



FCC RF Test Report

APPLICANT : Fibocom Wireless Inc.
EQUIPMENT : 5G Module
BRAND NAME : Fibocom
MODEL NAME : FM350-GL
FCC ID : ZMOFM350GL
STANDARD : 47 CFR Part 2, 22(H), 24(E), 27(L)
CLASSIFICATION : PCS Licensed Transmitter (PCB)

The product was received on Mar. 08, 2021 and completely tested on Apr. 14, 2021. We, Sporton International (Shenzhen) Inc., would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.26-2015 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International (Shenzhen) Inc., the test report shall not be reproduced except in full.

Reviewed by: Derreck Chen / Supervisor

Approved by: Eric Shih / Manager



Sporton International (ShenZhen) Inc.

1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055

People's Republic of China



TABLE OF CONTENTS

REVISION HISTORY	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Applicant	5
1.2 Manufacturer	5
1.3 Product Feature of Equipment Under Test	5
1.4 Product Specification of Equipment Under Test	6
1.5 Modification of EUT	6
1.6 Testing Location	7
1.7 Test Software	7
1.8 Applicable Standards	7
2 TEST CONFIGURATION OF EQUIPMENT UNDER TEST	8
2.1 Test Mode	8
2.2 Connection Diagram of Test System	10
2.3 Support Unit used in test configuration and system	10
2.4 Frequency List of Low/Middle/High Channels	11
3 CONDUCTED TEST ITEMS	17
3.1 Test Result of Conducted Test	17
3.2 Conducted Output Power and ERP/EIRP	17
4 RADIATED TEST ITEMS	18
4.1 Measuring Instruments	18
4.2 Test Setup	18
4.3 Test Result of Radiated Test	18
4.4 Radiated Spurious Emission	19
5 LIST OF MEASURING EQUIPMENT	20
6 UNCERTAINTY OF EVALUATION	21
APPENDIX A. TEST RESULTS OF CONDUCTED TEST	
APPENDIX B. TEST RESULTS OF RADIATED TEST	
APPENDIX C. TEST SETUP PHOTOGRAPHS	



REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG130810B	Rev. 01	Initial issue of report	Apr. 28, 2021

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.2	§2.1046	Conducted Output Power	Reporting Only	PASS	-
	§22.913(a)(5)	Effective Radiated Power (Band 5) (Band 26)	ERP < 7 Watt	PASS	-
	§24.232(c)	Equivalent Isotropic Radiated Power (Band 2) (Band 25)	EIRP < 2Watt	PASS	-
	§27.50(d)(4)	Equivalent Isotropic Radiated Power (Band 4) (Band 66)	EIRP < 1Watt	PASS	-
4.4	§2.1053 §22.917(a) §24.238(a) §27.53(h)	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 25) (Band 26) (Band 66)	< 43+10log ₁₀ (P[Watts])	PASS	Under limit 40.43 dB at 2504.250 MHz

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.



1 General Description

1.1 Applicant

Fibocom Wireless Inc.

1101, Tower A, Building 6, Shenzhen International Innovation Valley, Dashi 1st Rd, Nanshan, Shenzhen, China

1.2 Manufacturer

Fibocom Wireless Inc.

1101, Tower A, Building 6, Shenzhen International Innovation Valley, Dashi 1st Rd, Nanshan, Shenzhen, China

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	5G Module
Brand Name	Fibocom
Model Name	FM350-GL
FCC ID	ZMOFM350GL
EUT supports Radios application	WCDMA/LTE/5G NR GNSS
IMEI Code	Radiation: 882146050002276
HW Version	V1.0.6
SW Version	81600.0000.00.09.03.03
EUT Stage	Identical Prototype

Remark: This is a variant report for FM350-GL. The change note could be referred to the product equality declaration which is exhibit separately. Based on the similarity between current and previous project, only the related test cases from original test report (Sporton Report Number FG051802B) were verified for the differences.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	LTE Band 2 : 1850 MHz ~ 1910 MHz LTE Band 4 : 1710 MHz ~ 1755 MHz LTE Band 5 : 824 MHz ~ 849 MHz LTE Band 25 : 1850 MHz ~ 1915 MHz LTE Band 26 : 824 MHz ~ 849 MHz LTE Band 66 : 1710 MHz ~ 1780 MHz
Rx Frequency	LTE Band 2 : 1930 MHz ~ 1990 MHz LTE Band 4 : 2110 MHz ~ 2155 MHz LTE Band 5 : 869 MHz ~ 894 MHz LTE Band 25 : 1930 MHz ~ 1995 MHz LTE Band 26 : 869 MHz ~ 894 MHz LTE Band 66 : 2110 MHz~ 2200 MHz
Bandwidth	LTE Band 2 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 4 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 5 : 1.4MHz / 3MHz / 5MHz / 10MHz LTE Band 25 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 26 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz LTE Band 66 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz
Type of Modulation	QPSK / 16QAM / 64QAM / 256QAM

1.5 Modification of EUT

No modifications are made to the EUT during all test items.

1.6 Testing Location

Sporton International (Shenzhen) Inc. is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

Test Firm	Sporton International (Shenzhen) Inc.		
Test Location	Site	101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City Guangdong Province China 518103 TEL: +86-755-33202398	
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	03CH03-SZ	CN1256	421272

1.7 Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH03-SZ	AUDIX	E3	6.2009-8-24

1.8 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ 47 CFR Part 2, 22(H), 24(E), 27(L)
- ♦ ANSI C63.26-2015
- ♦ FCC KDB 971168 D01 Power Meas License Digital Systems v03r01
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.



2 Test Configuration of Equipment Under Test

2.1 Test Mode

Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas License Digital Systems v03r01 with maximum output power.

Radiated measurements are performed by rotating the EUT in three different orthogonal test planes to find the maximum emission.

Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
E.R.P / E.I.R.P	25	v	v	v	v	v	v	v	v	v		v			v	v	v
	26	v	v	v	v	v	-	v	v	v		v			v	v	v
	66	v	v	v	v	v	v	v	v	v		v			v	v	v
Radiated Spurious Emission	25	Worst Case													v	v	v
	26	Worst Case													v	v	v
	66	Worst Case													v	v	v
Note	1. The mark “v ” means that this configuration is chosen for testing																
	2. The mark “-“ means that this bandwidth is not supported.																
	3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.																
	4. LTE Band 26 overlaps the entire frequency range of LTE Band 5. Therefore, the test results provided in this report covers Band 5 and the portion of Band 26 subject to Part 22.																
	5. LTE Band 66 overlaps the entire frequency range of LTE Band 4. Therefore, the test results provided in this report covers Band 66 as well as Band 4.																
	6. LTE Band 25 overlaps the entire frequency range of LTE Band 2. Therefore, the test results provided in this report covers Band 25 as well as Band 2.																
	7. For modulation of 256QAM, the maximum power of 256QAM is lower than other modulation(QPSK/16QAM/64QAM), therefore, according to engineering evaluation, we choose higher power (QPSK/16QAM/64QAM) to perform all tests and show in the report.																

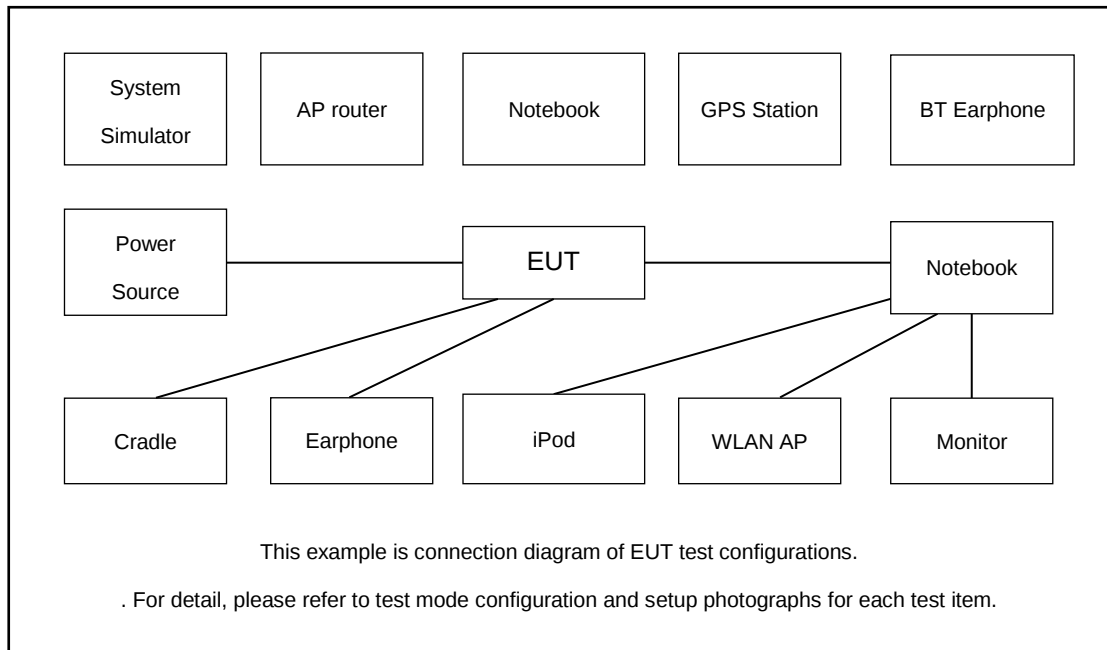
Test Items	Band	Bandwidth (MHz)					Modulation				RB #			Test Channel		
		3+5	5+3	5+10	10+5	10+10	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
E.I.R.P.	5B_CA	v	v	v	v	v	v	v	v		v			v	v	v
Radiated Spurious Emission	5B_CA	Worst Case												v	v	v
Note	1. The mark “v ” means that this configuration is chosen for testing 2. The mark “-” means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. 4. For modulation of 256QAM, the maximum power of 256QAM is lower than other modulation(QPSK/16QAM/64QAM), therefore, according to engineering evaluation, we choose higher power (QPSK/16QAM/64QAM) to perform all tests and show in the report.															



Test Items	Band	Bandwidth (MHz)										Modulation				RB #			Test Channel		
		20+20	20+15	15+20	20+10	10+20	20+5	5+20	15+15	15+10	10+15	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
E.I.R.P.	66C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v		v			v	v	v
Radiated Spurious Emission	66C_CA	Worst Case																	v	v	v
Note	1. The mark “v ” means that this configuration is chosen for testing 2. The mark “-” means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. 4. For modulation of 256QAM, the maximum power of 256QAM is lower than other modulation(QPSK/16QAM/64QAM), therefore, according to engineering evaluation, we choose higher power (QPSK/16QAM/64QAM) to perform all tests and show in the report.																				

Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		5+5	5+10	5+15	10+10	10+5	15+5	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
E.I.R.P.	66B_CA	v	v	v	v	v	v	v	v	v		v			v	v	v
Radiated Spurious Emission	66B_CA	Worst Case													v	v	v
Note	1. The mark “v ” means that this configuration is chosen for testing 2. The mark “-“ means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. 4. For modulation of 256QAM, the maximum power of 256QAM is lower than other modulation(QPSK/16QAM/64QAM), therefore, according to engineering evaluation, we choose higher power (QPSK/16QAM/64QAM) to perform all tests and show in the report.																

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model No.	FCC ID	Data Cable	Power Cord
1.	LTE Base Station	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	Test jig	N/A	N/A	N/A	N/A	N/A



2.4 Frequency List of Low/Middle/High Channels

LTE Band 2 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	18700	18900	19100
	Frequency	1860	1880	1900
15	Channel	18675	18900	19125
	Frequency	1857.5	1880	1902.5
10	Channel	18650	18900	19150
	Frequency	1855	1880	1905
5	Channel	18625	18900	19175
	Frequency	1852.5	1880	1907.5
3	Channel	18615	18900	19185
	Frequency	1851.5	1880	1908.5
1.4	Channel	18607	18900	19193
	Frequency	1850.7	1880	1909.3

LTE Band 4 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	20050	20175	20300
	Frequency	1720	1732.5	1745
15	Channel	20025	20175	20325
	Frequency	1717.5	1732.5	1747.5
10	Channel	20000	20175	20350
	Frequency	1715	1732.5	1750
5	Channel	19975	20175	20375
	Frequency	1712.5	1732.5	1752.5
3	Channel	19965	20175	20385
	Frequency	1711.5	1732.5	1753.5
1.4	Channel	19957	20175	20393
	Frequency	1710.7	1732.5	1754.3



LTE Band 5 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	20450	20525	20600
	Frequency	829	836.5	844
5	Channel	20425	20525	20625
	Frequency	826.5	836.5	846.5
3	Channel	20415	20525	20635
	Frequency	825.5	836.5	847.5
1.4	Channel	20407	20525	20643
	Frequency	824.7	836.5	848.3

LTE Band 25 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	26140	26340	26590
	Frequency	1860	1880	1905
15	Channel	26115	26340	26615
	Frequency	1857.5	1880	1907.5
10	Channel	26090	26340	26640
	Frequency	1855	1880	1910
5	Channel	26065	26340	26665
	Frequency	1852.5	1880	1912.5
3	Channel	26055	26340	26675
	Frequency	1851.5	1880	1913.5
1.4	Channel	26047	26340	26683
	Frequency	1850.7	1880	1914.3



LTE Band 26 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
15	Channel	26865	26915	26965
	Frequency	831.5	836.5	841.5
10	Channel	26840	26915	26990
	Frequency	829	836.5	844
5	Channel	26815	26915	27015
	Frequency	826.5	836.5	846.5
3	Channel	26805	26915	27025
	Frequency	825.5	836.5	847.5
1.4	Channel	26797	26915	27033
	Frequency	824.7	836.5	848.3

LTE Band 66 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	132072	132322	132572
	Frequency	1720	1745	1770
15	Channel	132047	132322	132597
	Frequency	1717.5	1745	1772.5
10	Channel	132022	132322	132622
	Frequency	1715	1745	1775
5	Channel	131997	132322	132647
	Frequency	1712.5	1745	1777.5
3	Channel	131987	132322	132657
	Frequency	1711.5	1745	1778.5
1.4	Channel	131979	132322	132665
	Frequency	1710.7	1745	1779.3

LTE Band 5B_CA Channel and Frequency List					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
3 + 5	PCC	Channel	20416	20501	20586
		Frequency	825.6	834.1	842.6
	SCC	Channel	20455	20540	20625
		Frequency	829.5	838.0	846.5
5 + 3	PCC	Channel	20425	20510	20595
		Frequency	826.5	835.0	843.5
	SCC	Channel	20464	20549	20634
		Frequency	830.4	838.9	847.4
5 + 10	PCC	Channel	20428	20478	20528
		Frequency	826.8	831.8	836.8
	SCC	Channel	20500	20550	20600
		Frequency	834	839	844
10 + 5	PCC	Channel	20450	20500	20550
		Frequency	829	834	839
	SCC	Channel	20522	20572	20622
		Frequency	836.2	841.2	846.2
10 + 10	PCC	Channel	20450	20476	20501
		Frequency	829	831.6	834.1
	SCC	Channel	20549	20575	20600
		Frequency	838.9	841.5	844



LTE Band 66C_CA Channel and Frequency List					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
10 + 15	PCC	Channel	132025	132351	132477
		Frequency	1715.3	1747.9	1760.5
	SCC	Channel	132145	132471	132597
		Frequency	1727.3	1759.9	1772.5
15 + 10	PCC	Channel	132047	132373	132499
		Frequency	1717.5	1750.1	1762.7
	SCC	Channel	132167	132493	132619
		Frequency	1729.5	1762.1	1774.7
10 + 20	PCC	Channel	132027	132328	132428
		Frequency	1715.5	1745.6	1755.6
	SCC	Channel	132171	132472	132572
		Frequency	1729.9	1760	1770
20 + 10	PCC	Channel	132072	132373	132473
		Frequency	1720	1750.1	1760.1
	SCC	Channel	132216	132517	132617
		Frequency	1734.4	1764.5	1774.5
15 + 15	PCC	Channel	132047	132347	132447
		Frequency	1717.5	1747.5	1757.5
	SCC	Channel	132197	132497	132597
		Frequency	1732.5	1762.5	1772.5
15 + 20	PCC	Channel	132050	132325	132401
		Frequency	1717.8	1745.3	1752.9
	SCC	Channel	132221	132496	132572
		Frequency	1734.9	1762.4	1770
20 + 15	PCC	Channel	132072	132348	132423
		Frequency	1720	1747.6	1755.1
	SCC	Channel	132243	132519	132594
		Frequency	1737.1	1764.7	1772.2
20 + 5	PCC	Channel	132072	132397	132522
		Frequency	1720	1752.5	1765
	SCC	Channel	132189	132514	132639
		Frequency	1731.7	1764.2	1776.7
5 + 20	PCC	Channel	132005	132330	132455



20 + 20	SCC	Frequency	1713.3	1745.8	1758.3
		Channel	132122	132447	132572
	PCC	Frequency	1725	1757.5	1770
		Channel	132072	132323	132374
	SCC	Frequency	1720	1745.1	1750.2
		Channel	132270	132521	132572
	SCC	Frequency	1739.8	1764.9	1770
		Channel	132270	132521	132572

LTE Band 66B_CA Channel and Frequency List					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
5 + 5	PCC	Channel	131997	132398	132599
		Frequency	1712.5	1752.6	1772.7
	SCC	Channel	132045	132446	132647
		Frequency	1717.3	1757.4	1777.5
5 + 10	PCC	Channel	132000	132375	132550
		Frequency	1712.8	1750.3	1767.8
	SCC	Channel	132072	132447	132622
		Frequency	1720	1757.5	1775
10 + 5	PCC	Channel	132022	132397	132572
		Frequency	1715	1752.5	1770
	SCC	Channel	132094	132469	132644
		Frequency	1722.2	1759.7	1777.2
5 + 15	PCC	Channel	132002	132353	132504
		Frequency	1713	1748.1	1763.2
	SCC	Channel	132095	132446	132597
		Frequency	1722.3	1757.4	1772.5
15 + 5	PCC	Channel	132047	132398	132549
		Frequency	1717.5	1752.6	1767.7
	SCC	Channel	132140	132491	132642
		Frequency	1726.8	1761.9	1777
10 + 10	PCC	Channel	132022	132373	132523
		Frequency	1715	1750.1	1765.1
	SCC	Channel	132121	132472	132622
		Frequency	1724.9	1760	1775



3 Conducted Test Items

3.1 Test Result of Conducted Test

Please refer to Appendix A.

3.2 Conducted Output Power and ERP/EIRP

3.2.1 Description of the Conducted Output Power Measurement and ERP/EIRP Measurement

A system simulator was used to establish communication with the EUT. Its parameters were set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

The ERP of mobile transmitters must not exceed 7 Watts for LTE Band 5 and Band 26.

The EIRP of mobile transmitters must not exceed 2 Watts for LTE Band 2 and Band 25.

The EIRP of mobile transmitters must not exceed 1 Watts for LTE Band 4 and Band 66.

According to KDB 412172 D01 Power Approach,

$EIRP = P_T + G_T - L_C$, $ERP = EIRP - 2.15$, where

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

L_C = signal attenuation in the connecting cable between the transmitter and antenna in dB

3.2.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.2
2. The transmitter output port was connected to the system simulator.
3. Set EUT at maximum power through the system simulator.
4. Select lowest, middle, and highest channels for each band and different modulation.
5. Measure and record the power level from the system simulator.

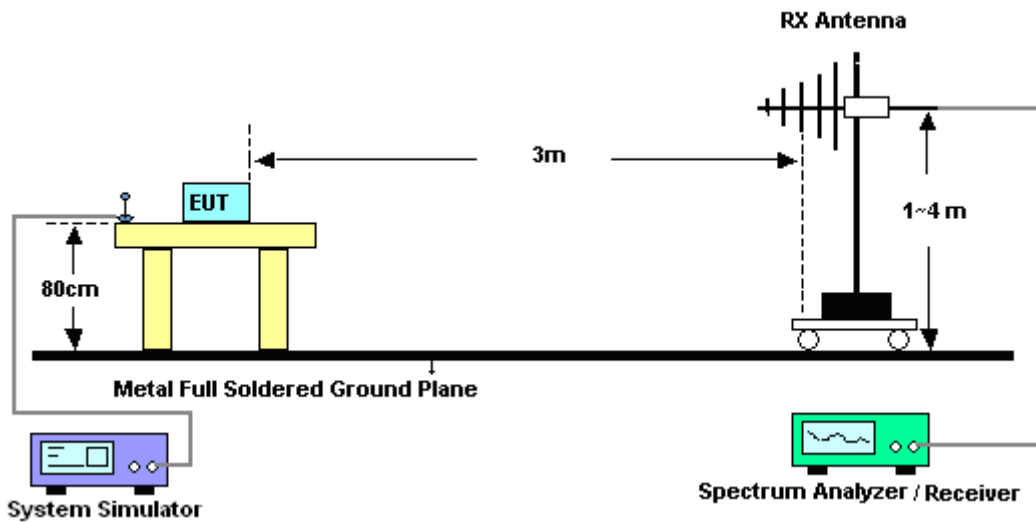
4 Radiated Test Items

4.1 Measuring Instruments

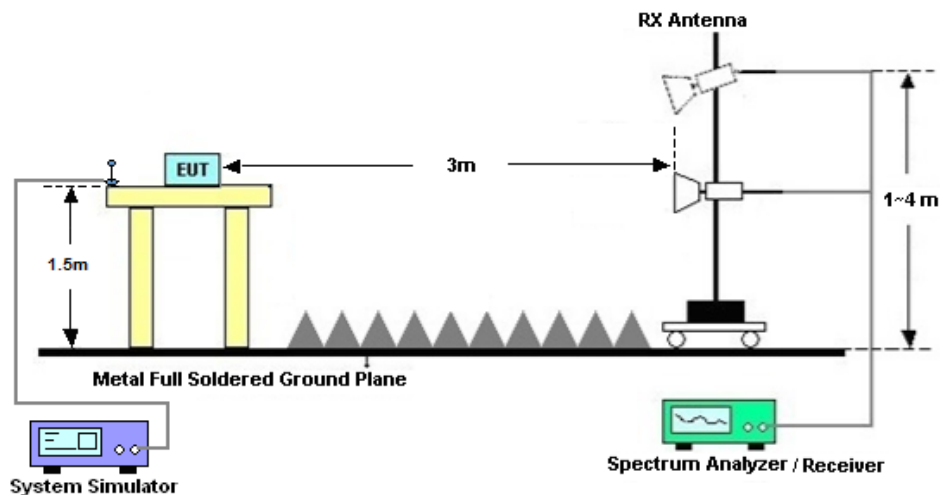
See list of measuring instruments of this test report.

4.2 Test Setup

4.2.1 For radiated test from 30MHz to 1GHz



4.2.2 For radiated test above 1GHz



4.3 Test Result of Radiated Test

Please refer to Appendix B.

4.4 Radiated Spurious Emission

4.4.1 Description of Radiated Spurious Emission

The radiated spurious emission was measured by substitution method according to ANSI C63.26. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

4.4.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.5
2. The EUT was placed on a turntable with 0.8 meter height for frequency below 1GHz and 1.5 meter height for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the receiving antenna mounted on the antenna tower.
4. The table was rotated 360 degrees to determine the position of the highest spurious emission.
5. The height of the receiving antenna is varied between 1m to 4m to search the maximum spurious emission for both horizontal and vertical polarizations.
6. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
7. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
8. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
9. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
10. $EIRP \text{ (dBm)} = S.G. \text{ Power} - Tx \text{ Cable Loss} + Tx \text{ Antenna Gain}$
11. $ERP \text{ (dBm)} = EIRP - 2.15$
12. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)

$= P(W) - [43 + 10\log(P)] \text{ (dB)}$

$= [30 + 10\log(P)] \text{ (dBm)} - [43 + 10\log(P)] \text{ (dB)}$

$= -13\text{dBm}.$



5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150246	10Hz~44GHz;	Apr. 17, 2020	Mar. 19, 2021~ Apr. 14, 2021	Apr. 16, 2021	Radiation (03CH03-SZ)
Bilog Antenna	TeseQ	CBL6112D	35408	30MHz-2GHz	Jun. 22, 2020	Mar. 19, 2021~ Apr. 14, 2021	Jun. 21, 2021	Radiation (03CH03-SZ)
Double Ridge Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1355	1GHz~18GHz	Apr. 30, 2020	Mar. 19, 2021~ Apr. 14, 2021	Apr. 29, 2021	Radiation (03CH03-SZ)
Amplifier	Burgeon	BPA-530	102210	0.01Hz ~3000MHz	Oct. 17, 2020	Mar. 19, 2021~ Apr. 14, 2021	Oct. 16, 2021	Radiation (03CH03-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 21, 2020	Mar. 19, 2021~ Apr. 14, 2021	Jul. 20, 2021	Radiation (03CH03-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 23, 2020	Mar. 19, 2021~ Apr. 14, 2021	Apr. 22, 2021	Radiation (03CH03-SZ)
Amplifier	Agilent Technologies	83017A	MY39501302	500MHz~26.5G Hz	Dec. 25, 2020	Mar. 19, 2021~ Apr. 14, 2021	Dec. 24, 2021	Radiation (03CH03-SZ)
AC Power Source	Chroma	61601	616010001985	N/A	NCR	Mar. 19, 2021~ Apr. 14, 2021	NCR	Radiation (03CH03-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Mar. 19, 2021~ Apr. 14, 2021	NCR	Radiation (03CH03-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Mar. 19, 2021~ Apr. 14, 2021	NCR	Radiation (03CH03-SZ)

NCR: No Calibration Required

6 Uncertainty of Evaluation

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.26-2015. All the measurement uncertainty value were shown with a coverage $K=2$ to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.0dB
---	-------

Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.6dB
---	-------

Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.8dB
---	-------



Appendix A. Test Results of Conducted Test

ERP/EIRP

LTE Band 25 (GT - LC = 4.0 dB) QPSK									
Bandwidth	1.4M			3M			5M		
Channel	26407	26340	26683	26055	26340	26675	26065	26340	26665
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1850.7	1880	1914.3	1851.5	1880	1913.5	1852.5	1880	1912.5
(MHz)									
Conducted Power (dBm)	22.12	22.31	22.09	22.37	22.45	22.32	22.41	22.45	22.19
Conducted Power (Watts)	0.1629	0.1702	0.1618	0.1726	0.1758	0.1706	0.1742	0.1758	0.1656
EIRP(dBm)	26.12	26.31	26.09	26.37	26.45	26.32	26.41	26.45	26.19
EIRP(Watts)	0.4093	0.4276	0.4064	0.4335	0.4416	0.4285	0.4375	0.4416	0.4159

LTE Band 25 (GT - LC = 4.0 dB) QPSK									
Bandwidth	10M			15M			20M		
Channel	26090	26340	26640	26115	26340	26615	26140	26340	26590
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1855	1880	1910	1857.5	1880	1907.5	1860	1880	1905
(MHz)									
Conducted Power (dBm)	22.39	22.43	22.21	22.31	22.45	22.25	22.42	22.46	22.35
Conducted Power (Watts)	0.1734	0.1750	0.1663	0.1702	0.1758	0.1679	0.1746	0.1762	0.1718
EIRP(dBm)	26.39	26.43	26.21	26.31	26.45	26.25	26.42	26.46	26.35
EIRP(Watts)	0.4355	0.4395	0.4178	0.4276	0.4416	0.4217	0.4385	0.4426	0.4315



LTE Band 25 (GT - LC = 4.0 dB) 16QAM									
Bandwidth	1.4M			3M			5M		
Channel	26407	26340	26683	26055	26340	26675	26065	26340	26665
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1850.7	1880	1914.3	1851.5	1880	1913.5	1852.5	1880	1912.5
(MHz)									
Conducted Power (dBm)	21.71	21.69	21.42	21.80	21.49	21.35	21.53	21.84	21.48
Conducted Power (Watts)	0.1483	0.1476	0.1387	0.1514	0.1409	0.1365	0.1422	0.1528	0.1406
EIRP(dBm)	25.71	25.69	25.42	25.80	25.49	25.35	25.53	25.84	25.48
EIRP(Watts)	0.3724	0.3707	0.3483	0.3802	0.3540	0.3428	0.3573	0.3837	0.3532

LTE Band 25 (GT - LC = 4.0 dB) 16QAM									
Bandwidth	10M			15M			20M		
Channel	26090	26340	26640	26115	26340	26615	26140	26340	26590
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1855	1880	1910	1857.5	1880	1907.5	1860	1880	1905
(MHz)									
Conducted Power (dBm)	21.57	21.76	21.66	21.68	21.81	21.42	21.79	21.39	21.24
Conducted Power (Watts)	0.1435	0.1500	0.1466	0.1472	0.1517	0.1387	0.1510	0.1377	0.1330
EIRP(dBm)	25.57	25.76	25.66	25.68	25.81	25.42	25.79	25.39	25.24
EIRP(Watts)	0.3606	0.3767	0.3681	0.3698	0.3811	0.3483	0.3793	0.3459	0.3342



LTE Band 25 (GT - LC = 4.0 dB) 64QAM									
Bandwidth	1.4M			3M			5M		
Channel	26407	26340	26683	26055	26340	26675	26065	26340	26665
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1850.7	1880	1914.3	1851.5	1880	1913.5	1852.5	1880	1912.5
(MHz)									
Conducted Power (dBm)	20.58	20.72	20.26	20.66	20.49	20.38	20.66	20.73	20.01
Conducted Power (Watts)	0.1143	0.1180	0.1062	0.1164	0.1119	0.1091	0.1164	0.1183	0.1002
EIRP(dBm)	24.58	24.72	24.26	24.66	24.49	24.38	24.66	24.73	24.01
EIRP(Watts)	0.2871	0.2965	0.2667	0.2924	0.2812	0.2742	0.2924	0.2972	0.2518

LTE Band 25 (GT - LC = 4.0 dB) 64QAM									
Bandwidth	10M			15M			20M		
Channel	26090	26340	26640	26115	26340	26615	26140	26340	26590
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1855	1880	1910	1857.5	1880	1907.5	1860	1880	1905
(MHz)									
Conducted Power (dBm)	20.64	20.48	20.61	20.64	20.62	20.41	20.44	20.72	20.55
Conducted Power (Watts)	0.1159	0.1117	0.1151	0.1159	0.1153	0.1099	0.1107	0.1180	0.1135
EIRP(dBm)	24.64	24.48	24.61	24.64	24.62	24.41	24.44	24.72	24.55
EIRP(Watts)	0.2911	0.2805	0.2891	0.2911	0.2897	0.2761	0.2780	0.2965	0.2851

LTE Band 26 (GT - LC = 3.0 dB) QPSK									
Bandwidth	1.4M			3M			5M		
Channel	26797	26915	27033	26805	26915	27025	26815	26915	27015
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	824.7	836.5	848.3	825.5	836.5	847.5	826.5	836.5	846.5
(MHz)									
Conducted Power (dBm)	23.34	23.33	23.60	23.47	23.49	23.63	23.60	23.49	23.69
Conducted Power (Watts)	0.2158	0.2153	0.2291	0.2223	0.2234	0.2307	0.2291	0.2234	0.2339
ERP(dBm)	24.19	24.18	24.45	24.32	24.34	24.48	24.45	24.34	24.54
ERP(Watts)	0.2624	0.2618	0.2786	0.2704	0.2716	0.2805	0.2786	0.2716	0.2844

LTE Band 26 (GT - LC = 3.0 dB) QPSK							
Bandwidth	10M			15M			15M
Channel	26840	26915	26990	26865	26915	26965	26765
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)
Frequency	829	836.5	844	831.5	836.5	841.5	821.5
(MHz)							
Conducted Power (dBm)	23.58	23.55	23.55	23.52	23.64	23.70	23.52
Conducted Power (Watts)	0.2280	0.2265	0.2265	0.2249	0.2312	0.2344	0.2249
ERP(dBm)	24.43	24.40	24.40	24.37	24.49	24.55	24.37
ERP(Watts)	0.2773	0.2754	0.2754	0.2735	0.2812	0.2851	0.2735



LTE Band 26 (GT - LC = 3.0 dB) 16QAM									
Bandwidth	1.4M			3M			5M		
Channel	26797	26915	27033	26805	26915	27025	26815	26915	27015
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	824.7	836.5	848.3	825.5	836.5	847.5	826.5	836.5	846.5
(MHz)									
Conducted Power (dBm)	22.62	22.63	22.97	22.53	22.72	23.13	22.67	23.11	23.09
Conducted Power (Watts)	0.1828	0.1832	0.1982	0.1791	0.1871	0.2056	0.1849	0.2046	0.2037
ERP(dBm)	23.47	23.48	23.82	23.38	23.57	23.98	23.52	23.96	23.94
ERP(Watts)	0.2223	0.2228	0.2410	0.2178	0.2275	0.2500	0.2249	0.2489	0.2477

LTE Band 26 (GT - LC = 3.0 dB) 16QAM							
Bandwidth	10M			15M			15M
Channel	26840	26915	26990	26865	26915	26965	26765
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)
Frequency	829	836.5	844	831.5	836.5	841.5	821.5
(MHz)							
Conducted Power (dBm)	22.88	22.79	23.23	22.82	23.09	22.74	22.82
Conducted Power (Watts)	0.1941	0.1901	0.2104	0.1914	0.2037	0.1879	0.1914
ERP(dBm)	23.73	23.64	24.08	23.67	23.94	23.59	23.67
ERP(Watts)	0.2360	0.2312	0.2559	0.2328	0.2477	0.2286	0.2328



LTE Band 26 (GT - LC = 3.0 dB) 64QAM									
Bandwidth	1.4M			3M			5M		
Channel	26797	26915	27033	26805	26915	27025	26815	26915	27015
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	824.7	836.5	848.3	825.5	836.5	847.5	826.5	836.5	846.5
(MHz)									
Conducted Power (dBm)	21.64	21.69	21.46	21.61	21.98	21.56	21.95	21.82	21.84
Conducted Power (Watts)	0.1459	0.1476	0.1400	0.1449	0.1578	0.1432	0.1567	0.1521	0.1528
ERP(dBm)	22.49	22.54	22.31	22.46	22.83	22.41	22.80	22.67	22.69
ERP(Watts)	0.1774	0.1795	0.1702	0.1762	0.1919	0.1742	0.1905	0.1849	0.1858

LTE Band 26 (GT - LC = 3.0 dB) 64QAM							
Bandwidth	10M			15M			15M
Channel	26840	26915	26990	26865	26915	26965	26765
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)
Frequency	829	836.5	844	831.5	836.5	841.5	821.5
(MHz)							
Conducted Power (dBm)	21.84	21.82	21.32	21.77	21.88	21.93	21.79
Conducted Power (Watts)	0.1528	0.1521	0.1355	0.1503	0.1542	0.1560	0.1510
ERP(dBm)	22.69	22.67	22.17	22.62	22.73	22.78	22.64
ERP(Watts)	0.1858	0.1849	0.1648	0.1828	0.1875	0.1897	0.1837



LTE Band 66 (GT - LC = 3.0 dB) QPSK									
Bandwidth	1.4M			3M			5M		
Channel	131979	132322	132665	131987	132322	132657	131997	132322	132647
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1710.7	1745	1779.3	1711.5	1745	1778.5	1712.5	1745	1777.5
(MHz)									
Conducted Power (dBm)	22.00	22.16	22.24	22.21	22.48	22.37	22.21	22.46	22.36
Conducted Power (Watts)	0.1585	0.1644	0.1675	0.1663	0.1770	0.1726	0.1663	0.1762	0.1722
EIRP(dBm)	25.00	25.16	25.24	25.21	25.48	25.37	25.21	25.46	25.36
EIRP(Watts)	0.3162	0.3281	0.3342	0.3319	0.3532	0.3443	0.3319	0.3516	0.3436

LTE Band 66 (GT - LC = 3.0 dB) QPSK									
Bandwidth	10M			15M			20M		
Channel	132022	132322	132622	132047	132322	132597	132072	132322	132572
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(Mid)
Frequency	1715	1745	1775	1717.5	1745	1772.5	1720	1745	1770
(MHz)									
Conducted Power (dBm)	22.36	22.44	22.48	22.26	22.44	22.41	22.79	22.78	22.86
Conducted Power (Watts)	0.1722	0.1754	0.1770	0.1683	0.1754	0.1742	0.1901	0.1897	0.1932
EIRP(dBm)	25.36	25.44	25.48	25.26	25.44	25.41	25.79	25.78	25.86
EIRP(Watts)	0.3436	0.3499	0.3532	0.3357	0.3499	0.3475	0.3793	0.3784	0.3855



LTE Band 66 (GT - LC = 3.0 dB) 16QAM									
Bandwidth	1.4M			3M			5M		
Channel	131979	132322	132665	131987	132322	132657	131997	132322	132647
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1710.7	1745	1779.3	1711.5	1745	1778.5	1712.5	1745	1777.5
(MHz)									
Conducted Power (dBm)	22.29	22.80	22.77	22.39	22.60	22.46	22.22	22.40	22.80
Conducted Power (Watts)	0.1694	0.1905	0.1892	0.1734	0.1820	0.1762	0.1667	0.1738	0.1905
EIRP(dBm)	25.29	25.80	25.77	25.39	25.60	25.46	25.22	25.40	25.80
EIRP(Watts)	0.3381	0.3802	0.3776	0.3459	0.3631	0.3516	0.3327	0.3467	0.3802

LTE Band 66 (GT - LC = 3.0 dB) 16QAM									
Bandwidth	10M			15M			20M		
Channel	132022	132322	132622	132047	132322	132597	132072	132322	132572
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(Mid)
Frequency	1715	1745	1775	1717.5	1745	1772.5	1720	1745	1770
(MHz)									
Conducted Power (dBm)	22.43	22.55	22.71	22.62	22.84	22.66	22.70	22.77	22.45
Conducted Power (Watts)	0.1750	0.1799	0.1866	0.1828	0.1923	0.1845	0.1862	0.1892	0.1758
EIRP(dBm)	25.43	25.55	25.71	25.62	25.84	25.66	25.70	25.77	25.45
EIRP(Watts)	0.3491	0.3589	0.3724	0.3648	0.3837	0.3681	0.3715	0.3776	0.3508



LTE Band 66 (GT - LC = 3.0 dB) 64QAM									
Bandwidth	1.4M			3M			5M		
Channel	131979	132322	132665	131987	132322	132657	131997	132322	132647
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1710.7	1745	1779.3	1711.5	1745	1778.5	1712.5	1745	1777.5
(MHz)									
Conducted Power (dBm)	22.03	22.49	22.35	22.44	22.55	22.61	22.40	22.77	22.42
Conducted Power (Watts)	0.1596	0.1774	0.1718	0.1754	0.1799	0.1824	0.1738	0.1892	0.1746
EIRP(dBm)	25.03	25.49	25.35	25.44	25.55	25.61	25.40	25.77	25.42
EIRP(Watts)	0.3184	0.3540	0.3428	0.3499	0.3589	0.3639	0.3467	0.3776	0.3483

LTE Band 66 (GT - LC = 3.0 dB) 64QAM									
Bandwidth	10M			15M			20M		
Channel	132022	132322	132622	132047	132322	132597	132072	132322	132572
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(Mid)
Frequency	1715	1745	1775	1717.5	1745	1772.5	1720	1745	1770
(MHz)									
Conducted Power (dBm)	22.56	22.75	22.43	22.08	22.71	22.76	22.56	22.69	22.25
Conducted Power (Watts)	0.1803	0.1884	0.1750	0.1614	0.1866	0.1888	0.1803	0.1858	0.1679
EIRP(dBm)	25.56	25.75	25.43	25.08	25.71	25.76	25.56	25.69	25.25
EIRP(Watts)	0.3597	0.3758	0.3491	0.3221	0.3724	0.3767	0.3597	0.3707	0.3350

CA EIRP

LTE Band 5B CA (GT - LC = 3.00 dB) QPSK									
Bandwidth	3MHz+5MHz			5MHz+3MHz			5MHz+10MHz		
Channel PCC	20416	20501	20586	20425	20510	20595	20428	20478	20528
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	20455	20540	20625	20464	20549	20634	20500	20550	20600
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.90	22.77	22.70	22.88	22.89	22.77	22.79	22.90	22.73
Conducted Power (Watts)	0.1950	0.1892	0.1862	0.1941	0.1945	0.1892	0.1901	0.1950	0.1875
ERP(dBm)	23.75	23.62	23.55	23.73	23.74	23.62	23.64	23.75	23.58
ERP(Watts)	0.2371	0.2301	0.2265	0.2360	0.2366	0.2301	0.2312	0.2371	0.2280

LTE Band 5B CA (GT - LC = 3.00 dB) QPSK						
Bandwidth	10MHz+5MHz			10MHz+10MHz		
Channel PCC	20450	20500	20550	20450	20476	20501
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	20522	20572	20622	20549	20575	20600
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.99	22.94	22.89	22.97	22.99	22.92
Conducted Power (Watts)	0.1991	0.1968	0.1945	0.1982	0.1991	0.1959
ERP(dBm)	23.84	23.79	23.74	23.82	23.84	23.77
ERP(Watts)	0.2421	0.2393	0.2366	0.2410	0.2421	0.2382



LTE Band 5B CA (GT - LC = 3.00 dB) 16QAM									
Bandwidth	3MHz+5MHz			5MHz+3MHz			5MHz+10MHz		
Channel PCC	20416	20501	20586	20425	20510	20595	20428	20478	20528
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	20455	20540	20625	20464	20549	20634	20500	20550	20600
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.22	22.10	22.16	22.07	22.19	22.05	22.12	22.18	22.05
Conducted Power (Watts)	0.1667	0.1622	0.1644	0.1611	0.1656	0.1603	0.1629	0.1652	0.1603
ERP(dBm)	23.07	22.95	23.01	22.92	23.04	22.90	22.97	23.03	22.90
ERP(Watts)	0.2028	0.1972	0.2000	0.1959	0.2014	0.1950	0.1982	0.2009	0.1950

LTE Band 5B CA (GT - LC = 3.00 dB) 16QAM						
Bandwidth	10MHz+5MHz			10MHz+10MHz		
Channel PCC	20450	20500	20550	20450	20476	20501
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	20522	20572	20622	20549	20575	20600
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.22	22.22	22.23	22.24	22.22	22.25
Conducted Power (Watts)	0.1667	0.1667	0.1671	0.1675	0.1667	0.1679
ERP(dBm)	23.07	23.07	23.08	23.09	23.07	23.10
ERP(Watts)	0.2028	0.2028	0.2032	0.2037	0.2028	0.2042



LTE Band 5B CA (GT - LC = 3.00 dB) 64QAM									
Bandwidth	3MHz+5MHz			5MHz+3MHz			5MHz+10MHz		
Channel PCC	20416	20501	20586	20425	20510	20595	20428	20478	20528
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	20455	20540	20625	20464	20549	20634	20500	20550	20600
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	20.35	20.48	20.37	20.38	20.37	20.42	20.37	20.48	20.35
Conducted Power (Watts)	0.1084	0.1117	0.1089	0.1091	0.1089	0.1102	0.1089	0.1117	0.1084
ERP(dBm)	21.20	21.33	21.22	21.23	21.22	21.27	21.22	21.33	21.20
ERP(Watts)	0.1318	0.1358	0.1324	0.1327	0.1324	0.1340	0.1324	0.1358	0.1318

LTE Band 5B CA (GT - LC = 3.00 dB) 64QAM						
Bandwidth	10MHz+5MHz			10MHz+10MHz		
Channel PCC	20450	20500	20550	20450	20476	20501
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	20522	20572	20622	20549	20575	20600
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	20.49	20.49	20.46	20.48	20.45	20.48
Conducted Power (Watts)	0.1119	0.1119	0.1112	0.1117	0.1109	0.1117
ERP(dBm)	21.34	21.34	21.31	21.33	21.30	21.33
ERP(Watts)	0.1361	0.1361	0.1352	0.1358	0.1349	0.1358



LTE Band 66C_CA (GT - LC = 3.00 dB) QPSK									
Bandwidth	5MHz+20MHz			10MHz+15MHz			10MHz+20MHz		
Channel PCC	132005	132330	132455	132025	132351	132477	132027	132328	132428
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132122	132447	132572	132145	132471	132597	132171	132472	132572
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	21.70	21.53	21.79	21.68	21.62	21.79	21.57	21.62	21.84
Conducted Power (Watts)	0.1479	0.1422	0.1510	0.1472	0.1452	0.1510	0.1435	0.1452	0.1528
EIRP(dBm)	24.70	24.53	24.79	24.68	24.62	24.79	24.57	24.62	24.84
EIRP(Watts)	0.2951	0.2838	0.3013	0.2938	0.2897	0.3013	0.2864	0.2897	0.3048

LTE Band 66C_CA (GT - LC = 3.00 dB) QPSK						
Bandwidth	15MHz+10MHz			15MHz+15MHz		
Channel PCC	132047	132373	132499	132047	132347	132447
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132167	132493	132619	132197	132497	132597
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	21.67	21.54	21.76	21.62	21.68	21.83
Conducted Power (Watts)	0.1469	0.1426	0.1500	0.1452	0.1472	0.1524
EIRP(dBm)	24.67	24.54	24.76	24.62	24.68	24.83
EIRP(Watts)	0.2931	0.2844	0.2992	0.2897	0.2938	0.3041



LTE Band 66C_CA (GT - LC = 3.00 dB) QPSK									
Bandwidth	15MHz+20MHz			20MHz+5MHz			20MHz+10MHz		
Channel PCC	132050	132325	132401	132072	132397	132522	132072	132373	132473
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132221	132496	132572	132189	132514	132639	132216	132517	132617
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	21.60	21.61	21.88	21.63	21.63	21.88	21.67	21.71	21.76
Conducted Power (Watts)	0.1445	0.1449	0.1542	0.1455	0.1455	0.1542	0.1469	0.1483	0.1500
EIRP(dBm)	24.60	24.61	24.88	24.63	24.63	24.88	24.67	24.71	24.76
EIRP(Watts)	0.2884	0.2891	0.3076	0.2904	0.2904	0.3076	0.2931	0.2958	0.2992

LTE Band 66C_CA (GT - LC = 3.00 dB) QPSK						
Bandwidth	20MHz+15MHz			20MHz+20MHz		
Channel PCC	132072	132348	132423	132072	132323	132374
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132243	132519	132594	132270	132521	132572
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	21.70	21.73	21.92	21.68	21.66	21.87
Conducted Power (Watts)	0.1479	0.1489	0.1556	0.1472	0.1466	0.1538
EIRP(dBm)	24.70	24.73	24.92	24.68	24.66	24.87
EIRP(Watts)	0.2951	0.2972	0.3105	0.2938	0.2924	0.3069



LTE Band 66C_CA (GT - LC = 3.00 dB) 16QAM									
Bandwidth	5MHz+20MHz			10MHz+15MHz			10MHz+20MHz		
Channel PCC	132005	132330	132455	132025	132351	132477	132027	132328	132428
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132122	132447	132572	132145	132471	132597	132171	132472	132572
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.06	21.96	22.19	22.13	21.94	22.08	22.03	21.90	22.11
Conducted Power (Watts)	0.1607	0.1570	0.1656	0.1633	0.1563	0.1614	0.1596	0.1549	0.1626
EIRP(dBm)	25.06	24.96	25.19	25.13	24.94	25.08	25.03	24.90	25.11
EIRP(Watts)	0.3206	0.3133	0.3304	0.3258	0.3119	0.3221	0.3184	0.3090	0.3243

LTE Band 66C_CA (GT - LC = 3.00 dB) 16QAM						
Bandwidth	15MHz+10MHz			15MHz+15MHz		
Channel PCC	132047	132373	132499	132047	132347	132447
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132167	132493	132619	132197	132497	132597
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.11	21.91	22.25	22.13	21.94	22.12
Conducted Power (Watts)	0.1626	0.1552	0.1679	0.1633	0.1563	0.1629
EIRP(dBm)	25.11	24.91	25.25	25.13	24.94	25.12
EIRP(Watts)	0.3243	0.3097	0.3350	0.3258	0.3119	0.3251



LTE Band 66C_CA (GT - LC = 3.00 dB) 16QAM									
Bandwidth	15MHz+20MHz			20MHz+5MHz			20MHz+10MHz		
Channel PCC	132050	132325	132401	132072	132397	132522	132072	132373	132473
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132221	132496	132572	132189	132514	132639	132216	132517	132617
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.15	22.02	22.08	22.07	21.91	22.23	22.19	22.06	22.17
Conducted Power (Watts)	0.1641	0.1592	0.1614	0.1611	0.1552	0.1671	0.1656	0.1607	0.1648
EIRP(dBm)	25.15	25.02	25.08	25.07	24.91	25.23	25.19	25.06	25.17
EIRP(Watts)	0.3273	0.3177	0.3221	0.3214	0.3097	0.3334	0.3304	0.3206	0.3289

LTE Band 66C_CA (GT - LC = 3.00 dB) 16QAM						
Bandwidth	20MHz+15MHz			20MHz+20MHz		
Channel PCC	132072	132348	132423	132072	132323	132374
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132243	132519	132594	132270	132521	132572
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.19	22.07	22.28	22.20	22.12	22.27
Conducted Power (Watts)	0.1656	0.1611	0.1690	0.1660	0.1629	0.1687
EIRP(dBm)	25.19	25.07	25.28	25.20	25.12	25.27
EIRP(Watts)	0.3304	0.3214	0.3373	0.3311	0.3251	0.3365

LTE Band 66C_CA (GT - LC = 3.00 dB) 64QAM									
Bandwidth	5MHz+20MHz			10MHz+15MHz			10MHz+20MHz		
Channel PCC	132005	132330	132455	132025	132351	132477	132027	132328	132428
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132122	132447	132572	132145	132471	132597	132171	132472	132572
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	21.96	21.86	21.96	21.91	21.95	21.88	21.89	21.86	21.92
Conducted Power (Watts)	0.1570	0.1535	0.1570	0.1552	0.1567	0.1542	0.1545	0.1535	0.1556
EIRP(dBm)	24.96	24.86	24.96	24.91	24.95	24.88	24.89	24.86	24.92
EIRP(Watts)	0.3133	0.3062	0.3133	0.3097	0.3126	0.3076	0.3083	0.3062	0.3105

LTE Band 66C_CA (GT - LC = 3.00 dB) 64QAM						
Bandwidth	15MHz+10MHz			15MHz+15MHz		
Channel PCC	132047	132373	132499	132047	132347	132447
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132167	132493	132619	132197	132497	132597
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	21.93	21.89	21.95	21.85	21.87	22.03
Conducted Power (Watts)	0.1560	0.1545	0.1567	0.1531	0.1538	0.1596
EIRP(dBm)	24.93	24.89	24.95	24.85	24.87	25.03
EIRP(Watts)	0.3112	0.3083	0.3126	0.3055	0.3069	0.3184



LTE Band 66C_CA (GT - LC = 3.00 dB) 64QAM									
Bandwidth	15MHz+20MHz			20MHz+5MHz			20MHz+10MHz		
Channel PCC	132050	132325	132401	132072	132397	132522	132072	132373	132473
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132221	132496	132572	132189	132514	132639	132216	132517	132617
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	21.81	21.96	21.99	21.86	21.80	21.98	21.93	21.93	22.05
Conducted Power (Watts)	0.1517	0.1570	0.1581	0.1535	0.1514	0.1578	0.1560	0.1560	0.1603
EIRP(dBm)	24.81	24.96	24.99	24.86	24.80	24.98	24.93	24.93	25.05
EIRP(Watts)	0.3027	0.3133	0.3155	0.3062	0.3020	0.3148	0.3112	0.3112	0.3199

LTE Band 66C_CA (GT - LC = 3.00 dB) 64QAM						
Bandwidth	20MHz+15MHz			20MHz+20MHz		
Channel PCC	132072	132348	132423	132072	132323	132374
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132243	132519	132594	132270	132521	132572
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	21.98	21.96	22.05	22.04	22.00	21.99
Conducted Power (Watts)	0.1578	0.1570	0.1603	0.1600	0.1585	0.1581
EIRP(dBm)	24.98	24.96	25.05	25.04	25.00	24.99
EIRP(Watts)	0.3148	0.3133	0.3199	0.3192	0.3162	0.3155



LTE Band 66B_CA (GT - LC = 3.00 dB) QPSK									
Bandwidth	5MHz+5MHz			5MHz+10MHz			5MHz+15MHz		
Channel PCC	131997	132398	132599	132000	132375	132550	132002	132353	132504
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132045	132446	132647	132072	132447	132622	132095	132446	132597
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.13	22.15	22.28	22.08	22.00	22.13	21.97	22.01	22.22
Conducted Power (Watts)	0.1633	0.1641	0.1690	0.1614	0.1585	0.1633	0.1574	0.1589	0.1667
EIRP(dBm)	25.13	25.15	25.28	25.08	25.00	25.13	24.97	25.01	25.22
EIRP(Watts)	0.3258	0.3273	0.3373	0.3221	0.3162	0.3258	0.3141	0.3170	0.3327

LTE Band 66B_CA (GT - LC = 3.00 dB) QPSK									
Bandwidth	10MHz+5MHz			10MHz+10MHz			15MHz+5MHz		
Channel PCC	132022	132397	132572	132022	132373	132523	132047	132398	132549
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132094	132469	132644	132121	132472	132622	132140	132491	132642
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.10	21.98	22.23	22.02	21.99	22.20	22.14	22.17	22.29
Conducted Power (Watts)	0.1622	0.1578	0.1671	0.1592	0.1581	0.1660	0.1637	0.1648	0.1694
EIRP(dBm)	25.10	24.98	25.23	25.02	24.99	25.20	25.14	25.17	25.29
EIRP(Watts)	0.3236	0.3148	0.3334	0.3177	0.3155	0.3311	0.3266	0.3289	0.3381



LTE Band 66B_CA (GT - LC = 3.00 dB) 16QAM									
Bandwidth	5MHz+5MHz			5MHz+10MHz			5MHz+15MHz		
Channel PCC	131997	132398	132599	132000	132375	132550	132002	132353	132504
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132045	132446	132647	132072	132447	132622	132095	132446	132597
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.17	22.49	22.66	22.27	22.41	22.53	22.22	22.37	22.61
Conducted Power (Watts)	0.1648	0.1774	0.1845	0.1687	0.1742	0.1791	0.1667	0.1726	0.1824
EIRP(dBm)	25.17	25.49	25.66	25.27	25.41	25.53	25.22	25.37	25.61
EIRP(Watts)	0.3289	0.3540	0.3681	0.3365	0.3475	0.3573	0.3327	0.3443	0.3639

LTE Band 66B_CA (GT - LC = 3.00 dB) 16QAM									
Bandwidth	10MHz+5MHz			10MHz+10MHz			15MHz+5MHz		
Channel PCC	132022	132397	132572	132022	132373	132523	132047	132398	132549
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132094	132469	132644	132121	132472	132622	132140	132491	132642
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.23	22.31	22.66	22.09	22.09	22.20	22.34	22.50	22.66
Conducted Power (Watts)	0.1671	0.1702	0.1845	0.1618	0.1618	0.1660	0.1714	0.1778	0.1845
EIRP(dBm)	25.23	25.31	25.66	25.09	25.09	25.20	25.34	25.50	25.66
EIRP(Watts)	0.3334	0.3396	0.3681	0.3228	0.3228	0.3311	0.3420	0.3548	0.3681



LTE Band 66B_CA (GT - LC = 3.00 dB) 64QAM									
Bandwidth	5MHz+5MHz			5MHz+10MHz			5MHz+15MHz		
Channel PCC	131997	132398	132599	132000	132375	132550	132002	132353	132504
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132045	132446	132647	132072	132447	132622	132095	132446	132597
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.13	22.30	22.29	22.09	22.34	22.37	22.26	22.21	22.35
Conducted Power (Watts)	0.1633	0.1698	0.1694	0.1618	0.1714	0.1726	0.1683	0.1663	0.1718
EIRP(dBm)	25.13	25.30	25.29	25.09	25.34	25.37	25.26	25.21	25.35
EIRP(Watts)	0.3258	0.3388	0.3381	0.3228	0.3420	0.3443	0.3357	0.3319	0.3428

LTE Band 66B_CA (GT - LC = 3.00 dB) 64QAM									
Bandwidth	10MHz+5MHz			10MHz+10MHz			15MHz+5MHz		
Channel PCC	132022	132397	132572	132022	132373	132523	132047	132398	132549
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	132094	132469	132644	132121	132472	132622	132140	132491	132642
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.12	22.17	22.35	22.08	22.14	22.22	22.27	22.37	22.40
Conducted Power (Watts)	0.1629	0.1648	0.1718	0.1614	0.1637	0.1667	0.1687	0.1726	0.1738
EIRP(dBm)	25.12	25.17	25.35	25.08	25.14	25.22	25.27	25.37	25.40
EIRP(Watts)	0.3251	0.3289	0.3428	0.3221	0.3266	0.3327	0.3365	0.3443	0.3467



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 25 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702	-62.04	-13	-49.04	-76.58	-68.80	5.82	12.58	H
	5553	-61.10	-13	-48.10	-78.63	-66.82	7.28	13.00	H
	7404	-55.78	-13	-42.78	-78.49	-58.94	8.32	11.48	H
	3702	-61.40	-13	-48.40	-76.23	-68.16	5.82	12.58	V
	5553	-61.33	-13	-48.33	-78.91	-67.05	7.28	13.00	V
	7404	-55.51	-13	-42.51	-78.26	-58.67	8.32	11.48	V
Middle	3747	-61.76	-13	-48.76	-76.39	-68.51	5.85	12.60	H
	5620.5	-60.44	-13	-47.44	-78.17	-66.24	7.30	13.10	H
	7494	-55.99	-13	-42.99	-78.34	-59.14	8.35	11.50	H
	3747	-61.21	-13	-48.21	-76.05	-67.96	5.85	12.60	V
	5620.5	-60.64	-13	-47.64	-78.28	-66.44	7.30	13.10	V
	7494	-55.98	-13	-42.98	-78.25	-59.13	8.35	11.50	V
Highest	3792	-61.66	-13	-48.66	-76.37	-68.40	5.88	12.62	H
	5688	-60.28	-13	-47.28	-78.20	-66.09	7.32	13.13	H
	7584	-56.12	-13	-43.12	-78.30	-59.28	8.38	11.54	H
	3792	-61.65	-13	-48.65	-76.48	-68.39	5.88	12.62	V
	5688	-60.52	-13	-47.52	-78.44	-66.33	7.32	13.13	V
	7584	-55.97	-13	-42.97	-77.94	-59.13	8.38	11.54	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 26 / 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1649.5	-66.79	-13	-53.79	-73.05	-70.02	3.98	9.36	H
	2474.25	-55.83	-13	-42.83	-66.18	-59.38	4.85	10.55	H
	3299	-63.20	-13	-50.20	-75.61	-68.13	5.50	12.58	H
	1649.5	-66.61	-13	-53.61	-72.75	-69.84	3.98	9.36	V
	2474.25	-57.67	-13	-44.67	-68.37	-61.22	4.85	10.55	V
	3299	-63.24	-13	-50.24	-76.10	-68.17	5.50	12.58	V
Middle	1659.5	-66.66	-13	-53.66	-72.92	-69.91	4.00	9.40	H
	2489.25	-56.69	-13	-43.69	-66.99	-60.26	4.88	10.60	H
	3319	-64.28	-13	-51.28	-76.53	-69.21	5.52	12.60	H
	1659.5	-66.61	-13	-53.61	-72.68	-69.86	4.00	9.40	V
	2489.25	-57.48	-13	-44.48	-68.13	-61.05	4.88	10.60	V
	3319	-63.40	-13	-50.40	-76.07	-68.33	5.52	12.60	V
Highest	1669.5	-66.68	-13	-53.68	-72.91	-69.85	4.10	9.42	H
	2504.25	-53.43	-13	-40.43	-63.69	-57.01	4.90	10.63	H
	3339	-64.26	-13	-51.26	-76.35	-69.18	5.55	12.62	H
	1669.5	-67.19	-13	-54.19	-73.16	-70.36	4.10	9.42	V
	2504.25	-56.79	-13	-43.79	-67.39	-60.37	4.90	10.63	V
	3339	-63.52	-13	-50.52	-76.00	-68.44	5.55	12.62	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 66 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3422	-63.95	-13	-50.95	-76.21	-70.83	5.60	12.48	H
	5133	-60.65	-13	-47.65	-78.14	-66.33	7.10	12.78	H
	6844	-58.20	-13	-45.20	-78.65	-61.59	8.38	11.77	H
	3422	-63.36	-13	-50.36	-76.18	-70.24	5.60	12.48	V
	5133	-60.63	-13	-47.63	-78.06	-66.31	7.10	12.78	V
	6844	-58.36	-13	-45.36	-78.57	-61.75	8.38	11.77	V
Middle	3472	-63.37	-13	-50.37	-76.19	-70.22	5.65	12.50	H
	5208	-60.75	-13	-47.75	-78.21	-66.42	7.13	12.80	H
	6944	-57.58	-13	-44.58	-78.49	-60.98	8.40	11.80	H
	3472	-63.10	-13	-50.10	-76.47	-69.95	5.65	12.50	V
	5208	-60.56	-13	-47.56	-77.97	-66.23	7.13	12.80	V
	6944	-57.32	-13	-44.32	-78.28	-60.72	8.40	11.80	V
Highest	3522	-63.21	-13	-50.21	-76.61	-70.05	5.68	12.52	H
	5283	-61.46	-13	-48.46	-78.42	-67.13	7.15	12.82	H
	7044	-56.84	-13	-43.84	-78.17	-60.27	8.42	11.85	H
	3522	-62.95	-13	-49.95	-76.88	-69.79	5.68	12.52	V
	5283	-61.44	-13	-48.44	-78.45	-67.11	7.15	12.82	V
	7044	-56.59	-13	-43.59	-78.1	-60.02	8.42	11.85	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 5B_CA / 10MHz + 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1667.9	-66.61	-13	-53.61	-72.84	-69.86	4.00	9.40	H
	2501.85	-64.40	-13	-51.40	-74.67	-67.97	4.88	10.60	H
	3335.8	-64.28	-13	-51.28	-76.39	-69.21	5.52	12.60	H
	1667.9	-66.71	-13	-53.71	-72.69	-69.96	4.00	9.40	V
	2501.85	-63.99	-13	-50.99	-74.60	-67.56	4.88	10.60	V
	3335.8	-63.79	-13	-50.79	-76.30	-68.72	5.52	12.60	V
Middle	1673.1	-66.33	-13	-53.33	-72.55	-69.58	4.00	9.40	H
	2509.65	-64.29	-13	-51.29	-74.54	-67.86	4.88	10.60	H
	3346.2	-63.87	-13	-50.87	-75.90	-68.80	5.52	12.60	H
	1673.1	-67.10	-13	-54.10	-73.05	-70.35	4.00	9.40	V
	2509.65	-63.83	-13	-50.83	-74.41	-67.40	4.88	10.60	V
	3346.2	-63.93	-13	-50.93	-76.34	-68.86	5.52	12.60	V
Highest	1678.1	-66.77	-13	-53.77	-73.05	-70.02	4.00	9.40	H
	2517.15	-64.51	-13	-51.51	-74.76	-68.08	4.88	10.60	H
	3356.2	-63.98	-13	-50.98	-76.00	-68.91	5.52	12.60	H
	1678.1	-67.05	-13	-54.05	-73.06	-70.30	4.00	9.40	V
	2517.15	-63.93	-13	-50.93	-74.52	-67.50	4.88	10.60	V
	3356.2	-63.86	-13	-50.86	-76.30	-68.79	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 66B_CA / 10MHz + 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3439.9	-63.24	-13	-50.24	-75.69	-70.12	5.60	12.48	H
	5159.85	-59.68	-13	-46.68	-77.20	-65.36	7.10	12.78	H
	6879.8	-57.06	-13	-44.06	-77.68	-60.45	8.38	11.77	H
	3439.9	-62.74	-13	-49.74	-75.75	-69.62	5.60	12.48	V
	5159.85	-60.01	-13	-47.01	-77.47	-65.69	7.10	12.78	V
	6879.8	-57.68	-13	-44.68	-78.16	-61.07	8.38	11.77	V
Middle	3510.1	-62.67	-13	-49.67	-75.92	-69.52	5.65	12.50	H
	5265.15	-60.62	-13	-47.62	-77.58	-66.29	7.13	12.80	H
	7020.2	-56.24	-13	-43.24	-77.48	-59.64	8.40	11.80	H
	3510.1	-62.33	-13	-49.33	-76.11	-69.18	5.65	12.50	V
	5265.15	-61.12	-13	-48.12	-78.07	-66.79	7.13	12.80	V
	7020.2	-56.15	-13	-43.15	-77.58	-59.55	8.40	11.80	V
Highest	3540.1	-62.91	-13	-49.91	-76.53	-69.75	5.68	12.52	H
	5310.15	-61.40	-13	-48.40	-78.36	-67.07	7.15	12.82	H
	7080.2	-56.12	-13	-43.12	-77.60	-59.55	8.42	11.85	H
	3540.1	-62.09	-13	-49.09	-76.23	-68.93	5.68	12.52	V
	5310.15	-61.11	-13	-48.11	-78.2	-66.78	7.15	12.82	V
	7080.2	-55.99	-13	-42.99	-77.61	-59.42	8.42	11.85	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 66C_CA / 20MHz + 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3459.8	-63.15	-13	-50.15	-75.83	-70.03	5.60	12.48	H
	5189.7	-60.21	-13	-47.21	-77.75	-65.89	7.10	12.78	H
	6919.6	-57.32	-13	-44.32	-78.12	-60.71	8.38	11.77	H
	3459.8	-62.85	-13	-49.85	-76.08	-69.73	5.60	12.48	V
	5189.7	-60.23	-13	-47.23	-77.72	-65.91	7.10	12.78	V
	6919.6	-57.30	-13	-44.30	-78.08	-60.69	8.38	11.77	V
Middle	3510	-62.67	-13	-49.67	-75.92	-69.52	5.65	12.50	H
	5265	-60.82	-13	-47.82	-77.78	-66.49	7.13	12.80	H
	7020	-56.38	-13	-43.38	-77.62	-59.78	8.40	11.80	H
	3510	-62.26	-13	-49.26	-76.04	-69.11	5.65	12.50	V
	5265	-60.97	-13	-47.97	-77.92	-66.64	7.13	12.80	V
	7020	-56.10	-13	-43.10	-77.53	-59.50	8.40	11.80	V
Highest	3520.2	-62.87	-13	-49.87	-76.25	-69.71	5.68	12.52	H
	5280.3	-60.91	-13	-47.91	-77.87	-66.58	7.15	12.82	H
	7040.4	-56.60	-13	-43.60	-77.92	-60.03	8.42	11.85	H
	3520.2	-62.32	-13	-49.32	-76.23	-69.16	5.68	12.52	V
	5280.3	-60.96	-13	-47.96	-77.96	-66.63	7.15	12.82	V
	7040.4	-56.32	-13	-43.32	-77.81	-59.75	8.42	11.85	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.