FCC RF Test Report

APPLICANT	: Sierra Wireless, Inc.
EQUIPMENT	: Wireless Module
BRAND NAME	: AirPrime
MODEL NAME	: EM7690
FCC ID	: N7NEM76
STANDARD	: 47 CFR Part 2, 22(H), 24(E), 27(H), 27(F)
CLASSIFICATION	: PCS Licensed Transmitter (PCB)

The product was received on Jun. 30, 2020 and completely tested on Jul. 16, 2020. 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

ACCREDITED Cert #5145.01

Sporton International (ShenZhen) Inc.

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

People's Republic of China

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG021501-03B	Rev. 01	Initial issue of report	Sep. 16, 2020

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1053 §22.917(a) §24.238(a) §27.53(c)(2) §27.53(f) §27.53(g)	Radiated Spurious Emission (Band 2) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26)	< 43+10log$_{10}$(P[Watts])	PASS	Under limit 23.56 dB at 1559.500 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

Sierra Wireless, Inc.
13811 Wireless Way, Richmond, BC, Canada V6A 3A4

1.2 Manufacturer

Sierra Wireless, Inc.
13811 Wireless Way, Richmond, BC, Canada V6A 3A4

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Wireless Module
Brand Name	AirPrime
Model Name	EM7690
FCC ID	N7NEM76
EUT supports Radios application	WCDMA/LTE/GNSS
IMEI Code	Radiation: 352175380000030
HW Version	1.0
SW Version	SWIX55C_00.16.04.00
EUT Stage	Identical Prototype

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	LTE Band 2 : 1850.7 MHz ~ 1909.3 MHz LTE Band 5 : 824.7 MHz ~ 848.3 MHz LTE Band 12 : 699.7 MHz ~ 715.3 MHz LTE Band 13 : 779.5 MHz ~ 784.5 MHz LTE Band 17 : 706.5 MHz ~ 713.5 MHz LTE Band 25 : 1850.7MHz ~ 1914.3 MHz LTE Band 26 : 824.7MHz ~ 848.3 MHz
Rx Frequency	LTE Band 2 : 1930.7 MHz ~ 1989.3 MHz LTE Band 5 : 869.7 MHz ~ 893.3 MHz LTE Band 12 : 729.7 MHz ~ 745.3 MHz LTE Band 13 : 748.5 MHz ~ 753.5 MHz LTE Band 17 : 736.5 MHz ~ 743.5 MHz LTE Band 25 : 1930.7MHz ~ 1994.3 MHz LTE Band 26 : 869.7MHz ~ 893.3MHz
Bandwidth	LTE Band 2 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 5 : 1.4MHz / 3MHz / 5MHz / 10MHz LTE Band 12 : 1.4MHz / 3MHz / 5MHz / 10MHz LTE Band 13 : 5MHz / 10MHz LTE Band 17 : 5MHz / 10MHz

	LTE Band 25 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 26 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz
Antenna Gain	LTE Band 2 : 4.0 dBi LTE Band 5 : 2.0 dBi LTE Band 12 : 2.0 dBi LTE Band 13 : 2.0 dBi LTE Band 17 : 2.0 dBi LTE Band 25 : 4.0 dBi LTE Band 26 : 2.0 dBi
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 Re-use of Measured Data

1.6.1 Introduction Section

This application re-uses data collected on a similar device. The subject device of this application (Model: EM7690, FCC ID: N7NEM76) is electrically identical to the reference device (Model: EM9190, FCC ID: N7NEM91) for the portions of the circuitry corresponding to the data being re-used, as treated by KDB Publication 484596 D01.

1.6.2 Difference Section

For details concerning the similarity with respect to component placement, mechanical/electrical design etc., please refer to the Product Equality Declaration.

The re-used RF data includes the following bands provided in Appendix C (Sporton RF Report No. FG021501B for the reference device Model: EM9190, FCC ID: N7NEM91).

1.6.3 Reference detail Section:

Equipment Class	Reference FCC ID	Folder Test	Report Title/Section
PCE (LTE)	N7NEM91	Part22H.24E.27H.27F (FG021501B)	All Conducted sections applicable

1.6.4 Spot Check Verification Data Section

In order to confirm hardware similarity of the subject device with the reference device, spot check measurements were performed on the subject device for the following test items, the test result were consistent with FCC ID: N7NEM91 and the RSE to re-test.

Assertions concerning the similarity of these devices are based on representations by the applicant. The applicant accepts full responsibility for the validity of the similarity claim, and for the determination that verification test data are sufficient to support it.

Test Item	Mode	N7NEM91 Worst Result	N7NEM76 Worst Result	Difference (dB)
Average Conducted Power (dBm)	LTE Band 2	23.33	22.56	0.77
	LTE Band 5	23.00	22.3	0.70
	LTE Band 12	23.20	22.66	0.54
	LTE Band 13	23.40	22.34	1.06
	LTE Band 17	23.22	22.27	0.95
	LTE Band 25	23.34	22.48	0.86
	LTE Band 26	23.31	22.46	0.85

1.7 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 Site Location	No. 3 Bldg the third floor of south, Shahe River west, Fengzeyuan Warehouse, Nanshan Shenzhen, 518055 People's Republic of China TEL: +86-755-33202398		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	03CH01-SZ	CN1256	421272

1.8 Test Software

Item	Site	Manufacture	Name	Version
1.	03CH01-SZ	AUDIX	E3	6.2009-8-24

1.9 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(H), 27(F)
- ANSI C63.26-2015
- FCC KDB 971168 D01 Power Meas License Digital Systems v03r01
- FCC KDB 412172 D01 Determining ERP and EIRP v01r01

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

2 Test Configuration of Equipment Under Test

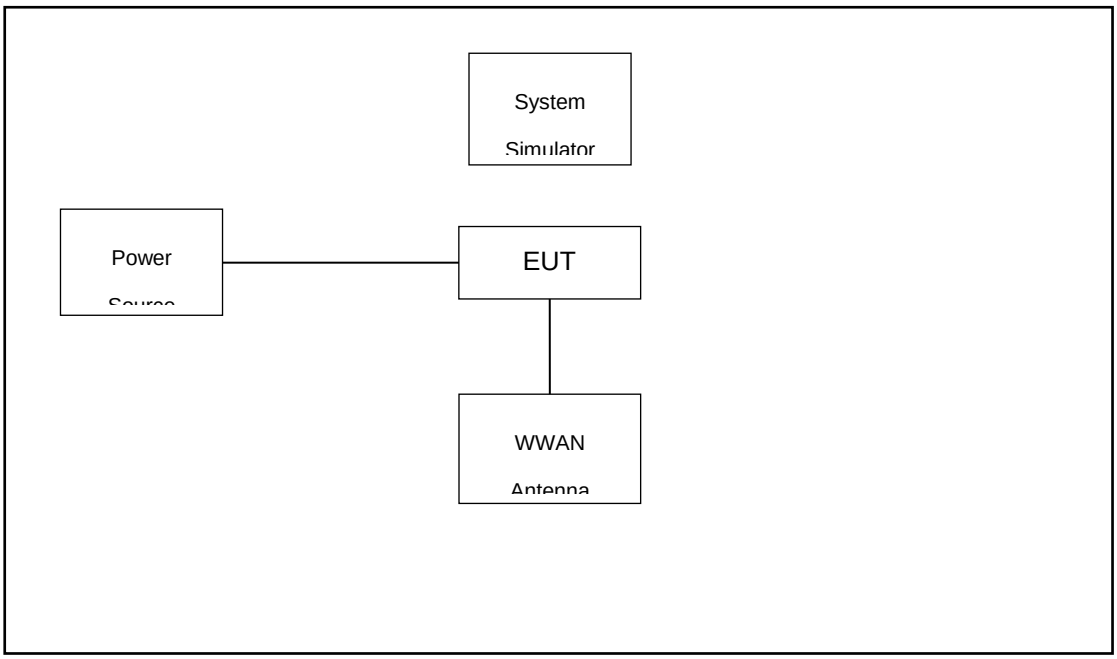
2.1 Test Mode

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	1	Half	Full	L	M	H
Radiated Spurious Emission	2	v	v	v	v	v	v	v			v			v	v	v
	5	v	v	v	v	-	-	v			v			v	v	v
	12	v	v	v	v	-	-	v			v			v	v	v
	13	-	-	v	v	-	-	v			v			v	v	v
	17	-	-	v	v	-	-	v			v			v	v	v
	25	v	v	v	v	v	v	v			v			v	v	v
	26	v	v	v	v	v	-	v			v			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.															

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.	DC Power Supply	GW INSTEK	GPS-3030D	N/A	N/A	Unshielded, 1.8m

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 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 12 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	23060	23095	23130
	Frequency	704	707.5	711
5	Channel	23035	23095	23155
	Frequency	701.5	707.5	713.5
3	Channel	23025	23095	23165
	Frequency	700.5	707.5	714.5
1.4	Channel	23017	23095	23173
	Frequency	699.7	707.5	715.3

LTE Band 13 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	23230	-
	Frequency	-	782	-
5	Channel	23205	23230	23255
	Frequency	779.5	782	784.5

LTE Band 17 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	23780	23790	23800
	Frequency	709	710	711
5	Channel	23755	23790	23825
	Frequency	706.5	710	713.5

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

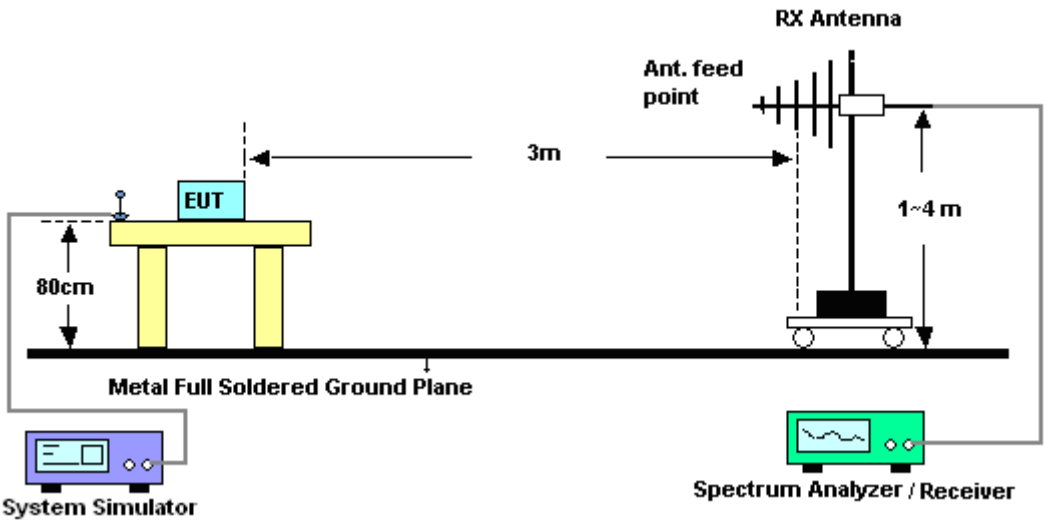
3 Radiated Test Items

3.1 Measuring Instruments

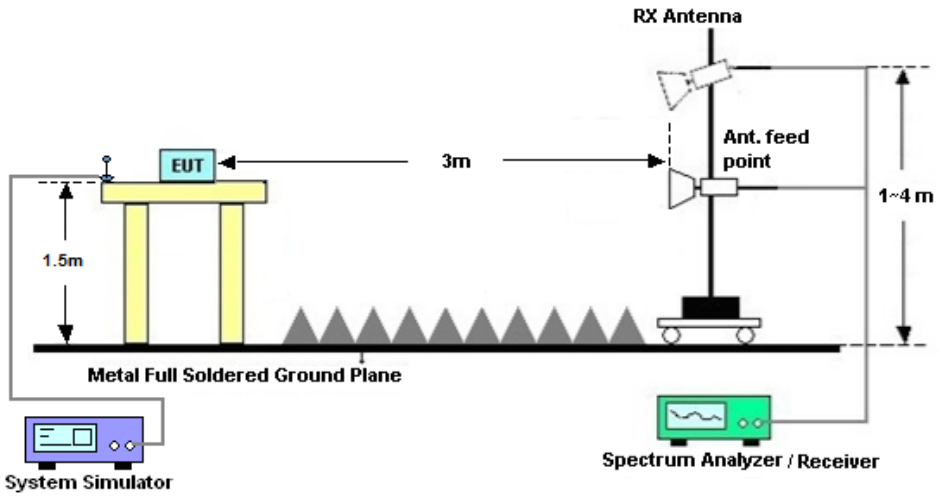
See list of measuring instruments of this test report.

3.2 Test Setup

3.2.1 For radiated test from 30MHz to 1GHz



3.2.2 For radiated test above 1GHz



3.3 Test Result of Radiated Test

Please refer to Appendix B.

3.4 Radiated Spurious Emission

3.4.1 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.

For LTE Band 13

For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to −70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and −80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.

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

3.4.2 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 (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain
11. ERP (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 + 10log(P)dB below the transmitter power P(Watts)
    = P(W)- [43 + 10log(P)] (dB)
    = [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB)
    = -13dBm.

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Test Receiver&SA	Agilent	N9038A	MY52260185	20Hz~26.5GHz	Jul. 22, 2019	Jul. 05, 2020~ Jul. 16, 2020	Jul. 21, 2020	Radiation (03CH01-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Apr. 17, 2020	Jul. 05, 2020~ Jul. 16, 2020	Apr. 16, 2021	Radiation (03CH01-SZ)
Loop Antenna	R&S	HFH2-Z2	100354	9kHz~30MHz	May 28, 2020	Jul. 05, 2020~ Jul. 16, 2020	May 27, 2022	Radiation (03CH01-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz-2GHz	Jul. 19, 2019	Jul. 05, 2020~ Jul. 16, 2020	Jul. 18, 2020	Radiation (03CH01-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Aug. 27, 2019	Jul. 05, 2020~ Jul. 16, 2020	Aug. 26, 2020	Radiation (03CH01-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 17, 2020	Jul. 05, 2020~ Jul. 16, 2020	Apr. 16, 2021	Radiation (03CH01-SZ)
LF Amplifier	Burgeon	BPA-530	102209	0.01~3000Mhz	Apr. 17, 2020	Jul. 05, 2020~ Jul. 16, 2020	Apr. 16, 2021	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	AMF-7D-00 101800-30-1	1943528	1GHz~18GHz	Oct. 18, 2019	Jul. 05, 2020~ Jul. 16, 2020	Oct. 17, 2020	Radiation (03CH01-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270104	0.5GHz~26.5Ghz	Dec. 27, 2019	Jul. 05, 2020~ Jul. 16, 2020	Dec. 26, 2020	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	TTA1840-35 -HG	1871923	18GHz~40GHz	Jul. 22, 2019	Jul. 05, 2020~ Jul. 16, 2020	Jul. 21, 2020	Radiation (03CH01-SZ)
AC Power Source	Chroma	61601	616010001985	N/A	NCR	Jul. 05, 2020~ Jul. 16, 2020	NCR	Radiation (03CH01-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Jul. 05, 2020~ Jul. 16, 2020	NCR	Radiation (03CH01-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Jul. 05, 2020~ Jul. 16, 2020	NCR	Radiation (03CH01-SZ)

NCR: No Calibration Required

5 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))	**2.48dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.53dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.02dB**

Appendix A. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 2 / 1.4MHz / 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	3700.32	-57.66	-13	-44.66	-80.26	-64.42	5.82	12.58	H
	5550.48	-57.09	-13	-44.09	-81.00	-62.81	7.28	13.00	H
	7400.64	-55.13	-13	-42.13	-81.47	-58.29	8.32	11.48	H
	3700.32	-55.30	-13	-42.30	-79.59	-62.06	5.82	12.58	V
	5550.48	-56.73	-13	-43.73	-81.07	-62.45	7.28	13.00	V
	7400.64	-54.68	-13	-41.68	-80.99	-57.84	8.32	11.48	V
Middle	3758.92	-58.17	-13	-45.17	-80.11	-64.92	5.85	12.60	H
	5638.38	-57.62	-13	-44.62	-81.24	-63.42	7.30	13.10	H
	7517.84	-55.26	-13	-42.26	-81.19	-58.41	8.35	11.50	H
	3758.92	-55.47	-13	-42.47	-80.57	-62.22	5.85	12.60	V
	5638.38	-57.43	-13	-44.43	-81.2	-63.23	7.30	13.10	V
	7517.84	-55.23	-13	-42.23	-81.15	-58.38	8.35	11.50	V
Highest	3817.52	-57.81	-13	-44.81	-80.19	-64.55	5.88	12.62	H
	5726.28	-57.07	-13	-44.07	-81.19	-62.88	7.32	13.13	H
	7635.04	-55.75	-13	-42.75	-81.27	-58.91	8.38	11.54	H
	3817.52	-55.34	-13	-42.34	-79.32	-62.08	5.88	12.62	V
	5726.28	-56.52	-13	-43.52	-81.12	-62.33	7.32	13.13	V
	7635.04	-54.88	-13	-41.88	-81.08	-58.04	8.38	11.54	V

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

LTE Band 2 / 3MHz / 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	3700.48	-57.27	-13	-44.27	-79.87	-64.03	5.82	12.58	H
	5550.72	-57.42	-13	-44.42	-81.33	-63.14	7.28	13.00	H
	7400.96	-54.83	-13	-41.83	-81.17	-57.99	8.32	11.48	H
	3700.48	-55.20	-13	-42.20	-79.49	-61.96	5.82	12.58	V
	5550.72	-56.93	-13	-43.93	-81.27	-62.65	7.28	13.00	V
	7400.96	-55.08	-13	-42.08	-81.39	-58.24	8.32	11.48	V
Middle	3757.48	-58.68	-13	-45.68	-80.62	-65.43	5.85	12.60	H
	5636.22	-57.19	-13	-44.19	-80.81	-62.99	7.30	13.10	H
	7514.96	-55.14	-13	-42.14	-81.08	-58.29	8.35	11.50	H
	3757.48	-55.74	-13	-42.74	-80.84	-62.49	5.85	12.60	V
	5636.22	-57.67	-13	-44.67	-81.44	-63.47	7.30	13.10	V
	7514.96	-55.43	-13	-42.43	-81.36	-58.58	8.35	11.50	V
Highest	3814.48	-57.92	-13	-44.92	-80.30	-64.66	5.88	12.62	H
	5721.72	-57.14	-13	-44.14	-81.26	-62.95	7.32	13.13	H
	7628.96	-56.03	-13	-43.03	-81.55	-59.19	8.38	11.54	H
	3814.48	-56.09	-13	-43.09	-80.07	-62.83	5.88	12.62	V
	5721.72	-56.51	-13	-43.51	-81.11	-62.32	7.32	13.13	V
	7628.96	-55.20	-13	-42.20	-81.4	-58.36	8.38	11.54	V

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

LTE Band 2 / 5MHz / 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	3700.68	-57.63	-13	-44.63	-80.23	-64.39	5.82	12.58	H
	5551.02	-57.49	-13	-44.49	-81.40	-63.21	7.28	13.00	H
	7401.36	-55.09	-13	-42.09	-81.43	-58.25	8.32	11.48	H
	3700.68	-54.57	-13	-41.57	-78.86	-61.33	5.82	12.58	V
	5551.02	-56.73	-13	-43.73	-81.07	-62.45	7.28	13.00	V
	7401.36	-54.70	-13	-41.70	-81.01	-57.86	8.32	11.48	V
Middle	3755.68	-58.50	-13	-45.50	-80.44	-65.25	5.85	12.60	H
	5633.52	-57.39	-13	-44.39	-81.01	-63.19	7.30	13.10	H
	7511.36	-55.42	-13	-42.42	-81.36	-58.57	8.35	11.50	H
	3755.68	-55.43	-13	-42.43	-80.53	-62.18	5.85	12.60	V
	5633.52	-57.29	-13	-44.29	-81.06	-63.09	7.30	13.10	V
	7511.36	-55.39	-13	-42.39	-81.32	-58.54	8.35	11.50	V
Highest	3810.68	-58.23	-13	-45.23	-80.51	-64.97	5.88	12.62	H
	5716.02	-57.08	-13	-44.08	-81.10	-62.89	7.32	13.13	H
	7621.36	-56.15	-13	-43.15	-81.71	-59.31	8.38	11.54	H
	3810.68	-56.59	-13	-43.59	-80.51	-63.33	5.88	12.62	V
	5716.02	-56.62	-13	-43.62	-81.06	-62.43	7.32	13.13	V
	7621.36	-55.09	-13	-42.09	-80.99	-58.25	8.38	11.54	V

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

LTE Band 2 / 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	3701.18	-57.17	-13	-44.17	-79.77	-63.93	5.82	12.58	H
	5551.77	-56.67	-13	-43.67	-80.58	-62.39	7.28	13.00	H
	7402.36	-55.29	-13	-42.29	-81.63	-58.45	8.32	11.48	H
	3701.18	-55.22	-13	-42.22	-79.51	-61.98	5.82	12.58	V
	5551.77	-56.82	-13	-43.82	-81.16	-62.54	7.28	13.00	V
	7402.36	-55.17	-13	-42.17	-81.48	-58.33	8.32	11.48	V
Middle	3751.18	-58.61	-13	-45.61	-80.55	-65.36	5.85	12.60	H
	5626.77	-57.55	-13	-44.55	-81.25	-63.35	7.30	13.10	H
	7502	-55.40	-13	-42.40	-81.40	-58.55	8.35	11.50	H
	3751.18	-55.91	-13	-42.91	-81.01	-62.66	5.85	12.60	V
	5626.77	-56.93	-13	-43.93	-81.13	-62.73	7.30	13.10	V
	7502	-55.24	-13	-42.24	-81.23	-58.39	8.35	11.50	V
Highest	3801.18	-58.33	-13	-45.33	-80.61	-65.07	5.88	12.62	H
	5701.77	-56.83	-13	-43.83	-80.85	-62.64	7.32	13.13	H
	7602.36	-55.64	-13	-42.64	-81.25	-58.80	8.38	11.54	H
	3801.18	-56.20	-13	-43.20	-80.12	-62.94	5.88	12.62	V
	5701.77	-56.95	-13	-43.95	-81.39	-62.76	7.32	13.13	V
	7602.36	-55.29	-13	-42.29	-80.9	-58.45	8.38	11.54	V

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

LTE Band 2 / 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	3701.68	-57.72	-13	-44.72	-80.32	-64.48	5.82	12.58	H
	5552.52	-57.23	-13	-44.23	-81.14	-62.95	7.28	13.00	H
	7403.36	-54.88	-13	-41.88	-81.22	-58.04	8.32	11.48	H
	3701.68	-54.82	-13	-41.82	-79.11	-61.58	5.82	12.58	V
	5552.52	-57.09	-13	-44.09	-81.43	-62.81	7.28	13.00	V
	7403.36	-55.20	-13	-42.20	-81.51	-58.36	8.32	11.48	V
Middle	3746.68	-58.37	-13	-45.37	-80.31	-65.12	5.85	12.60	H
	5620.02	-57.73	-13	-44.73	-81.43	-63.53	7.30	13.10	H
	7493.36	-55.18	-13	-42.18	-81.18	-58.33	8.35	11.50	H
	3746.68	-55.55	-13	-42.55	-80.65	-62.30	5.85	12.60	V
	5620.02	-57.09	-13	-44.09	-81.29	-62.89	7.30	13.10	V
	7493.36	-55.30	-13	-42.30	-81.29	-58.45	8.35	11.50	V
Highest	3791.68	-57.79	-13	-44.79	-80.62	-64.53	5.88	12.62	H
	5687.52	-57.27	-13	-44.27	-81.19	-63.08	7.32	13.13	H
	7583.36	-55.84	-13	-42.84	-81.52	-59.00	8.38	11.54	H
	3791.68	-55.46	-13	-42.46	-79.78	-62.20	5.88	12.62	V
	5687.52	-57.15	-13	-44.15	-81.42	-62.96	7.32	13.13	V
	7583.36	-55.82	-13	-42.82	-81.5	-58.98	8.38	11.54	V

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

LTE Band 2 / 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	3702.18	-57.51	-13	-44.51	-80.11	-64.27	5.82	12.58	H
	5553.27	-57.56	-13	-44.56	-81.47	-63.28	7.28	13.00	H
	7404.36	-55.05	-13	-42.05	-81.39	-58.21	8.32	11.48	H
	3702.18	-55.47	-13	-42.47	-79.76	-62.23	5.82	12.58	V
	5553.27	-57.02	-13	-44.02	-81.36	-62.74	7.28	13.00	V
	7404.36	-54.94	-13	-41.94	-81.25	-58.10	8.32	11.48	V
Middle	3742.18	-57.90	-13	-44.90	-80.39	-64.65	5.85	12.60	H
	5613.27	-57.72	-13	-44.72	-81.50	-63.52	7.30	13.10	H
	7484.36	-55.10	-13	-42.10	-81.17	-58.25	8.35	11.50	H
	3742.18	-55.89	-13	-42.89	-80.39	-62.64	5.85	12.60	V
	5613.27	-56.56	-13	-43.56	-81.19	-62.36	7.30	13.10	V
	7484.36	-55.26	-13	-42.26	-81.31	-58.41	8.35	11.50	V
Highest	3782.18	-57.27	-13	-44.27	-80.10	-64.01	5.88	12.62	H
	5673.27	-57.44	-13	-44.44	-81.26	-63.25	7.32	13.13	H
	7564.36	-55.55	-13	-42.55	-81.30	-58.71	8.38	11.54	H
	3782.18	-54.89	-13	-41.89	-79.21	-61.63	5.88	12.62	V
	5673.27	-57.24	-13	-44.24	-81.35	-63.05	7.32	13.13	V
	7564.36	-55.72	-13	-42.72	-81.46	-58.88	8.38	11.54	V

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

LTE Band 5 / 1.4MHz / 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	1649.92	-65.96	-13	-52.96	-76.71	-69.19	3.98	9.36	H
	2474.88	-60.28	-13	-47.28	-78.62	-63.83	4.85	10.55	H
	3299.84	-59.02	-13	-46.02	-79.33	-63.95	5.50	12.58	H
	1649.92	-64.97	-13	-51.97	-76.36	-68.20	3.98	9.36	V
	2474.88	-59.32	-13	-46.32	-77.98	-62.87	4.85	10.55	V
	3299.84	-58.40	-13	-45.40	-79.60	-63.33	5.50	12.58	V
Middle	1671.92	-65.86	-13	-52.86	-76.80	-69.11	4.00	9.40	H
	2507.88	-59.59	-13	-46.59	-78.19	-63.16	4.88	10.60	H
	3343.84	-59.04	-13	-46.04	-79.65	-63.97	5.52	12.60	H
	1671.92	-64.97	-13	-51.97	-76.62	-68.22	4.00	9.40	V
	2507.88	-59.71	-13	-46.71	-78.52	-63.28	4.88	10.60	V
	3343.84	-58.70	-13	-45.70	-79.61	-63.63	5.52	12.60	V
Highest	1695.52	-65.44	-13	-52.44	-76.70	-68.61	4.10	9.42	H
	2543.28	-59.64	-13	-46.64	-78.37	-63.22	4.90	10.63	H
	3391.04	-59.92	-13	-46.92	-79.27	-64.84	5.55	12.62	H
	1695.52	-64.79	-13	-51.79	-76.72	-67.96	4.10	9.42	V
	2543.28	-59.57	-13	-46.57	-78.52	-63.15	4.90	10.63	V
	3391.04	-58.91	-13	-45.91	-79.59	-63.83	5.55	12.62	V

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

LTE Band 5 / 3MHz / 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	1648.48	-65.77	-13	-52.77	-76.52	-69.00	3.98	9.36	H
	2472.72	-60.48	-13	-47.48	-78.82	-64.03	4.85	10.55	H
	3296.96	-59.16	-13	-46.16	-79.47	-64.09	5.50	12.58	H
	1648.48	-64.97	-13	-51.97	-76.36	-68.20	3.98	9.36	V
	2472.72	-59.80	-13	-46.80	-78.46	-63.35	4.85	10.55	V
	3296.96	-58.41	-13	-45.41	-79.61	-63.34	5.50	12.58	V
Middle	1670.48	-65.15	-13	-52.15	-76.03	-68.40	4.00	9.40	H
	2505.72	-59.65	-13	-46.65	-78.25	-63.22	4.88	10.60	H
	3340.96	-59.17	-13	-46.17	-79.78	-64.10	5.52	12.60	H
	1670.48	-64.32	-13	-51.32	-75.87	-67.57	4.00	9.40	V
	2505.72	-59.21	-13	-46.21	-78.02	-62.78	4.88	10.60	V
	3340.96	-58.75	-13	-45.75	-79.66	-63.68	5.52	12.60	V
Highest	1692.48	-65.58	-13	-52.58	-76.84	-68.75	4.10	9.42	H
	2538.72	-59.66	-13	-46.66	-78.39	-63.24	4.90	10.63	H
	3384.96	-60.19	-13	-47.19	-79.96	-65.11	5.55	12.62	H
	1692.48	-64.67	-13	-51.67	-76.60	-67.84	4.10	9.42	V
	2538.72	-59.34	-13	-46.34	-78.29	-62.92	4.90	10.63	V
	3384.96	-59.36	-13	-46.36	-80.12	-64.28	5.55	12.62	V

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

LTE Band 5 / 5MHz / 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	1648.68	-65.46	-13	-52.46	-76.21	-68.69	3.98	9.36	H
	2473.02	-59.91	-13	-46.91	-78.25	-63.46	4.85	10.55	H
	3297.36	-59.26	-13	-46.26	-79.57	-64.19	5.50	12.58	H
	1648.68	-64.86	-13	-51.86	-76.25	-68.09	3.98	9.36	V
	2473.02	-59.86	-13	-46.86	-78.52	-63.41	4.85	10.55	V
	3297.36	-58.31	-13	-45.31	-79.51	-63.24	5.50	12.58	V
Middle	1668.68	-65.11	-13	-52.11	-75.99	-68.36	4.00	9.40	H
	2503.02	-59.64	-13	-46.64	-78.11	-63.21	4.88	10.60	H
	3337.36	-59.13	-13	-46.13	-79.64	-64.06	5.52	12.60	H
	1668.68	-64.42	-13	-51.42	-75.97	-67.67	4.00	9.40	V
	2503.02	-59.38	-13	-46.38	-78.11	-62.95	4.88	10.60	V
	3337.36	-58.58	-13	-45.58	-79.59	-63.51	5.52	12.60	V
Highest	1688.68	-65.15	-13	-52.15	-76.41	-68.32	4.10	9.42	H
	2533.02	-59.81	-13	-46.81	-78.48	-63.39	4.90	10.63	H
	3377.36	-60.01	-13	-47.01	-79.78	-64.93	5.55	12.62	H
	1688.68	-64.40	-13	-51.40	-76.33	-67.57	4.10	9.42	V
	2533.02	-59.36	-13	-46.36	-78.24	-62.94	4.90	10.63	V
	3377.36	-58.79	-13	-45.79	-79.55	-63.71	5.55	12.62	V

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

LTE Band 5 / 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	1649.18	-65.01	-13	-52.01	-75.76	-68.24	3.98	9.36	H
	2473.77	-60.02	-13	-47.02	-78.36	-63.57	4.85	10.55	H
	3298.36	-58.88	-13	-45.88	-79.19	-63.81	5.50	12.58	H
	1649.18	-64.43	-13	-51.43	-75.82	-67.66	3.98	9.36	V
	2473.77	-59.63	-13	-46.63	-78.29	-63.18	4.85	10.55	V
	3298.36	-58.20	-13	-45.20	-79.40	-63.13	5.50	12.58	V
Middle	1664.18	-65.09	-13	-52.09	-75.97	-68.34	4.00	9.40	H
	2496.27	-59.50	-13	-46.50	-77.97	-63.07	4.88	10.60	H
	3328.36	-58.95	-13	-45.95	-79.46	-63.88	5.52	12.60	H
	1664.18	-64.46	-13	-51.46	-76.01	-67.71	4.00	9.40	V
	2496.27	-59.35	-13	-46.35	-78.08	-62.92	4.88	10.60	V
	3328.36	-58.43	-13	-45.43	-79.44	-63.36	5.52	12.60	V
Highest	1679.18	-65.09	-13	-52.09	-76.09	-68.26	4.10	9.42	H
	2518.77	-59.58	-13	-46.58	-78.18	-63.16	4.90	10.63	H
	3358.36	-59.26	-13	-46.26	-79.45	-64.18	5.55	12.62	H
	1679.18	-64.71	-13	-51.71	-76.42	-67.88	4.10	9.42	V
	2518.77	-59.05	-13	-46.05	-77.86	-62.63	4.90	10.63	V
	3358.36	-58.81	-13	-45.81	-79.65	-63.73	5.55	12.62	V

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

LTE Band 12 / 1.4MHz / 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	1398.14	-66.86	-13	-53.86	-76.79	-70.09	3.98	9.36	H
	2097.21	-61.89	-13	-48.89	-79.06	-65.44	4.85	10.55	H
	2796.28	-60.23	-13	-47.23	-78.77	-65.16	5.50	12.58	H
	1398.14	-65.78	-13	-52.78	-76.74	-69.01	3.98	9.36	V
	2097.21	-61.96	-13	-48.96	-78.92	-65.51	4.85	10.55	V
	2796.28	-59.45	-13	-46.45	-78.75	-64.38	5.50	12.58	V
Middle	1413.74	-67.17	-13	-54.17	-77.09	-70.42	4.00	9.40	H
	2120.61	-61.39	-13	-48.39	-78.65	-64.96	4.88	10.60	H
	2827.48	-59.98	-13	-46.98	-78.58	-64.91	5.52	12.60	H
	1413.74	-65.83	-13	-52.83	-76.81	-69.08	4.00	9.40	V
	2120.61	-61.50	-13	-48.50	-78.53	-65.07	4.88	10.60	V
	2827.48	-59.19	-13	-46.19	-78.60	-64.12	5.52	12.60	V
Highest	1429.34	-66.33	-13	-53.33	-76.33	-69.50	4.10	9.42	H
	2144.01	-61.67	-13	-48.67	-79.02	-65.25	4.90	10.63	H
	2858.68	-60.27	-13	-47.27	-78.98	-65.19	5.55	12.62	H
	1429.34	-66.03	-13	-53.03	-77.03	-69.20	4.10	9.42	V
	2144.01	-61.97	-13	-48.97	-79.07	-65.55	4.90	10.63	V
	2858.68	-59.27	-13	-46.27	-78.89	-64.19	5.55	12.62	V

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

LTE Band 12 / 3MHz / 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	1398.3	-65.89	-13	-52.89	-75.82	-69.12	3.98	9.36	H
	2097.45	-61.97	-13	-48.97	-79.14	-65.52	4.85	10.55	H
	2796.6	-59.95	-13	-46.95	-78.49	-64.88	5.50	12.58	H
	1398.3	-65.64	-13	-52.64	-76.60	-68.87	3.98	9.36	V
	2097.45	-61.69	-13	-48.69	-78.65	-65.24	4.85	10.55	V
	2796.6	-58.97	-13	-45.97	-78.27	-63.90	5.50	12.58	V
Middle	1412.3	-66.46	-13	-53.46	-76.38	-69.71	4.00	9.40	H
	2118.45	-61.66	-13	-48.66	-78.92	-65.23	4.88	10.60	H
	2824.6	-59.73	-13	-46.73	-78.33	-64.66	5.52	12.60	H
	1412.3	-65.75	-13	-52.75	-76.73	-69.00	4.00	9.40	V
	2118.45	-61.83	-13	-48.83	-78.86	-65.40	4.88	10.60	V
	2824.6	-58.89	-13	-45.89	-78.30	-63.82	5.52	12.60	V
Highest	1426.3	-66.46	-13	-53.46	-76.46	-69.63	4.10	9.42	H
	2139.45	-61.73	-13	-48.73	-79.08	-65.31	4.90	10.63	H
	2852.6	-59.88	-13	-46.88	-78.59	-64.80	5.55	12.62	H
	1426.3	-65.80	-13	-52.80	-76.80	-68.97	4.10	9.42	V
	2139.45	-62.05	-13	-49.05	-79.15	-65.63	4.90	10.63	V
	2852.6	-58.98	-13	-45.98	-78.60	-63.90	5.55	12.62	V

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

LTE Band 12 / 5MHz / 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	1398.5	-66.72	-13	-53.72	-76.65	-69.95	3.98	9.36	H
	2097.75	-61.52	-13	-48.52	-78.69	-65.07	4.85	10.55	H
	2797	-60.05	-13	-47.05	-78.59	-64.98	5.50	12.58	H
	1398.5	-65.69	-13	-52.69	-76.65	-68.92	3.98	9.36	V
	2097.75	-62.21	-13	-49.21	-79.17	-65.76	4.85	10.55	V
	2797	-59.20	-13	-46.20	-78.50	-64.13	5.50	12.58	V
Middle	1410.5	-66.79	-13	-53.79	-76.71	-70.04	4.00	9.40	H
	2115.75	-61.09	-13	-48.09	-78.35	-64.66	4.88	10.60	H
	2821	-59.83	-13	-46.83	-78.43	-64.76	5.52	12.60	H
	1410.5	-65.62	-13	-52.62	-76.60	-68.87	4.00	9.40	V
	2115.75	-61.78	-13	-48.78	-78.81	-65.35	4.88	10.60	V
	2821	-59.20	-13	-46.20	-78.61	-64.13	5.52	12.60	V
Highest	1422.5	-66.92	-13	-53.92	-76.92	-70.09	4.10	9.42	H
	2133.75	-61.77	-13	-48.77	-79.12	-65.35	4.90	10.63	H
	2845	-60.02	-13	-47.02	-78.73	-64.94	5.55	12.62	H
	1422.5	-65.54	-13	-52.54	-76.54	-68.71	4.10	9.42	V
	2133.75	-61.58	-13	-48.58	-78.68	-65.16	4.90	10.63	V
	2845	-59.09	-13	-46.09	-78.71	-64.01	5.55	12.62	V

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

LTE Band 12 / 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	1399	-66.82	-13	-53.82	-76.75	-70.05	3.98	9.36	H
	2098.5	-61.67	-13	-48.67	-78.84	-65.22	4.85	10.55	H
	2798	-60.09	-13	-47.09	-78.63	-65.02	5.50	12.58	H
	1399	-65.87	-13	-52.87	-76.83	-69.10	3.98	9.36	V
	2098.5	-61.35	-13	-48.35	-78.31	-64.90	4.85	10.55	V
	2798	-58.92	-13	-45.92	-78.22	-63.85	5.50	12.58	V
Middle	1406	-66.52	-13	-53.52	-76.44	-69.77	4.00	9.40	H
	2109	-61.84	-13	-48.84	-79.01	-65.41	4.88	10.60	H
	2812	-59.81	-13	-46.81	-78.41	-64.74	5.52	12.60	H
	1406	-65.24	-13	-52.24	-76.22	-68.49	4.00	9.40	V
	2109	-61.71	-13	-48.71	-78.67	-65.28	4.88	10.60	V
	2812	-59.17	-13	-46.17	-78.58	-64.10	5.52	12.60	V
Highest	1413	-66.54	-13	-53.54	-76.46	-69.71	4.10	9.42	H
	2119.5	-61.22	-13	-48.22	-78.48	-64.80	4.90	10.63	H
	2826	-59.66	-13	-46.66	-78.26	-64.58	5.55	12.62	H
	1413	-65.72	-13	-52.72	-76.70	-68.89	4.10	9.42	V
	2119.5	-61.76	-13	-48.76	-78.79	-65.34	4.90	10.63	V
	2826	-58.82	-13	-45.82	-78.23	-63.74	5.55	12.62	V

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

LTE Band 13 / 5MHz / 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	1554.5	-66.82	-13	-53.82	-77.18	-70.05	3.98	9.36	H
	2331.75	-61.51	-13	-48.51	-79.19	-65.06	4.85	10.55	H
	3109	-59.68	-13	-46.68	-79.18	-64.61	5.50	12.58	H
	1554.5	-65.83	-13	-52.83	-76.81	-69.06	3.98	9.36	V
	2331.75	-60.72	-13	-47.72	-78.68	-64.27	4.85	10.55	V
	3109	-57.87	-13	-44.87	-79.10	-62.80	5.50	12.58	V
Middle	1559.5	-66.84	-42.15	-24.69	-77.20	-70.09	4.00	9.40	H
	2339.25	-61.01	-13	-48.01	-78.69	-64.58	4.88	10.60	H
	3119	-59.70	-13	-46.70	-79.24	-64.63	5.52	12.60	H
	1559.5	-66.00	-42.15	-23.85	-76.98	-69.25	4.00	9.40	V
	2339.25	-60.58	-13	-47.58	-78.63	-64.15	4.88	10.60	V
	3119	-57.72	-13	-44.72	-79.06	-62.65	5.52	12.60	V
Highest	1564.5	-66.81	-42.15	-24.66	-77.17	-69.98	4.10	9.42	H
	2346.75	-61.54	-13	-48.54	-79.22	-65.12	4.90	10.63	H
	3129	-59.70	-13	-46.70	-79.24	-64.62	5.55	12.62	H
	1564.5	-66.42	-42.15	-24.27	-77.40	-69.59	4.10	9.42	V
	2346.75	-61.24	-13	-48.24	-79.29	-64.82	4.90	10.63	V
	3129	-58.16	-13	-45.16	-79.50	-63.08	5.55	12.62	V

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

LTE Band 13 / 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)
Middle	1559.5	-66.44	-42.15	-24.29	-76.80	-69.69	4.00	9.40	H
	2339.25	-60.96	-13	-47.96	-78.64	-64.53	4.88	10.60	H
	3119	-59.47	-13	-46.47	-79.01	-64.40	5.52	12.60	H
	1559.5	-65.71	-42.15	-23.56	-76.69	-68.96	4.00	9.40	V
	2339.25	-60.73	-13	-47.73	-78.78	-64.30	4.88	10.60	V
	3119	-57.94	-13	-44.94	-79.28	-62.87	5.52	12.60	V

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

LTE Band 17 / 5MHz / 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	1408.68	-65.94	-13	-52.94	-75.86	-69.17	3.98	9.36	H
	2113.02	-60.99	-13	-47.99	-78.16	-64.54	4.85	10.55	H
	2817.36	-59.12	-13	-46.12	-77.72	-64.05	5.50	12.58	H
	1408.68	-65.36	-13	-52.36	-76.34	-68.59	3.98	9.36	V
	2113.02	-61.35	-13	-48.35	-78.31	-64.90	4.85	10.55	V
	2817.36	-58.59	-13	-45.59	-78.00	-63.52	5.50	12.58	V
Middle	1415.68	-66.14	-13	-53.14	-76.06	-69.39	4.00	9.40	H
	2123.58	-60.96	-13	-47.96	-78.22	-64.53	4.88	10.60	H
	2831.36	-59.42	-13	-46.42	-78.07	-64.35	5.52	12.60	H
	1415.68	-65.19	-13	-52.19	-76.17	-68.44	4.00	9.40	V
	2123.58	-61.55	-13	-48.55	-78.58	-65.12	4.88	10.60	V
	2831.36	-58.51	-13	-45.51	-78.03	-63.44	5.52	12.60	V
Highest	1422.68	-66.41	-13	-53.41	-76.41	-69.58	4.10	9.42	H
	2134.02	-60.66	-13	-47.66	-78.01	-64.24	4.90	10.63	H
	2845.36	-59.29	-13	-46.29	-78.00	-64.21	5.55	12.62	H
	1422.68	-65.26	-13	-52.26	-76.26	-68.43	4.10	9.42	V
	2134.02	-61.70	-13	-48.70	-78.80	-65.28	4.90	10.63	V
	2845.36	-58.72	-13	-45.72	-78.34	-63.64	5.55	12.62	V

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

LTE Band 17 / 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	1409.18	-66.08	-13	-53.08	-76.00	-69.31	3.98	9.36	H
	2113.77	-61.30	-13	-48.30	-78.56	-64.85	4.85	10.55	H
	2818.36	-59.60	-13	-46.60	-78.20	-64.53	5.50	12.58	H
	1409.18	-65.47	-13	-52.47	-76.45	-68.70	3.98	9.36	V
	2113.77	-61.38	-13	-48.38	-78.41	-64.93	4.85	10.55	V
	2818.36	-58.43	-13	-45.43	-77.84	-63.36	5.50	12.58	V
Middle	1411.18	-66.52	-13	-53.52	-76.44	-69.77	4.00	9.40	H
	2116.77	-61.29	-13	-48.29	-78.55	-64.86	4.88	10.60	H
	2822.36	-59.32	-13	-46.32	-77.92	-64.25	5.52	12.60	H
	1411.18	-65.38	-13	-52.38	-76.36	-68.63	4.00	9.40	V
	2116.77	-61.36	-13	-48.36	-78.39	-64.93	4.88	10.60	V
	2822.36	-58.83	-13	-45.83	-78.24	-63.76	5.52	12.60	V
Highest	1413.18	-66.15	-13	-53.15	-76.07	-69.32	4.10	9.42	H
	2119.77	-61.17	-13	-48.17	-78.43	-64.75	4.90	10.63	H
	2826.36	-59.77	-13	-46.77	-78.37	-64.69	5.55	12.62	H
	1413.18	-65.22	-13	-52.22	-76.20	-68.39	4.10	9.42	V
	2119.77	-61.36	-13	-48.36	-78.39	-64.94	4.90	10.63	V
	2826.36	-58.36	-13	-45.36	-77.77	-63.28	5.55	12.62	V

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

LTE Band 25 / 1.4MHz / 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	3700.14	-57.43	-13	-44.43	-80.03	-64.19	5.82	12.58	H
	5550.21	-57.81	-13	-44.81	-81.72	-63.53	7.28	13.00	H
	7400.28	-55.32	-13	-42.32	-81.71	-58.48	8.32	11.48	H
	3700.14	-55.48	-13	-42.48	-79.77	-62.24	5.82	12.58	V
	5550.21	-57.49	-13	-44.49	-81.83	-63.21	7.28	13.00	V
	7400.28	-55.41	-13	-42.41	-81.77	-58.57	8.32	11.48	V
Middle	3763.74	-58.32	-13	-45.32	-80.71	-65.07	5.85	12.60	H
	5645.61	-57.76	-13	-44.76	-81.38	-63.56	7.3	13.10	H
	7527.48	-55.32	-13	-42.32	-81.20	-58.47	8.35	11.50	H
	3763.74	-55.90	-13	-42.90	-80.61	-62.65	5.85	12.60	V
	5645.61	-57.82	-13	-44.82	-81.59	-63.62	7.3	13.10	V
	7527.48	-54.88	-13	-41.88	-80.74	-58.03	8.35	11.50	V
Highest	3827.34	-58.03	-13	-45.03	-80.41	-64.77	5.88	12.62	H
	5741.01	-57.54	-13	-44.54	-81.76	-63.35	7.32	13.13	H
	7654.68	-55.56	-13	-42.56	-81.03	-58.72	8.38	11.54	H
	3827.34	-53.36	-13	-40.36	-77.34	-60.10	5.88	12.62	V
	5741.01	-56.92	-13	-43.92	-81.69	-62.73	7.32	13.13	V
	7654.68	-54.09	-13	-41.09	-80.59	-57.25	8.38	11.54	V

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

LTE Band 25 / 3MHz / 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	3700.3	-57.35	-13	-44.35	-79.95	-64.11	5.82	12.58	H
	5550.45	-58.04	-13	-45.04	-81.95	-63.76	7.28	13.00	H
	7400.6	-54.79	-13	-41.79	-81.13	-57.95	8.32	11.48	H
	3700.3	-54.17	-13	-41.17	-78.46	-60.93	5.82	12.58	V
	5550.45	-57.16	-13	-44.16	-81.5	-62.88	7.28	13.00	V
	7400.6	-55.27	-13	-42.27	-81.58	-58.43	8.32	11.48	V
Middle	3757.48	-58.39	-13	-45.39	-80.33	-65.14	5.85	12.60	H
	5636.22	-57.99	-13	-44.99	-81.61	-63.79	7.3	13.10	H
	7514.96	-55.39	-13	-42.39	-81.33	-58.54	8.35	11.50	H
	3757.48	-54.99	-13	-41.99	-80.09	-61.74	5.85	12.60	V
	5636.22	-57.90	-13	-44.90	-81.67	-63.70	7.3	13.10	V
	7514.96	-55.18	-13	-42.18	-81.11	-58.33	8.35	11.50	V
Highest	3824.3	-58.02	-13	-45.02	-80.40	-64.76	5.88	12.62	H
	5736.45	-57.56	-13	-44.56	-81.78	-63.37	7.32	13.13	H
	7648.6	-55.57	-13	-42.57	-81.04	-58.73	8.38	11.54	H
	3824.3	-53.74	-13	-40.74	-77.72	-60.48	5.88	12.62	V
	5736.45	-56.99	-13	-43.99	-81.76	-62.80	7.32	13.13	V
	7648.6	-54.64	-13	-41.64	-81.14	-57.80	8.38	11.54	V

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

LTE Band 25 / 5MHz / 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	3700.5	-57.10	-13	-44.10	-79.70	-63.86	5.82	12.58	H
	5550.75	-57.81	-13	-44.81	-81.72	-63.53	7.28	13.00	H
	7401	-54.92	-13	-41.92	-81.26	-58.08	8.32	11.48	H
	3700.5	-54.50	-13	-41.50	-78.79	-61.26	5.82	12.58	V
	5550.75	-57.72	-13	-44.72	-82.06	-63.44	7.28	13.00	V
	7401	-54.88	-13	-41.88	-81.19	-58.04	8.32	11.48	V
Middle	3760.5	-58.52	-13	-45.52	-80.46	-65.27	5.85	12.60	H
	5640.75	-57.93	-13	-44.93	-81.55	-63.73	7.3	13.10	H
	7521	-55.28	-13	-42.28	-81.16	-58.43	8.35	11.50	H
	3760.5	-55.11	-13	-42.11	-80.21	-61.86	5.85	12.60	V
	5640.75	-57.71	-13	-44.71	-81.48	-63.51	7.3	13.10	V
	7521	-55.23	-13	-42.23	-81.09	-58.38	8.35	11.50	V
Highest	3820.5	-58.20	-13	-45.20	-80.58	-64.94	5.88	12.62	H
	5730.75	-57.45	-13	-44.45	-81.57	-63.26	7.32	13.13	H
	7641	-55.59	-13	-42.59	-81.07	-58.75	8.38	11.54	H
	3820.5	-54.87	-13	-41.87	-78.85	-61.61	5.88	12.62	V
	5730.75	-57.03	-13	-44.03	-81.63	-62.84	7.32	13.13	V
	7641	-54.62	-13	-41.62	-81.13	-57.78	8.38	11.54	V

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

LTE Band 25 / 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	3701	-57.28	-13	-44.28	-79.88	-64.04	5.82	12.58	H
	5551.5	-58.12	-13	-45.12	-82.03	-63.84	7.28	13.00	H
	7402	-55.36	-13	-42.36	-81.70	-58.52	8.32	11.48	H
	3701	-54.14	-13	-41.14	-78.43	-60.90	5.82	12.58	V
	5551.5	-57.47	-13	-44.47	-81.81	-63.19	7.28	13.00	V
	7402	-54.88	-13	-41.88	-81.19	-58.04	8.32	11.48	V
Middle	3756	-58.17	-13	-45.17	-80.11	-64.92	5.85	12.60	H
	5634	-57.31	-13	-44.31	-80.93	-63.11	7.3	13.10	H
	7512	-55.25	-13	-42.25	-81.19	-58.40	8.35	11.50	H
	3756	-55.62	-13	-42.62	-80.72	-62.37	5.85	12.60	V
	5634	-56.94	-13	-43.94	-80.71	-62.74	7.3	13.10	V
	7512	-55.32	-13	-42.32	-81.25	-58.47	8.35	11.50	V
Highest	3756	-58.14	-13	-45.14	-80.08	-64.88	5.88	12.62	H
	5634	-57.86	-13	-44.86	-81.48	-63.67	7.32	13.13	H
	7512	-55.09	-13	-42.09	-81.03	-58.25	8.38	11.54	H
	3756	-55.72	-13	-42.72	-80.82	-62.46	5.88	12.62	V
	5634	-58.00	-13	-45.00	-81.77	-63.81	7.32	13.13	V
	7512	-54.81	-13	-41.81	-80.74	-57.97	8.38	11.54	V

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

LTE Band 25 / 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	3701.5	-57.22	-13	-44.22	-79.82	-63.98	5.82	12.58	H
	5552.25	-57.87	-13	-44.87	-81.78	-63.59	7.28	13.00	H
	7403	-55.01	-13	-42.01	-81.35	-58.17	8.32	11.48	H
	3701.5	-54.46	-13	-41.46	-78.75	-61.22	5.82	12.58	V
	5552.25	-57.57	-13	-44.57	-81.91	-63.29	7.28	13.00	V
	7403	-54.16	-13	-41.16	-80.47	-57.32	8.32	11.48	V
Middle	3751.5	-57.79	-13	-44.79	-79.73	-64.54	5.85	12.60	H
	5627.25	-57.69	-13	-44.69	-81.39	-63.49	7.3	13.10	H
	7503	-54.89	-13	-41.89	-80.83	-58.04	8.35	11.50	H
	3751.5	-55.28	-13	-42.28	-80.38	-62.03	5.85	12.60	V
	5627.25	-57.47	-13	-44.47	-81.67	-63.27	7.3	13.10	V
	7503	-54.96	-13	-41.96	-80.89	-58.11	8.35	11.50	V
Highest	3801.5	-57.84	-13	-44.84	-80.12	-64.58	5.88	12.62	H
	5702.25	-57.33	-13	-44.33	-81.35	-63.14	7.32	13.13	H
	7603	-55.17	-13	-42.17	-80.78	-58.33	8.38	11.54	H
	3801.5	-54.23	-13	-41.23	-78.15	-60.97	5.88	12.62	V
	5702.25	-57.35	-13	-44.35	-81.79	-63.16	7.32	13.13	V
	7603	-54.97	-13	-41.97	-80.58	-58.13	8.38	11.54	V

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

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	-57.33	-13	-44.33	-79.93	-64.09	5.82	12.58	H
	5553	-57.79	-13	-44.79	-81.70	-63.51	7.28	13.00	H
	7404	-55.06	-13	-42.06	-81.40	-58.22	8.32	11.48	H
	3702	-54.35	-13	-41.35	-78.64	-61.11	5.82	12.58	V
	5553	-57.56	-13	-44.56	-81.9	-63.28	7.28	13.00	V
	7404	-55.19	-13	-42.19	-81.5	-58.35	8.32	11.48	V
Middle	3747	-58.11	-13	-45.11	-80.05	-64.86	5.85	12.60	H
	5620.5	-57.86	-13	-44.86	-81.56	-63.66	7.3	13.10	H
	7494	-55.09	-13	-42.09	-81.09	-58.24	8.35	11.50	H
	3747	-55.49	-13	-42.49	-80.59	-62.24	5.85	12.60	V
	5620.5	-57.44	-13	-44.44	-81.64	-63.24	7.3	13.10	V
	7494	-55.34	-13	-42.34	-81.33	-58.49	8.35	11.50	V
Highest	3792	-57.22	-13	-44.22	-80.05	-63.96	5.88	12.62	H
	5688	-57.49	-13	-44.49	-81.41	-63.30	7.32	13.13	H
	7584	-55.75	-13	-42.75	-81.43	-58.91	8.38	11.54	H
	3792	-54.04	-13	-41.04	-78.36	-60.78	5.88	12.62	V
	5688	-57.36	-13	-44.36	-81.63	-63.17	7.32	13.13	V
	7584	-55.72	-13	-42.72	-81.4	-58.88	8.38	11.54	V

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

LTE Band 26 / 1.4MHz / 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	1648.14	-65.94	-13	-52.94	-76.69	-69.17	3.98	9.36	H
	2472.21	-60.59	-13	-47.59	-78.93	-64.14	4.85	10.55	H
	3296.28	-59.26	-13	-46.26	-79.57	-64.19	5.50	12.58	H
	1648.14	-65.28	-13	-52.28	-76.67	-68.51	3.98	9.36	V
	2472.21	-60.29	-13	-47.29	-78.95	-63.84	4.85	10.55	V
	3296.28	-58.53	-13	-45.53	-79.73	-63.46	5.50	12.58	V
Middle	1671.74	-65.78	-13	-52.78	-76.72	-69.03	4.00	9.40	H
	2507.61	-60.19	-13	-47.19	-78.79	-63.76	4.88	10.60	H
	3343.48	-59.35	-13	-46.35	-79.96	-64.28	5.52	12.60	H
	1671.74	-65.08	-13	-52.08	-76.73	-68.33	4.00	9.40	V
	2507.61	-59.77	-13	-46.77	-78.58	-63.34	4.88	10.60	V
	3343.48	-59.21	-13	-46.21	-80.12	-64.14	5.52	12.60	V
Highest	1671.74	-65.54	-13	-52.54	-76.48	-68.71	4.10	9.42	H
	2507.61	-59.93	-13	-46.93	-78.53	-63.51	4.90	10.63	H
	3343.48	-59.02	-13	-46.02	-79.63	-63.94	5.55	12.62	H
	1671.74	-65.29	-13	-52.29	-76.94	-68.46	4.10	9.42	V
	2507.61	-59.53	-13	-46.53	-78.34	-63.11	4.90	10.63	V
	3343.48	-58.78	-13	-45.78	-79.69	-63.70	5.55	12.62	V

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

LTE Band 26 / 3MHz / 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	1648.3	-65.74	-13	-52.74	-76.49	-68.97	3.98	9.36	H
	2472.45	-60.55	-13	-47.55	-78.89	-64.10	4.85	10.55	H
	3296.6	-59.48	-13	-46.48	-79.79	-64.41	5.50	12.58	H
	1648.3	-64.66	-13	-51.66	-76.05	-67.89	3.98	9.36	V
	2472.45	-59.95	-13	-46.95	-78.61	-63.50	4.85	10.55	V
	3296.6	-58.77	-13	-45.77	-79.97	-63.70	5.50	12.58	V
Middle	1670.3	-65.68	-13	-52.68	-76.56	-68.93	4.00	9.40	H
	2505.45	-59.48	-13	-46.48	-78.08	-63.05	4.88	10.60	H
	3340.6	-59.18	-13	-46.18	-79.79	-64.11	5.52	12.60	H
	1670.3	-65.29	-13	-52.29	-76.84	-68.54	4.00	9.40	V
	2505.45	-59.73	-13	-46.73	-78.54	-63.30	4.88	10.60	V
	3340.6	-58.74	-13	-45.74	-79.65	-63.67	5.52	12.60	V
Highest	1692.3	-65.53	-13	-52.53	-76.79	-68.70	4.10	9.42	H
	2538.45	-59.62	-13	-46.62	-78.29	-63.20	4.90	10.63	H
	3384.6	-60.59	-13	-47.59	-80.36	-65.51	5.55	12.62	H
	1692.3	-64.93	-13	-51.93	-76.86	-68.10	4.10	9.42	V
	2538.45	-59.63	-13	-46.63	-78.51	-63.21	4.90	10.63	V
	3384.6	-58.93	-13	-45.93	-79.69	-63.85	5.55	12.62	V

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

LTE Band 26 / 5MHz / 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	1648.5	-65.50	-13	-52.50	-76.25	-68.73	3.98	9.36	H
	2472.75	-60.41	-13	-47.41	-78.75	-63.96	4.85	10.55	H
	3297	-59.64	-13	-46.64	-79.95	-64.57	5.50	12.58	H
	1648.5	-65.08	-13	-52.08	-76.47	-68.31	3.98	9.36	V
	2472.75	-59.73	-13	-46.73	-78.39	-63.28	4.85	10.55	V
	3297	-58.13	-13	-45.13	-79.33	-63.06	5.50	12.58	V
Middle	1668.5	-65.49	-13	-52.49	-76.37	-68.74	4.00	9.40	H
	2502.75	-60.04	-13	-47.04	-78.51	-63.61	4.88	10.60	H
	3337	-59.45	-13	-46.45	-79.96	-64.38	5.52	12.60	H
	1668.5	-64.77	-13	-51.77	-76.32	-68.02	4.00	9.40	V
	2502.75	-59.32	-13	-46.32	-78.05	-62.89	4.88	10.60	V
	3337	-59.02	-13	-46.02	-80.03	-63.95	5.52	12.60	V
Highest	1688.5	-65.80	-13	-52.80	-76.80	-68.97	4.10	9.42	H
	2532.75	-60.07	-13	-47.07	-78.74	-63.65	4.90	10.63	H
	3377	-60.18	-13	-47.18	-79.95	-65.10	5.55	12.62	H
	1688.5	-64.71	-13	-51.71	-76.42	-67.88	4.10	9.42	V
	2532.75	-59.66	-13	-46.66	-78.54	-63.24	4.90	10.63	V
	3377	-59.66	-13	-46.66	-80.42	-64.58	5.55	12.62	V

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

LTE Band 26 / 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	1649	-65.56	-13	-52.56	-76.31	-68.79	3.98	9.36	H
	2473.5	-60.09	-13	-47.09	-78.43	-63.64	4.85	10.55	H
	3298	-59.25	-13	-46.25	-79.56	-64.18	5.50	12.58	H
	1649	-64.86	-13	-51.86	-76.25	-68.09	3.98	9.36	V
	2473.5	-60.24	-13	-47.24	-78.90	-63.79	4.85	10.55	V
	3298	-58.10	-13	-45.10	-79.30	-63.03	5.50	12.58	V
Middle	1664	-65.73	-13	-52.73	-76.61	-68.98	4.00	9.40	H
	2496	-59.85	-13	-46.85	-78.32	-63.42	4.88	10.60	H
	3328	-58.88	-13	-45.88	-79.39	-63.81	5.52	12.60	H
	1664	-64.57	-13	-51.57	-76.12	-67.82	4.00	9.40	V
	2496	-59.44	-13	-46.44	-78.17	-63.01	4.88	10.60	V
	3328	-58.45	-13	-45.45	-79.46	-63.38	5.52	12.60	V
Highest	1679	-65.42	-13	-52.42	-76.42	-68.59	4.10	9.42	H
	2518.5	-59.76	-13	-46.76	-78.36	-63.34	4.90	10.63	H
	3358	-59.65	-13	-46.65	-79.84	-64.57	5.55	12.62	H
	1679	-64.72	-13	-51.72	-76.43	-67.89	4.10	9.42	V
	2518.5	-59.67	-13	-46.67	-78.48	-63.25	4.90	10.63	V
	3358	-58.99	-13	-45.99	-79.83	-63.91	5.55	12.62	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	-65.89	-13	-52.89	-76.64	-69.12	3.98	9.36	H
	2474.25	-60.37	-13	-47.37	-78.71	-63.92	4.85	10.55	H
	3299	-59.37	-13	-46.37	-79.68	-64.30	5.50	12.58	H
	1649.5	-65.06	-13	-52.06	-76.45	-68.29	3.98	9.36	V
	2474.25	-60.01	-13	-47.01	-78.67	-63.56	4.85	10.55	V
	3299	-58.26	-13	-45.26	-79.46	-63.19	5.50	12.58	V
Middle	1659.5	-65.54	-13	-52.54	-76.42	-68.79	4.00	9.40	H
	2489.25	-60.06	-13	-47.06	-78.53	-63.63	4.88	10.60	H
	3319	-59.53	-13	-46.53	-79.94	-64.46	5.52	12.60	H
	1659.5	-64.96	-13	-51.96	-76.51	-68.21	4.00	9.40	V
	2489.25	-59.83	-13	-46.83	-78.56	-63.40	4.88	10.60	V
	3319	-58.57	-13	-45.57	-79.68	-63.50	5.52	12.60	V
Highest	1669.5	-65.99	-13	-52.99	-76.87	-69.16	4.10	9.42	H
	2504.25	-59.94	-13	-46.94	-78.41	-63.52	4.90	10.63	H
	3339	-59.24	-13	-46.24	-79.85	-64.16	5.55	12.62	H
	1669.5	-64.42	-13	-51.42	-75.97	-67.59	4.10	9.42	V
	2504.25	-59.11	-13	-46.11	-77.84	-62.69	4.90	10.63	V
	3339	-59.13	-13	-46.13	-80.04	-64.05	5.55	12.62	V

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

Appendix C. Reference Report

Please refer to Sporton report number FG021501B which is issued separately.