17.73
	CA_66C	66	10	256QAM	1	0	132027	1715.5	66	20	256QAM	1	99	131171	1729.9	13.83	16.13
					1	49						1	0			17.41	19.71
					50	0						100	0			15.57	17.87
		66	10	256QAM	1	0	132328	1745.6	66	20	256QAM	1	99	132472	1760	13.75	16.05
					1	49						1	0			17.42	19.72
					50	0						100	0			15.49	17.79
		66	10	256QAM	1	0	132428	1755.6	66	20	256QAM	1	99	132572	1770	13.72	16.02
					1	49						1	0			17.33	19.63
					50	0						100	0			15.44	17.74

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

Confugure	Combination	PCC							SCC							Measurement Power	
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)	
																Total	EIRP
Intra Band Contiguous	CA_66C	66	20	256QAM	1	0	132072	1720	66	5	256QAM	1	24	132189	1731.7	13.86	16.16
					1	99						1	0			17.41	19.71
					100	0						25	0			15.52	17.82
		66	20	256QAM	1	0	132397	1752.5	66	5	256QAM	1	24	132514	1764.2	13.82	16.12
					1	99						1	0			17.38	19.68
					100	0						25	0			15.42	17.72
		66	20	256QAM	1	0	132522	1765	66	5	256QAM	1	24	132639	1776.7	13.70	16.00
					1	99						1	0			17.38	19.68
					100	0						25	0			15.42	17.72
	CA_66C	66	5	256QAM	1	0	132005	1713.3	66	20	256QAM	1	99	132122	1725	13.87	16.17
					1	24						1	0			17.39	19.69
					25	0						100	0			15.62	17.92
		66	5	256QAM	1	0	132330	1745.8	66	20	256QAM	1	99	132447	1757.5	13.72	16.02
					1	24						1	0			17.32	19.62
					25	0						100	0			15.46	17.76
		66	5	256QAM	1	0	132455	1758.3	66	20	256QAM	1	99	132572	1770	13.72	16.02
					1	24						1	0			17.30	19.60
					25	0						100	0			15.44	17.74
	CA_66C	66	15	256QAM	1	0	132047	1717.5	66	20	256QAM	1	49	132027	1729.5	13.89	16.19
					1	74						1	0			17.43	19.73
					75	0						50	0			15.62	17.92
		66	15	256QAM	1	0	132373	1750.1	66	20	256QAM	1	49	132328	1761.1	13.82	16.12
					1	74						1	0			17.35	19.65
					75	0						50	0			15.50	17.80
		66	15	256QAM	1	0	132499	1762.7	66	20	256QAM	1	49	132428	1774.7	13.71	16.01
					1	74						1	0			17.33	19.63
					75	0						50	0			15.47	17.77
	CA_66C	66	10	256QAM	1	0	132025	1715.3	66	15	256QAM	1	74	132145	1727.3	13.87	16.17
					1	49						1	0			17.38	19.68
					50	0						75	0			15.51	17.81
		66	10	256QAM	1	0	132351	1747.9	66	15	256QAM	1	74	132471	1759.9	13.79	16.09
					1	49						1	0			17.37	19.67
					50	0						75	0			15.53	17.83
		66	10	256QAM	1	0	132477	1760.5	66	15	256QAM	1	74	132597	1772.5	13.71	16.01
					1	49						1	0			17.37	19.67
					50	0						75	0			15.44	17.74
	CA_66C	66	15	256QAM	1	0	132047	1717.5	66	15	256QAM	1	74	132197	1732.5	13.87	16.17
					1	74						1	0			17.43	19.73
					75	0						75	0			15.57	17.87
		66	15	256QAM	1	0	132347	1747.5	66	15	256QAM	1	74	132497	1762.5	13.71	16.01
					1	74						1	0			17.39	19.69
					75	0						75	0			15.40	17.70
		66	15	256QAM	1	0	132447	1757.5	66	15	256QAM	1	74	132597	1772.5	13.70	16.00
					1	74						1	0			17.34	19.64
					75	0						75	0			15.46	17.76

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

7.2 Radiated Spurious Emissions below 1GHz

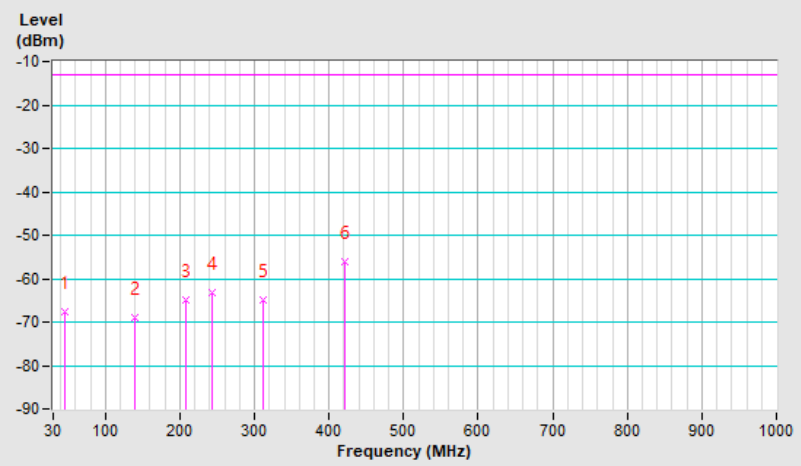
7.2.1 LTE Band 2C

RF Mode	LTE Band 2C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 18700 (1860.0MHz) + CH 18898 (1879.8MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	45.46	-67.71	-13.00	-54.71	1.00 H	277	36.31	-104.02
2	139.65	-68.89	-13.00	-55.89	1.00 H	12	35.55	-104.44
3	207.13	-64.96	-13.00	-51.96	1.00 H	83	41.80	-106.76
4	243.68	-63.22	-13.00	-50.22	1.00 H	21	41.56	-104.78
5	312.57	-64.98	-13.00	-51.98	1.00 H	11	37.40	-102.38
6	420.81	-55.98	-13.00	-42.98	1.00 H	19	44.69	-100.67

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

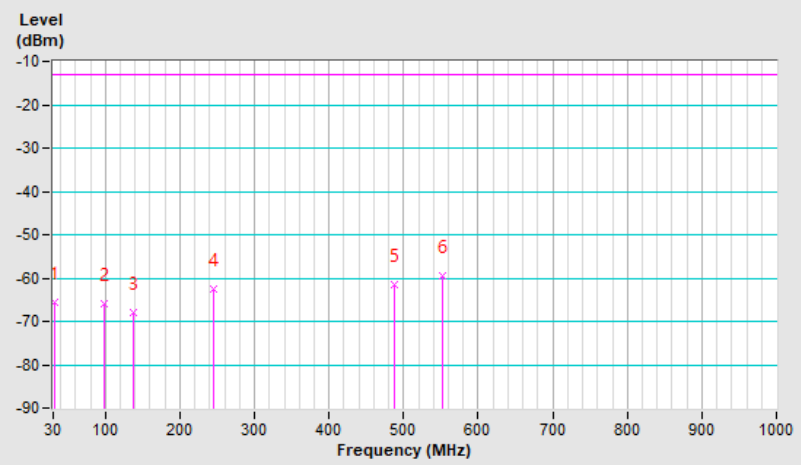


RF Mode	LTE Band 2C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 18700 (1860.0MHz) + CH 18898 (1879.8MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	32.81	-65.71	-13.00	-52.71	1.00 V	88	39.79	-105.50
2	97.48	-65.77	-13.00	-52.77	1.00 V	241	43.17	-108.94
3	138.25	-67.80	-13.00	-54.80	1.00 V	182	36.68	-104.48
4	245.09	-62.61	-13.00	-49.61	1.00 V	21	42.10	-104.71
5	486.88	-61.47	-13.00	-48.47	1.00 V	5	37.92	-99.39
6	552.96	-59.64	-13.00	-46.64	1.00 V	315	38.55	-98.19

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



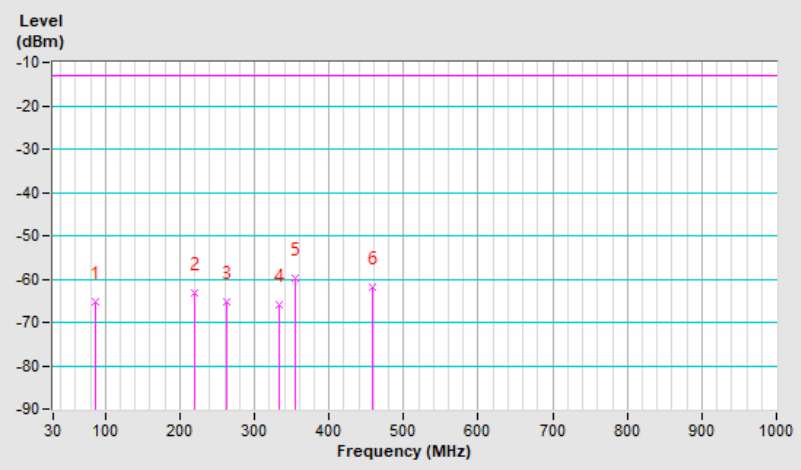
7.2.2 LTE Band 5B

RF Mode	LTE Band 5B Channel Bandwidth: 10MHz + 10MHz	Channel	CH 20476 (831.6MHz) + CH 20575 (841.5MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	87.64	-65.27	-13.00	-52.27	1.00 H	261	46.48	-111.75
2	219.78	-63.07	-13.00	-50.07	1.00 H	319	45.56	-108.63
3	261.96	-65.22	-13.00	-52.22	1.00 H	227	40.95	-106.17
4	332.25	-65.83	-13.00	-52.83	1.00 H	193	38.38	-104.21
5	354.74	-59.94	-13.00	-46.94	1.00 H	13	44.07	-104.01
6	458.77	-61.83	-13.00	-48.83	1.00 H	173	40.05	-101.88

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

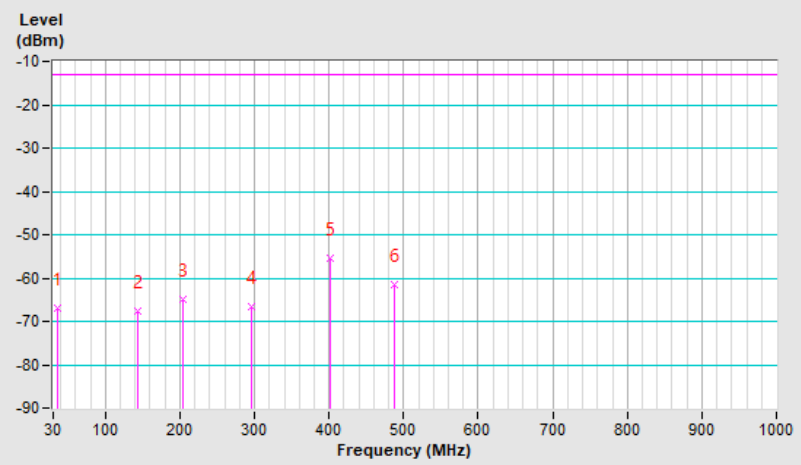


RF Mode	LTE Band 5B Channel Bandwidth: 10MHz + 10MHz	Channel	CH 20476 (831.6MHz) + CH 20575 (841.5MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	35.62	-66.99	-13.00	-53.99	1.00 V	202	40.35	-107.34
2	143.87	-67.59	-13.00	-54.59	1.50 V	220	38.69	-106.28
3	204.32	-64.92	-13.00	-51.92	1.00 V	307	44.04	-108.96
4	295.70	-66.45	-13.00	-53.45	1.00 V	32	38.60	-105.05
5	401.13	-55.28	-13.00	-42.28	1.00 V	358	47.94	-103.22
6	486.88	-61.40	-13.00	-48.40	1.00 V	164	40.14	-101.54

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



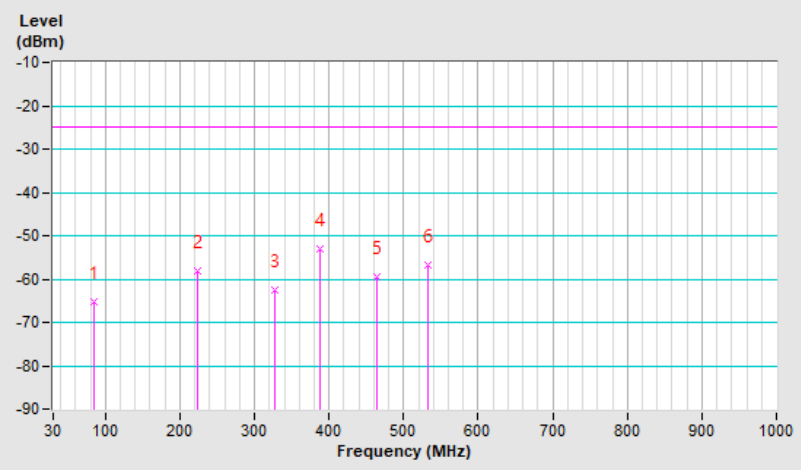
7.2.3 LTE Band 7C

RF Mode	LTE Band 7C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 21152 (2540.2MHz) + CH 21350 (2560.0MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	84.83	-65.39	-25.00	-40.39	1.50 H	205	43.95	-109.34
2	224.00	-58.22	-25.00	-33.22	1.00 H	340	48.34	-106.56
3	326.62	-62.66	-25.00	-37.66	1.00 H	156	39.43	-102.09
4	388.48	-53.21	-25.00	-28.21	1.50 H	356	47.91	-101.12
5	464.39	-59.61	-25.00	-34.61	1.50 H	163	40.04	-99.65
6	533.28	-56.92	-25.00	-31.92	1.00 H	317	41.67	-98.59

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

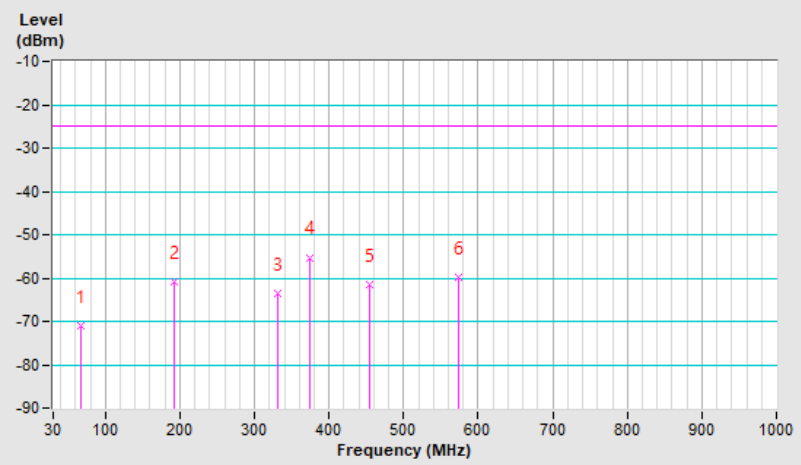


RF Mode	LTE Band 7C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 21152 (2540.2MHz) + CH 21350 (2560.0MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	67.96	-70.85	-25.00	-45.85	1.00 V	41	34.75	-105.60
2	193.07	-60.80	-25.00	-35.80	1.00 V	249	45.85	-106.65
3	330.84	-63.49	-25.00	-38.49	1.00 V	182	38.57	-102.06
4	374.42	-55.25	-25.00	-30.25	1.00 V	328	46.06	-101.31
5	454.55	-61.68	-25.00	-36.68	1.00 V	333	38.12	-99.80
6	574.04	-59.73	-25.00	-34.73	1.00 V	93	37.83	-97.56

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



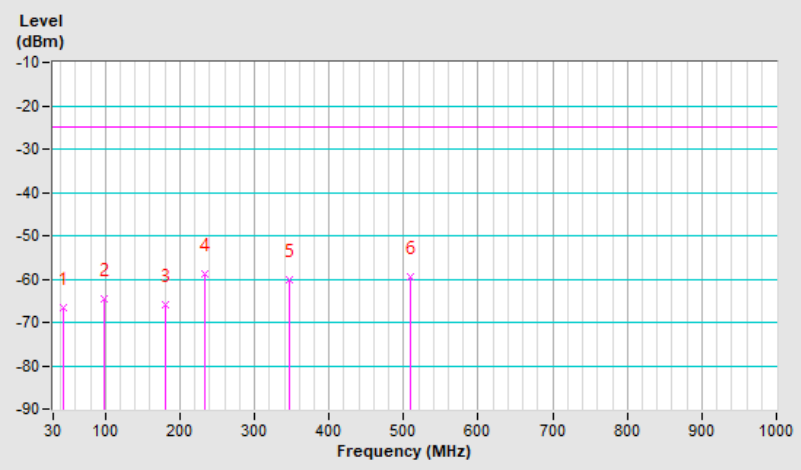
7.2.4 LTE Band 38C

RF Mode	LTE Band 38C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 37850 (2580.0MHz) + CH 38048 (2599.8MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	44.06	-66.71	-25.00	-41.71	1.00 H	13	37.49	-104.20
2	97.48	-64.53	-25.00	-39.53	1.00 H	50	44.41	-108.94
3	180.42	-65.83	-25.00	-40.83	1.00 H	263	39.48	-105.31
4	232.43	-58.87	-25.00	-33.87	1.00 H	6	47.03	-105.90
5	347.71	-60.06	-25.00	-35.06	1.00 H	13	42.00	-102.06
6	509.38	-59.42	-25.00	-34.42	1.00 H	6	39.49	-98.91

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

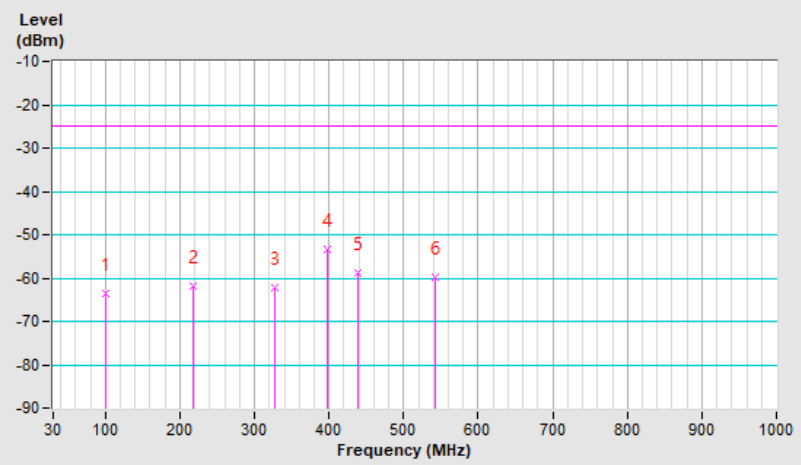


RF Mode	LTE Band 38C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 37850 (2580.0MHz) + CH 38048 (2599.8MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	100.29	-63.59	-25.00	-38.59	1.00 V	243	44.75	-108.34
2	218.38	-61.72	-25.00	-36.72	1.00 V	154	44.78	-106.50
3	326.62	-62.27	-25.00	-37.27	1.50 V	343	39.82	-102.09
4	396.91	-53.25	-25.00	-28.25	1.50 V	21	47.85	-101.10
5	439.09	-58.86	-25.00	-33.86	1.00 V	350	41.28	-100.14
6	541.71	-59.89	-25.00	-34.89	1.00 V	49	38.56	-98.45

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



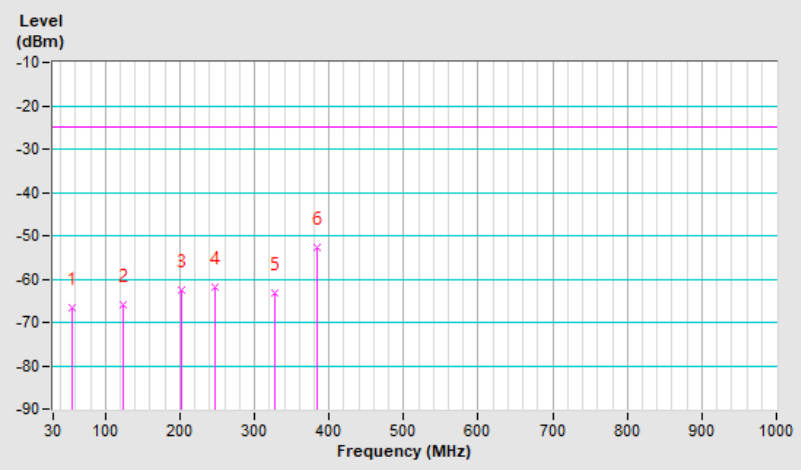
7.2.5 LTE Band 41C

RF Mode	LTE Band 41C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 41292 (2660.2MHz) + CH 41490 (2680.0MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	55.30	-66.65	-25.00	-41.65	1.00 H	232	37.36	-104.01
2	124.19	-66.05	-25.00	-41.05	1.00 H	162	39.81	-105.86
3	202.91	-62.54	-25.00	-37.54	1.00 H	53	44.27	-106.81
4	247.90	-62.00	-25.00	-37.00	1.00 H	281	42.60	-104.60
5	326.62	-63.23	-25.00	-38.23	1.50 H	13	38.86	-102.09
6	384.26	-52.86	-25.00	-27.86	1.50 H	4	48.31	-101.17

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

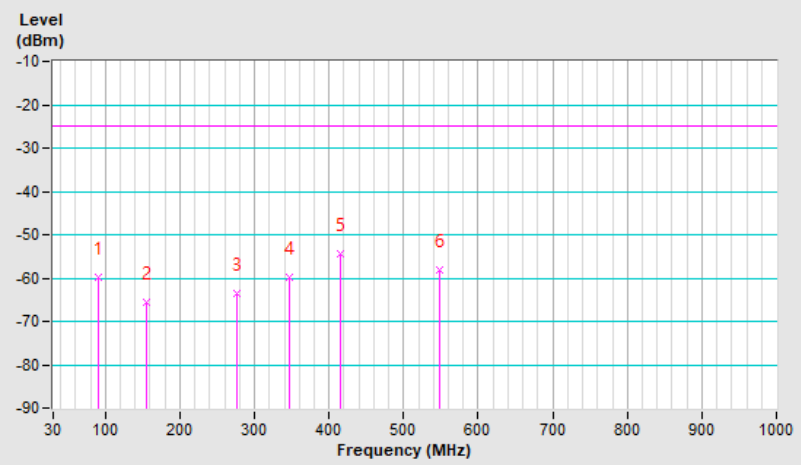


RF Mode	LTE Band 41C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 41292 (2660.2MHz) + CH 41490 (2680.0MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	90.45	-59.81	-25.00	-34.81	1.50 V	251	49.81	-109.62
2	155.12	-65.48	-25.00	-40.48	1.00 V	180	38.26	-103.74
3	276.01	-63.51	-25.00	-38.51	1.50 V	35	39.77	-103.28
4	346.30	-59.86	-25.00	-34.86	1.00 V	4	42.21	-102.07
5	415.19	-54.40	-25.00	-29.40	1.00 V	8	46.45	-100.85
6	548.74	-58.21	-25.00	-33.21	1.00 V	53	40.08	-98.29

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



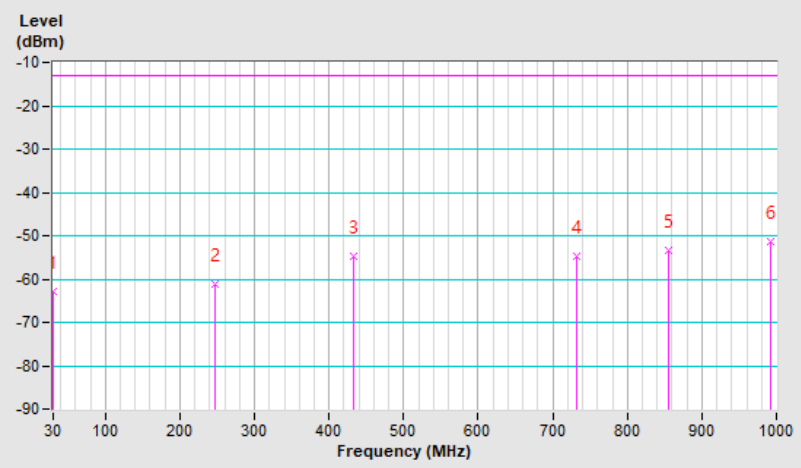
7.2.6 LTE Band 42C (3450-3550MHz)

RF Mode	LTE Band 42C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 42491 (3490.1MHz) + CH 42689 (3509.9MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.00	-62.88	-13.00	-49.88	1.00 H	88	42.63	-105.51
2	246.49	-61.16	-13.00	-48.16	1.00 H	18	43.49	-104.65
3	432.06	-54.91	-13.00	-41.91	1.00 H	8	45.38	-100.29
4	731.49	-54.73	-13.00	-41.73	1.00 H	76	39.30	-94.03
5	855.20	-53.37	-13.00	-40.37	1.00 H	282	38.41	-91.78
6	992.97	-51.27	-13.00	-38.27	1.00 H	124	37.48	-88.75

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

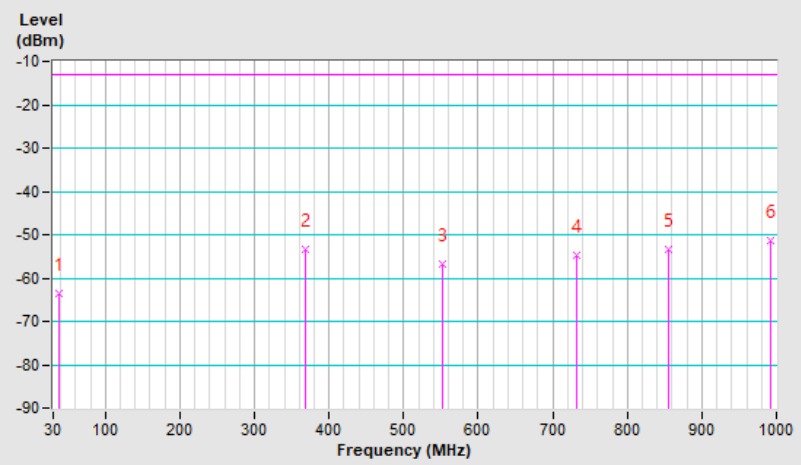


RF Mode	LTE Band 42C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 42491 (3490.1MHz) + CH 42689 (3509.9MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	37.03	-63.50	-13.00	-50.50	1.00 V	181	41.44	-104.94
2	368.80	-53.48	-13.00	-40.48	1.00 V	12	47.92	-101.40
3	551.55	-56.86	-13.00	-43.86	1.00 V	344	41.36	-98.22
4	731.49	-54.73	-13.00	-41.73	1.00 V	76	39.30	-94.03
5	855.20	-53.37	-13.00	-40.37	1.00 V	282	38.41	-91.78
6	992.97	-51.27	-13.00	-38.27	1.00 V	124	37.48	-88.75

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



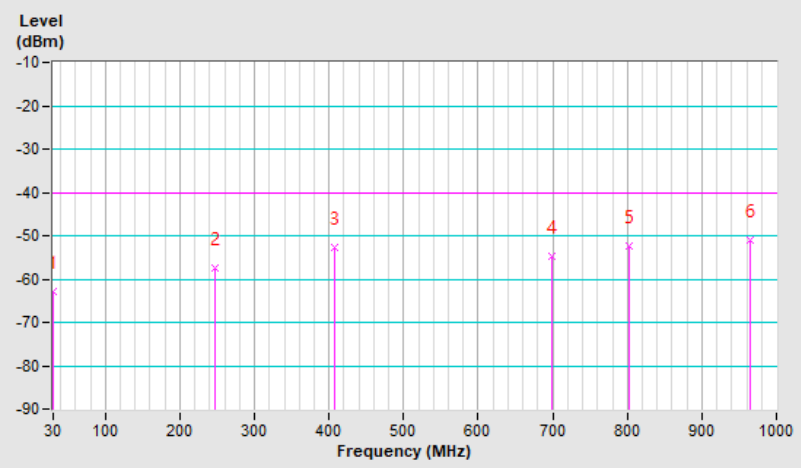
7.2.7 LTE Band 42C (3550-3600MHz)

RF Mode	LTE Band 42C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 43292 (3570.2MHz) + CH 43490 (3590.0MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.00	-62.74	-40.00	-22.74	1.00 H	19	42.77	-105.51
2	247.90	-57.39	-40.00	-17.39	1.49 H	13	47.21	-104.60
3	408.16	-52.86	-40.00	-12.86	1.49 H	18	48.14	-101.00
4	699.16	-54.72	-40.00	-14.72	1.49 H	329	40.30	-95.02
5	801.78	-52.52	-40.00	-12.52	1.00 H	48	39.93	-92.45
6	964.86	-50.97	-40.00	-10.97	1.49 H	290	38.06	-89.03

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

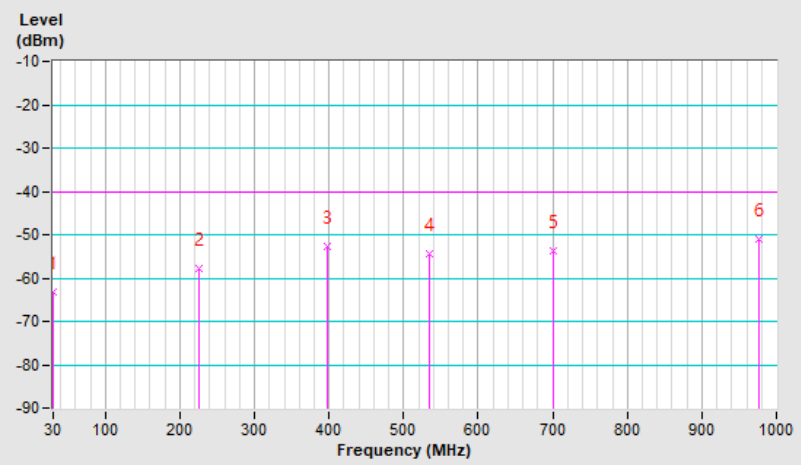


RF Mode	LTE Band 42C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 43292 (3570.2MHz) + CH 43490 (3590.0MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.00	-63.12	-40.00	-23.12	1.50 V	232	42.39	-105.51
2	225.41	-57.71	-40.00	-17.71	1.00 V	139	48.84	-106.55
3	398.32	-52.75	-40.00	-12.75	1.00 V	19	48.34	-101.09
4	534.68	-54.48	-40.00	-14.48	1.00 V	313	44.10	-98.58
5	700.57	-53.68	-40.00	-13.68	1.50 V	25	41.31	-94.99
6	976.10	-50.97	-40.00	-10.97	1.50 V	236	37.99	-88.96

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



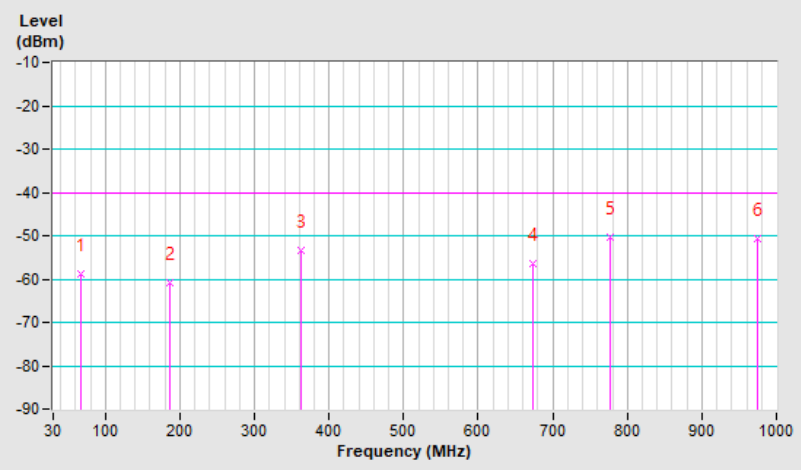
7.2.8 LTE Band 43C

RF Mode	LTE Band 43C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 44292 (3670.2MHz) + CH 44490 (3690.0MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	66.55	-58.75	-40.00	-18.75	1.00 H	113	46.60	-105.35
2	186.04	-60.72	-40.00	-20.72	1.49 H	73	45.28	-106.00
3	363.17	-53.26	-40.00	-13.26	1.49 H	14	48.33	-101.59
4	672.45	-56.29	-40.00	-16.29	1.49 H	139	39.33	-95.62
5	**777.88**	**-50.28**	**-40.00**	**-10.28**	**1.00 H**	**290**	**42.64**	**-92.92**
6	974.70	-50.68	-40.00	-10.68	1.00 H	306	38.28	-88.96

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

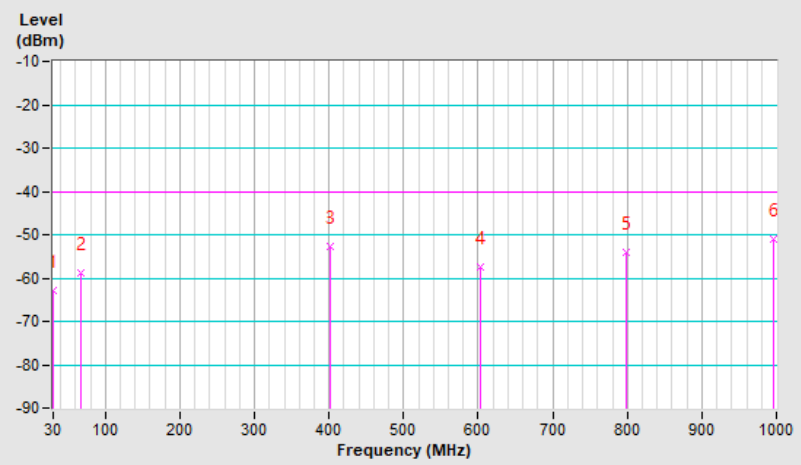


RF Mode	LTE Band 43C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 44292 (3670.2MHz) + CH 44490 (3690.0MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.00	-62.93	-40.00	-22.93	1.00 V	186	42.58	-105.51
2	66.55	-58.75	-40.00	-18.75	1.00 V	113	46.60	-105.35
3	402.54	-52.84	-40.00	-12.84	1.00 V	355	48.21	-101.05
4	603.57	-57.32	-40.00	-17.32	1.00 V	6	39.19	-96.51
5	798.97	-54.09	-40.00	-14.09	1.49 V	247	38.44	-92.53
6	995.78	-51.01	-40.00	-11.01	1.49 V	232	37.68	-88.69

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



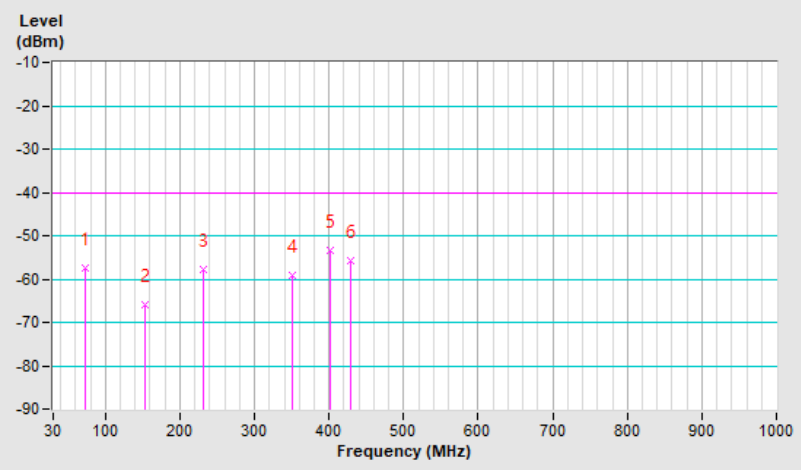
7.2.9 LTE Band 48C

RF Mode	LTE Band 48C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 56442 (3670.2MHz) + CH 56640 (3690.0MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	73.58	-57.53	-40.00	-17.53	1.50 H	165	49.10	-106.63
2	153.71	-65.96	-40.00	-25.96	1.00 H	163	37.78	-103.74
3	231.03	-57.75	-40.00	-17.75	1.50 H	5	48.39	-106.14
4	350.52	-59.29	-40.00	-19.29	1.00 H	33	42.71	-102.00
5	401.13	-53.36	-40.00	-13.36	1.00 H	9	47.71	-101.07
6	429.25	-55.89	-40.00	-15.89	1.50 H	19	44.47	-100.36

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

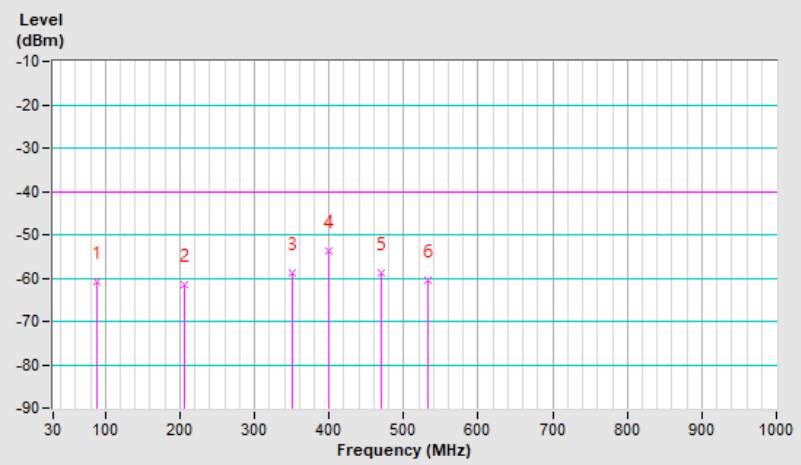


RF Mode	LTE Band 48C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 56442 (3670.2MHz) + CH 56640 (3690.0MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	89.04	-60.71	-40.00	-20.71	1.00 V	12	48.84	-109.55
2	205.72	-61.67	-40.00	-21.67	1.00 V	304	45.12	-106.79
3	350.52	-58.94	-40.00	-18.94	1.00 V	6	43.06	-102.00
4	399.72	-53.82	-40.00	-13.82	1.00 V	41	47.26	-101.08
5	470.01	-58.91	-40.00	-18.91	1.00 V	14	40.67	-99.58
6	531.87	-60.49	-40.00	-20.49	1.00 V	66	38.11	-98.60

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



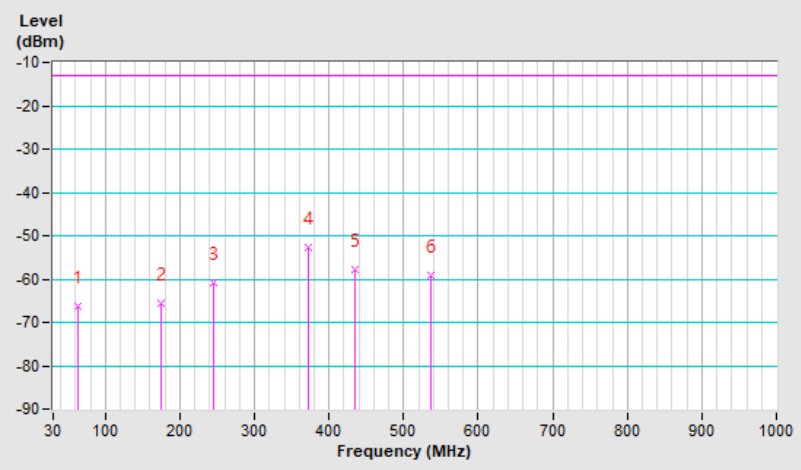
7.2.10 LTE Band 66B

RF Mode	LTE Band 66B Channel Bandwidth: 10MHz + 10MHz	Channel	CH 132373 (1750.1MHz) + CH 132472 (1760.0MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	62.33	-66.26	-13.00	-53.26	1.50 H	249	38.48	-104.74
2	174.80	-65.70	-13.00	-52.70	1.00 H	246	38.92	-104.62
3	245.09	-60.68	-13.00	-47.68	1.00 H	19	44.03	-104.71
4	371.61	-52.86	-13.00	-39.86	1.50 H	6	48.49	-101.35
5	434.87	-57.71	-13.00	-44.71	1.00 H	144	42.50	-100.21
6	536.09	-59.21	-13.00	-46.21	1.00 H	77	39.34	-98.55

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

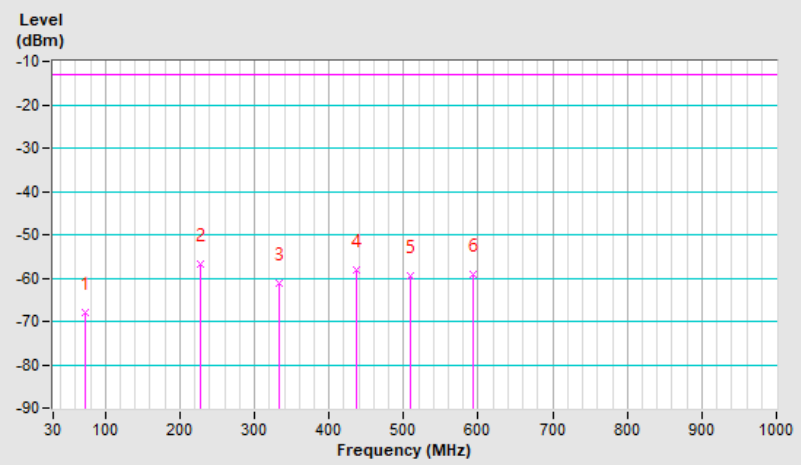


RF Mode	LTE Band 66B Channel Bandwidth: 10MHz + 10MHz	Channel	CH 132373 (1750.1MHz) + CH 132472 (1760.0MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	72.17	-67.95	-13.00	-54.95	1.50 V	72	38.46	-106.41
2	228.22	-56.89	-13.00	-43.89	1.00 V	311	49.52	-106.41
3	333.65	-61.18	-13.00	-48.18	1.50 V	358	40.88	-102.06
4	436.28	-58.16	-13.00	-45.16	1.50 V	170	42.03	-100.19
5	509.38	-59.37	-13.00	-46.37	1.00 V	180	39.54	-98.91
6	593.72	-59.31	-13.00	-46.31	1.00 V	228	37.57	-96.88

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



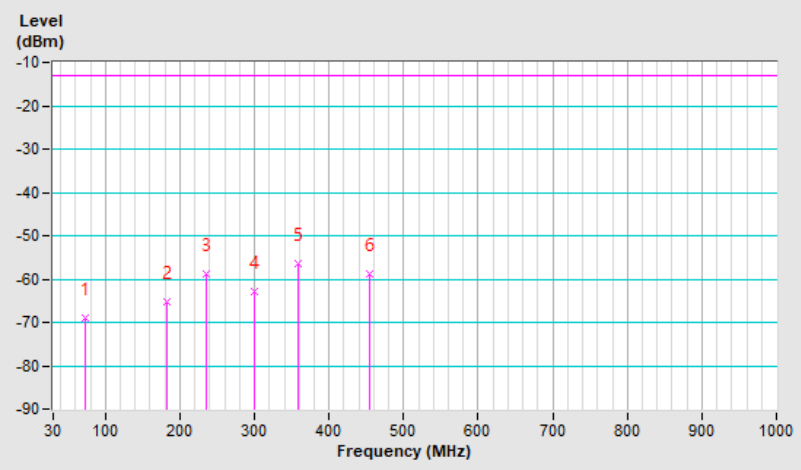
7.2.11 LTE Band 66C

RF Mode	LTE Band 66C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 132072 (1720.0MHz) + CH 132270 (1739.8MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	72.17	-68.91	-13.00	-55.91	1.00 H	14	37.50	-106.41
2	181.83	-65.37	-13.00	-52.37	1.00 H	232	40.12	-105.49
3	235.25	-58.96	-13.00	-45.96	1.00 H	337	46.48	-105.44
4	299.91	-63.03	-13.00	-50.03	1.00 H	357	39.71	-102.74
5	358.96	-56.55	-13.00	-43.55	1.00 H	4	45.18	-101.73
6	454.55	-58.86	-13.00	-45.86	1.00 H	215	40.94	-99.80

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

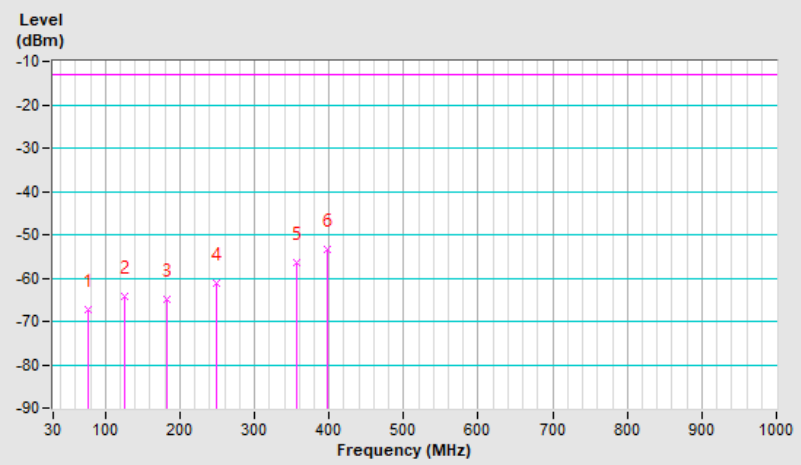


RF Mode	LTE Band 66C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 132072 (1720.0MHz) + CH 132270 (1739.8MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	77.80	-67.31	-13.00	-54.31	1.00 V	249	40.38	-107.69
2	125.59	-64.23	-13.00	-51.23	1.50 V	242	41.40	-105.63
3	181.83	-64.96	-13.00	-51.96	1.50 V	265	40.53	-105.49
4	249.30	-61.06	-13.00	-48.06	1.00 V	21	43.48	-104.54
5	357.55	-56.32	-13.00	-43.32	1.00 V	6	45.46	-101.78
6	398.32	-53.23	-13.00	-40.23	1.00 V	0	47.86	-101.09

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



7.3 Radiated Spurious Emissions above 1GHz

7.3.1 LTE Band 2C

RF Mode	LTE Band 2C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 18700 (1860.0MHz) + CH 18898 (1879.8MHz)
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3756.90	-48.47	-13.00	-35.47	1.68 H	58	39.98	-88.45
2	3760.00	-48.62	-13.00	-35.62	1.42 H	23	39.81	-88.43
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3756.90	-49.33	-13.00	-36.33	1.85 V	173	39.12	-88.45
2	3760.00	-49.44	-13.00	-36.44	1.90 V	188	38.99	-88.43

Remarks:

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

7.3.2 LTE Band 5B

RF Mode	LTE Band 5B Channel Bandwidth: 10MHz + 10MHz	Channel	CH 20476 (831.6MHz) + CH 20575 (841.5MHz)
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1663.20	-57.79	-13.00	-44.79	1.45 H	25	42.24	-100.03
2	1683.00	-57.28	-13.00	-44.28	2.01 H	185	42.61	-99.89
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1663.20	-58.05	-13.00	-45.05	1.96 V	210	41.98	-100.03
2	1683.00	-57.77	-13.00	-44.77	1.77 V	180	42.12	-99.89

Remarks:

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

7.3.3 LTE Band 7C

RF Mode	LTE Band 7C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 21152 (2540.2MHz) + CH 21350 (2560.0MHz)
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5050.20	-44.52	-25.00	-19.52	1.41 H	201	38.46	-82.98
2	5089.80	-43.35	-25.00	-18.35	1.90 H	174	39.23	-82.58
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5050.20	-44.96	-25.00	-19.96	1.63 V	255	38.02	-82.98
2	5089.80	-43.69	-25.00	-18.69	2.10 V	196	38.89	-82.58

Remarks:

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

7.3.4 LTE Band 38C

RF Mode	LTE Band 38C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 37850 (2580.0MHz) + CH 38048 (2599.8MHz)
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5160.00	-44.82	-25.00	-19.82	1.55 H	141	37.80	-82.62
2	5199.60	-45.00	-25.00	-20.00	1.96 H	220	37.88	-82.88
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5160.00	-45.48	-25.00	-20.48	1.96 V	78	37.14	-82.62
2	5199.60	-45.57	-25.00	-20.57	2.31 V	140	37.31	-82.88

Remarks:

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

7.3.5 LTE Band 41C

RF Mode	LTE Band 41C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 41292 (2660.2MHz) + CH 41490 (2680.0MHz)
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5320.40	-44.17	-25.00	-19.17	1.45 H	201	38.42	-82.59
2	5360.00	-43.27	-25.00	-18.27	1.64 H	102	39.11	-82.38
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5320.40	-44.79	-25.00	-19.79	2.16 V	188	37.80	-82.59
2	5360.00	-43.78	-25.00	-18.78	1.02 V	119	38.60	-82.38

Remarks:

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

7.3.6 LTE Band 42C (3450-3550MHz)

RF Mode	LTE Band 42C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 42190 (3460.0MHz) + CH 42388 (3479.8MHz)
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6920.00	-44.43	-13.00	-31.43	1.81 H	153	34.42	-78.85
2	6959.60	-44.07	-13.00	-31.07	1.82 H	143	34.48	-78.55
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6920.00	-45.80	-13.00	-32.80	2.16 V	175	33.05	-78.85
2	6959.60	-45.47	-13.00	-32.47	2.11 V	171	33.08	-78.55

Remarks:

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

RF Mode	LTE Band 42C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 42491 (3490.1MHz) + CH 42689 (3509.9MHz)
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6980.00	-43.95	-13.00	-30.95	1.72 H	142	34.46	-78.41
2	7019.60	-43.96	-13.00	-30.96	1.83 H	157	34.45	-78.41
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6980.00	-45.33	-13.00	-32.33	2.16 V	182	33.08	-78.41
2	7019.60	-45.34	-13.00	-32.34	2.23 V	165	33.07	-78.41

Remarks:

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

RF Mode	LTE Band 42C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 42791 (3520.1MHz) + CH 42990 (3540.0MHz)
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7040.40	-44.08	-13.00	-31.08	1.83 H	144	34.48	-78.56
2	7080.00	-44.27	-13.00	-31.27	1.81 H	142	34.47	-78.74
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7040.40	-45.49	-13.00	-32.49	2.16 V	175	33.07	-78.56
2	7080.00	-45.65	-13.00	-32.65	2.23 V	186	33.09	-78.74

Remarks:

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

7.3.7 LTE Band 42C (3550-3600MHz)

RF Mode	LTE Band 42C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 43190 (3560.0MHz) + CH 43388 (3579.8MHz)
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7120.00	-44.44	-40.00	-4.44	1.81 H	152	33.96	-78.40
2	7159.60	-44.15	-40.00	-4.15	1.78 H	146	33.57	-77.72
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7120.00	-45.84	-40.00	-5.84	2.11 V	168	32.56	-78.40
2	7159.60	-45.52	-40.00	-5.52	2.15 V	167	32.20	-77.72

Remarks:

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

RF Mode	LTE Band 42C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 43241 (3565.1MHz) + CH 43439 (3584.9MHz)
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7130.00	-44.14	-40.00	-4.14	1.82 H	142	34.06	-78.20
2	7169.60	-44.30	-40.00	-4.30	1.86 H	147	33.35	-77.65
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7130.00	-45.54	-40.00	-5.54	2.14 V	188	32.66	-78.20
2	7169.60	-45.71	-40.00	-5.71	2.17 V	186	31.94	-77.65

Remarks:

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

RF Mode	LTE Band 42C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 43292 (3570.2MHz) + CH 43490 (3590.0MHz)
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7140.40	-43.99	-40.00	-3.99	1.82 H	143	34.00	-77.99
2	7180.00	-43.98	-40.00	-3.98	1.81 H	142	33.61	-77.59
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7140.40	-45.39	-40.00	-5.39	2.11 V	171	32.60	-77.99
2	7180.00	-45.40	-40.00	-5.40	2.14 V	175	32.19	-77.59

Remarks:

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

7.3.8 LTE Band 43C

RF Mode	LTE Band 43C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 43690 (3610.0MHz) + CH 43888 (3629.8MHz)
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7220.00	-43.17	-40.00	-3.17	1.78 H	148	34.49	-77.66
2	7259.60	-43.48	-40.00	-3.48	1.86 H	147	34.48	-77.96
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7220.00	-43.87	-40.00	-3.87	2.31 V	186	33.79	-77.66
2	7259.60	-44.19	-40.00	-4.19	2.21 V	181	33.77	-77.96

Remarks:

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

RF Mode	LTE Band 43C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 43991 (3640.1MHz) + CH 44189 (3659.9MHz)
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7280.20	-43.47	-40.00	-3.47	1.81 H	142	34.48	-77.95
2	7319.80	-43.45	-40.00	-3.45	1.74 H	144	34.47	-77.92
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7280.20	-44.17	-40.00	-4.17	2.15 V	194	33.78	-77.95
2	7319.80	-44.12	-40.00	-4.12	2.14 V	189	33.80	-77.92

Remarks:

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

RF Mode	LTE Band 43C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 44292 (3670.2MHz) + CH 44490 (3690.0MHz)
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7340.40	-43.44	-40.00	-3.44	1.83 H	156	34.46	-77.90
2	7380.00	-43.14	-40.00	-3.14	1.76 H	152	34.48	-77.62
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7340.40	-44.15	-40.00	-4.15	2.16 V	193	33.75	-77.90
2	7380.00	-43.88	-40.00	-3.88	2.17 V	191	33.74	-77.62

Remarks:

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

7.3.9 LTE Band 48C

RF Mode	LTE Band 48C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 55340 (3560.0MHz) + CH 55538 (3579.8MHz)
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7120.00	-43.38	-40.00	-3.38	1.42 H	152	35.02	-78.40
2	**7159.60**	**-42.61**	**-40.00**	**-2.61**	**1.74 H**	**163**	**35.11**	**-77.72**
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7120.00	-43.66	-40.00	-3.66	2.14 V	196	34.74	-78.40
2	7159.60	-43.09	-40.00	-3.09	1.32 V	222	34.63	-77.72

Remarks:

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

RF Mode	LTE Band 48C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 55891 (3615.1MHz) + CH 56089 (3634.9MHz)
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7230.20	-43.14	-40.00	-3.14	1.82 H	149	34.62	-77.76
2	7269.80	-44.37	-40.00	-4.37	1.78 H	146	33.59	-77.96
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7230.20	-43.80	-40.00	-3.80	2.26 V	193	33.96	-77.76
2	7269.80	-44.11	-40.00	-4.11	2.26 V	193	33.85	-77.96

Remarks:

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

RF Mode	LTE Band 48C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 56442 (3670.2MHz) + CH 56640 (3690.0MHz)
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7340.40	-43.51	-40.00	-3.51	1.72 H	143	34.39	-77.90
2	7380.00	-43.04	-40.00	-3.04	1.77 H	147	34.58	-77.62
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7340.40	-44.91	-40.00	-4.91	2.15 V	175	32.99	-77.90
2	7380.00	-44.50	-40.00	-4.50	2.23 V	181	33.12	-77.62

Remarks:

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

7.3.10 LTE Band 66B

RF Mode	LTE Band 66B Channel Bandwidth: 10MHz + 10MHz	Channel	CH 132373 (1750.1MHz) + CH 132472 (1760.0MHz)
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3500.20	-50.81	-13.00	-37.81	1.42 H	89	39.25	-90.06
2	3520.00	-49.06	-13.00	-36.06	1.62 H	142	40.87	-89.93
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3500.20	-51.17	-13.00	-38.17	1.96 V	231	38.89	-90.06
2	3520.00	-49.60	-13.00	-36.60	2.65 V	185	40.33	-89.93

Remarks:

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

7.3.11 LTE Band 66C

RF Mode	LTE Band 66C Channel Bandwidth: 20MHz + 20MHz	Channel	CH 132072 (1720.0MHz) + CH 132270 (1739.8MHz)
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 67% RH
Tested By	Luis Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3440.00	-50.25	-13.00	-37.25	1.52 H	100	40.24	-90.49
2	3479.60	-50.36	-13.00	-37.36	1.78 H	211	39.89	-90.25
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3440.00	-50.65	-13.00	-37.65	1.94 V	152	39.84	-90.49
2	3479.60	-50.84	-13.00	-37.84	1.34 V	142	39.41	-90.25

Remarks:

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

8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

9 Information of the Testing Laboratories

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

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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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