

TEST REPORT

CERTIFICATE OF CONFORMITY

Standard: 47 CFR FCC Part 22
47 CFR FCC Part 27
47 CFR FCC Part 2

Report No.: RFCDVB-WTW-P25040434-2

FCC ID: QYLLN920V12

Product: LN920 radio module

Brand: Getac

Model No.: LN920A12-WW

Received Date: 2025/4/21

Test Date: 2025/5/23 ~ 2025/6/26

Issued Date: 2025/7/11

Applicant: Getac Technology Corporation.

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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
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FCC Registration / 281270 / TW0032

Designation Number:

Approved by: Jeremy Lin, Date: 2025/7/11
Jeremy Lin / Project Engineer

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Prepared by : Gina Liu / Specialist



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Release Control Record

Issue No.	Description	Date Issued
RFCDVB-WTW-P25040434-2	Original release.	2025/7/11

1 Certificate

Product: LN920 radio module

Brand: Getac

Test Model: LN920A12-WW

Sample Status: Engineering sample

Applicant: Getac Technology Corporation.

Test Date: 2025/5/23 ~ 2025/6/26

Standard: 47 CFR FCC Part 22
47 CFR FCC Part 27
47 CFR FCC Part 2

Measurement procedure: ANSI/TIA/EIA-603-E 2016
ANSI C63.26-2015
KDB 971168 D01 Power Meas License Digital Systems v03r01
KDB 971168 D02 Misc Rev Approv License Devices v02r02

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

2 Summary of Test Results

Standard / Clause	Test Item	Result	Remark
Part 2.1046 Part 22.913 (a) Part 27.50(h)	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	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 27.53(m)	Conducted Spurious Emissions	N/A	Refer to Note
Part 2.1053 Part 22.917 Part 27.53(m)	Radiated Spurious Emissions below 1GHz	Pass	Minimum passing margin is -21.39 dB at 326.82 MHz
Part 2.1053 Part 22.917 Part 27.53(m)	Radiated Spurious Emissions above 1GHz	Pass	Minimum passing margin is -12.89 dB at 5166.20 MHz
Part 2.1055 Part 22.355 Part 27.54	Frequency Stability	N/A	Refer to Note

Notes:

- Only test item of Radiated Spurious Emissions, Effective Radiated Power and Equivalent Isotropically Radiated Power were performed for this report. Other testing data please refer to SGS Taiwan Ltd. report no.: TERF2206000797ER for module (Brand: Telit, Model: LN920A12-WW)
- Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.1 Measurement Uncertainty

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

Parameter	Specification	Uncertainty (±)
Effective Radiated Power and Equivalent Isotropically Radiated Power	-	1.371 dB
Radiated Spurious Emissions below 1GHz	9 kHz ~ 30 MHz	3 dB
	30 MHz ~ 1 GHz	2.92 dB
Radiated Spurious Emissions above 1GHz	1 GHz ~ 18 GHz	1.76 dB
	18 GHz ~ 40 GHz	1.77 dB

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

2.2 Supplementary Information

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

3 General Information

3.1 General Description of EUT

Product	LN920 radio module
Brand	Getac
Test Model	LN920A12-WW
Status of EUT	Engineering sample
Power Supply Rating	Refer to Note
Modulation Type	LTE: QPSK, 16QAM, 64QAM
LTE bands support CA mode	5B, 7C, 38C, 41C

Note:

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

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

2. The End-product uses following accessories.

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

* After pre-tested all the modes and found battery 1 was the worst.

3. EUT Overview

LTE Band 5B

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)
5+10 MHz	826.8 ~ 844.0	QPSK	136.144	21.34
		16QAM	95.280	19.79
		64QAM	59.429	17.74
10+5 MHz	829.0 ~ 846.2	QPSK	137.088	21.37
		16QAM	104.472	20.19
		64QAM	62.230	17.94
10+10 MHz	829.0 ~ 844.0	QPSK	138.676	21.42
		16QAM	105.682	20.24
		64QAM	64.269	18.08

LTE Band 7C

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
10+20 MHz	2505.5 ~ 2560.0	QPSK	104.954	20.21
		16QAM	79.799	19.02
		64QAM	47.643	16.78
15+15 MHz	2507.5 ~ 2562.5	QPSK	105.682	20.24
		16QAM	79.433	19.00
		64QAM	47.206	16.74
15+20 MHz	2507.8 ~ 2560.0	QPSK	103.992	20.17
		16QAM	78.163	18.93
		64QAM	46.452	16.67
20+10 MHz	2510.0 ~ 2564.5	QPSK	103.039	20.13
		16QAM	78.705	18.96
		64QAM	46.881	16.71
20+15 MHz	2510.0 ~ 2562.2	QPSK	104.232	20.18
		16QAM	79.799	19.02
		64QAM	48.195	16.83
20+20 MHz	2510.0 ~ 2560.0	QPSK	106.905	20.29
		16QAM	80.910	19.08
		64QAM	47.643	16.78

LTE Band 38C

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
15+15 MHz	2577.5 ~ 2612.5	QPSK	122.462	20.88
		16QAM	93.325	19.70
		64QAM	58.210	17.65
20+20 MHz	2580.0 ~ 2610.0	QPSK	127.350	21.05
		16QAM	98.401	19.93
		64QAM	55.463	17.44

LTE Band 41C

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
5+20 MHz	2499.3 ~ 2680.0	QPSK	134.896	21.30
		16QAM	102.565	20.11
		64QAM	68.234	18.34
10+20 MHz	2501.5 ~ 2680.0	QPSK	136.458	21.35
		16QAM	102.565	20.11
		64QAM	66.681	18.24
15+15 MHz	2503.5 ~ 2682.5	QPSK	135.207	21.31
		16QAM	104.713	20.20
		64QAM	67.453	18.29
15+20 MHz	2503.8 ~ 2680.0	QPSK	133.660	21.26
		16QAM	103.514	20.15
		64QAM	67.453	18.29
20+5 MHz	2506.0 ~ 2686.7	QPSK	135.519	21.32
		16QAM	103.276	20.14
		64QAM	67.920	18.32
20+10 MHz	2506.0 ~ 2684.5	QPSK	137.721	21.39
		16QAM	102.802	20.12
		64QAM	66.988	18.26
20+15 MHz	2506.0 ~ 2682.2	QPSK	134.586	21.29
		16QAM	103.992	20.17
		64QAM	67.298	18.28
20+20 MHz	2506.0 ~ 2680.0	QPSK	138.357	21.41
		16QAM	103.514	20.15
		64QAM	67.298	18.28

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

E-UTRA CA configuration / Bandwidth combination set				
E-UTRA CA configuration	Uplink CA configurations	Component carriers in order of increasing carrier frequency		Maximum aggregated bandwidth (MHz)
		Channel bandwidths for carrier (MHz)	Channel bandwidths for carrier (MHz)	
CA_5B	CA_5B	5	10	15
		10	5	
		10	10	20
CA_7C	CA_7C	10	20	30
		15	15	
		15	20	35
		20	10	30
		20	15	35
		20	20	40
CA_38C	CA_38C	15	15	30
		20	20	40
CA_41C	CA_41C	5	20	25
		10	20	30
		15	15	
		15	20	35
		20	5	25
		20	10	30
		20	15	35
		20	20	40

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

* 5B is continuous CA and maximum combination is 10M+10M.

* 7C/38C/41C are continuous CA and maximum combination is 20M+20M.

5. For detailed information about each WWAN bands frequency range, bandwidth mode of the product, please refer to section 3.3 of the report.

6. 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)	
			Ant 1 - Main Gain (dBi)	Ant 2 - AUX Gain (dBi)
PIFA	IPEX I	LTE 5	0.74	—
		LTE 7	1.99	-0.08
		LTE 38	0.69	-1.22
		LTE 41	1.99	-0.08

*The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

* WWAN test were fixed on Main Antenna.

3.3 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	1. EUT can be used in the following ways: X-axis/ Y-axis/ Z-axis/NB-axis. Pre-scan these ways and find the worst case as a representative test condition. 2. For radiated spurious emissions, choose the maximum EIRP/ERP power and 1RB offset worst case for final test.
Worst Case:	X-axis/ Y-axis/ Z-axis/NB-axis Worst Condition: NB-axis

3.3.1 LTE Band 5B

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	20428(826.80 MHz) + 20500(834.00 MHz) 20478(831.80 MHz) + 20550(839.00 MHz) 20528(836.80 MHz) + 20600(844.00 MHz)	5 MHz + 10 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	20450(829.00 MHz) + 20522(836.20 MHz) 20500(834.00 MHz) + 20572(841.20 MHz) 20550(839.00 MHz) + 20622(846.20 MHz)	10 MHz + 5 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	20450(829.00 MHz) + 20549(838.90 MHz) 20476(831.60 MHz) + 20575(841.50 MHz) 20501(834.10 MHz) + 20600(844.00 MHz)	10 MHz + 10 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	20501(834.10 MHz) + 20600(844.00 MHz)	10 MHz + 10 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	20428(826.80 MHz) + 20500(834.00 MHz) 20478(831.80 MHz) + 20550(839.00 MHz) 20528(836.80 MHz) + 20600(844.00 MHz)	5 MHz + 10 MHz	QPSK	1 RB
	20450(829.00 MHz) + 20522(836.20 MHz) 20500(834.00 MHz) + 20572(841.20 MHz) 20550(839.00 MHz) + 20622(846.20 MHz)	10 MHz + 5 MHz	QPSK	1 RB
	20450(829.00 MHz) + 20549(838.90 MHz) 20476(831.60 MHz) + 20575(841.50 MHz) 20501(834.10 MHz) + 20600(844.00 MHz)	10 MHz + 10 MHz	QPSK	1 RB

3.3.2 LTE Band 7C

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	20805(2505.50 MHz) + 20949(2519.90 MHz) 21006(2525.60 MHz) + 21150(2540.00 MHz) 21206(2545.60 MHz) + 21350(2560.00 MHz)	10 MHz + 20 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	20825(2507.50 MHz) + 20975(2522.50 MHz) 21025(2527.50 MHz) + 21175(2542.50 MHz) 21225(2547.50 MHz) + 21375(2562.50 MHz)	15 MHz + 15 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	20828(2507.80 MHz) + 20999(2524.90 MHz) 21003(2525.30 MHz) + 21174(2542.40 MHz) 21179(2542.90 MHz) + 21350(2560.00 MHz)	15 MHz + 20 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	20850(2510.00 MHz) + 20994(2524.40 MHz) 21051(2530.10 MHz) + 21195(2544.50 MHz) 21251(2550.10 MHz) + 21395(2564.50 MHz)	20 MHz + 10 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	20850(2510.00 MHz) + 21021(2527.10 MHz) 21026(2527.60 MHz) + 21197(2544.70 MHz) 21201(2545.10 MHz) + 21372(2562.20 MHz)	20 MHz + 15 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	20850(2510.00 MHz) + 21048(2529.80 MHz) 21001(2525.10 MHz) + 21199(2544.90 MHz) 21152(2540.20 MHz) + 21350(2560.00 MHz)	20 MHz + 20 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	20850(2510.00 MHz) + 21048(2529.80 MHz)	20 MHz + 20 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	20805(2505.50 MHz) + 20949(2519.90 MHz) 21006(2525.60 MHz) + 21150(2540.00 MHz) 21206(2545.60 MHz) + 21350(2560.00 MHz)	10 MHz + 20 MHz	QPSK	1 RB
	20825(2507.50 MHz) + 20975(2522.50 MHz) 21025(2527.50 MHz) + 21175(2542.50 MHz) 21225(2547.50 MHz) + 21375(2562.50 MHz)	15 MHz + 15 MHz	QPSK	1 RB
	20828(2507.80 MHz) + 20999(2524.90 MHz) 21003(2525.30 MHz) + 21174(2542.40 MHz) 21179(2542.90 MHz) + 21350(2560.00 MHz)	15 MHz + 20 MHz	QPSK	1 RB

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
Radiated Spurious Emissions above 1GHz	20850(2510.00 MHz) + 20994(2524.40 MHz) 21051(2530.10 MHz) + 21195(2544.50 MHz) 21251(2550.10 MHz) + 21395(2564.50 MHz)	20 MHz + 10 MHz	QPSK	1 RB
	20850(2510.00 MHz) + 21021(2527.10 MHz) 21026(2527.60 MHz) + 21197(2544.70 MHz) 21201(2545.10 MHz) + 21372(2562.20 MHz)	20 MHz + 15 MHz	QPSK	1 RB
	20850(2510.00 MHz) + 21048(2529.80 MHz) 21001(2525.10 MHz) + 21199(2544.90 MHz) 21152(2540.20 MHz) + 21350(2560.00 MHz)	20 MHz + 20 MHz	QPSK	1 RB

3.3.3 LTE Band 38C

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	37825(2577.50 MHz) + 37975(2592.50 MHz) 37925(2587.50 MHz) + 38075(2602.50 MHz) 38025(2597.50 MHz) + 38175(2612.50 MHz)	15 MHz + 15 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	37850(2580.00 MHz) + 38048(2599.80 MHz) 37901(2585.10 MHz) + 38099(2604.90 MHz) 37952(2590.20 MHz) + 38150(2610.00 MHz)	20 MHz + 20 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	37850(2580.00 MHz) + 38048(2599.80 MHz)	20 MHz + 20 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	37825(2577.50 MHz) + 37975(2592.50 MHz) 37925(2587.50 MHz) + 38075(2602.50 MHz) 38025(2597.50 MHz) + 38175(2612.50 MHz)	15 MHz + 15 MHz	QPSK	1 RB
	37850(2580.00 MHz) + 38048(2599.80 MHz) 37901(2585.10 MHz) + 38099(2604.90 MHz) 37952(2590.20 MHz) + 38150(2610.00 MHz)	20 MHz + 20 MHz	QPSK	1 RB

3.3.4 LTE Band 41C

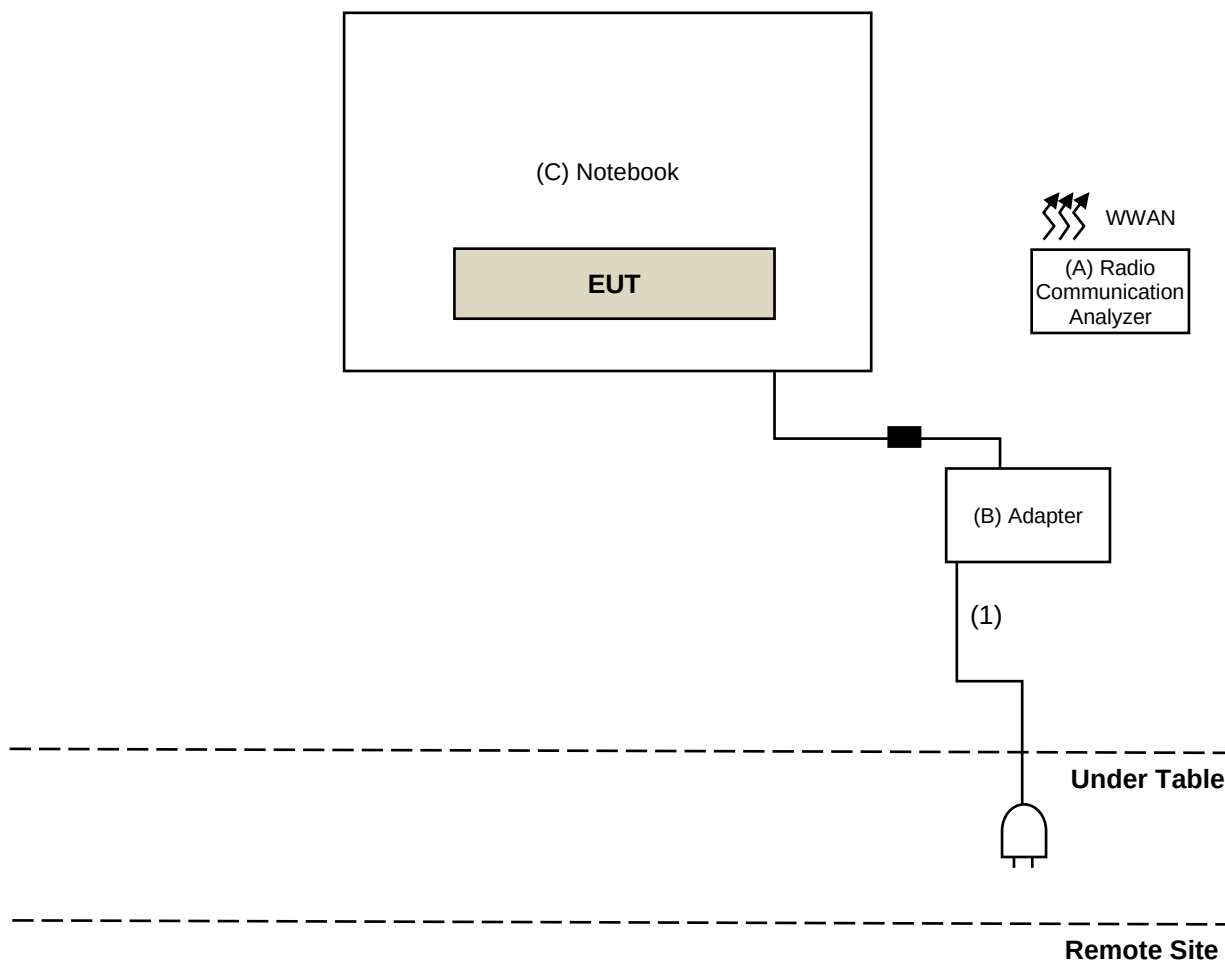
Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	39683(2499.30 MHz) + 39800(2511.00 MHz) 40528(2583.80 MHz) + 40645(2595.50 MHz) 41373(2688.30 MHz) + 41490(2680.00 MHz)	5 MHz + 20 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	39705(2501.50 MHz) + 39849(2515.90 MHz) 40526(2583.60 MHz) + 40670(2598.00 MHz) 41346(2665.60 MHz) + 41490(2680.00 MHz)	10 MHz + 20 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	39725(2503.50 MHz) + 39875(2518.00 MHz) 40545(2585.50 MHz) + 40695(2600.50 MHz) 41365(2667.50 MHz) + 41515(2682.50 MHz)	15 MHz + 15 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	39728(2503.80 MHz) + 39899(2520.90 MHz) 40523(2583.30 MHz) + 40694(2600.40 MHz) 41319(2662.90 MHz) + 41490(2680.00 MHz)	15 MHz + 20 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	39750(2506.00 MHz) + 39867(2517.70 MHz) 40595(2590.50 MHz) + 40712(2602.20 MHz) 41440(2675.00 MHz) + 41557(2686.70 MHz)	20 MHz + 5 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	39750(2506.00 MHz) + 39894(2520.40 MHz) 40571(2588.10 MHz) + 40715(2602.50 MHz) 41391(2670.10 MHz) + 41535(2684.50 MHz)	20 MHz + 10 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	39750(2506.00 MHz) + 39921(2523.10 MHz) 40546(2585.60 MHz) + 40717(2602.70 MHz) 41341(2665.10 MHz) + 41512(2682.20 MHz)	20 MHz + 15 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
	39750(2506.00 MHz) + 39948(2525.80 MHz) 40521(2583.10 MHz) + 40719(2602.90 MHz) 41292(2660.20 MHz) + 41490(2680.00 MHz)	20 MHz + 20 MHz	QPSK / 16QAM / 64QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	40521(2583.10 MHz) + 40719(2602.90 MHz)	20 MHz + 20 MHz	QPSK	1 RB

Radiated Spurious Emissions above 1GHz	39683(2499.30 MHz) + 39800(2511.00 MHz) 40528(2583.80 MHz) + 40645(2595.50 MHz) 41373(2688.30 MHz) + 41490(2680.00 MHz)	5 MHz + 20 MHz	QPSK	1 RB
	39705(2501.50 MHz) + 39849(2515.90 MHz) 40526(2583.60 MHz) + 40670(2598.00 MHz) 41346(2665.60 MHz) + 41490(2680.00 MHz)	10 MHz + 20 MHz	QPSK	1 RB
	39725(2503.50 MHz) + 39875(2518.00 MHz) 40545(2585.50 MHz) + 40695(2600.50 MHz) 41365(2667.50 MHz) + 41515(2682.50 MHz)	15 MHz + 15 MHz	QPSK	1 RB
	39728(2503.80 MHz) + 39899(2520.90 MHz) 40523(2583.30 MHz) + 40694(2600.40 MHz) 41319(2662.90 MHz) + 41490(2680.00 MHz)	15 MHz + 20 MHz	QPSK	1 RB
	39750(2506.00 MHz) + 39867(2517.70 MHz) 40595(2590.50 MHz) + 40712(2602.20 MHz) 41440(2675.00 MHz) + 41557(2686.70 MHz)	20 MHz + 5 MHz	QPSK	1 RB
	39750(2506.00 MHz) + 39894(2520.40 MHz) 40571(2588.10 MHz) + 40715(2602.50 MHz) 41391(2670.10 MHz) + 41535(2684.50 MHz)	20 MHz + 10 MHz	QPSK	1 RB
	39750(2506.00 MHz) + 39921(2523.10 MHz) 40546(2585.60 MHz) + 40717(2602.70 MHz) 41341(2665.10 MHz) + 41512(2682.20 MHz)	20 MHz + 15 MHz	QPSK	1 RB
	39750(2506.00 MHz) + 39948(2525.80 MHz) 40521(2583.10 MHz) + 40719(2602.90 MHz) 41292(2660.20 MHz) + 41490(2680.00 MHz)	20 MHz + 20 MHz	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	Radio Communication Analyzer	Anritsu	MT8821C	6201462755	NA	Provided by Lab
B	Adapter	FSP	FSP065-RBBN3	NA	NA	Supplied by applicant
C	Notebook	Getac	V120	N/A	N/A	Supplied by applicant

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	Power cable	1	1.75	No	No	Supplied by applicant

4 Test Instruments

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

4.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

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

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2025/6/22 ~ 2025/6/26

4.2 Radiated Spurious Emissions below 1GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower KaiTuo	N/A	N/A	N/A	N/A
Antenna Tower Controller KaiTuo	KT-2000	N/A	N/A	N/A
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-995	2024/10/9	2025/10/8
Loop Antenna TESEQ	HLA 6121	45745	2024/8/21	2025/8/20
MXE EMI Receiver Agilent	N9038A	MY52260177	2024/9/19	2025/9/18
Preamplifier EMCI	EMC330N	980783	2025/1/14	2026/1/13
PXA Signal Analyzer Keysight	N9030B	MY57140488	2025/3/11	2026/3/10
RF Coaxial Cable EMCI	EMCCFD400-NM-NM-500	201245	2025/1/14	2026/1/13
	EMCCFD400-NM-NM-3000	201250	2025/1/14	2026/1/13
	EMCCFD400-NM-NM-9000	201252(with PAD)	2025/1/14	2026/1/13
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table Max-Full	MFT-151SS-0.5T	N/A	N/A	N/A
Turn Table Controller Max-Full	MF-7802BS	MF780208675	N/A	N/A

Notes:

1. The test was performed in WM - 966 chamber 7.
2. Tested Date: 2025/6/15

4.3 Radiated Spurious Emissions above 1GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower KaiTuo	N/A	N/A	N/A	N/A
Antenna Tower Controller KaiTuo	KT-2000	N/A	N/A	N/A
Horn Antenna RFSPIN	DRH18-E	210104A18E	2024/11/10	2025/11/9
Horn Antenna Schwarzbeck	BBHA 9170	9170-1048	2024/11/10	2025/11/9
MXE EMI Receiver Agilent	N9038A	MY52260177	2024/9/19	2025/9/18
Preamplifier EMCI	EMC118A45SE	980810	2024/12/26	2025/12/25
	EMC184045SE	980787	2025/1/14	2026/1/13
PXA Signal Analyzer Keysight	N9030B	MY57140488	2025/3/11	2026/3/10
RF Coaxial Cable EMCI	EMC101G-KM-KM-2000	201254	2025/1/14	2026/1/13
	EMC101G-KM-KM-3000	201258	2025/1/14	2026/1/13
	EMC101G-KM-KM-5000	201261	2025/1/14	2026/1/13
	EMC104-SM-SM-1000	210101	2025/1/14	2026/1/13
	EMC104-SM-SM-3000	201242	2025/1/14	2026/1/13
	EMC104-SM-SM-9000	201230	2025/1/14	2026/1/13
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table Max-Full	MFT-151SS-0.5T	N/A	N/A	N/A
Turn Table Controller Max-Full	MF-7802BS	MF780208675	N/A	N/A

Notes:

1. The test was performed in WM - 966 chamber 7.
2. Tested Date: 2025/5/23 ~ 2025/6/18

5 Limits of Test Items

5.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

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.

5.2 Radiated Spurious Emissions below 1GHz

For 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.

5.3 Radiated Spurious Emissions above 1GHz

For 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:

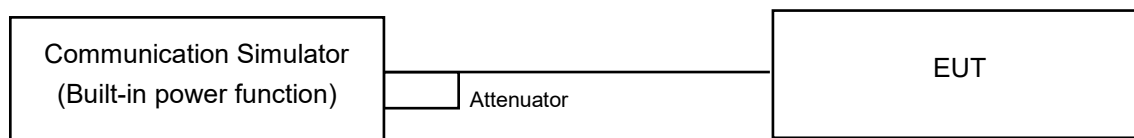
According to FCC 47 CFR part 27.53(m)(4), on any frequency outside a licensee's frequency block, The power of any emission shall be attenuated below the transmitter power (P) by at least $55 + 10 \log(P)$ dB. The emission limit equal to -25 dBm.

6 Test Arrangements

6.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

6.1.1 Test Setup

Conducted Power Measurement:



6.1.2 Test Procedure

Conducted Power Measurement:

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

Maximum EIRP / ERP

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

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

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

where

ERP or EIRP effective radiated power or equivalent isotropically radiated power, respectively

(expressed in the same units as P_{Meas} , e.g., dBm or dBW)

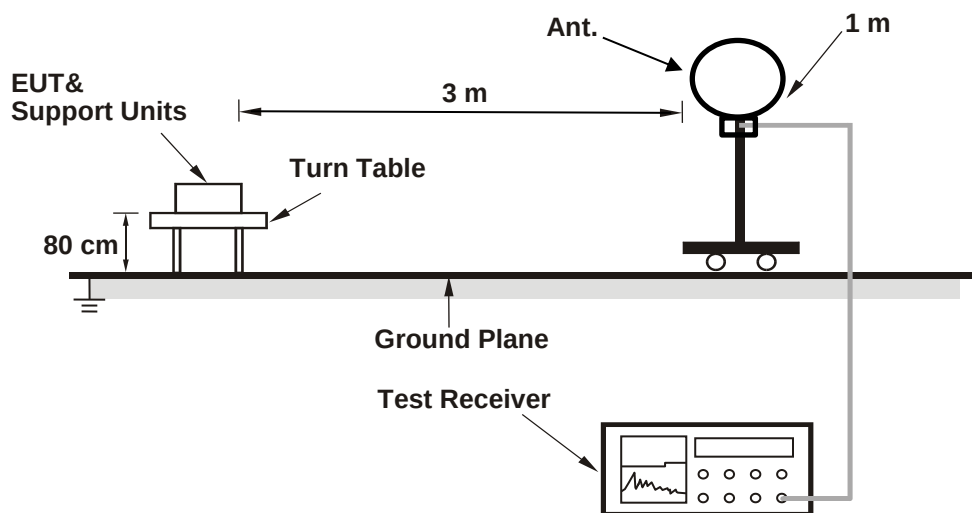
P_{Meas} measured transmitter output power or PSD, in dBm or dBW

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

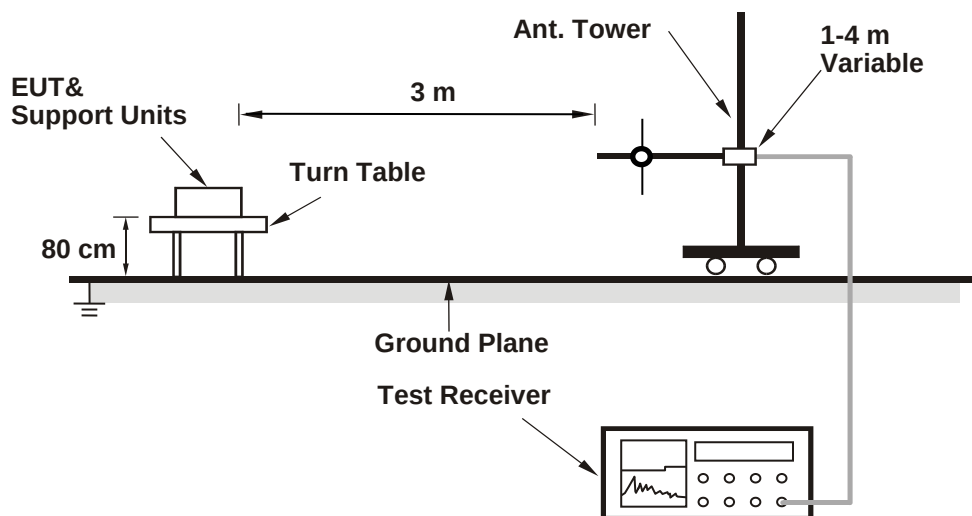
6.2 Radiated Spurious Emissions below 1GHz

6.2.1 Test Setup

For Radiated emission below 30 MHz



For Radiated emission above 30 MHz



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

6.2.2 Test Procedure

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

- a. In the semi-anechoic chamber, EUT placed on the 0.8 m (below or equal 1 GHz) height of turn table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1 m to 4 m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- b. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- c. Perform a field strength measurement and record the worse read value, is the field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor and then mathematically convert the measured field strength level to EIRP/ERP level.
- d. Following ANSI C63.26 section 5.5 and 5.2.7
- e. $EIRP\ (dBm) = E\ (dB\mu V/m) + 20\log(D) - 104.8$; where D is the measurement distance (in the far field region) in m.
- f. $ERP\ (dBm) = E\ (dB\mu V/m) + 20\log(D) - 104.8 - 2.15$; where D is the measurement distance (in the far field region) in m.

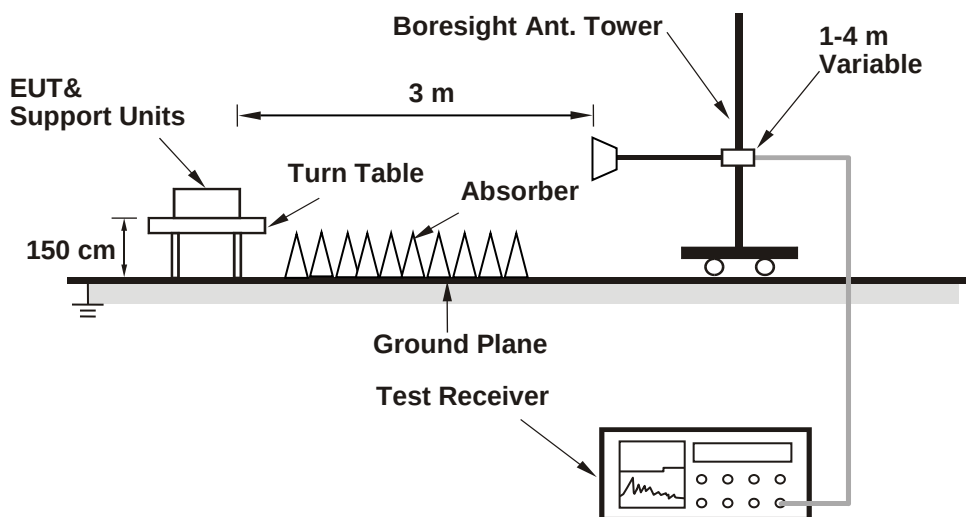
Note:

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

6.3 Radiated Spurious Emissions above 1GHz

6.3.1 Test Setup

For radiated emission above 1 GHz



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

6.3.2 Test Procedure

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

- 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.
- 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.
- 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.
- Following ANSI C63.26 section 5.5 and 5.2.7
- $EIRP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8$; where D is the measurement distance (in the far field region) in m.
- $ERP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8 - 2.15$; where D is the measurement distance (in the far field region) in m.

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

7 Test Results of Test Item

7.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

Input Power:	7.74 Vdc	Environmental Conditions:	22°C, 68% RH	Tested By:	Noah Chang
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7.1.1 LTE Band 5B

Configure	Combination	PCC							SCC							Measurement Power		
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)		
																PCC	SCC	Total
Intra Band Contiguous	5B	5	10	QPSK	1	49	20450	829	5	10	QPSK	1	0	20549	838.9	19.81	19.78	22.81
					50	0						50	0			17.64	17.55	20.61
		5	10	QPSK	1	49	20476	831.6	5	10	QPSK	1	0	20575	841.5	19.86	19.71	22.80
					50	0						50	0			17.59	17.48	20.55
		5	10	QPSK	1	49	20501	834.1	5	10	QPSK	1	0	20600	844	19.89	19.75	22.83
					50	0						50	0			17.66	17.61	20.65
	5B	5	10	QPSK	1	49	20450	829	5	5	QPSK	1	0	20522	836.2	19.75	19.63	22.70
					50	0						25	0			17.63	17.52	20.59
		5	10	QPSK	1	49	20500	834	5	5	QPSK	1	0	20572	841.2	19.82	19.62	22.73
					50	0						25	0			17.45	17.44	20.46
		5	10	QPSK	1	49	20550	839	5	5	QPSK	1	0	20622	846.2	19.84	19.7	22.78
					50	0						25	0			17.65	17.5	20.59
	5B	5	5	QPSK	1	24	20428	826.8	5	10	QPSK	1	0	20500	834	19.7	19.77	22.75
					25	0						50	0			17.45	17.51	20.49
		5	5	QPSK	1	24	20478	831.8	5	10	QPSK	1	0	20550	839	19.72	19.67	22.71
					25	0						50	0			17.47	17.28	20.39
		5	5	QPSK	1	24	20528	836.8	5	10	QPSK	1	0	20600	844	19.75	19.71	22.74
					25	0						50	0			17.62	17.46	20.55
	5B	5	10	16QAM	1	49	20450	829	5	10	16QAM	1	0	20549	838.9	18.64	18.63	21.65
					50	0						50	0			16.47	16.3	19.40
		5	10	16QAM	1	49	20476	831.6	5	10	16QAM	1	0	20575	841.5	18.7	18.45	21.59
					50	0						50	0			16.44	16.24	19.35
		5	10	16QAM	1	49	20501	834.1	5	10	16QAM	1	0	20600	844	18.68	18.53	21.62
					50	0						50	0			16.55	16.41	19.49
	5B	5	10	16QAM	1	49	20450	829	5	5	16QAM	1	0	20522	836.2	18.47	18.34	21.42
					50	0						25	0			16.51	16.25	19.39
		5	10	16QAM	1	49	20500	834	5	5	16QAM	1	0	20572	841.2	18.62	18.43	21.54
					50	0						25	0			16.18	16.19	19.20
		5	10	16QAM	1	49	20550	839	5	5	16QAM	1	0	20622	846.2	18.61	18.57	21.60
					50	0						25	0			16.54	16.28	19.42
	5B	5	5	16QAM	1	24	20428	826.8	5	10	16QAM	1	0	20500	834	18.58	18.56	21.58
					25	0						50	0			16.22	16.28	19.26
		5	5	16QAM	1	24	20478	831.8	5	10	16QAM	1	0	20550	839	18.59	18.48	21.55
					25	0						50	0			16.2	16.04	19.13
		5	5	16QAM	1	24	20528	836.8	5	10	16QAM	1	0	20600	844	18.65	18.56	21.62
					25	0						50	0			16.34	16.35	19.36
	5B	5	10	64QAM	1	49	20450	829	5	10	64QAM	1	0	20549	838.9	16.49	16.47	19.49
					50	0						50	0			14.21	13.98	17.11
		5	10	64QAM	1	49	20476	831.6	5	10	64QAM	1	0	20575	841.5	16.38	16.12	19.26
					50	0						50	0			14.16	13.94	17.06
		5	10	64QAM	1	49	20501	834.1	5	10	64QAM	1	0	20600	844	16.51	16.37	19.45
					50	0						50	0			14.27	14.13	17.21
	5B	5	10	64QAM	1	49	20450	829	5	5	64QAM	1	0	20522	836.2	16.24	16.08	19.17
					50	0						25	0			14.3	14.03	17.18
		5	10	64QAM	1	49	20500	834	5	5	64QAM	1	0	20572	841.2	16.38	16.12	19.26
					50	0						25	0			14.02	13.99	17.02
		5	10	64QAM	1	49	20550	839	5	5	64QAM	1	0	20622	846.2	16.31	16.37	19.35
					50	0						25	0			14.39	14.12	17.27
	5B	5	5	64QAM	1	24	20428	826.8	5	10	64QAM	1	0	20500	834	16.32	16.35	19.35
					25	0						50	0			13.93	14.05	17.00
		5	5	64QAM	1	24	20478	831.8	5	10	64QAM	1	0	20550	839	16.31	16.14	19.24
					25	0						50	0			14.01	13.84	16.94
		5	5	64QAM	1	24	20528	836.8	5	10	64QAM	1	0	20600	844	16.33	16.27	19.31
					25	0						50	0			14.01	14.14	17.09

Output Power

7.1.2 LTE Band 7C

Configure	Combination	PCC							SCC							Measurement Power		
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)		
																PCC	SCC	Total
Intra Band Contiguous	7C	7	20	QPSK	1	99	20850	2510	7	20	QPSK	1	0	21048	2529.8	15.34	15.23	18.30
					100	0						100	0			13.22	13.14	16.19
		7	20	QPSK	1	99	21001	2525.1	7	20	QPSK	1	0	21199	2544.9	15.22	15.18	18.21
					100	0						100	0			13.15	13.01	16.09
		7	20	QPSK	1	99	21152	2540.2	7	20	QPSK	1	0	21350	2560	15.27	15.18	18.24
					100	0						100	0			13.24	13.16	16.21
	7C	7	15	QPSK	1	74	20825	2507.5	7	15	QPSK	1	0	20975	2522.5	15.26	15.22	18.25
					75	0						75	0			13.07	12.99	16.04
		7	15	QPSK	1	74	21025	2527.5	7	15	QPSK	1	0	21175	2542.5	15.1	15.02	18.07
					75	0						75	0			13.14	12.97	16.07
		7	15	QPSK	1	74	21225	2547.5	7	15	QPSK	1	0	21375	2562.5	15.2	15.03	18.13
					75	0						75	0			13.12	12.98	16.06
	7C	7	10	QPSK	1	49	20805	2505.5	7	20	QPSK	1	0	20949	2519.9	15.21	15.21	18.22
					50	0						100	0			13.06	12.96	16.02
		7	10	QPSK	1	49	21006	2525.6	7	20	QPSK	1	0	21150	2540	15.21	15.04	18.14
					50	0						100	0			13.09	12.92	16.02
		7	10	QPSK	1	49	21206	2545.6	7	20	QPSK	1	0	21350	2560	15.21	15.04	18.14
					50	0						100	0			13.19	13.01	16.11
	7C	7	20	QPSK	1	99	20828	2507.8	7	10	QPSK	1	0	20994	2524.4	15.21	15.05	18.14
					100	0						50	0			13.16	13.12	16.15
		7	20	QPSK	1	99	21051	2530.1	7	10	QPSK	1	0	21195	2544.5	15.1	15.05	18.09
					100	0						50	0			13.06	12.84	15.96
		7	20	QPSK	1	99	21251	2550.1	7	10	QPSK	1	0	21395	2564.5	15.15	15.05	18.11
					100	0						50	0			13.05	13.13	16.10
	7C	7	15	QPSK	1	74	20850	2507.8	7	20	QPSK	1	0	20999	2524.9	15.17	15.17	18.18
					75	0						100	0			13.06	13.07	16.08
		7	15	QPSK	1	74	21003	2525.3	7	20	QPSK	1	0	21174	2542.4	15.08	15.02	18.06
					75	0						100	0			13.05	12.82	15.95
		7	15	QPSK	1	74	21179	2542.9	7	20	QPSK	1	0	21350	2560	15.23	14.99	18.12
					75	0						100	0			13.19	12.98	16.10
	7C	7	20	QPSK	1	99	20850	2510	7	15	QPSK	1	0	21021	2527.1	15.18	15.17	18.19
					100	0						75	0			13.13	12.97	16.06
		7	20	QPSK	1	99	21026	2527.6	7	15	QPSK	1	0	21197	2544.7	15.2	15.16	18.19
					100	0						75	0			13.08	12.92	16.01
		7	20	QPSK	1	99	21201	2545.1	7	15	QPSK	1	0	21372	2562.2	15.22	15.09	18.17
					100	0						75	0			13.04	12.99	16.03
	7C	7	20	16QAM	1	99	20850	2510	7	20	16QAM	1	0	21048	2529.8	14.14	14.02	17.09
					100	0						100	0			12.03	11.97	15.01
		7	20	16QAM	1	99	21001	2525.1	7	20	16QAM	1	0	21199	2544.9	14.01	13.94	16.99
					100	0						100	0			11.94	11.91	14.94
		7	20	16QAM	1	99	21152	2540.2	7	20	16QAM	1	0	21350	2560	14.03	14.07	17.06
					100	0						100	0			12.1	11.96	15.04
	7C	7	15	16QAM	1	74	20825	2507.5	7	15	16QAM	1	0	20975	2522.5	14.05	13.95	17.01
					75	0						75	0			11.78	11.89	14.85
		7	15	16QAM	1	74	21025	2527.5	7	15	16QAM	1	0	21175	2542.5	13.99	13.73	16.87
					75	0						75	0			11.98	11.74	14.87
		7	15	16QAM	1	74	21225	2547.5	7	15	16QAM	1	0	21375	2562.5	13.93	13.79	16.87
					75	0						75	0			11.99	11.85	14.93
	7C	7	10	16QAM	1	49	20805	2505.5	7	20	16QAM	1	0	20949	2519.9	13.97	14.07	17.03
					50	0						100	0			11.79	11.8	14.81
		7	10	16QAM	1	49	21006	2525.6	7	20	16QAM	1	0	21150	2540	13.96	13.77	16.88
					50	0						100	0			11.94	11.73	14.85
		7	10	16QAM	1	49	21206	2545.6	7	20	16QAM	1	0	21350	2560	13.99	13.88	16.95
					50	0						100	0			12.05	11.86	14.97
	7C	7	20	16QAM	1	99	20828	2507.8	7	10	16QAM	1	0	20994	2524.4	14.05	13.82	16.95
100					0	50						0	12.04			11.89	14.98	
7		20	16QAM	1	99	21051	2530.1	7	10	16QAM	1	0	21195	2544.5	14	13.92	16.97	
				100	0						50	0			11.96	11.6	14.79	
7		20	16QAM	1	99	21251	2550.1	7	10	16QAM	1	0	21395	2564.5	13.93	13.88	16.92	
				100	0						50	0			11.93	12.03	14.99	
7C	7	15	16QAM	1	74	20850	2507.8	7	20	16QAM	1	0	20999	2524.9	13.94	13.92	16.94	
				75	0						100	0			11.78	11.86	14.83	
	7	15	16QAM	1	74	21003	2525.3	7	20	16QAM	1	0	21174	2542.4	13.84	13.83	16.85	
				75	0						100	0			11.89	11.68	14.80	
	7	15	16QAM	1	74	21179	2542.9	7	20	16QAM	1	0	21350	2560	13.99	13.81	16.91	
				75	0						100	0			11.91	11.79	14.86	
7C	7	20	16QAM	1	99	20850	2510	7	15	16QAM	1	0	21021	2527.1	13.95	14.07	17.02	
				100	0						75	0			11.96	11.68	14.83	
	7	20	16QAM	1	99	21026	2527.6	7	15	16QAM	1	0	21197	2544.7	14.1	13.93	17.03	
				100	0						75	0			11.84	11.65	14.76	
	7	20	16QAM	1	99	21201	2545.1	7	15	16QAM	1	0	21372	2562.2	14.11	13.86	17.00	
				100	0						75	0			11.81	11.75	14.79	

Configure	Combination	PCC							SCC							Measurement Power		
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)		
																PCC	SCC	Total
Intra Band Contiguous	7C	7	20	64QAM	1	99	20850	2510	7	20	64QAM	1	0	21048	2529.8	11.81	11.74	14.79
					100	0						100	0			9.69	9.82	12.77
		7	20	64QAM	1	99	21001	2525.1	7	20	64QAM	1	0	21199	2544.9	11.67	11.62	14.66
					100	0						100	0			9.76	9.61	12.70
		7	20	64QAM	1	99	21152	2540.2	7	20	64QAM	1	0	21350	2560	11.8	11.76	14.79
					100	0						100	0			9.9	9.65	12.79
	7C	7	15	64QAM	1	74	20825	2507.5	7	15	64QAM	1	0	20975	2522.5	11.77	11.71	14.75
					75	0						75	0			9.48	9.67	12.59
		7	15	64QAM	1	74	21025	2527.5	7	15	64QAM	1	0	21175	2542.5	11.72	11.5	14.62
					75	0						75	0			9.71	9.5	12.62
		7	15	64QAM	1	74	21225	2547.5	7	15	64QAM	1	0	21375	2562.5	11.74	11.51	14.64
					75	0						75	0			9.71	9.59	12.66
	7C	7	10	64QAM	1	49	20805	2505.5	7	20	64QAM	1	0	20949	2519.9	11.82	11.73	14.79
					50	0						100	0			9.64	9.5	12.58
		7	10	64QAM	1	49	21006	2525.6	7	20	64QAM	1	0	21150	2540	11.77	11.51	14.65
					50	0						100	0			9.69	9.52	12.62
		7	10	64QAM	1	49	21206	2545.6	7	20	64QAM	1	0	21350	2560	11.66	11.62	14.65
					50	0						100	0			9.87	9.57	12.73
	7C	7	20	64QAM	1	99	20828	2507.8	7	10	64QAM	1	0	20994	2524.4	11.85	11.57	14.72
					100	0						50	0			9.86	9.63	12.76
		7	20	64QAM	1	99	21051	2530.1	7	10	64QAM	1	0	21195	2544.5	11.73	11.59	14.67
					100	0						50	0			9.63	9.41	12.53
		7	20	64QAM	1	99	21251	2550.1	7	10	64QAM	1	0	21395	2564.5	11.74	11.65	14.71
					100	0						50	0			9.59	9.87	12.74
	7C	7	15	64QAM	1	74	20850	2507.8	7	20	64QAM	1	0	20999	2524.9	11.65	11.69	14.68
					75	0						100	0			9.56	9.53	12.56
		7	15	64QAM	1	74	21003	2525.3	7	20	64QAM	1	0	21174	2542.4	11.67	11.54	14.62
					75	0						100	0			9.6	9.51	12.57
		7	15	64QAM	1	74	21179	2542.9	7	20	64QAM	1	0	21350	2560	11.72	11.54	14.64
					75	0						100	0			9.62	9.47	12.56
	7C	7	20	64QAM	1	99	20850	2510	7	15	64QAM	1	0	21021	2527.1	11.61	11.79	14.71
					100	0						75	0			9.69	9.38	12.55
		7	20	64QAM	1	99	21026	2527.6	7	15	64QAM	1	0	21197	2544.7	11.88	11.77	14.84
					100	0						75	0			9.51	9.34	12.44
		7	20	64QAM	1	99	21201	2545.1	7	15	64QAM	1	0	21372	2562.2	11.93	11.64	14.80
					100	0						75	0			9.51	9.48	12.51

Output Power

Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	15.95	18.30	17.94	20.29	33.01
16QAM	14.76	17.09	16.75	19.08	33.01
64QAM	12.44	14.84	14.43	16.83	33.01

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

7.1.3 LTE Band 38C

Configure	Combination	PCC							SCC							Measurement Power		
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)		
																PCC	SCC	Total
Intra Band Contiguous	38C	38	20	QPSK	1	99	37850	2580	38	20	QPSK	1	0	38048	2599.8	17.33	17.37	20.36
					100	0						100	0			15.21	15.22	18.23
		38	20	QPSK	1	99	37901	2585.1	38	20	QPSK	1	0	38099	2604.9	17.26	17.29	20.29
					100	0						100	0			15.14	15.25	18.21
		38	20	QPSK	1	99	37952	2590.2	38	20	QPSK	1	0	38150	2610	17.26	17.31	20.30
					100	0						100	0			15.2	15.28	18.25
	38C	38	15	QPSK	1	74	37825	2577.5	38	15	QPSK	1	0	37975	2592.5	17.18	17.18	20.19
					75	0						75	0			15.06	15.16	18.12
		38	15	QPSK	1	74	37925	2587.5	38	15	QPSK	1	0	38075	2602.5	17.1	17.17	20.15
					75	0						75	0			15.05	15.2	18.14
		38	15	QPSK	1	74	38025	2597.5	38	15	QPSK	1	0	38175	2612.5	17.08	17.2	20.15
					75	0						75	0			15.08	15.13	18.12
	38C	38	20	16QAM	1	99	37850	2580	38	20	16QAM	1	0	38048	2599.8	16.23	16.23	19.24
					100	0						100	0			14.1	13.95	17.04
		38	20	16QAM	1	99	37901	2585.1	38	20	16QAM	1	0	38099	2604.9	16.07	16.1	19.10
					100	0						100	0			14.04	14.14	17.10
		38	20	16QAM	1	99	37952	2590.2	38	20	16QAM	1	0	38150	2610	16.1	16.03	19.08
					100	0						100	0			14.08	14.07	17.09
	38C	38	15	16QAM	1	74	37825	2577.5	38	15	16QAM	1	0	37975	2592.5	15.93	16.05	19.00
					75	0						75	0			13.91	13.93	16.93
		38	15	16QAM	1	74	37925	2587.5	38	15	16QAM	1	0	38075	2602.5	15.81	16.05	18.94
					75	0						75	0			13.93	14.1	17.03
		38	15	16QAM	1	74	38025	2597.5	38	15	16QAM	1	0	38175	2612.5	15.91	16.08	19.01
					75	0						75	0			13.81	13.96	16.90
	38C	38	20	64QAM	1	99	37850	2580	38	20	64QAM	1	0	38048	2599.8	13.92	13.97	16.96
					100	0						100	0			11.87	11.77	14.83
		38	20	64QAM	1	99	37901	2585.1	38	20	64QAM	1	0	38099	2604.9	13.86	13.94	16.91
					100	0						100	0			11.87	11.85	14.87
		38	20	64QAM	1	99	37952	2590.2	38	20	64QAM	1	0	38150	2610	13.8	13.77	16.80
					100	0						100	0			11.9	11.83	14.88
	38C	38	15	64QAM	1	74	37825	2577.5	38	15	64QAM	1	0	37975	2592.5	13.61	13.73	16.68
					75	0						75	0			11.63	11.6	14.63
		38	15	64QAM	1	74	37925	2587.5	38	15	64QAM	1	0	38075	2602.5	13.47	13.89	16.70
					75	0						75	0			11.67	11.81	14.75
		38	15	64QAM	1	74	38025	2597.5	38	15	64QAM	1	0	38175	2612.5	13.59	13.89	16.75
					75	0						75	0			11.49	11.8	14.66

Output Power

Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	18.12	20.36	18.81	21.05	33.01
16QAM	16.90	19.24	17.59	19.93	33.01
64QAM	14.63	16.96	15.32	17.65	33.01

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

7.1.4 LTE Band 41C

Configuure	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)		
																PCC	SCC	Total
Intra Band Contiguous	41C	41	20	QPSK	1 100	99 0	39750	2506	41	20	QPSK	1 100	0 0	39948	2525.8	16.36 14.21	16.33 14.11	19.36 17.17
		41	20	QPSK	1 100	99 0	40529	2583.9	41	20	QPSK	1 100	0 0	40712	2602.2	16.41 14.2	16.41 14.18	19.42 17.20
		41	20	QPSK	1 100	99 0	41292	2660.2	41	20	QPSK	1 100	0 0	41490	2680	16.08 14.07	15.95 14	19.03 17.05
		41	15	QPSK	1 75	74 0	39725	2503.5	41	15	QPSK	1 75	0 0	39875	2518.5	16.19 14.18	16.19 13.94	19.20 17.07
		41	15	QPSK	1 75	74 0	40545	2585.5	41	15	QPSK	1 75	0 0	40695	2600.5	16.39 14.02	16.23 14.11	19.32 17.08
		41	15	QPSK	1 75	74 0	41365	2667.5	41	15	QPSK	1 75	0 0	41515	2682.5	16.01 13.95	15.93 13.92	18.98 16.95
		41	5	QPSK	1 25	24 0	39683	2499.3	41	20	QPSK	1 100	0 0	39800	2511	16.24 14.13	16.27 13.94	19.27 17.05
		41	5	QPSK	1 25	24 0	40528	2583.8	41	20	QPSK	1 100	0 0	40645	2595.5	16.27 14	16.33 14.09	19.31 17.06
		41	5	QPSK	1 25	24 0	41373	2668.3	41	20	QPSK	1 100	0 0	41490	2680	15.92 13.93	15.77 13.95	18.86 16.95
		41	20	QPSK	1 100	99 0	39750	2506	41	5	QPSK	1 25	0 0	39867	2517.7	16.31 14.09	16.32 14.02	19.33 17.07
		41	20	QPSK	1 100	99 0	40595	2590	41	5	QPSK	1 25	0 0	40712	2602.2	16.31 14	16.31 14.09	19.32 17.06
		41	20	QPSK	1 100	99 0	41440	2675	41	5	QPSK	1 25	0 0	41557	2686.7	15.89 14.02	15.75 13.94	18.83 16.99
		41	10	QPSK	1 50	49 0	39705	2501.5	41	20	QPSK	1 100	0 0	39849	2515.9	16.3 14.06	16.25 14	19.29 17.04
		41	10	QPSK	1 50	49 0	40526	2583.6	41	20	QPSK	1 100	0 0	40670	2598	16.38 14.05	16.32 14.09	19.36 17.08
		41	10	QPSK	1 50	49 0	41346	2665.6	41	20	QPSK	1 100	0 0	41490	2680	16.07 13.87	15.89 13.8	18.99 16.85
		41	20	QPSK	1 100	99 0	39750	2506	41	10	QPSK	1 50	0 0	39894	2520.4	16.18 14.08	16.23 13.93	19.22 17.02
		41	20	QPSK	1 100	99 0	40571	2588.1	41	10	QPSK	1 50	0 0	40715	2602.5	16.4 14.07	16.37 14.04	19.40 17.07
		41	20	QPSK	1 100	99 0	41391	2670.1	41	10	QPSK	1 50	0 0	41535	2684.5	15.93 14	15.77 13.82	18.86 16.92
		41	15	QPSK	1 75	74 0	39728	2503.8	41	20	QPSK	1 100	0 0	39899	2520.9	16.32 14.1	16.19 13.98	19.27 17.05
		41	15	QPSK	1 75	74 0	40523	2593.3	41	20	QPSK	1 100	0 0	40694	2600.4	16.21 14.1	16.27 14.11	19.25 17.12
		41	15	QPSK	1 75	74 0	41319	2662.9	41	20	QPSK	1 100	0 0	41490	2680	15.9 14.01	15.83 13.91	18.88 16.97
		41	20	QPSK	1 100	99 0	39750	2506	41	15	QPSK	1 75	0 0	39921	2523.1	16.28 14.13	16.15 13.93	19.23 17.04
		41	20	QPSK	1 100	99 0	40546	2585.6	41	15	QPSK	1 75	0 0	40717	2602.7	16.29 14.13	16.28 13.99	19.30 17.07
		41	20	QPSK	1 100	99 0	51341	2665.1	41	15	QPSK	1 75	0 0	41512	2682.2	16.01 13.88	15.88 13.85	18.96 16.88
		41	20	16QAM	1 100	99 0	39750	2506	41	20	16QAM	1 100	0 0	39948	2525.8	15.15 13.05	15 12.85	18.09 15.96
		41	20	16QAM	1 100	99 0	40529	2583.9	41	20	16QAM	1 100	0 0	40712	2602.2	15.18 12.98	15.11 12.97	18.16 15.99
		41	20	16QAM	1 100	99 0	41292	2660.2	41	20	16QAM	1 100	0 0	41490	2680	14.86 12.91	14.7 12.81	17.79 15.87
		41	15	16QAM	1 75	74 0	39725	2503.5	41	15	16QAM	1 75	0 0	39875	2518.5	15.11 12.87	15.07 12.83	18.10 15.86
		41	15	16QAM	1 75	74 0	40545	2585.5	41	15	16QAM	1 75	0 0	40695	2600.5	15.13 12.9	15.26 12.89	18.21 15.91
		41	15	16QAM	1 75	74 0	41365	2667.5	41	15	16QAM	1 75	0 0	41515	2682.5	14.76 12.73	14.75 12.75	17.77 15.75
		41	5	16QAM	1 25	24 0	39683	2499.3	41	20	16QAM	1 100	0 0	39800	2511	15.12 13.02	15.1 12.78	18.12 15.91
		41	5	16QAM	1 25	24 0	40528	2583.8	41	20	16QAM	1 100	0 0	40645	2595.5	15.08 12.87	15.14 12.9	18.12 15.90
		41	5	16QAM	1 25	24 0	41373	2668.3	41	20	16QAM	1 100	0 0	41490	2680	14.91 12.78	14.8 12.67	17.87 15.74
		41	20	16QAM	1 100	99 0	39750	2506	41	5	16QAM	1 25	0 0	39867	2517.7	15.12 13.03	15.08 12.84	18.11 15.95
		41	20	16QAM	1 100	99 0	40595	2590	41	5	16QAM	1 25	0 0	40712	2602.2	15.08 12.97	15.19 13.01	18.15 16.00
		41	20	16QAM	1 100	99 0	41440	2675	41	5	16QAM	1 25	0 0	41557	2686.7	14.86 12.91	14.74 12.67	17.81 15.80



Configure	Combination	PCC							SCC							Measurement Power		
		Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Tx Power with UL-CA Active (dBm)		
																PCC	SCC	Total
Intra Band Contiguous	41C	41	10	16QAM	1	49	39705	2501.5	41	20	16QAM	1	0	39849	2515.9	15.08	15.13	18.12
					50	0						100	0			12.99	12.95	15.98
		41	10	16QAM	1	49	40526	2583.6	41	20	16QAM	1	0	40670	2598	15.08	15.09	18.10
					50	0						100	0			13.03	12.95	16.00
		41	10	16QAM	1	49	41346	2665.6	41	20	16QAM	1	0	41490	2680	14.78	14.64	17.72
					50	0						100	0			12.73	12.79	15.77
		41	20	16QAM	1	99	39750	2506	41	10	16QAM	1	0	39894	2520.4	15.19	15.01	18.11
					100	0						50	0			12.92	12.86	15.90
		41	20	16QAM	1	99	40571	2588.1	41	10	16QAM	1	0	40715	2602.5	15.13	15.11	18.13
					100	0						50	0			12.99	12.95	15.98
		41	20	16QAM	1	99	41391	2670.1	41	10	16QAM	1	0	41535	2684.5	14.91	14.76	17.85
					100	0						50	0			12.78	12.67	15.74
		41	15	16QAM	1	74	39728	2503.8	41	20	16QAM	1	0	39899	2520.9	15.21	14.99	18.11
					75	0						100	0			12.98	12.9	15.95
		41	15	16QAM	1	74	40523	2593.3	41	20	16QAM	1	0	40694	2600.4	15.21	15.08	18.16
					75	0						100	0			12.87	12.86	15.88
		41	15	16QAM	1	74	41319	2662.9	41	20	16QAM	1	0	41490	2680	14.81	14.7	17.77
					75	0						100	0			12.74	12.75	15.76
		41	20	16QAM	1	99	39750	2506	41	15	16QAM	1	0	39921	2523.1	15.05	15.11	18.09
					100	0						75	0			13.03	12.88	15.97
		41	20	16QAM	1	99	40546	2585.6	41	15	16QAM	1	0	40717	2602.7	15.23	15.1	18.18
					100	0						75	0			12.98	12.97	15.99
		41	20	16QAM	1	99	51341	2665.1	41	15	16QAM	1	0	41512	2682.2	14.74	14.74	17.75
					100	0						75	0			12.92	12.8	15.87
		41	20	64QAM	1	99	39750	2506	41	20	64QAM	1	0	39948	2525.8	13.29	13.18	16.25
					100	0						100	0			11.21	11.07	14.15
		41	20	64QAM	1	99	40529	2583.9	41	20	64QAM	1	0	40712	2602.2	13.35	13.31	16.34
					100	0						100	0			11.13	10.99	14.07
		41	20	64QAM	1	99	41292	2660.2	41	20	64QAM	1	0	41490	2680	12.95	12.86	15.92
					100	0						100	0			11.06	10.95	14.02
		41	15	64QAM	1	74	39725	2503.5	41	15	64QAM	1	0	39875	2518.5	13.32	13.25	16.30
					75	0						75	0			11.15	11.03	14.10
		41	15	64QAM	1	74	40545	2585.5	41	15	64QAM	1	0	40695	2600.5	13.22	13.32	16.28
					75	0						75	0			11.02	11.02	14.03
		41	15	64QAM	1	74	41365	2667.5	41	15	64QAM	1	0	41515	2682.5	12.89	12.94	15.93
					75	0						75	0			10.93	10.83	13.89
		41	5	64QAM	1	24	39683	2499.3	41	20	64QAM	1	0	39800	2511	13.2	13.17	16.20
					25	0						100	0			11.08	11.02	14.06
		41	5	64QAM	1	24	40528	2583.8	41	20	64QAM	1	0	40645	2595.5	13.33	13.34	16.35
					25	0						100	0			11.04	11.14	14.10
		41	5	64QAM	1	24	41373	2668.3	41	20	64QAM	1	0	41490	2680	13.07	12.86	15.98
					25	0						100	0			11.07	10.81	13.95
		41	20	64QAM	1	99	39750	2506	41	5	64QAM	1	0	39867	2517.7	13.27	13.24	16.27
					100	0						25	0			11.16	11.1	14.14
		41	20	64QAM	1	99	40595	2590	41	5	64QAM	1	0	40712	2602.2	13.33	13.3	16.33
					100	0						25	0			11.05	11.13	14.10
		41	20	64QAM	1	99	41440	2675	41	5	64QAM	1	0	41557	2686.7	12.96	12.89	15.94
					100	0						25	0			10.98	10.92	13.96
		41	10	64QAM	1	49	39705	2501.5	41	20	64QAM	1	0	39849	2515.9	13.24	13.18	16.22
					50	0						100	0			11.12	11.07	14.11
		41	10	64QAM	1	49	40526	2583.6	41	20	64QAM	1	0	40670	2598	13.24	13.24	16.25
					50	0						100	0			11.13	11.1	14.13
		41	10	64QAM	1	49	41346	2665.6	41	20	64QAM	1	0	41490	2680	12.97	12.85	15.92
					50	0						100	0			10.91	10.86	13.90
		41	20	64QAM	1	99	39750	2506	41	10	64QAM	1	0	39894	2520.4	13.25	13.14	16.21
					100	0						50	0			11.21	11.07	14.15
		41	20	64QAM	1	99	40571	2588.1	41	10	64QAM	1	0	40715	2602.5	13.27	13.25	16.27
					100	0						50	0			11.06	11.14	14.11
		41	20	64QAM	1	99	41391	2670.1	41	10	64QAM	1	0	41535	2684.5	13	12.9	15.96
					100	0						50	0			10.93	10.81	13.88
		41	15	64QAM	1	74	39728	2503.8	41	20	64QAM	1	0	39899	2520.9	13.33	13.21	16.28
					75	0						100	0			11.19	11.02	14.12
		41	15	64QAM	1	74	40523	2593.3	41	20	64QAM	1	0	40694	2600.4	13.34	13.23	16.30
					75	0						100	0			11.08	11.02	14.06
		41	15	64QAM	1	74	41319	2662.9	41	20	64QAM	1	0	41490	2680	12.92	12.92	15.93
					75	0						100	0			11.03	10.91	13.98
		41	20	64QAM	1	99	39750	2506	41	15	64QAM	1	0	39921	2523.1	13.19	13.24	16.23
					100	0						75	0			11.09	11.04	14.08
		41	20	64QAM	1	99	40546	2585.6	41	15	64QAM	1	0	40717	2602.7	13.27	13.28	16.29
					100	0						75	0			11.02	11.1	14.07
		41	20	64QAM	1	99	51341	2665.1	41	15	64QAM	1	0	41512	2682.2	13.04	12.81	15.94
					100	0						75	0			11.04	10.91	13.99

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	18.83	19.42	20.82	21.41	33.01
16QAM	17.72	18.21	19.71	20.20	33.01
64QAM	15.92	16.35	17.91	18.34	33.01

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

7.2 Radiated Spurious Emissions below 1GHz

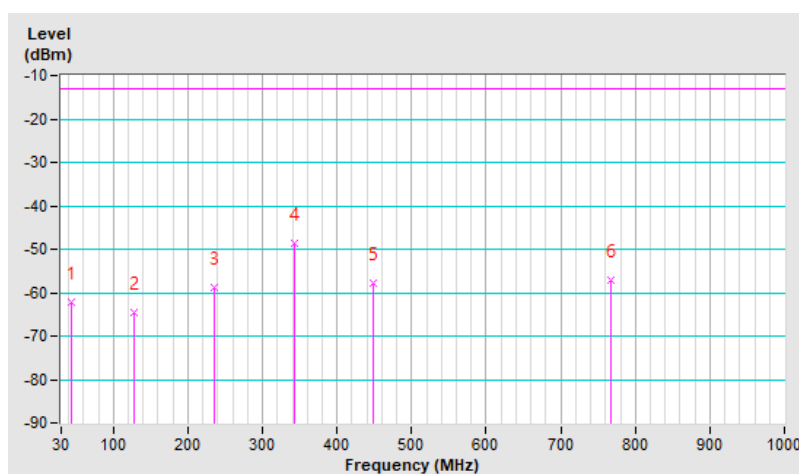
7.2.1 LTE Band 5B

RF Mode	LTE Band 5B Channel Bandwidth: 10+10MHz	Channel	CH 20501+20600 : 834.1+844 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 67% RH
Tested By	Wade Huang		

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	44.55	-62.27	-13.00	-49.27	2.00 H	176	48.24	-110.51
2	127.00	-64.41	-13.00	-51.41	1.51 H	346	47.46	-111.87
3	234.67	-58.71	-13.00	-45.71	1.51 H	88	53.34	-112.05
4	342.34	-48.73	-13.00	-35.73	1.01 H	2	59.71	-108.44
5	449.04	-57.81	-13.00	-44.81	2.00 H	4	47.51	-105.32
6	768.17	-57.15	-13.00	-44.15	1.51 H	304	41.95	-99.10

Remarks:

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

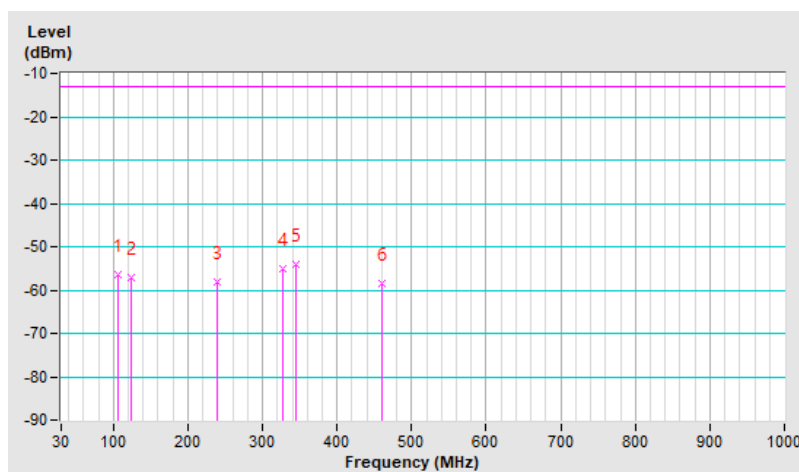


RF Mode	LTE Band 5B Channel Bandwidth: 10+10MHz	Channel	CH 20501+20600 : 834.1+844 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 67% RH
Tested By	Wade Huang		

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	105.66	-56.37	-13.00	-43.37	1.00 V	167	57.51	-113.88
2	124.09	-57.22	-13.00	-44.22	1.00 V	87	54.90	-112.12
3	238.55	-58.00	-13.00	-45.00	1.00 V	270	53.80	-111.80
4	327.79	-55.18	-13.00	-42.18	1.99 V	230	53.37	-108.55
5	345.25	-54.05	-13.00	-41.05	1.49 V	102	54.37	-108.42
6	459.71	-58.31	-13.00	-45.31	1.00 V	182	46.81	-105.12

Remarks:

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



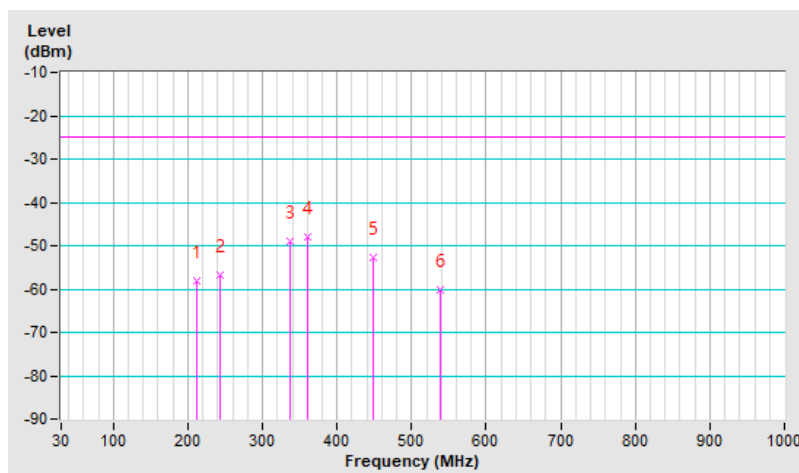
7.2.2 LTE Band 7C

RF Mode	LTE Band 7C Channel Bandwidth: 20+20MHz	Channel	CH 20850+21048 : 2510+2529.8 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 67% RH
Tested By	Wade Huang		

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	212.36	-58.00	-25.00	-33.00	1.00 H	197	53.60	-111.60
2	243.40	-56.94	-25.00	-31.94	1.49 H	101	52.48	-109.42
3	337.49	-48.84	-25.00	-23.84	1.49 H	18	57.44	-106.28
4	359.80	-47.86	-25.00	-22.86	1.00 H	2	58.04	-105.90
5	449.04	-52.69	-25.00	-27.69	1.00 H	148	50.48	-103.17
6	538.28	-60.04	-25.00	-35.04	1.49 H	21	41.80	-101.84

Remarks:

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

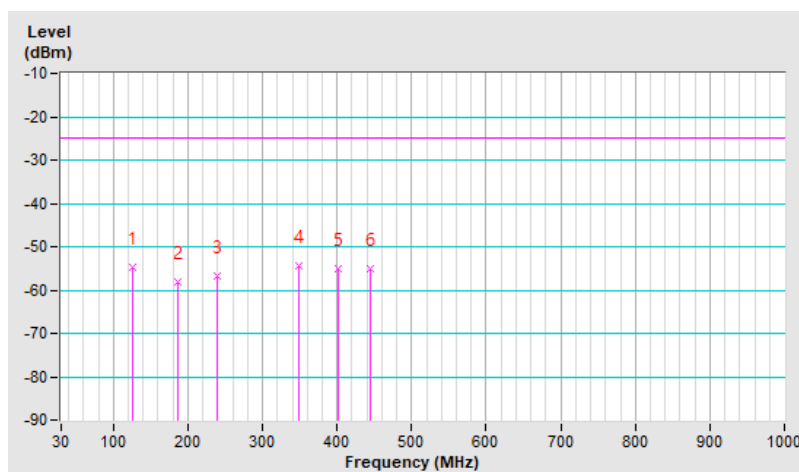


RF Mode	LTE Band 7C Channel Bandwidth: 20+20MHz	Channel	CH 20850+21048 : 2510+2529.8 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 67% RH
Tested By	Wade Huang		

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	126.03	-54.78	-25.00	-29.78	1.00 V	58	54.90	-109.68
2	187.14	-58.27	-25.00	-33.27	1.00 V	182	52.28	-110.55
3	238.55	-56.77	-25.00	-31.77	1.00 V	232	52.88	-109.65
4	349.13	-54.38	-25.00	-29.38	1.49 V	110	51.84	-106.22
5	402.48	-54.96	-25.00	-29.96	1.49 V	122	49.87	-104.83
6	444.19	-54.95	-25.00	-29.95	1.99 V	18	48.36	-103.31

Remarks:

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



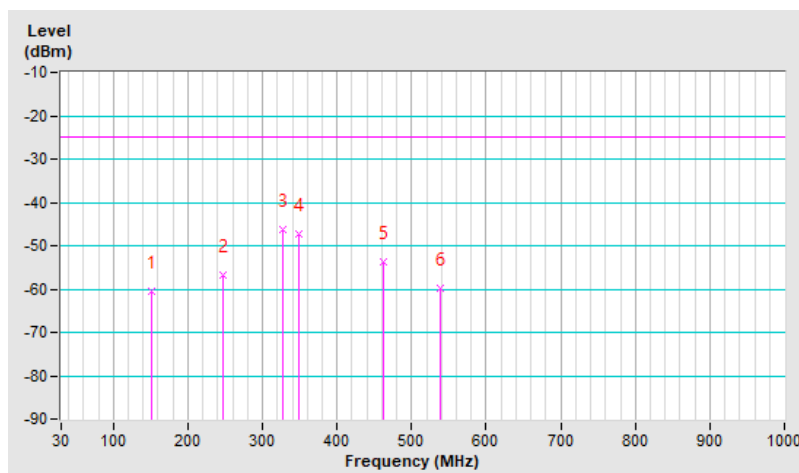
7.2.3 LTE Band 38C

RF Mode	LTE Band 38C Channel Bandwidth: 20+20MHz	Channel	CH 37850+38048 : 2580+2599.8 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 67% RH
Tested By	Wade Huang		

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	152.22	-60.43	-25.00	-35.43	1.00 H	250	47.43	-107.86
2	247.28	-56.70	-25.00	-31.70	1.49 H	93	52.59	-109.29
3	326.82	-46.39	-25.00	-21.39	1.49 H	2	60.05	-106.44
4	348.16	-47.31	-25.00	-22.31	1.49 H	6	58.92	-106.23
5	461.65	-53.76	-25.00	-28.76	1.99 H	276	49.19	-102.95
6	538.28	-59.76	-25.00	-34.76	1.99 H	249	42.08	-101.84

Remarks:

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

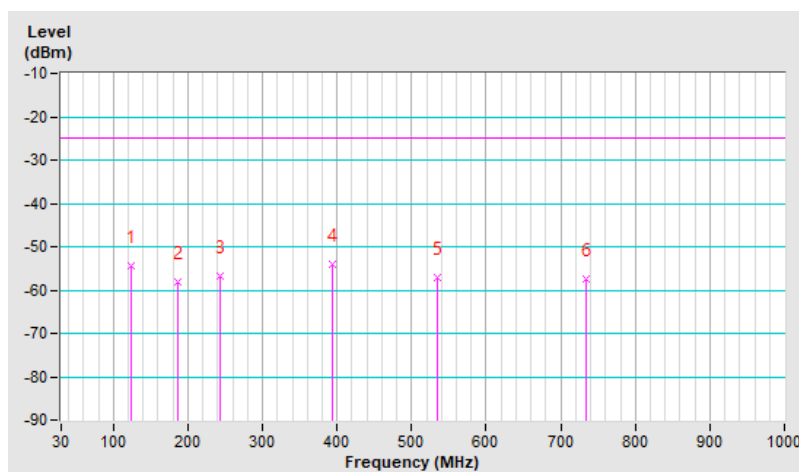


RF Mode	LTE Band 38C Channel Bandwidth: 20+20MHz	Channel	CH 37850+38048 : 2580+2599.8 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 67% RH
Tested By	Wade Huang		

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	124.09	-54.31	-25.00	-29.31	1.01 V	117	55.66	-109.97
2	186.17	-58.07	-25.00	-33.07	1.01 V	158	52.35	-110.42
3	243.40	-56.88	-25.00	-31.88	1.01 V	240	52.54	-109.42
4	394.72	-54.07	-25.00	-29.07	1.50 V	240	50.91	-104.98
5	535.37	-57.24	-25.00	-32.24	1.50 V	314	44.65	-101.89
6	733.25	-57.46	-25.00	-32.46	2.00 V	143	40.27	-97.73

Remarks:

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



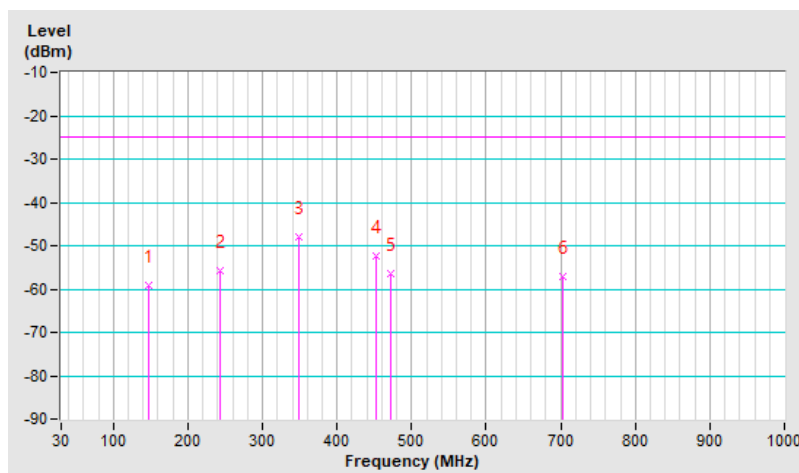
7.2.4 LTE Band 41C

RF Mode	LTE Band 41C Channel Bandwidth: 20+20MHz	Channel	CH 40521+40719 : 2583.1+2602.9 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 67% RH
Tested By	Wade Huang		

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	146.40	-59.27	-25.00	-34.27	2.00 H	222	48.64	-107.91
2	242.43	-55.63	-25.00	-30.63	1.51 H	96	53.83	-109.46
3	349.13	-47.92	-25.00	-22.92	1.01 H	2	58.30	-106.22
4	451.95	-52.49	-25.00	-27.49	1.01 H	351	50.62	-103.11
5	471.35	-56.30	-25.00	-31.30	2.00 H	260	46.56	-102.86
6	703.18	-57.28	-25.00	-32.28	1.01 H	246	40.97	-98.25

Remarks:

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

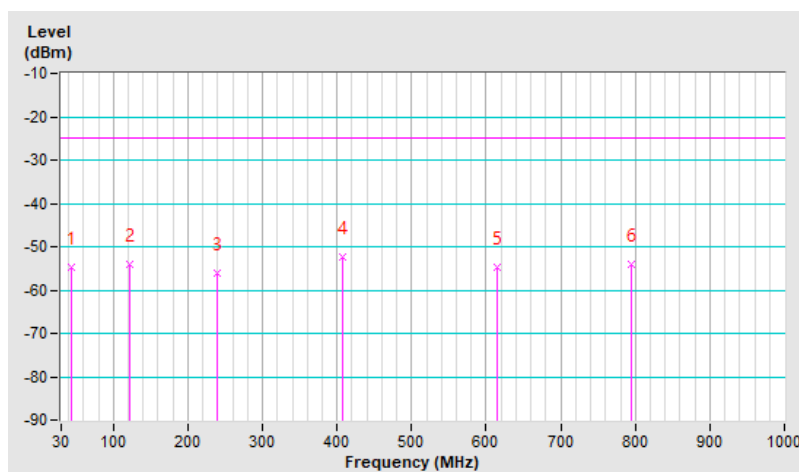


RF Mode	LTE Band 41C Channel Bandwidth: 20+20MHz	Channel	CH 40521+40719 : 2583.1+2602.9 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 67% RH
Tested By	Wade Huang		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	43.58	-54.65	-25.00	-29.65	1.00 V	269	53.79	-108.44
2	122.15	-53.98	-25.00	-28.98	1.00 V	189	56.07	-110.05
3	238.55	-56.06	-25.00	-31.06	1.00 V	226	53.59	-109.65
4	407.33	-52.46	-25.00	-27.46	1.49 V	132	52.27	-104.73
5	613.94	-54.70	-25.00	-29.70	1.99 V	18	44.91	-99.61
6	795.33	-54.07	-25.00	-29.07	1.00 V	355	42.65	-96.72

Remarks:

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



7.3 Radiated Spurious Emissions above 1GHz

7.3.1 LTE Band 5B

RF Mode	LTE Band 5B Channel Bandwidth: 5+10MHz	Channel	CH 20428+20500 : 826.8+834 MHz
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	Wade Huang		

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	1653.60	-58.99	-13.00	-45.99	1.63 H	106	43.02	-102.01
2	1668.00	-59.26	-13.00	-46.26	1.65 H	108	42.67	-101.93
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	1653.60	-56.28	-13.00	-43.28	2.37 V	13	45.73	-102.01
2	1668.00	-56.95	-13.00	-43.95	2.31 V	7	44.98	-101.93

Remarks:

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

RF Mode	LTE Band 5B Channel Bandwidth: 5+10MHz	Channel	CH 20478+20550 : 831.8+839 MHz
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	Wade Huang		

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	1663.60	-57.80	-13.00	-44.80	1.61 H	109	44.15	-101.95
2	1678.00	-57.85	-13.00	-44.85	1.58 H	105	44.02	-101.87
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	1663.60	-56.00	-13.00	-43.00	2.31 V	8	45.95	-101.95
2	1678.00	-56.31	-13.00	-43.31	2.27 V	7	45.56	-101.87

Remarks:

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

RF Mode	LTE Band 5B Channel Bandwidth: 5+10MHz	Channel	CH 20528+20600 : 836.8+844 MHz
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	Wade Huang		

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	1673.60	-57.95	-13.00	-44.95	1.56 H	102	43.94	-101.89
2	1688.00	-58.07	-13.00	-45.07	1.66 H	103	43.74	-101.81
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	1673.60	-56.90	-13.00	-43.90	2.34 V	11	44.99	-101.89
2	1688.00	-57.52	-13.00	-44.52	2.27 V	14	44.29	-101.81

Remarks:

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

RF Mode	LTE Band 5B Channel Bandwidth: 10+5MHz	Channel	CH 20450+20522 : 829+836.2 MHz
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	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1658.00	-59.02	-13.00	-46.02	1.55 H	104	42.96	-101.98
2	1672.40	-59.37	-13.00	-46.37	1.57 H	102	42.53	-101.90
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1658.00	-56.60	-13.00	-43.60	2.32 V	8	45.38	-101.98
2	1672.40	-57.11	-13.00	-44.11	2.33 V	11	44.79	-101.90

Remarks:

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

RF Mode	LTE Band 5B Channel Bandwidth: 10+5MHz	Channel	CH 20500+20572 : 834+841.2 MHz
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	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1668.00	-57.62	-13.00	-44.62	1.57 H	107	44.31	-101.93
2	1682.40	-57.74	-13.00	-44.74	1.62 H	106	44.10	-101.84
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1668.00	-55.80	-13.00	-42.80	2.32 V	7	46.13	-101.93
2	1682.40	-55.93	-13.00	-42.93	2.29 V	8	45.91	-101.84

Remarks:

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

RF Mode	LTE Band 5B Channel Bandwidth: 10+5MHz	Channel	CH 20550+20622 : 839+846.2 MHz
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	Wade Huang		

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	1678.00	-58.78	-13.00	-45.78	1.61 H	103	43.09	-101.87
2	1692.40	-58.96	-13.00	-45.96	1.60 H	101	42.83	-101.79
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	1678.00	-56.64	-13.00	-43.64	2.29 V	6	45.23	-101.87
2	1692.40	-57.03	-13.00	-44.03	2.26 V	8	44.76	-101.79

Remarks:

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

RF Mode	LTE Band 5B Channel Bandwidth: 10+10MHz	Channel	CH 20450+20549 : 829+838.9 MHz
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	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1658.00	-58.13	-13.00	-45.13	1.66 H	105	43.85	-101.98
2	1677.80	-58.27	-13.00	-45.27	1.62 H	103	43.60	-101.87
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1658.00	-56.91	-13.00	-43.91	2.25 V	10	45.07	-101.98
2	1677.80	-57.13	-13.00	-44.13	2.26 V	9	44.74	-101.87

Remarks:

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

RF Mode	LTE Band 5B Channel Bandwidth: 10+10MHz	Channel	CH 20476+20575 : 831.6+841.5 MHz
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	Wade Huang		

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	-57.48	-13.00	-44.48	1.66 H	102	44.47	-101.95
2	1683.00	-57.59	-13.00	-44.59	1.62 H	5	44.25	-101.84
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	-55.59	-13.00	-42.59	2.22 V	8	46.36	-101.95
2	1683.00	-55.76	-13.00	-42.76	2.20 V	5	46.08	-101.84

Remarks:

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

RF Mode	LTE Band 5B Channel Bandwidth: 10+10MHz	Channel	CH 20501+20600 : 834.1+844 MHz
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	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1668.20	-57.99	-13.00	-44.99	1.66 H	108	43.94	-101.93
2	1688.00	-58.32	-13.00	-45.32	1.62 H	102	43.49	-101.81
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1668.20	-56.77	-13.00	-43.77	2.23 V	9	45.16	-101.93
2	1688.00	-57.23	-13.00	-44.23	2.32 V	7	44.58	-101.81

Remarks:

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

7.3.2 LTE Band 7C

RF Mode	LTE Band 7C Channel Bandwidth: 10+20MHz	Channel	CH 20805+20949 : 2505.5+2519.9 MHz
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	Wade Huang		

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	5011.00	-42.89	-25.00	-17.89	1.57 H	255	44.76	-87.65
2	5039.80	-43.32	-25.00	-18.32	1.61 H	251	44.30	-87.62
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	5011.00	-45.42	-25.00	-20.42	1.49 V	202	42.23	-87.65
2	5039.80	-45.88	-25.00	-20.88	1.48 V	202	41.74	-87.62

Remarks:

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

RF Mode	LTE Band 7C Channel Bandwidth: 10+20MHz	Channel	CH 21006+21150 : 2525.6+2540 MHz
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	Wade Huang		

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	5051.20	-42.48	-25.00	-17.48	1.57 H	249	45.12	-87.60
2	5080.00	-42.50	-25.00	-17.50	1.63 H	248	44.98	-87.48
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	5051.20	-44.34	-25.00	-19.34	1.48 V	205	43.26	-87.60
2	5080.00	-44.37	-25.00	-19.37	1.44 V	204	43.11	-87.48

Remarks:

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

RF Mode	LTE Band 7C Channel Bandwidth: 10+20MHz	Channel	CH 21206+21350 : 2545.6+2560 MHz
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	Wade Huang		

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	5091.20	-43.76	-25.00	-18.76	1.62 H	251	43.68	-87.44
2	5120.00	-43.84	-25.00	-18.84	1.55 H	254	43.58	-87.42
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5091.20	-44.96	-25.00	-19.96	1.49 V	199	42.48	-87.44
2	5120.00	-45.72	-25.00	-20.72	1.48 V	200	41.70	-87.42

Remarks:

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

RF Mode	LTE Band 7C Channel Bandwidth: 15+15MHz	Channel	CH 20825+20975 : 2507.5+2522.5 MHz
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	Wade Huang		

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	5015.00	-43.99	-25.00	-18.99	1.65 H	249	43.65	-87.64
2	5045.00	-44.50	-25.00	-19.50	1.62 H	252	43.11	-87.61
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	5015.00	-44.77	-25.00	-19.77	1.44 V	202	42.87	-87.64
2	5045.00	-46.16	-25.00	-21.16	1.44 V	208	41.45	-87.61

Remarks:

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

RF Mode	LTE Band 7C Channel Bandwidth: 15+15MHz	Channel	CH 21025+21175 : 2527.5+2542.5 MHz
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	Wade Huang		

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	5055.00	-42.46	-25.00	-17.46	1.63 H	249	45.12	-87.58
2	5085.00	-42.49	-25.00	-17.49	1.63 H	249	44.98	-87.47
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	5055.00	-44.50	-25.00	-19.50	1.54 V	201	43.08	-87.58
2	5085.00	-44.62	-25.00	-19.62	1.53 V	201	42.85	-87.47

Remarks:

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

RF Mode	LTE Band 7C Channel Bandwidth: 15+15MHz	Channel	CH 21225+21375 : 2547.5+2562.5 MHz
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	Wade Huang		

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	5095.00	-42.59	-25.00	-17.59	1.63 H	250	44.84	-87.43
2	5125.00	-43.90	-25.00	-18.90	1.59 H	251	43.53	-87.43
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	5095.00	-45.46	-25.00	-20.46	1.51 V	201	41.97	-87.43
2	5125.00	-46.08	-25.00	-21.08	1.50 V	204	41.35	-87.43

Remarks:

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

RF Mode	LTE Band 7C Channel Bandwidth: 15+20MHz	Channel	CH 20828+20999 : 2507.8+2524.9 MHz
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	Wade Huang		

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	5015.60	-42.83	-25.00	-17.83	1.65 H	257	44.81	-87.64
2	5049.80	-44.00	-25.00	-19.00	1.56 H	255	43.61	-87.61
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	5015.60	-45.36	-25.00	-20.36	1.46 V	210	42.28	-87.64
2	5049.80	-46.25	-25.00	-21.25	1.47 V	206	41.36	-87.61

Remarks:

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

RF Mode	LTE Band 7C Channel Bandwidth: 15+20MHz	Channel	CH 21003+21174 : 2525.3+2542.4 MHz
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	Wade Huang		

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	5015.60	-42.49	-25.00	-17.49	1.60 H	257	45.15	-87.64
2	5049.80	-42.55	-25.00	-17.55	1.62 H	253	45.06	-87.61
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	5015.60	-44.38	-25.00	-19.38	1.52 V	206	43.26	-87.64
2	5049.80	-44.49	-25.00	-19.49	1.56 V	207	43.12	-87.61

Remarks:

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

RF Mode	LTE Band 7C Channel Bandwidth: 15+20MHz	Channel	CH 21179+21350 : 2542.9+2560 MHz
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	Wade Huang		

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	5085.80	-43.76	-25.00	-18.76	1.61 H	256	43.70	-87.46
2	5120.00	-43.91	-25.00	-18.91	1.62 H	251	43.51	-87.42
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5085.80	-44.75	-25.00	-19.75	1.51 V	210	42.71	-87.46
2	5120.00	-45.98	-25.00	-20.98	1.52 V	204	41.44	-87.42

Remarks:

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

RF Mode	LTE Band 7C Channel Bandwidth: 20+10MHz	Channel	CH 20850+20994 : 2510+2524.4 MHz
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	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5020.00	-42.74	-25.00	-17.74	1.62 H	249	44.90	-87.64
2	5048.80	-43.29	-25.00	-18.29	1.67 H	253	44.32	-87.61
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5020.00	-45.25	-25.00	-20.25	1.44 V	204	42.39	-87.64
2	5048.80	-46.61	-25.00	-21.61	1.49 V	201	41.00	-87.61

Remarks:

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

RF Mode	LTE Band 7C Channel Bandwidth: 20+10MHz	Channel	CH 21051+21195 : 2530.1+2544.5 MHz
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	Wade Huang		

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	5060.20	-41.99	-25.00	-16.99	1.59 H	250	45.57	-87.56
2	5089.00	-42.02	-25.00	-17.02	1.60 H	251	45.42	-87.44
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5060.20	-44.58	-25.00	-19.58	1.47 V	200	42.98	-87.56
2	5089.00	-44.69	-25.00	-19.69	1.54 V	206	42.75	-87.44

Remarks:

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

RF Mode	LTE Band 7C Channel Bandwidth: 20+10MHz	Channel	CH 21251+21395 : 2550.1+2564.5 MHz
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	Wade Huang		

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	5100.20	-42.51	-25.00	-17.51	1.63 H	254	44.89	-87.40
2	5129.00	-43.10	-25.00	-18.10	1.60 H	252	44.32	-87.42
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5100.20	-46.01	-25.00	-21.01	1.52 V	201	41.39	-87.40
2	5129.00	-46.39	-25.00	-21.39	1.48 V	204	41.03	-87.42

Remarks:

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

RF Mode	LTE Band 7C Channel Bandwidth: 20+15MHz	Channel	CH 20850+21021 : 2510+2527.1 MHz
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	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5020.00	-42.96	-25.00	-17.96	1.65 H	255	44.68	-87.64
2	5054.20	-43.72	-25.00	-18.72	1.63 H	252	43.87	-87.59
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5020.00	-45.02	-25.00	-20.02	1.44 V	203	42.62	-87.64
2	5054.20	-45.26	-25.00	-20.26	1.50 V	204	42.33	-87.59

Remarks:

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

RF Mode	LTE Band 7C Channel Bandwidth: 20+15MHz	Channel	CH 21026+21197 : 2527.6+2544.7 MHz
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	Wade Huang		

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	5055.20	-42.11	-25.00	-17.11	1.66 H	252	45.47	-87.58
2	5089.40	-42.15	-25.00	-17.15	1.65 H	258	45.29	-87.44
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5055.20	-44.49	-25.00	-19.49	1.48 V	201	43.09	-87.58
2	5089.40	-44.55	-25.00	-19.55	1.46 V	205	42.89	-87.44

Remarks:

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

RF Mode	LTE Band 7C Channel Bandwidth: 20+15MHz	Channel	CH 21201+21372 : 2545.1+2562.2 MHz
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	Wade Huang		

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	5090.20	-43.20	-25.00	-18.20	1.61 H	256	44.24	-87.44
2	5124.40	-43.41	-25.00	-18.41	1.66 H	258	44.02	-87.43
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	5090.20	-45.20	-25.00	-20.20	1.47 V	198	42.24	-87.44
2	5124.40	-45.70	-25.00	-20.70	1.46 V	203	41.73	-87.43

Remarks:

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

RF Mode	LTE Band 7C Channel Bandwidth: 20+20MHz	Channel	CH 20850+21048 : 2510+2529.8 MHz
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	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5020.00	-42.39	-25.00	-17.39	1.58 H	248	45.25	-87.64
2	5059.60	-43.11	-25.00	-18.11	1.62 H	253	44.45	-87.56
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5020.00	-44.73	-25.00	-19.73	1.48 V	207	42.91	-87.64
2	5059.60	-45.64	-25.00	-20.64	1.50 V	210	41.92	-87.56

Remarks:

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

RF Mode	LTE Band 7C Channel Bandwidth: 20+20MHz	Channel	CH 21001+21199 : 2525.1+2544.9 MHz
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	Wade Huang		

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	-41.92	-25.00	-16.92	1.63 H	251	45.68	-87.60
2	5089.80	-41.95	-25.00	-16.95	1.56 H	250	45.49	-87.44
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5050.20	-44.23	-25.00	-19.23	1.52 V	213	43.37	-87.60
2	5089.80	-44.33	-25.00	-19.33	1.49 V	209	43.11	-87.44

Remarks:

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

RF Mode	LTE Band 7C Channel Bandwidth: 20+20MHz	Channel	CH 21152+21350 : 2540.2+2560 MHz
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	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5080.40	-42.23	-25.00	-17.23	1.59 H	247	45.25	-87.48
2	5120.00	-43.47	-25.00	-18.47	1.63 H	249	43.95	-87.42
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5080.40	-44.80	-25.00	-19.80	1.48 V	206	42.68	-87.48
2	5120.00	-45.16	-25.00	-20.16	1.54 V	209	42.26	-87.42

Remarks:

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

7.3.3 LTE Band 38C

RF Mode	LTE Band 38C Channel Bandwidth: 15+15MHz	Channel	CH 37825+37975 : 2577.5+2592.5 MHz
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	Wade Huang		

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	5155.00	-41.90	-25.00	-16.90	1.45 H	248	45.54	-87.44
2	5185.00	-43.22	-25.00	-18.22	1.44 H	247	44.24	-87.46
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	5155.00	-43.32	-25.00	-18.32	1.44 V	222	44.12	-87.44
2	5185.00	-43.41	-25.00	-18.41	1.37 V	229	44.05	-87.46

Remarks:

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

RF Mode	LTE Band 38C Channel Bandwidth: 15+15MHz	Channel	CH 37925+38075 : 2587.5+2602.5 MHz
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	Wade Huang		

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	5175.00	-41.26	-25.00	-16.26	1.45 H	254	46.20	-87.46
2	5205.00	-41.42	-25.00	-16.42	1.46 H	250	46.08	-87.50
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	5175.00	-42.78	-25.00	-17.78	1.36 V	222	44.68	-87.46
2	5205.00	-43.00	-25.00	-18.00	1.43 V	223	44.50	-87.50

Remarks:

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

RF Mode	LTE Band 38C Channel Bandwidth: 15+15MHz	Channel	CH 38025+38175 : 2597.5+2612.5 MHz
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	Wade Huang		

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	5195.00	-42.05	-25.00	-17.05	1.47 H	251	45.42	-87.47
2	5225.00	-42.77	-25.00	-17.77	1.45 H	254	44.79	-87.56
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5195.00	-43.89	-25.00	-18.89	1.45 V	227	43.58	-87.47
2	5225.00	-44.68	-25.00	-19.68	1.41 V	223	42.88	-87.56

Remarks:

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

RF Mode	LTE Band 38C Channel Bandwidth: 20+20MHz	Channel	CH 37850+38048 : 2580+2599.8 MHz
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	Wade Huang		

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	-41.41	-25.00	-16.41	1.51 H	257	46.04	-87.45
2	5199.60	-41.94	-25.00	-16.94	1.49 H	252	45.54	-87.48
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5160.00	-44.21	-25.00	-19.21	1.35 V	220	43.24	-87.45
2	5199.60	-44.32	-25.00	-19.32	1.36 V	223	43.16	-87.48

Remarks:

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

RF Mode	LTE Band 38C Channel Bandwidth: 20+20MHz	Channel	CH 37901+38099 : 2585.1+2604.9 MHz
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	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5170.20	-40.90	-25.00	-15.90	1.51 H	253	46.56	-87.46
2	5209.80	-41.13	-25.00	-16.13	1.52 H	251	46.39	-87.52
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5170.20	-42.61	-25.00	-17.61	1.41 V	221	44.85	-87.46
2	5209.80	-42.83	-25.00	-17.83	1.36 V	220	44.69	-87.52

Remarks:

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

RF Mode	LTE Band 38C Channel Bandwidth: 20+20MHz	Channel	CH 37952+38150 : 2590.2+2610 MHz
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	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5180.40	-41.48	-25.00	-16.48	1.56 H	250	45.98	-87.46
2	5220.00	-42.44	-25.00	-17.44	1.46 H	251	45.10	-87.54
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5180.40	-42.92	-25.00	-17.92	1.40 V	226	44.54	-87.46
2	5220.00	-44.45	-25.00	-19.45	1.42 V	223	43.09	-87.54

Remarks:

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

7.3.4 LTE Band 41C

RF Mode	LTE Band 41C Channel Bandwidth: 5+20MHz	Channel	CH 39683+39800 : 2499.3+2511 MHz
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	Wade Huang		

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	4988.60	-40.25	-25.00	-15.25	1.16 H	255	47.45	-87.70
2	5022.00	-44.90	-25.00	-19.90	1.37 H	293	42.74	-87.64
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4988.60	-42.48	-25.00	-17.48	1.58 V	93	45.22	-87.70
2	5022.00	-45.16	-25.00	-20.16	2.15 V	263	42.48	-87.64

Remarks:

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

RF Mode	LTE Band 41C Channel Bandwidth: 5+20MHz	Channel	CH 40528+40645 : 2583.8+2595.5 MHz
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	Wade Huang		

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	5167.60	-38.94	-25.00	-13.94	1.19 H	250	48.52	-87.46
2	5191.00	-44.10	-25.00	-19.10	1.31 H	289	43.37	-87.47
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	5167.60	-40.90	-25.00	-15.90	1.64 V	88	46.56	-87.46
2	5191.00	-44.39	-25.00	-19.39	2.18 V	265	43.08	-87.47

Remarks:

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

RF Mode	LTE Band 41C Channel Bandwidth: 5+20MHz	Channel	CH 41373+41490 : 2688.3+2680 MHz
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	Wade Huang		

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	5360.00	-44.93	-25.00	-19.93	1.35 H	290	42.74	-87.67
2	5376.60	-40.08	-25.00	-15.08	1.21 H	249	47.55	-87.63
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	5360.00	-44.95	-25.00	-19.95	2.20 V	261	42.72	-87.67
2	5376.60	-42.16	-25.00	-17.16	1.63 V	87	45.47	-87.63

Remarks:

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

RF Mode	LTE Band 41C Channel Bandwidth: 10+20MHz	Channel	CH 39705+39849 : 2501.5+2515.9 MHz
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	Wade Huang		

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	5003.00	-39.10	-25.00	-14.10	1.21 H	251	48.56	-87.66
2	5031.80	-39.66	-25.00	-14.66	1.20 H	253	47.97	-87.63
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	5003.00	-45.09	-25.00	-20.09	2.18 V	263	42.57	-87.66
2	5031.80	-45.98	-25.00	-20.98	2.13 V	266	41.65	-87.63

Remarks:

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

RF Mode	LTE Band 41C Channel Bandwidth: 10+20MHz	Channel	CH 40526+40670 : 2583.6+2598 MHz
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	Wade Huang		

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	5167.20	-38.49	-25.00	-13.49	1.26 H	248	48.96	-87.45
2	5196.00	-38.84	-25.00	-13.84	1.25 H	249	48.63	-87.47
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	5167.20	-44.00	-25.00	-19.00	2.18 V	261	43.45	-87.45
2	5196.00	-44.08	-25.00	-19.08	2.19 V	261	43.39	-87.47

Remarks:

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

RF Mode	LTE Band 41C Channel Bandwidth: 10+20MHz	Channel	CH 41346+41490 : 2665.6+2680 MHz
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	Wade Huang		

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	5331.20	-40.36	-25.00	-15.36	1.21 H	255	47.35	-87.71
2	5360.00	-39.94	-25.00	-14.94	1.19 H	255	47.73	-87.67
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	5331.20	-45.09	-25.00	-20.09	2.18 V	265	42.62	-87.71
2	5360.00	-45.65	-25.00	-20.65	2.22 V	263	42.02	-87.67

Remarks:

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

RF Mode	LTE Band 41C Channel Bandwidth: 15+15MHz	Channel	CH 39725+39875 : 2503.5+2518 MHz
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	Wade Huang		

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	5007.00	-40.29	-25.00	-15.29	1.23 H	254	47.36	-87.65
2	5036.00	-39.55	-25.00	-14.55	1.16 H	248	48.07	-87.62
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	5007.00	-44.73	-25.00	-19.73	2.13 V	261	42.92	-87.65
2	5036.00	-44.77	-25.00	-19.77	2.20 V	265	42.85	-87.62

Remarks:

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

RF Mode	LTE Band 41C Channel Bandwidth: 15+15MHz	Channel	CH 40545+40695 : 2585.5+2600.5 MHz
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	Wade Huang		

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	5171.00	-38.35	-25.00	-13.35	1.23 H	254	49.11	-87.46
2	5201.00	-38.62	-25.00	-13.62	1.16 H	249	48.86	-87.48
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	5171.00	-43.88	-25.00	-18.88	2.20 V	261	43.58	-87.46
2	5201.00	-44.19	-25.00	-19.19	2.13 V	267	43.29	-87.48

Remarks:

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

RF Mode	LTE Band 41C Channel Bandwidth: 15+20MHz	Channel	CH 41365+41515 : 2667.5+2682.5 MHz
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	Wade Huang		

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	5335.00	-40.43	-25.00	-15.43	1.20 H	25	47.29	-87.72
2	5365.00	-39.66	-25.00	-14.66	1.25 H	253	47.99	-87.65
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	5335.00	-45.92	-25.00	-20.92	2.14 V	267	41.80	-87.72
2	5365.00	-44.66	-25.00	-19.66	2.16 V	263	42.99	-87.65

Remarks:

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

RF Mode	LTE Band 41C Channel Bandwidth: 15+20MHz	Channel	CH 39728+39899 : 2503.8+2520.9 MHz
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	Wade Huang		

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	5007.60	-39.10	-25.00	-14.10	1.20 H	253	48.55	-87.65
2	5041.80	-40.24	-25.00	-15.24	1.28 H	255	47.37	-87.61
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	5007.60	-44.56	-25.00	-19.56	2.19 V	270	43.09	-87.65
2	5041.80	-45.84	-25.00	-20.84	2.16 V	269	41.77	-87.61

Remarks:

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

RF Mode	LTE Band 41C Channel Bandwidth: 15+20MHz	Channel	CH 40523+40694 : 2583.3+2600.4 MHz
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	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5166.60	-38.43	-25.00	-13.43	1.23 H	254	49.02	-87.45
2	5200.80	-38.53	-25.00	-13.53	1.27 H	251	48.95	-87.48
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5166.60	-43.81	-25.00	-18.81	2.22 V	273	43.64	-87.45
2	5200.80	-44.07	-25.00	-19.07	2.19 V	268	43.41	-87.48

Remarks:

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

RF Mode	LTE Band 41C Channel Bandwidth: 15+20MHz	Channel	CH 41319+41490 : 2662.9+2680 MHz
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	Wade Huang		

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	5325.80	-39.70	-25.00	-14.70	1.20 H	256	48.02	-87.72
2	5360.00	-40.11	-25.00	-15.11	1.24 H	257	47.56	-87.67
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	5325.80	-44.45	-25.00	-19.45	2.17 V	274	43.27	-87.72
2	5360.00	-45.52	-25.00	-20.52	2.22 V	275	42.15	-87.67

Remarks:

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

RF Mode	LTE Band 41C Channel Bandwidth: 20+5MHz	Channel	CH 39750+39867 : 2506+2517.7 MHz
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	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5012.00	-38.51	-25.00	-13.51	1.28 H	252	49.14	-87.65
2	5035.40	-39.11	-25.00	-14.11	1.29 H	250	48.51	-87.62
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	5012.00	-45.11	-25.00	-20.11	2.22 V	275	42.54	-87.65
2	5035.40	-45.23	-25.00	-20.23	2.19 V	272	42.39	-87.62

Remarks:

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

RF Mode	LTE Band 41C Channel Bandwidth: 20+5MHz	Channel	CH 40595+40712 : 2590.5+2602.2 MHz
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	Wade Huang		

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	5181.00	-38.11	-25.00	-13.11	1.28 H	245	49.35	-87.46
2	5204.40	-38.32	-25.00	-13.32	1.32 H	248	49.18	-87.50
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	5181.00	-44.34	-25.00	-19.34	2.20 V	273	43.12	-87.46
2	5204.40	-44.51	-25.00	-19.51	2.17 V	274	42.99	-87.50

Remarks:

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

RF Mode	LTE Band 41C Channel Bandwidth: 20+5MHz	Channel	CH 41440+41557 : 2675+2686.7 MHz
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	Wade Huang		

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	5350.00	-39.03	-25.00	-14.03	1.31 H	248	48.66	-87.69
2	5373.40	-39.37	-25.00	-14.37	1.26 H	240	48.27	-87.64
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5350.00	-45.92	-25.00	-20.92	2.20 V	279	41.77	-87.69
2	5373.40	-46.14	-25.00	-21.14	2.18 V	274	41.50	-87.64

Remarks:

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

RF Mode	LTE Band 41C Channel Bandwidth: 20+10MHz	Channel	CH 39750+39894 : 2506+2520.4 MHz
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	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5012.00	-39.31	-25.00	-14.31	1.33 H	247	48.34	-87.65
2	5040.80	-39.73	-25.00	-14.73	2.16 H	281	47.89	-87.62
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	5012.00	-44.91	-25.00	-19.91	2.19 V	285	42.74	-87.65
2	5040.80	-46.16	-25.00	-21.16	2.16 V	281	41.46	-87.62

Remarks:

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

RF Mode	LTE Band 41C Channel Bandwidth: 20+10MHz	Channel	CH 40571+40715 : 2588.1+2602.5 MHz
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	Wade Huang		

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	5176.20	-38.14	-25.00	-13.14	1.29 H	251	49.31	-87.45
2	5205.00	-38.26	-25.00	-13.26	1.25 H	252	49.24	-87.50
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	5176.20	-44.39	-25.00	-19.39	2.18 V	279	43.06	-87.45
2	5205.00	-44.51	-25.00	-19.51	2.15 V	284	42.99	-87.50

Remarks:

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

RF Mode	LTE Band 41C Channel Bandwidth: 20+10MHz	Channel	CH 41391+41535 : 2670.1+2684.5 MHz
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	Wade Huang		

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	5340.20	-39.25	-25.00	-14.25	1.25 H	253	48.46	-87.71
2	5369.00	-40.03	-25.00	-15.03	1.30 H	247	47.63	-87.66
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	5340.20	-45.27	-25.00	-20.27	2.24 V	282	42.44	-87.71
2	5369.00	-46.37	-25.00	-21.37	2.19 V	279	41.29	-87.66

Remarks:

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

RF Mode	LTE Band 41C Channel Bandwidth: 20+15MHz	Channel	CH 39750+39921 : 2506+2523.1 MHz
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	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5012.00	-38.45	-25.00	-13.45	1.34 H	247	49.20	-87.65
2	5046.20	-38.55	-25.00	-13.55	1.25 H	253	49.06	-87.61
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5012.00	-44.87	-25.00	-19.87	2.17 V	281	42.78	-87.65
2	5046.20	-45.54	-25.00	-20.54	2.22 V	284	42.07	-87.61

Remarks:

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

RF Mode	LTE Band 41C Channel Bandwidth: 20+15MHz	Channel	CH 40546+40717 : 2585.6+2602.7 MHz
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	Wade Huang		

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	5171.20	-38.01	-25.00	-13.01	1.34 H	253	49.45	-87.46
2	5205.40	-38.12	-25.00	-13.12	1.31 H	249	49.38	-87.50
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	5171.20	-44.05	-25.00	-19.05	2.15 V	280	43.41	-87.46
2	5205.40	-44.20	-25.00	-19.20	2.10 V	279	43.30	-87.50

Remarks:

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

RF Mode	LTE Band 41C Channel Bandwidth: 20+15MHz	Channel	CH 41341+41512 : 2665.1+2682.2 MHz
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	Wade Huang		

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	5330.20	-38.79	-25.00	-13.79	1.30 H	251	48.92	-87.71
2	5364.40	-38.90	-25.00	-13.90	1.31 H	253	48.75	-87.65
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	5330.20	-44.81	-25.00	-19.81	2.24 V	280	42.90	-87.71
2	5364.40	-45.86	-25.00	-20.86	2.19 V	284	41.79	-87.65

Remarks:

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

RF Mode	LTE Band 41C Channel Bandwidth: 20+20MHz	Channel	CH 39750+39948 : 2506+2525.8 MHz
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	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5012.00	-39.31	-25.00	-14.31	1.32 H	246	48.34	-87.65
2	5051.60	-40.03	-25.00	-15.03	1.24 H	247	47.57	-87.60
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5012.00	-44.91	-25.00	-19.91	2.20 V	281	42.74	-87.65
2	5051.60	-45.15	-25.00	-20.15	2.17 V	277	42.45	-87.60

Remarks:

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

RF Mode	LTE Band 41C Channel Bandwidth: 20+20MHz	Channel	CH 40521+40719 : 2583.1+2602.9 MHz
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	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5166.20	-37.89	-25.00	-12.89	1.32 H	246	49.56	-87.45
2	5205.80	-38.03	-25.00	-13.03	1.22 H	249	49.48	-87.51
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5166.20	-43.87	-25.00	-18.87	2.21 V	278	43.58	-87.45
2	5205.80	-44.02	-25.00	-19.02	2.20 V	282	43.49	-87.51

Remarks:

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

RF Mode	LTE Band 41C Channel Bandwidth: 20+20MHz	Channel	CH 41292+41490 : 2660.2+2680 MHz
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	Wade Huang		

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	-39.25	-25.00	-14.25	1.24 H	245	48.49	-87.74
2	5360.00	-39.84	-25.00	-14.84	1.25 H	245	47.83	-87.67
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	-45.36	-25.00	-20.36	2.20 V	279	42.38	-87.74
2	5360.00	-45.52	-25.00	-20.52	2.16 V	278	42.15	-87.67

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
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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