FCC 47 CFR PART 22 SUBPART H AND PART 24 SUBPART E
&
INDUSTRY CANADA RSS-132 & RSS-133

TEST REPORT

For

LE910-NAG

Trade Name: Telit

Model: LE910-NAG

Issued to

Telit Communications S.p.A.
Via Stazione di Prosecco 5/B
34010 Sgonico, Trieste - Italy

Issued by

Compliance Certification Services Inc.
No.11, Wugong 6th Rd., Wugu Dist.,
New Taipei City 24891, Taiwan. (R.O.C.)
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service@ccsrf.com
Issued Date: June 4, 2015

Testing Laboratory
1309

Revision History

Rev.		Issue Date		Revisions	Effect Page	Revised By
00		June 4, 2015		Initial Issue	ALL	Doris Chu

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1. TEST RESULT CERTIFICATION

Applicant:	Telit Communications S.p.A. Via Stazione di Prosecco 5/B 34010 Sgonico, Trieste - Italy
Manufacturer:	Telit Communications S.p.A. Via Stazione di Prosecco 5/B 34010 Sgonico, Trieste - Italy
Equipment Under Test:	LE910-NAG
Trade Name:	Telit
Model Number:	LE910-NAG
Date of Test:	May 31, 2015

APPLICABLE STANDARDS	
STANDARD	**TEST RESULT**
FCC 47 CFR PART 22 SUBPART H AND PART 24 SUBPART E & IC RSS-132 Issue 3: January, 2013 and IC RSS-133 Issue 6: January 2013	No non-compliance noted

We hereby certify that:

The above equipment was tested by Compliance Certification Services Inc. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in TIA/EIA-603-C and the energy emitted by the sample EUT tested as described in this report is in compliance with radiated emission limits of FCC Rule FCC PART 22 Subpart H, PART 24 Subpart E, IC RSS-132 Issue 2 and IC RSS-133 Issue 4.

The test results of this report relate only to the tested sample identified in this report.

Approved by:

Miller Lee
Manager
Compliance Certification Services Inc.

Reviewed by:

Angel Cheng
Section Manager
Compliance Certification Services Inc.

2. EUT DESCRIPTION

Product	LE910-NAG	
Trade Name	Telit	
Model Number	LE910-NAG	
Model Discrepancy	N/A	
Received Date	May 28, 2015	
Power Supply	DC 3.8V powered from Host device.	
Frequency Range	LTE Band 2 Channel Bandwidth: 5MHz	1852.5MHz ~1907.5MHz
	LTE Band 2 Channel Bandwidth: 10MHz	1855MHz ~1905MHz
	LTE Band 2 Channel Bandwidth: 20MHz	1860MHz ~1900MHz
	LTE Band 5 Channel Bandwidth: 5MHz	826.5MHz ~846.5MHz
	LTE Band 5 Channel Bandwidth: 10MHz	829MHz ~844MHz
Modulation Technique	LTE Band 2	QPSK, 16QAM
	LTE Band 5	QPSK, 16QAM
Maximum EIRP Power	LTE Band 2 Channel Bandwidth: 5MHz	QPSK: 19.18 dBm 16QAM: 19.85 dBm
	LTE Band 2 Channel Bandwidth: 10MHz	QPSK: 17.85 dBm 16QAM: 18.37 dBm
	LTE Band 2 Channel Bandwidth: 20MHz	QPSK: 17.02 dBm 16QAM: 18.31 dBm
Maximum EIRP Power	LTE Band 5 Channel Bandwidth: 5MHz	QPSK: 26.59 dBm 16QAM: 23.30 dBm
	LTE Band 5 Channel Bandwidth: 10MHz	QPSK: 22.21 dBm 16QAM: 23.13 dBm
Category	9	
Antenna Specification	1/4l Antenna / Gain: 2.14 dBi	

Remark: *The sample selected for test was engineering sample that approximated to production product and was provided by manufacturer.*

3. TEST METHODOLOGY

Both conducted and radiated testing were performed according to the procedures document on chapter 13 of ANSI C63.10: 2013, TIA/EIA-603-C: 2004 and FCC CFR 47, Part 2 and Part 22 Subpart H & Part 24 Subpart E.

The tests documented in this report were performed in accordance with IC RSS-132, SPSR503, RSS-133, SPSR510 and ANSI C63.10: 2013 and TIA/EIA-603-C.

3.1EUT CONFIGURATION

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner that intends to maximize its emission characteristics in a continuous normal application.

3.2EUT EXERCISE

The EUT was operated in the engineering mode to fix the TX frequency that was for the purpose of the measurements.

3.3GENERAL TEST PROCEDURES

Conducted Emissions

According to the requirements in ANSI C63.10: 2013.Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-peak and average detector modes.

Radiated Emissions

The EUT is placed on a turn table, which is 1.5 m above ground plane. The turntable shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna, which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the maximum emissions, exploratory radiated emission measurements were made according to the requirements in ANSI C63.10: 2013.

3.4DESCRIPTION OF TEST MODES

The EUT (model: LE910-NAG) had been tested under operating condition.

Software used to control the EUT for staying in continuous transmitting mode was programmed.

LTE Band 2: 1850MHz ~ 1910MHz

Three channels had been tested for each channel bandwidth.

Channel Bandwidth	5MHz		10MHz		20MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low channel (L)	18625	1852.5	18650	1855	18700	1860
Middle channel (M)	18900	1880	18900	1880	18900	1880
High channel (H)	19175	1907.5	19150	1905	19100	1900

LTE Band 5: 824MHz ~ 849MHz

Three channels had been tested for each channel bandwidth.

Channel Bandwidth	5MHz		10MHz	
	Channel	Frequency(MHz)	Channel	Frequency(MHz)
Low channel (L)	20425	826.5	20450	829
Middle channel (M)	20525	836.5	20525	836.5
High channel (H)	20625	846.5	20600	844

4. INSTRUMENT CALIBRATION

4.1MEASURING INSTRUMENT CALIBRATION

The measuring equipment, which was utilized in performing the tests documented herein, has been calibrated in accordance with the manufacturer's recommendations for utilizing calibration equipment, which is traceable to recognized national standards.

4.2MEASUREMENT EQUIPMENT USED

Equipment Used for Emissions Measurement

Remark: *Each piece of equipment is scheduled for calibration once a year and Loop Antenna is scheduled for calibration once three years.*

Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	E4407B	MY44212686	03/17/2016
Pre-Amplifier	MITEQ	AFS44-00102650-42-10P-44	1042473	04/13/2016
Bilog Antenna	Sunol Sciences	JB3	A030205	08/18/2015
Turn Table	CCS	CC-T-1F	N/A	N.C.R
Antenna Tower	CCS	CC-A-1F	N/A	N.C.R
Controller	CCS	CC-C-1F	N/A	N.C.R
Spectrum Analyzer	ROHDE&SCHWARZ	FSV40	101073	07/09/2015
Horn Antenna	EMCO	3117	00055165	01/26/2016
Wideband Radio Communication Tester	ROHDE&SCHWARZ	CMW 500	116875	04/13/2016

4.3MEASUREMENT UNCERTAINTY

PARAMETER	UNCERTAINTY
3M Semi Anechoic Chamber / 30M~200M	+/- 4.0138
3M Semi Anechoic Chamber / 200M~1000M	+/- 3.9483
3M Semi Anechoic Chamber / 1G~8G	+/- 2.5975
3M Semi Anechoic Chamber / 8G~18G	+/- 2.6112
3M Semi Anechoic Chamber / 18G~26G	+/- 2.7389
3M Semi Anechoic Chamber / 26G~40G	+/- 2.9683

Remark*: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.*

5. FACILITIES AND ACCREDITATIONS

5.1FACILITIES

All measurement facilities used to collect the measurement data are located at

☐ No.199, Chunghsen Road, Hsintien City, Taipei Hsien, Taiwan, R.O.C.
Tel: 886-2-2217-0894 / Fax: 886-2-2217-1029

☒ No.11, Wugong 6th Rd., Wugu Dist., New Taipei City 24891, Taiwan. (R.O.C.)
Tel: 886-2-2299-9720 / Fax: 886-2-2298-4045

☐ No.81-1, Lane 210, Bade 2nd Rd., Lujhu Township, Taoyuan County 33841, TAIWAN, R.O.C.
Tel: 886-3-324-0332 / Fax: 886-3-324-5235

The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.10: 2013 and CISPR Publication 22.

5.2EQUIPMENT

Radiated emissions are measured with one or more of the following types of linearly polarized antennas: tuned dipole, biconical, log periodic, bi-log, ridged waveguide, horn and/or Loop. Spectrum analyzers with pre-selectors and quasi-peak detectors are used to perform radiated measurements.

Conducted emissions are measured with Line Impedance Stabilization Networks and EMI Test Receivers.

Calibrated wideband preamplifiers, coaxial cables, and coaxial attenuators are also used for making measurements.

All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

5.3LABORATORY ACCREDITATIONS AND LISTING

The test facilities used to perform radiated and conducted emissions tests are accredited by American Association for Laboratory Accreditation Program for the specific scope accreditation under Lab Code: 0824-01 to perform Electromagnetic Interference tests according to FCC Part 15 and CISPR 22 requirements. In addition, the test facilities are listed with Industry Canada, Certification and Engineering Bureau, IC 2324G-1 for 3M Semi Anechoic Chamber A, 2324G-2 for 3M Semi Anechoic Chamber B.

5.4TABLE OF ACCREDITATIONS AND LISTINGS

Country	Agency	Scope of Accreditation	Logo
USA	FCC	3M Semi Anechoic Chamber (FCC MRA: TW1039) to perform FCC Part 15 measurements	FCC MRA: TW1039
Taiwan	TAF	LP0002, RTTE01, FCC Method-47 CFR Part 15 Subpart C, D, E, RSS-210, RSS-310 IDA TS SRD, AS/NZS 4268, AS/NZS 4771, TS 12.1 & 12,2, ETSI EN 300 440-1, ETSI EN 300 440-2, ETSI EN 300 328, ETSI EN 300 220-1, ETSI EN 300 220-2, ETSI EN 301 893, ETSI EN 301 489-1/3/7/17 FCC OET Bulletin 65 + Supplement C, EN 50360, EN 50361, EN 50371, RSS 102, EN 50383, EN 50385, EN 50392, IEC 62209, CNS 14958-1, CNS 14959 FCC Method –47 CFR Part 15 Subpart B IEC / EN 61000-3-2, IEC / EN 61000-3-3, IEC / EN 61000-4-2/3/4/5/6/8/11	TAF Testing Laboratory 1309
Canada	Industry Canada	3M Semi Anechoic Chamber (IC 2324G-1 / IC 2324G-2) to perform	Canada IC 2324G-1 IC 2324G-2

** No part of this report may be used to claim or imply product endorsement by A2LA or any agency of the US Government.*

6. SETUP OF EQUIPMENT UNDER TEST

6.1SETUP CONFIGURATION OF EUT

See test photographs attached in Appendix II for the actual connections between EUT and support equipment.

6.2SUPPORT EQUIPMENT

No.	Device Type	Brand	Model	Series No.	FCC ID	Data Cable	Power Cord
	N/A						

Remark:

1. *All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.*
2. *Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.*

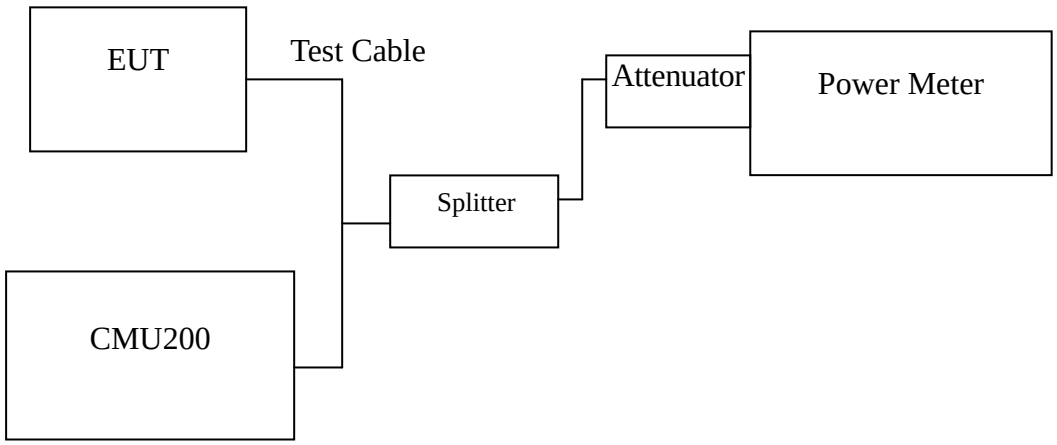
7. FCC PART 22 & 24 REQUIREMENTS & INDUSTRY CANADA RSS-132 & RSS-133

7.1PEAK BURST POWER

LIMIT

According to FCC §2.1046.

Test Configuration



Remark: *Measurement setup for testing on Antenna connector*

TEST PROCEDURE

The transmitter output was connected to a calibrated attenuator, the other end of which was connected to a power meter. Transmitter output was read off the power meter in dBm. The power output at the transmitter antenna port was determined by adding the value of the attenuator to the power meter reading.

TEST RESULTS

No non-compliance noted.

Test Data

LTE Band 5

Channel Bandwidth: 5MHz

Conducted Output Power (QPSK 1 RB ALLOCATED AT THE LOWER EDGE)			
Frequency (MHz)	Channel	Output Power	
		(dBm)	(W)
826.5	20425	22.60	0.18197
836.5	20525	22.57	0.18072
846.5	20625	22.62	0.18281

Conducted Output Power (QPSK 1 RB ALLOCATED AT THE UPPER EDGE)			
Frequency (MHz)	Channel	Output Power	
		(dBm)	(W)
826.5	20425	22.48	0.17701
836.5	20525	22.59	0.18155
846.5	20625	22.83	0.19187

Conducted Output Power (QPSK 50% RB ALLOCATION CENTERED)			
Frequency (MHz)	Channel	Output Power	
		(dBm)	(W)
826.5	20425	21.75	0.14962
836.5	20525	22.00	0.15849
846.5	20625	22.01	0.15885

Conducted Output Power (QPSK 100% RB ALLOCATION)			
Frequency (MHz)	Channel	Output Power	
		(dBm)	(W)
826.5	20425	22.72	0.18707
836.5	20525	22.36	0.17219
846.5	20625	22.38	0.17298

Remarks:

1. Output Power (dBm) = Raw Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Power Splitter Loss (dB) + Cable Loss (dB) + 20dB Attenuator.
3. The value in bold is the worst.

Channel Bandwidth: 5MHz

Conducted Output Power (16QAM 1 RB ALLOCATED AT THE LOWER EDGE)			
Frequency (MHz)	**Channel**	**Output Power**	
		(dBm)	**(W)**
826.5	20425	22.36	0.17219
836.5	20525	22.34	0.17140
846.5	20625	22.75	0.18836

Conducted Output Power (16QAM 1 RB ALLOCATED AT THE UPPER EDGE)			
Frequency (MHz)	**Channel**	**Output Power**	
		(dBm)	**(W)**
826.5	20425	22.47	0.17660
836.5	20525	22.22	0.16672
846.5	20625	22.39	0.17338

Conducted Output Power (16QAM 50% RB ALLOCATION CENTERED)			
Frequency (MHz)	**Channel**	**Output Power**	
		(dBm)	**(W)**
826.5	20425	21.62	0.14521
836.5	20525	21.70	0.14791
846.5	20625	21.64	0.14588

Conducted Output Power (16QAM 100% RB ALLOCATION)			
Frequency (MHz)	**Channel**	**Output Power**	
		(dBm)	**(W)**
826.5	20425	21.27	0.13397
836.5	20525	21.28	0.13428
846.5	20625	21.28	0.13428

Remarks:

1. Output Power (dBm) = Raw Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Power Splitter Loss (dB) + Cable Loss (dB) + 20dB Attenuator.
3. The value in bold is the worst.

LTE Band 5

Channel Bandwidth: 10MHz

Conducted Output Power (QPSK 1 RB ALLOCATED AT THE LOWER EDGE)			
Frequency (MHz)	Channel	Output Power	
		(dBm)	(W)
829	20450	22.46	0.17620
836.5	20525	22.41	0.17418
844	20600	22.46	0.17620

Conducted Output Power (QPSK 1 RB ALLOCATED AT THE UPPER EDGE)			
Frequency (MHz)	Channel	Output Power	
		(dBm)	(W)
829	20450	22.53	0.17906
836.5	20525	22.50	0.17783
844	20600	22.49	0.17742

Conducted Output Power (QPSK 50% RB ALLOCATION CENTERED)			
Frequency (MHz)	Channel	Output Power	
		(dBm)	(W)
829	20450	21.33	0.13583
836.5	20525	21.14	0.13002
844	20600	21.40	0.13804

Conducted Output Power (QPSK 100% RB ALLOCATION)			
Frequency (MHz)	Channel	Output Power	
		(dBm)	(W)
829	20450	21.42	0.13868
836.5	20525	21.15	0.13032
844	20600	21.31	0.13521

Remarks:

1. Output Power (dBm) = Raw Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Power Splitter Loss (dB) + Cable Loss (dB) + 20dB Attenuator.
3. The value in bold is the worst.

Channel Bandwidth: 10MHz

Conducted Output Power (16QAM 1 RB ALLOCATED AT THE LOWER EDGE)			
Frequency (MHz)	Channel	Output Power	
		(dBm)	(W)
829	20450	21.46	0.13996
836.5	20525	22.10	0.16218
844	20600	22.12	0.16293

Conducted Output Power (16QAM 1 RB ALLOCATED AT THE UPPER EDGE)			
Frequency (MHz)	Channel	Output Power	
		(dBm)	(W)
829	20450	21.81	0.15171
836.5	20525	21.84	0.15276
844	20600	22.04	0.15996

Conducted Output Power (16QAM 50% RB ALLOCATION CENTERED)			
Frequency (MHz)	Channel	Output Power	
		(dBm)	(W)
829	20450	21.45	0.13964
836.5	20525	21.63	0.14555
844	20600	21.45	0.13964

Conducted Output Power (16QAM 100% RB ALLOCATION)			
Frequency (MHz)	Channel	Output Power	
		(dBm)	(W)
829	20450	21.31	0.13521
836.5	20525	21.32	0.13552
844	20600	21.34	0.13614

Remarks:

1. Output Power (dBm) = Raw Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Power Splitter Loss (dB) + Cable Loss (dB) + 20dB Attenuator.
3. The value in bold is the worst.

LTE Band 2

Channel Bandwidth: 5MHz

Conducted Output Power (QPSK 1 RB ALLOCATED AT THE LOWER EDGE)			
Frequency (MHz)	Channel	Output Power	
		(dBm)	(W)
1852.5	18625	22.54	0.17947
1880	18900	22.56	0.18030
1907.5	19175	21.63	0.14555

Conducted Output Power (QPSK 1 RB ALLOCATED AT THE UPPER EDGE)			
Frequency (MHz)	Channel	Output Power	
		(dBm)	(W)
1852.5	18625	22.67	0.18493
1880	18900	22.39	0.17338
1907.5	19175	22.57	0.18072

Conducted Output Power (QPSK 50% RB ALLOCATION CENTERED)			
Frequency (MHz)	Channel	Output Power	
		(dBm)	(W)
1852.5	18625	21.46	0.13996
1880	18900	21.75	0.14962
1907.5	19175	21.80	0.15136

Conducted Output Power (QPSK 100% RB ALLOCATION)			
Frequency (MHz)	Channel	Output Power	
		(dBm)	(W)
1852.5	18625	21.68	0.14723
1880	18900	21.37	0.13709
1907.5	19175	21.62	0.14521

Remarks:

1. Output Power (dBm) = Raw Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Power Splitter Loss (dB) + Cable Loss (dB) + 20dB Attenuator.
3. The value in bold is the worst.

Channel Bandwidth: 5MHz

Conducted Output Power (16QAM 1 RB ALLOCATED AT THE LOWER EDGE)			
Frequency (MHz)	Channel	Output Power	
		(dBm)	(W)
1852.5	18625	22.70	0.18621
1880	18900	22.54	0.17947
1907.5	19175	21.99	0.15812

Conducted Output Power (16QAM 1 RB ALLOCATED AT THE UPPER EDGE)			
Frequency (MHz)	Channel	Output Power	
		(dBm)	(W)
1852.5	18625	22.45	0.17579
1880	18900	22.71	0.18664
1907.5	19175	21.78	0.15066

Conducted Output Power (16QAM 50% RB ALLOCATION CENTERED)			
Frequency (MHz)	Channel	Output Power	
		(dBm)	(W)
1852.5	18625	21.83	0.15241
1880	18900	21.63	0.14555
1907.5	19175	21.52	0.14191

Conducted Output Power (16QAM 100% RB ALLOCATION)			
Frequency (MHz)	Channel	Output Power	
		(dBm)	(W)
1852.5	18625	21.27	0.13397
1880	18900	21.36	0.13677
1907.5	19175	21.48	0.14060

Remarks:

1. Output Power (dBm) = Raw Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Power Splitter Loss (dB) + Cable Loss (dB) + 20dB Attenuator.
3. The value in bold is the worst.

LTE Band 2

Channel Bandwidth: 10MHz

Conducted Output Power (QPSK 1 RB ALLOCATED AT THE LOWER EDGE)			
Frequency (MHz)	**Channel**	**Output Power**	
		(dBm)	**(W)**
1855	18650	22.51	0.17824
1880	18900	22.12	0.16293
1905	19150	21.85	0.15311

Conducted Output Power (QPSK 1 RB ALLOCATED AT THE UPPER EDGE)			
Frequency (MHz)	**Channel**	**Output Power**	
		(dBm)	**(W)**
1855	18650	22.55	0.17989
1880	18900	22.52	0.17865
1905	19150	21.62	0.14521

Conducted Output Power (QPSK 50% RB ALLOCATION CENTERED)			
Frequency (MHz)	**Channel**	**Output Power**	
		(dBm)	**(W)**
1855	18650	21.50	0.14125
1880	18900	21.30	0.13490
1905	19150	21.52	0.14191

Conducted Output Power (QPSK 100% RB ALLOCATION)			
Frequency (MHz)	**Channel**	**Output Power**	
		(dBm)	**(W)**
1855	18650	21.34	0.13614
1880	18900	21.31	0.13521
1905	19150	21.51	0.14158

Remarks:

1. Output Power (dBm) = Raw Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Power Splitter Loss (dB) + Cable Loss (dB) + 20dB Attenuator.
3. The value in bold is the worst.

Channel Bandwidth: 10MHz

Conducted Output Power (16QAM RB ALLOCATED AT THE LOWER EDGE)			
Frequency (MHz)	Channel	Output Power	
		(dBm)	(W)
1855	18650	22.48	0.17701
1880	18900	22.39	0.17338
1905	19150	21.98	0.15776

Conducted Output Power (16QAM RB ALLOCATED AT THE UPPER EDGE)			
Frequency (MHz)	Channel	Output Power	
		(dBm)	(W)
1855	18650	22.46	0.17620
1880	18900	22.35	0.17179
1905	19150	21.84	0.15276

Conducted Output Power (16QAM 50% RB ALLOCATION CENTERED)			
Frequency (MHz)	Channel	Output Power	
		(dBm)	(W)
1855	18650	21.76	0.14997
1880	18900	21.87	0.15382
1905	19150	22.52	0.17865

Conducted Output Power (16QAM 100% RB ALLOCATION)			
Frequency (MHz)	Channel	Output Power	
		(dBm)	(W)
1855	18650	21.36	0.13677
1880	18900	21.43	0.13900
1905	19150	21.50	0.14125

Remarks:

1. Output Power (dBm) = Raw Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Power Splitter Loss (dB) + Cable Loss (dB) + 20dB Attenuator.
3. The value in bold is the worst.

LTE Band 2

Channel Bandwidth: 20MHz

Conducted Output Power (QPSK 1 RB ALLOCATED AT THE LOWER EDGE)			
Frequency (MHz)	**Channel**	**Output Power**	
		(dBm)	**(W)**
1860	18700	22.41	0.17418
1880	18900	22.24	0.16749
1900	19100	22.50	0.17783

Conducted Output Power (QPSK 1 RB ALLOCATED AT THE UPPER EDGE)			
Frequency (MHz)	**Channel**	**Output Power**	
		(dBm)	**(W)**
1860	18700	22.51	0.17824
1880	18900	22.48	0.17701
1900	19100	21.61	0.14488

Conducted Output Power (QPSK 50% RB ALLOCATION CENTERED)			
Frequency (MHz)	**Channel**	**Output Power**	
		(dBm)	**(W)**
1860	18700	21.36	0.13677
1880	18900	21.31	0.13521
1900	19100	21.51	0.14158

Conducted Output Power (QPSK 100% RB ALLOCATION)			
Frequency (MHz)	**Channel**	**Output Power**	
		(dBm)	**(W)**
1860	18700	21.34	0.13614
1880	18900	21.35	0.13646
1900	19100	21.33	0.13583

Remarks:

1. Output Power (dBm) = Raw Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Power Splitter Loss (dB) + Cable Loss (dB) + 20dB Attenuator.
3. The value in bold is the worst.

Channel Bandwidth: 20MHz

Conducted Output Power (16QAM 1 RB ALLOCATED AT THE LOWER EDGE)			
Frequency (MHz)	Channel	Output Power	
		(dBm)	(W)
1860	18700	22.35	0.17179
1880	18900	21.66	0.14655
1900	19100	22.07	0.16106

Conducted Output Power (16QAM 1 RB ALLOCATED AT THE UPPER EDGE)			
Frequency (MHz)	Channel	Output Power	
		(dBm)	(W)
1860	18700	22.16	0.16444
1880	18900	22.04	0.15996
1900	19100	21.95	0.15668

Conducted Output Power (16QAM 50% RB ALLOCATION CENTERED)			
Frequency (MHz)	Channel	Output Power	
		(dBm)	(W)
1860	18700	21.39	0.13772
1880	18900	21.95	0.15668
1900	19100	21.83	0.15241

Conducted Output Power (16QAM 100% RB ALLOCATION)			
Frequency (MHz)	Channel	Output Power	
		(dBm)	(W)
1860	18700	22.19	0.16558
1880	18900	21.32	0.13552
1900	19100	21.42	0.13868

Remarks:

1. Output Power (dBm) = Raw Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Power Splitter Loss (dB) + Cable Loss (dB) + 20dB Attenuator.
3. The value in bold is the worst.

7.2ERP & EIRP MEASUREMENT

LIMIT

According to FCC §2.1046

FCC 22.913(b): The Effective Radiated Power (ERP) of mobile transmitters must not exceed 7 Watts.

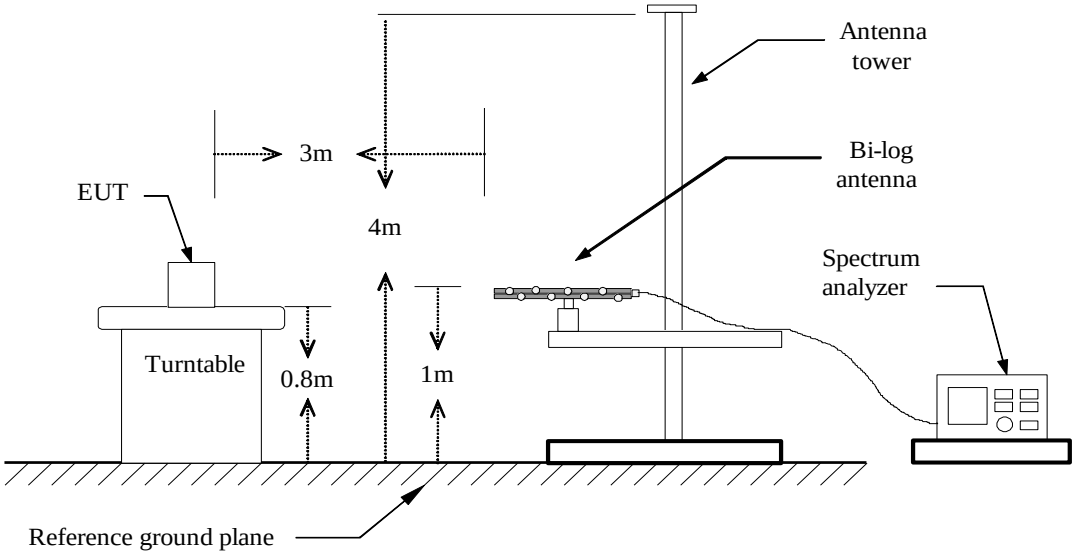
RSS-132 § 4.4 The maximum (ERP) shall be 6.3 Watts for mobile stations.

FCC 24.232(b): The equivalent Isotropic Radiated Power (EIRP) must not exceed 2 Watts.

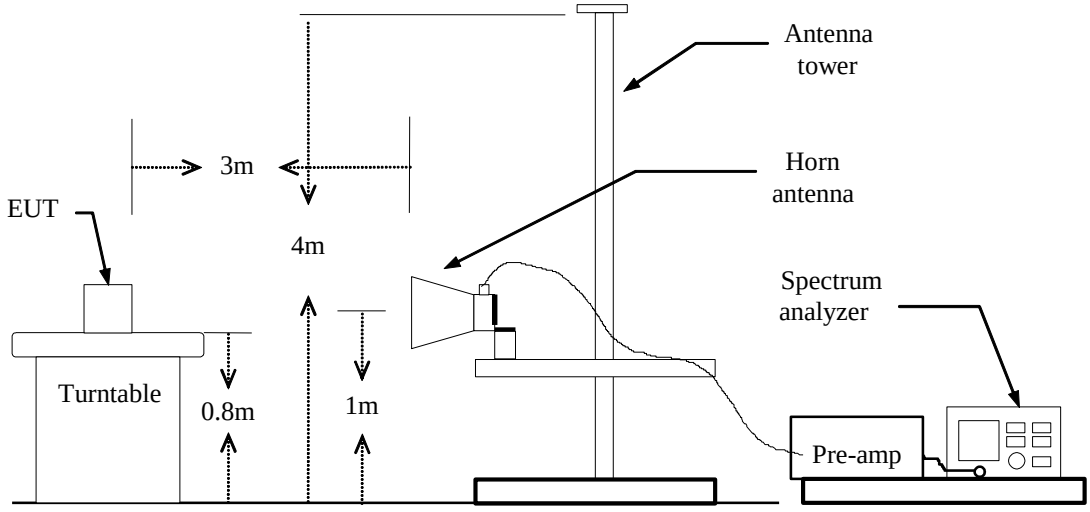
RSS133 § 6.4: Mobile stations and hand-held portables are limited to 2 watts maximum (EIRP).

Test Configuration

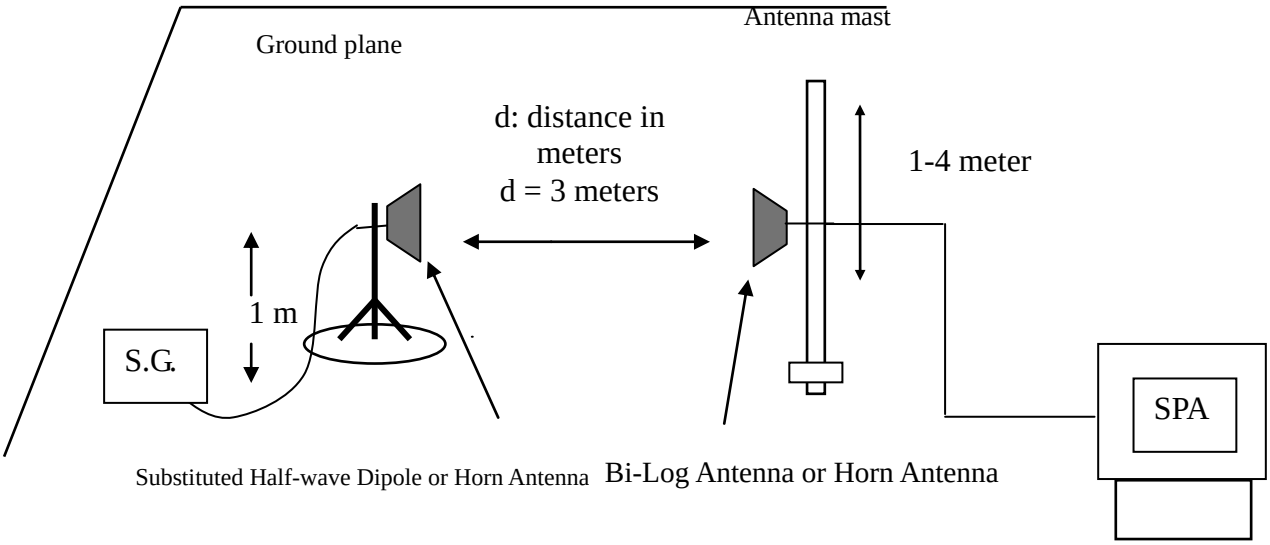
Below 1 GHz



Above 1 GHz



For Substituted Method Test Set-UP



TEST PROCEDURE

The EUT was placed on an non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer.

During the measurement of the EUT, the resolution bandwidth was set to 5MHz and the average bandwidth was set to 50MHz. The highest emission was recorded with the rotation of the turntable and the lowering of the test antenna. The reading was recorded and the field strength (E in dBuV/m) was calculated.

ERP in frequency band 824-849MHz, and EIRP in frequency band 1851.25 –1910MHz were measured using a substitution method. The EUT was replaced by half-wave dipole (824-849MHz) or horn antenna (1851.25-1910MHz) connected to a signal generator. The spectrum analyzer reading was recorded and ERP/EIRP was calculated as follows:

ERP = S.G. output (dBm) + Antenna Gain (dBi) – Cable (dB)-2.15
EIRP = S.G. output (dBm) + Antenna Gain (dBi) – Cable (dB)

TEST RESULTS

No non-compliance noted.

LTE BAND 5

Channel Bandwidth: 5MHz / QPSK

Channel	Frequency (MHz)	Antenna Pol.	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)
20425	824.2900	V	19.36	3.39	6.24	22.21	38.45	-16.24
	824.3600	H	23.74	3.39	6.24	***26.59**	38.45	-11.86
20520	833.7400	V	23.13	3.4	6.34	26.07	38.45	-12.38
	833.9500	H	19.62	3.4	6.34	22.56	38.45	-15.89
20625	844.4500	V	21.47	3.41	6.4	24.46	38.45	-13.99
	844.8000	H	20.62	3.41	6.4	23.61	38.45	-14.84

Channel Bandwidth: 5MHz / 16QAM

Channel	Frequency (MHz)	Antenna Pol.	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)
20425	825.7600	V	20.44	3.39	6.25	***23.30**	38.45	-15.15
	825.9000	H	16.53	3.39	6.26	19.40	38.45	-19.05
20520	834.9300	V	19.8	3.4	6.35	22.75	38.45	-15.70
	834.4400	H	16.96	3.4	6.34	19.90	38.45	-18.55
20625	845.9200	V	18.94	3.4	6.4	21.94	38.45	-16.51
	846.6200	H	18.18	3.4	6.4	21.18	38.45	-17.27

Remark:

1. Output Power (dBm) = Raw Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = S.G Level + Gain of Substitution horn + TX cable loss.
3. The value in bold is the worst.

Channel Bandwidth: 10MHz / QPSK

Channel	Frequency (MHz)	Antenna Pol.	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)
20450	832.3400	V	19.28	3.39	6.32	***22.21**	38.45	-16.24
	832.1300	H	15.28	3.39	6.32	18.21	38.45	-20.24
20520	833.0400	V	18.64	3.4	6.33	21.57	38.45	-16.88
	833.1800	H	15.08	3.4	6.33	18.01	38.45	-20.44
20600	841.0200	V	17.22	3.41	6.4	20.21	38.45	-18.24
	847.0400	H	15.68	3.4	6.4	18.68	38.45	-19.77

Channel Bandwidth: 10MHz / 16QAM

Channel	Frequency (MHz)	Antenna Pol.	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)
20450	830.3100	V	20.22	3.39	6.3	***23.13**	38.45	-15.32
	830.3800	H	16.23	3.39	6.3	19.14	38.45	-19.31
20520	834.1600	V	20.16	3.4	6.34	23.10	38.45	-15.35
	835.7000	H	16.75	3.4	6.36	19.71	38.45	-18.74
20600	841.3700	V	17.78	3.41	6.4	20.77	38.45	-17.68
	845.7800	H	16.22	3.4	6.4	19.22	38.45	-19.23

Remark:
1. Output Power (dBm) = Raw Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = S.G Level + Gain of Substitution horn + TX cable loss.
3. The value in bold is the worst.

LTE BAND 2

Channel Bandwidth: 5MHz / QPSK

Channel	Frequency (MHz)	Antenna Pol.	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)
18625	1851.240	V	12.99	5.37	5.67	13.29	33.00	-19.71
	1851.000	H	18.38	5.37	5.67	18.68	33.00	-14.32
18900	1881.480	V	12.49	5.42	5.61	12.68	33.00	-20.32
	1878.960	H	18.86	5.42	5.62	19.06	33.00	-13.94
19175	1905.600	V	11.95	5.47	5.57	12.05	33.00	-20.95
	1906.320	H	19.08	5.47	5.57	***19.18**	33.00	-13.82

Channel Bandwidth: 5MHz / 16QAM

Channel	Frequency (MHz)	Antenna Pol.	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)
18625	1851.240	V	19.41	5.37	5.67	19.71	33.00	-13.29
	1851.360	H	12.92	5.37	5.67	13.22	33.00	-19.78
18900	1880.520	V	19.53	5.42	5.62	19.73	33.00	-13.27
	1881.360	H	13.15	5.42	5.61	13.34	33.00	-19.66
19175	1906.200	V	19.75	5.47	5.57	***19.85**	33.00	-13.15
	1907.280	H	12.58	5.47	5.57	12.68	33.00	-20.32

Remark:

1. Output Power (dBm) = Raw Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = S.G Level + Gain of Substitution horn + TX cable loss.
3. The value in bold is the worst.

Channel Bandwidth: 10MHz / QPSK

Channel	Frequency (MHz)	Antenna Pol.	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)
18650	1852.200	V	11.5	5.37	5.67	11.80	33.00	-21.20
	1851.720	H	16.59	5.37	5.67	16.89	33.00	-16.11
18900	1882.800	V	11.15	5.42	5.61	11.34	33.00	-21.66
	1882.560	H	17.66	5.42	5.61	***17.85**	33.00	-15.15
19150	1901.760	V	10.43	5.45	5.58	10.56	33.00	-22.44
	1902.000	H	17.33	5.46	5.58	17.45	33.00	-15.55

Channel Bandwidth: 10MHz / 16QAM

Channel	Frequency (MHz)	Antenna Pol.	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)
18650	1852.560	V	17.38	5.37	5.67	17.68	33.00	-15.32
	1851.480	H	11.08	5.37	5.67	11.38	33.00	-21.62
18900	1882.440	V	18.18	5.42	5.61	***18.37**	33.00	-14.63
	1882.800	H	11.58	5.42	5.61	11.77	33.00	-21.23
19150	1904.760	V	18.03	5.46	5.57	18.14	33.00	-14.86
	1904.880	H	11.39	5.46	5.57	11.50	33.00	-21.50

Remark:

1. Output Power (dBm) = Raw Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = S.G Level + Gain of Substitution horn + TX cable loss.
3. The value in bold is the worst.

Channel Bandwidth: 20MHz / QPSK

Channel	Frequency (MHz)	Antenna Pol.	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)
18700	1865.160	V	10.27	5.39	5.64	10.52	33.00	-22.48
	1867.560	H	16.31	5.4	5.64	16.55	33.00	-16.45
18900	1872.360	V	10.1	5.41	5.63	10.32	33.00	-22.68
	1884.600	H	16.84	5.43	5.61	***17.02**	33.00	-15.98
19100	1904.400	V	9.33	5.46	5.57	9.44	33.00	-23.56
	1907.640	H	16	5.47	5.57	16.10	33.00	-16.90

Channel bandwidth: 20MHz / 16QAM

Channel	Frequency (MHz)	Antenna Pol.	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)
18700	1863.480	V	17.42	5.39	5.65	17.68	33.00	-15.32
	1863.120	H	11.71	5.39	5.65	11.97	33.00	-21.03
18900	1882.560	V	18.12	5.42	5.61	***18.31**	33.00	-14.69
	1882.560	H	11.34	5.42	5.61	11.53	33.00	-21.47
19100	1902.720	V	17.35	5.46	5.58	17.47	33.00	-15.53
	1902.600	H	10.95	5.46	5.58	11.07	33.00	-21.93

Remark:

1. Output Power (dBm) = Raw Value (dBm) + Correction Factor (dB).

2. Correction Factor (dB) = S.G Level + Gain of Substitution horn + TX cable loss.

3. The value in bold is the worst.

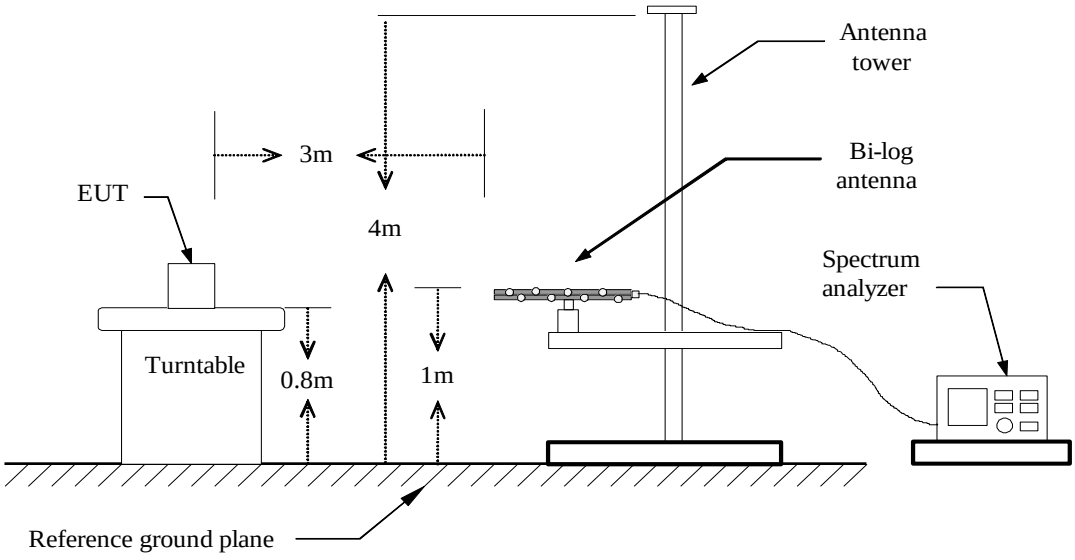
7.3FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

LIMIT

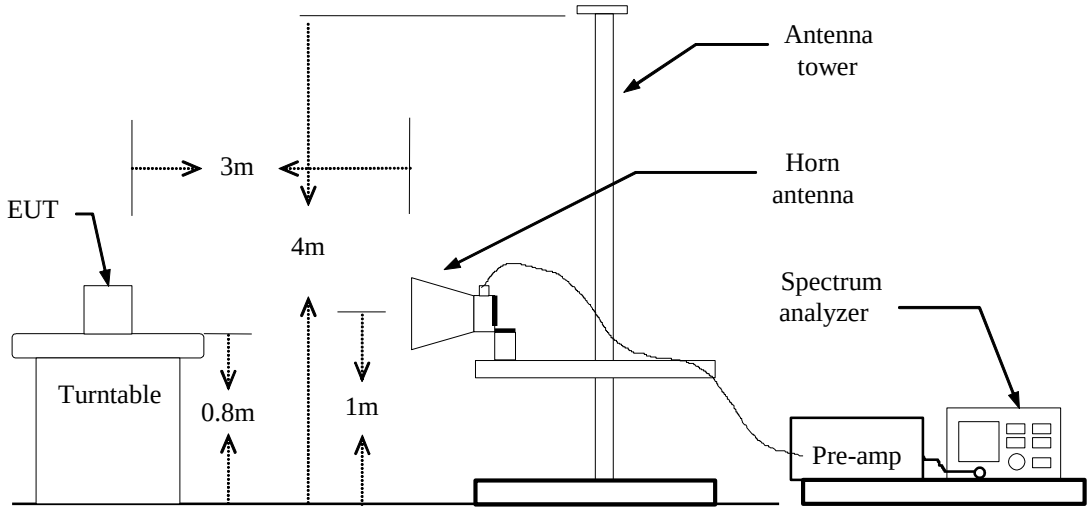
According to FCC §2.1053, RSS-132 (4.6) & RSS-133 (6.5).

Test Configuration

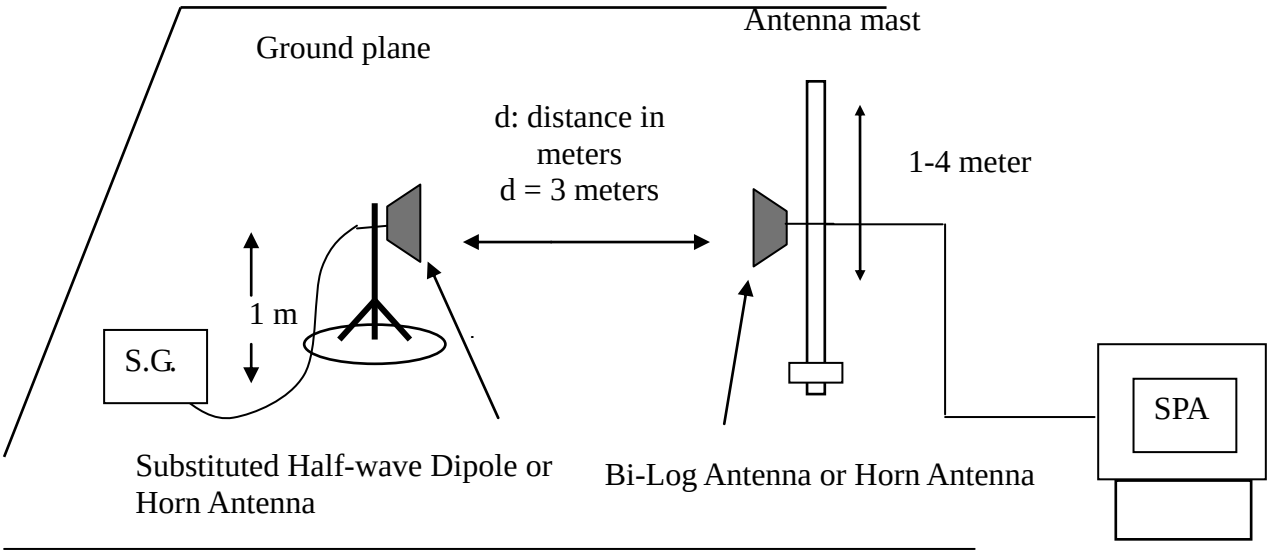
Below 1 GHz



Above 1 GHz



Substituted Method Test Set-up



TEST PROCEDURE

The EUT was placed on a non-conductive, the measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

The frequency range up to tenth harmonic was investigated for each of three fundamental frequency (low, middle and high channels). Once spurious emission were identified, the power of the emission was determined using the substitution method.

The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency.

ERP = S.G. output (dBm) + Antenna Gain (dBd) – Cable (dB)

EIRP = S.G. output (dBm) + Antenna Gain (dBi) – Cable (dB)

TEST RESULTS

Refer to the attached tabular data sheets.

Radiated Spurious Emission Measurement Result / Below 1GHz

LTE Band 5 / channel bandwidth: 5MHz / QPSK

Operation Mode: Tx / Low channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
84.3200	-66.53	1.07	0.39	-67.21	-13.00	-54.21	V
150.2800	-74.04	1.43	0.71	-74.76	-13.00	-61.76	V
306.4500	-85.35	2.12	5.73	-81.74	-13.00	-68.74	V
360.7700	-82.28	2.27	5.71	-78.84	-13.00	-65.84	V
485.9000	-83.61	2.65	5.66	-80.60	-13.00	-67.60	V
562.5300	-82.74	2.85	6.01	-79.58	-13.00	-66.58	V
71.7100	-66.69	0.97	-1.61	-69.27	-13.00	-56.27	H
138.6400	-60.3	1.39	-0.38	-62.07	-13.00	-49.07	H
243.4000	-80.82	1.82	5.43	-77.21	-13.00	-64.21	H
342.3400	-77.36	2.18	5.8	-73.74	-13.00	-60.74	H
481.0500	-79.58	2.64	5.52	-76.70	-13.00	-63.70	H
612.9700	-78.69	2.94	6.23	-75.40	-13.00	-62.40	H

Remark:

1. *The emission behaviour belongs to narrowband spurious emission.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / Middle channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
48.4300	-71.51	0.79	-5.83	-78.13	-13.00	-65.13	V
161.9200	-75.45	1.5	1.61	-75.34	-13.00	-62.34	V
268.6200	-85.91	1.97	5.17	-82.71	-13.00	-69.71	V
342.3400	-81.61	2.18	5.8	-77.99	-13.00	-64.99	V
459.7100	-84.05	2.6	5.88	-80.77	-13.00	-67.77	V
565.4400	-83.34	2.86	6.04	-80.16	-13.00	-67.16	V
71.7100	-66.87	0.97	-1.61	-69.45	-13.00	-56.45	H
138.6400	-60.61	1.39	-0.38	-62.38	-13.00	-49.38	H
243.4000	-81.79	1.82	5.43	-78.18	-13.00	-65.18	H
342.3400	-78.8	2.18	5.8	-75.18	-13.00	-62.18	H
402.4800	-80.26	2.41	5.97	-76.70	-13.00	-63.70	H
459.7100	-80.17	2.6	5.88	-76.89	-13.00	-63.89	H

Remark:

1. *The emission behaviour belongs to narrowband spurious emission.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / High channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
84.3200	-70.76	1.07	0.39	-71.44	-13.00	-58.44	V
138.6400	-67.42	1.39	-0.38	-69.19	-13.00	-56.19	V
174.5300	-77.55	1.59	3	-76.14	-13.00	-63.14	V
203.6300	-84.39	1.65	3.94	-82.10	-13.00	-69.10	V
342.3400	-81.15	2.18	5.8	-77.53	-13.00	-64.53	V
448.0700	-84.99	2.58	5.74	-81.83	-13.00	-68.83	V
191.9900	-79.18	1.62	3.79	-77.01	-13.00	-64.01	H
240.4900	-81.75	1.81	5.34	-78.22	-13.00	-65.22	H
342.3400	-78.33	2.18	5.8	-74.71	-13.00	-61.71	H
516.9400	-80.98	2.7	6.07	-77.61	-13.00	-64.61	H
670.2000	-80.25	3.07	6.3	-77.02	-13.00	-64.02	H
772.0500	-78.66	3.28	6.32	-75.62	-13.00	-62.62	H

Remark:

1. *The emission behaviour belongs to narrowband spurious emission.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

LTE Band 5 / channel bandwidth: 5MHz / 16QAM

Operation Mode: Tx / Low channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-61.68	1.16	-0.64	-63.48	-13.00	-50.48	V
138.6400	-67.02	1.39	-0.38	-68.79	-13.00	-55.79	V
303.5400	-84.49	2.11	5.67	-80.93	-13.00	-67.93	V
360.7700	-80.45	2.27	5.71	-77.01	-13.00	-64.01	V
450.9800	-79.66	2.59	5.74	-76.51	-13.00	-63.51	V
529.5500	-80.53	2.75	6	-77.28	-13.00	-64.28	V
48.4300	-52.36	0.79	-5.83	-58.98	-13.00	-45.98	H
138.6400	-60.18	1.39	-0.38	-61.95	-13.00	-48.95	H
342.3400	-74.26	2.18	5.8	-70.64	-13.00	-57.64	H
382.1100	-75.95	2.31	5.99	-72.27	-13.00	-59.27	H
499.4800	-75.19	2.7	5.89	-72.00	-13.00	-59.00	H
N/A							

Remark:

1. *The emission behaviour belongs to narrowband spurious emission.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / Middle channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-63.15	1.16	-0.64	-64.95	-13.00	-51.95	V
138.6400	-66.79	1.39	-0.38	-68.56	-13.00	-55.56	V
349.1300	-80.53	2.22	5.8	-76.95	-13.00	-63.95	V
448.0700	-80.63	2.58	5.74	-77.47	-13.00	-64.47	V
552.8300	-81.8	2.82	6.14	-78.48	-13.00	-65.48	V
721.6100	-82.77	3.17	6.49	-79.45	-13.00	-66.45	V
48.4300	-52.53	0.79	-5.83	-59.15	-13.00	-46.15	H
78.5000	-57.96	1.03	-0.43	-59.42	-13.00	-46.42	H
138.6400	-60.61	1.39	-0.38	-62.38	-13.00	-49.38	H
342.3400	-74.93	2.18	5.8	-71.31	-13.00	-58.31	H
499.4800	-76.78	2.7	5.89	-73.59	-13.00	-60.59	H
616.8500	-78.27	2.94	6.16	-75.05	-13.00	-62.05	H

Remark:

1. *The emission behaviour belongs to narrowband spurious emission.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / High channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-63.4	1.16	-0.64	-65.20	-13.00	-52.20	V
174.5300	-73.58	1.59	3	-72.17	-13.00	-59.17	V
222.0600	-81.5	1.77	5.34	-77.93	-13.00	-64.93	V
345.2500	-80.24	2.2	5.8	-76.64	-13.00	-63.64	V
448.0700	-80.72	2.58	5.74	-77.56	-13.00	-64.56	V
552.8300	-83.3	2.82	6.14	-79.98	-13.00	-66.98	V
78.5000	-57.5	1.03	-0.43	-58.96	-13.00	-45.96	H
138.6400	-59.64	1.39	-0.38	-61.41	-13.00	-48.41	H
342.3400	-73.88	2.18	5.8	-70.26	-13.00	-57.26	H
415.0900	-77.7	2.45	5.86	-74.29	-13.00	-61.29	H
519.8500	-77.51	2.7	6.1	-74.11	-13.00	-61.11	H
601.3300	-77.53	2.91	6.39	-74.05	-13.00	-61.05	H

Remark:

1. *The emission behaviour belongs to narrowband spurious emission.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

LTE Band 5 / channel bandwidth: 10MHz / QPSK

Operation Mode: Tx / Low channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
138.6400	-66.88	1.39	-0.38	-68.65	-13.00	-55.65	V
174.5300	-78.47	1.59	3	-77.06	-13.00	-64.06	V
342.3400	-81.44	2.18	5.8	-77.82	-13.00	-64.82	V
448.0700	-83.64	2.58	5.74	-80.48	-13.00	-67.48	V
552.8300	-84.16	2.82	6.14	-80.84	-13.00	-67.84	V
658.5600	-83.72	3.05	6.3	-80.47	-13.00	-67.47	V
71.7100	-67.81	0.97	-1.61	-70.39	-13.00	-57.39	H
138.6400	-59.64	1.39	-0.38	-61.41	-13.00	-48.41	H
342.3400	-78.46	2.18	5.8	-74.84	-13.00	-61.84	H
390.8400	-79.82	2.32	6	-76.14	-13.00	-63.14	H
559.6200	-80.66	2.84	6.03	-77.47	-13.00	-64.47	H
687.6600	-80.09	3.12	6.5	-76.71	-13.00	-63.71	H

Remark:

1. *The emission behaviour belongs to narrowband spurious emission.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / Middle channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-69.16	1.16	-0.64	-70.96	-13.00	-57.96	V
138.6400	-67	1.39	-0.38	-68.77	-13.00	-55.77	V
254.0700	-86.25	1.86	5.66	-82.45	-13.00	-69.45	V
342.3400	-80.91	2.18	5.8	-77.29	-13.00	-64.29	V
439.3400	-83.85	2.53	5.9	-80.48	-13.00	-67.48	V
552.8300	-84	2.82	6.14	-80.68	-13.00	-67.68	V
35.8200	-58.97	0.69	-16.52	-76.18	-13.00	-63.18	H
71.7100	-68.09	0.97	-1.61	-70.67	-13.00	-57.67	H
138.6400	-59.63	1.39	-0.38	-61.40	-13.00	-48.40	H
342.3400	-78.38	2.18	5.8	-74.76	-13.00	-61.76	H
402.4800	-80.32	2.41	5.97	-76.76	-13.00	-63.76	H
612.9700	-79.02	2.94	6.23	-75.73	-13.00	-62.73	H

Remark:

1. *The emission behaviour belongs to narrowband spurious emission.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / High channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-63.73	1.16	-0.64	-65.53	-13.00	-52.53	V
138.6400	-66.21	1.39	-0.38	-67.98	-13.00	-54.98	V
174.5300	-74.31	1.59	3	-72.90	-13.00	-59.90	V
222.0600	-82.2	1.77	5.34	-78.63	-13.00	-65.63	V
342.3400	-81.36	2.18	5.8	-77.74	-13.00	-64.74	V
448.0700	-79.79	2.58	5.74	-76.63	-13.00	-63.63	V
71.7100	-67.44	0.97	-1.61	-70.02	-13.00	-57.02	H
150.2800	-64.48	1.43	0.71	-65.20	-13.00	-52.20	H
240.4900	-81.77	1.81	5.34	-78.24	-13.00	-65.24	H
342.3400	-78.82	2.18	5.8	-75.20	-13.00	-62.20	H
393.7500	-79.43	2.34	5.99	-75.78	-13.00	-62.78	H
589.6900	-80	2.89	6.19	-76.70	-13.00	-63.70	H

Remark:

1. *The emission behaviour belongs to narrowband spurious emission.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

LTE Band 5 / channel bandwidth: 10MHz / 16QAM

Operation Mode: Tx / Low channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-64.24	1.16	-0.64	-66.04	-13.00	-53.04	V
174.5300	-73.23	1.59	3	-71.82	-13.00	-58.82	V
268.6200	-83.57	1.97	5.17	-80.37	-13.00	-67.37	V
349.1300	-80.6	2.22	5.8	-77.02	-13.00	-64.02	V
448.0700	-80.46	2.58	5.74	-77.30	-13.00	-64.30	V
529.5500	-80.49	2.75	6	-77.24	-13.00	-64.24	V
78.5000	-58.04	1.03	-0.43	-59.50	-13.00	-46.50	H
138.6400	-59.98	1.39	-0.38	-61.75	-13.00	-48.75	H
297.7200	-80.38	2.08	5.55	-76.91	-13.00	-63.91	H
342.3400	-73.43	2.18	5.8	-69.81	-13.00	-56.81	H
382.1100	-75.57	2.31	5.99	-71.89	-13.00	-58.89	H
516.9400	-76.7	2.7	6.07	-73.33	-13.00	-60.33	H

Remark:

1. *The emission behaviour belongs to narrowband spurious emission.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / Middle channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-64.29	1.16	-0.64	-66.09	-13.00	-53.09	V
161.9200	-71.95	1.5	1.61	-71.84	-13.00	-58.84	V
234.6700	-85.49	1.8	5.38	-81.91	-13.00	-68.91	V
345.2500	-80.2	2.2	5.8	-76.60	-13.00	-63.60	V
448.0700	-79.86	2.58	5.74	-76.70	-13.00	-63.70	V
516.9400	-80.93	2.7	6.07	-77.56	-13.00	-64.56	V
48.4300	-52.84	0.79	-5.83	-59.46	-13.00	-46.46	H
138.6400	-59.24	1.39	-0.38	-61.01	-13.00	-48.01	H
342.3400	-74.31	2.18	5.8	-70.69	-13.00	-57.69	H
415.0900	-77.55	2.45	5.86	-74.14	-13.00	-61.14	H
516.9400	-77.98	2.7	6.07	-74.61	-13.00	-61.61	H
589.6900	-77.03	2.89	6.19	-73.73	-13.00	-60.73	H

Remark:

1. *The emission behaviour belongs to narrowband spurious emission.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / High channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
138.6400	-66.53	1.39	-0.38	-68.30	-13.00	-55.30	V
171.6200	-74.07	1.57	2.69	-72.95	-13.00	-59.95	V
222.0600	-83	1.77	5.34	-79.43	-13.00	-66.43	V
342.3400	-80.74	2.18	5.8	-77.12	-13.00	-64.12	V
448.0700	-79.47	2.58	5.74	-76.31	-13.00	-63.31	V
619.7600	-83.25	2.94	6.11	-80.08	-13.00	-67.08	V
48.4300	-53.03	0.79	-5.83	-59.65	-13.00	-46.65	H
78.5000	-58.07	1.03	-0.43	-59.53	-13.00	-46.53	H
138.6400	-59.2	1.39	-0.38	-60.97	-13.00	-47.97	H
222.0600	-78.97	1.77	5.34	-75.40	-13.00	-62.40	H
342.3400	-74.39	2.18	5.8	-70.77	-13.00	-57.77	H
601.3300	-77.16	2.91	6.39	-73.68	-13.00	-60.68	H

Remark:

1. *The emission behaviour belongs to narrowband spurious emission.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

LTE Band 2 / channel bandwidth: 5MHz / QPSK

Operation Mode: Tx / Low channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-64.69	1.16	-0.64	-66.49	-13.00	-53.49	V
138.6400	-68.15	1.39	-0.38	-69.92	-13.00	-56.92	V
171.6200	-71.67	1.57	2.69	-70.55	-13.00	-57.55	V
354.9500	-82.16	2.25	5.75	-78.66	-13.00	-65.66	V
448.0700	-80.11	2.58	5.74	-76.95	-13.00	-63.95	V
528.5800	-82.24	2.75	6.01	-78.98	-13.00	-65.98	V
71.7100	-68.43	0.97	-1.61	-71.01	-13.00	-58.01	H
138.6400	-58.83	1.39	-0.38	-60.60	-13.00	-47.60	H
240.4900	-81.28	1.81	5.34	-77.75	-13.00	-64.75	H
342.3400	-76.8	2.18	5.8	-73.18	-13.00	-60.18	H
390.8400	-79.27	2.32	6	-75.59	-13.00	-62.59	H
733.2500	-76.11	3.19	6.31	-72.99	-13.00	-59.99	H

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / Middle channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
78.5000	-67.41	1.03	-0.43	-68.87	-13.00	-55.87	V
138.6400	-65.05	1.39	-0.38	-66.82	-13.00	-53.82	V
171.6200	-73.54	1.57	2.69	-72.42	-13.00	-59.42	V
342.3400	-81.77	2.18	5.8	-78.15	-13.00	-65.15	V
448.0700	-80.34	2.58	5.74	-77.18	-13.00	-64.18	V
733.2500	-78.84	3.19	6.31	-75.72	-13.00	-62.72	V
71.7100	-69.11	0.97	-1.61	-71.69	-13.00	-58.69	H
138.6400	-58.66	1.39	-0.38	-60.43	-13.00	-47.43	H
342.3400	-78.64	2.18	5.8	-75.02	-13.00	-62.02	H
402.4800	-80.56	2.41	5.97	-77.00	-13.00	-64.00	H
595.5100	-80.01	2.9	6.31	-76.60	-13.00	-63.60	H
769.1400	-76.54	3.27	6.39	-73.42	-13.00	-60.42	H

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / High channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-63.81	1.16	-0.64	-65.61	-13.00	-52.61	V
171.6200	-72.76	1.57	2.69	-71.64	-13.00	-58.64	V
345.2500	-81.67	2.2	5.8	-78.07	-13.00	-65.07	V
448.0700	-79.85	2.58	5.74	-76.69	-13.00	-63.69	V
745.8600	-78.11	3.2	6.1	-75.21	-13.00	-62.21	V
913.6700	-78.29	3.57	6.6	-75.26	-13.00	-62.26	V
48.4300	-60.42	0.79	-5.83	-67.04	-13.00	-54.04	H
84.3200	-72.67	1.07	0.39	-73.35	-13.00	-60.35	H
138.6400	-58.34	1.39	-0.38	-60.11	-13.00	-47.11	H
342.3400	-79.12	2.18	5.8	-75.50	-13.00	-62.50	H
617.8200	-79.72	2.94	6.14	-76.52	-13.00	-63.52	H
697.3600	-77.19	3.11	6.42	-73.88	-13.00	-60.88	H

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

LTE Band 2 / channel bandwidth: 5MHz / 16QAM

Operation Mode: Tx / Low channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
78.5000	-68.07	1.03	-0.43	-69.53	-13.00	-56.53	V
101.7800	-63.87	1.16	-0.64	-65.67	-13.00	-52.67	V
138.6400	-65.38	1.39	-0.38	-67.15	-13.00	-54.15	V
342.3400	-82.09	2.18	5.8	-78.47	-13.00	-65.47	V
448.0700	-79.58	2.58	5.74	-76.42	-13.00	-63.42	V
733.2500	-78.72	3.19	6.31	-75.60	-13.00	-62.60	V
48.4300	-51.92	0.79	-5.83	-58.54	-13.00	-45.54	H
78.5000	-58.67	1.03	-0.43	-60.13	-13.00	-47.13	H
138.6400	-58.61	1.39	-0.38	-60.38	-13.00	-47.38	H
342.3400	-75.46	2.18	5.8	-71.84	-13.00	-58.84	H
499.4800	-77.09	2.7	5.89	-73.90	-13.00	-60.90	H
733.2500	-73.75	3.19	6.31	-70.63	-13.00	-57.63	H

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / Middle channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
84.3200	-69.49	1.07	0.39	-70.17	-13.00	-57.17	V
138.6400	-65.44	1.39	-0.38	-67.21	-13.00	-54.21	V
171.6200	-74.13	1.57	2.69	-73.01	-13.00	-60.01	V
321.9700	-83.55	2.18	5.7	-80.03	-13.00	-67.03	V
369.5000	-84.22	2.3	5.8	-80.72	-13.00	-67.72	V
450.9800	-81.99	2.59	5.74	-78.84	-13.00	-65.84	V
48.4300	-52.02	0.79	-5.83	-58.64	-13.00	-45.64	H
78.5000	-58.49	1.03	-0.43	-59.95	-13.00	-46.95	H
138.6400	-58.48	1.39	-0.38	-60.25	-13.00	-47.25	H
342.3400	-74.1	2.18	5.8	-70.48	-13.00	-57.48	H
354.9500	-77.14	2.25	5.75	-73.64	-13.00	-60.64	H
733.2500	-73.73	3.19	6.31	-70.61	-13.00	-57.61	H

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / High channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
48.4300	-68.96	0.79	-5.83	-75.58	-13.00	-62.58	V
101.7800	-63.96	1.16	-0.64	-65.76	-13.00	-52.76	V
138.6400	-66.14	1.39	-0.38	-67.91	-13.00	-54.91	V
171.6200	-73.9	1.57	2.69	-72.78	-13.00	-59.78	V
345.2500	-81.45	2.2	5.8	-77.85	-13.00	-64.85	V
673.1100	-81.04	3.08	6.36	-77.76	-13.00	-64.76	V
78.5000	-58.91	1.03	-0.43	-60.37	-13.00	-47.37	H
138.6400	-58.79	1.39	-0.38	-60.56	-13.00	-47.56	H
150.2800	-64.5	1.43	0.71	-65.22	-13.00	-52.22	H
342.3400	-74.62	2.18	5.8	-71.00	-13.00	-58.00	H
529.5500	-79.29	2.75	6	-76.04	-13.00	-63.04	H
733.2500	-74.19	3.19	6.31	-71.07	-13.00	-58.07	H

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

LTE Band 4 / channel bandwidth: 10MHz / QPSK

Operation Mode: Tx / Low channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-64.37	1.16	-0.64	-66.17	-13.00	-53.17	V
138.6400	-68.56	1.39	-0.38	-70.33	-13.00	-57.33	V
150.2800	-76.57	1.43	0.71	-77.29	-13.00	-64.29	V
345.2500	-84.26	2.2	5.8	-80.66	-13.00	-67.66	V
484.9300	-84.81	2.65	5.63	-81.83	-13.00	-68.83	V
628.4900	-84.73	2.97	6.18	-81.52	-13.00	-68.52	V
78.5000	-60.76	1.03	-0.43	-62.22	-13.00	-49.22	H
138.6400	-60.31	1.39	-0.38	-62.08	-13.00	-49.08	H
342.3400	-75.31	2.18	5.8	-71.69	-13.00	-58.69	H
564.4700	-78.7	2.86	6.03	-75.53	-13.00	-62.53	H
721.6100	-77.76	3.17	6.49	-74.44	-13.00	-61.44	H
769.1400	-74.08	3.27	6.39	-70.96	-13.00	-57.96	H

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / Middle channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
78.5000	-71.53	1.03	-0.43	-72.99	-13.00	-59.99	V
138.6400	-65.77	1.39	-0.38	-67.54	-13.00	-54.54	V
171.6200	-74.93	1.57	2.69	-73.81	-13.00	-60.81	V
330.7000	-82.56	2.16	5.71	-79.01	-13.00	-66.01	V
516.9400	-85.18	2.7	6.07	-81.81	-13.00	-68.81	V
731.3100	-83.42	3.18	6.37	-80.23	-13.00	-67.23	V
78.5000	-58.67	1.03	-0.43	-60.13	-13.00	-47.13	H
138.6400	-58.6	1.39	-0.38	-60.37	-13.00	-47.37	H
171.6200	-67.54	1.57	2.69	-66.42	-13.00	-53.42	H
342.3400	-74.18	2.18	5.8	-70.56	-13.00	-57.56	H
645.9500	-79.18	3.02	6.21	-75.99	-13.00	-62.99	H
733.2500	-74.17	3.19	6.31	-71.05	-13.00	-58.05	H

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / High channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
84.3200	-71.79	1.07	0.39	-72.47	-13.00	-59.47	V
138.6400	-66.01	1.39	-0.38	-67.78	-13.00	-54.78	V
171.6200	-75.76	1.57	2.69	-74.64	-13.00	-61.64	V
319.0600	-83.64	2.17	5.71	-80.10	-13.00	-67.10	V
402.4800	-87.21	2.41	5.97	-83.65	-13.00	-70.65	V
516.9400	-84.15	2.7	6.07	-80.78	-13.00	-67.78	V
78.5000	-59.85	1.03	-0.43	-61.31	-13.00	-48.31	H
138.6400	-59.57	1.39	-0.38	-61.34	-13.00	-48.34	H
321.9700	-80.62	2.18	5.7	-77.10	-13.00	-64.10	H
379.2000	-78.11	2.31	5.98	-74.44	-13.00	-61.44	H
601.3300	-77.02	2.91	6.39	-73.54	-13.00	-60.54	H
733.2500	-77.09	3.19	6.31	-73.97	-13.00	-60.97	H

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

LTE Band 4 / channel bandwidth: 10MHz / 16QAM

Operation Mode: Tx / Low channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
78.5000	-69.02	1.03	-0.43	-70.48	-13.00	-57.48	V
138.6400	-65.6	1.39	-0.38	-67.37	-13.00	-54.37	V
171.6200	-73.42	1.57	2.69	-72.30	-13.00	-59.30	V
342.3400	-82	2.18	5.8	-78.38	-13.00	-65.38	V
448.0700	-82.93	2.58	5.74	-79.77	-13.00	-66.77	V
733.2500	-78.96	3.19	6.31	-75.84	-13.00	-62.84	V
78.5000	-58.71	1.03	-0.43	-60.17	-13.00	-47.17	H
138.6400	-58.45	1.39	-0.38	-60.22	-13.00	-47.22	H
171.6200	-69.19	1.57	2.69	-68.07	-13.00	-55.07	H
342.3400	-74.56	2.18	5.8	-70.94	-13.00	-57.94	H
516.9400	-78.92	2.7	6.07	-75.55	-13.00	-62.55	H
589.6900	-76.8	2.89	6.19	-73.50	-13.00	-60.50	H

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / Middle channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-63.61	1.16	-0.64	-65.41	-13.00	-52.41	V
171.6200	-74.38	1.57	2.69	-73.26	-13.00	-60.26	V
366.5900	-80.82	2.29	5.77	-77.34	-13.00	-64.34	V
448.0700	-79.69	2.58	5.74	-76.53	-13.00	-63.53	V
619.7600	-81.12	2.94	6.11	-77.95	-13.00	-64.95	V
733.2500	-77.77	3.19	6.31	-74.65	-13.00	-61.65	V
48.4300	-51.87	0.79	-5.83	-58.49	-13.00	-45.49	H
78.5000	-59.01	1.03	-0.43	-60.47	-13.00	-47.47	H
138.6400	-58.65	1.39	-0.38	-60.42	-13.00	-47.42	H
342.3400	-74.99	2.18	5.8	-71.37	-13.00	-58.37	H
472.3200	-78.44	2.62	5.72	-75.34	-13.00	-62.34	H
769.1400	-73.18	3.27	6.39	-70.06	-13.00	-57.06	H

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / High channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
84.3200	-71.79	1.07	0.39	-72.47	-13.00	-59.47	V
138.6400	-66.01	1.39	-0.38	-67.78	-13.00	-54.78	V
171.6200	-75.76	1.57	2.69	-74.64	-13.00	-61.64	V
345.2500	-83.31	2.2	5.8	-79.71	-13.00	-66.71	V
449.0400	-84.82	2.59	5.72	-81.69	-13.00	-68.69	V
766.2300	-81.92	3.25	6.36	-78.81	-13.00	-65.81	V
78.5000	-58.34	1.03	-0.43	-59.80	-13.00	-46.80	H
138.6400	-58.21	1.39	-0.38	-59.98	-13.00	-46.98	H
342.3400	-74.6	2.18	5.8	-70.98	-13.00	-57.98	H
529.5500	-77.09	2.75	6	-73.84	-13.00	-60.84	H
589.6900	-78.14	2.89	6.19	-74.84	-13.00	-61.84	H
733.2500	-74.86	3.19	6.31	-71.74	-13.00	-58.74	H

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

LTE Band 2 / channel bandwidth: 20MHz / QPSK

Operation Mode: Tx / Low channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
84.3200	-73.15	1.07	0.39	-73.83	-13.00	-60.83	V
101.7800	-68.27	1.16	-0.64	-70.07	-13.00	-57.07	V
138.6400	-66	1.39	-0.38	-67.77	-13.00	-54.77	V
171.6200	-74.57	1.57	2.69	-73.45	-13.00	-60.45	V
342.3400	-81.35	2.18	5.8	-77.73	-13.00	-64.73	V
435.4600	-83.55	2.51	5.86	-80.20	-13.00	-67.20	V
48.4300	-51.99	0.79	-5.83	-58.61	-13.00	-45.61	H
78.5000	-58.11	1.03	-0.43	-59.57	-13.00	-46.57	H
138.6400	-59.23	1.39	-0.38	-61.00	-13.00	-48.00	H
342.3400	-74.81	2.18	5.8	-71.19	-13.00	-58.19	H
499.4800	-76.57	2.7	5.89	-73.38	-13.00	-60.38	H
769.1400	-76.01	3.27	6.39	-72.89	-13.00	-59.89	H

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / Middle channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
138.6400	-66.45	1.39	-0.38	-68.22	-13.00	-55.22	V
180.3500	-82.26	1.61	3.62	-80.25	-13.00	-67.25	V
342.3400	-82.19	2.18	5.8	-78.57	-13.00	-65.57	V
448.0700	-83.57	2.58	5.74	-80.41	-13.00	-67.41	V
685.7200	-81.18	3.11	6.5	-77.79	-13.00	-64.79	V
733.2500	-78.85	3.19	6.31	-75.73	-13.00	-62.73	V
243.4000	-79.15	1.82	5.43	-75.54	-13.00	-62.54	H
342.3400	-78.81	2.18	5.8	-75.19	-13.00	-62.19	H
492.6900	-79.53	2.68	5.82	-76.39	-13.00	-63.39	H
644.0100	-79.74	3.02	6.17	-76.59	-13.00	-63.59	H
745.8600	-75.3	3.2	6.1	-72.40	-13.00	-59.40	H
837.0400	-77.61	3.4	6.37	-74.64	-13.00	-61.64	H

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / High channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-68.4	1.16	-0.64	-70.20	-13.00	-57.20	V
138.6400	-66.3	1.39	-0.38	-68.07	-13.00	-55.07	V
297.7200	-85.72	2.08	5.55	-82.25	-13.00	-69.25	V
439.3400	-83.94	2.53	5.9	-80.57	-13.00	-67.57	V
596.4800	-82.83	2.9	6.33	-79.40	-13.00	-66.40	V
685.7200	-81.46	3.11	6.5	-78.07	-13.00	-65.07	V
138.6400	-58.24	1.39	-0.38	-60.01	-13.00	-47.01	H
150.2800	-64.35	1.43	0.71	-65.07	-13.00	-52.07	H
243.4000	-79.95	1.82	5.43	-76.34	-13.00	-63.34	H
461.6500	-81.57	2.6	5.86	-78.31	-13.00	-65.31	H
745.8600	-75.35	3.2	6.1	-72.45	-13.00	-59.45	H
839.9500	-77.51	3.41	6.4	-74.52	-13.00	-61.52	H

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

LTE Band 2 / channel bandwidth: 20MHz / 16QAM

Operation Mode: Tx / Low channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-63.71	1.16	-0.64	-65.51	-13.00	-52.51	V
171.6200	-71.74	1.57	2.69	-70.62	-13.00	-57.62	V
342.3400	-81.38	2.18	5.8	-77.76	-13.00	-64.76	V
448.0700	-79.98	2.58	5.74	-76.82	-13.00	-63.82	V
673.1100	-79.11	3.08	6.36	-75.83	-13.00	-62.83	V
745.8600	-79.05	3.2	6.1	-76.15	-13.00	-63.15	V
48.4300	-55.75	0.79	-5.83	-62.37	-13.00	-49.37	H
78.5000	-58.69	1.03	-0.43	-60.15	-13.00	-47.15	H
138.6400	-58.57	1.39	-0.38	-60.34	-13.00	-47.34	H
342.3400	-74.47	2.18	5.8	-70.85	-13.00	-57.85	H
415.0900	-76	2.45	5.86	-72.59	-13.00	-59.59	H
757.5000	-74.42	3.22	6.25	-71.39	-13.00	-58.39	H

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / Middle channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
138.6400	-65.99	1.39	-0.38	-67.76	-13.00	-54.76	V
174.5300	-76.15	1.59	3	-74.74	-13.00	-61.74	V
342.3400	-81.77	2.18	5.8	-78.15	-13.00	-65.15	V
469.4100	-84.86	2.62	5.79	-81.69	-13.00	-68.69	V
673.1100	-79.95	3.08	6.36	-76.67	-13.00	-63.67	V
883.6000	-80.07	3.48	6.7	-76.85	-13.00	-63.85	V
78.5000	-57.33	1.03	-0.43	-58.79	-13.00	-45.79	H
138.6400	-58.42	1.39	-0.38	-60.19	-13.00	-47.19	H
342.3400	-74.4	2.18	5.8	-70.78	-13.00	-57.78	H
529.5500	-76.99	2.75	6	-73.74	-13.00	-60.74	H
745.8600	-72.93	3.2	6.1	-70.03	-13.00	-57.03	H
859.3500	-76.13	3.43	6.4	-73.16	-13.00	-60.16	H

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / High channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
101.7800	-63.57	1.16	-0.64	-65.37	-13.00	-52.37	V
171.6200	-73.58	1.57	2.69	-72.46	-13.00	-59.46	V
177.4400	-77.75	1.6	3.31	-76.04	-13.00	-63.04	V
319.0600	-84.09	2.17	5.71	-80.55	-13.00	-67.55	V
342.3400	-81.08	2.18	5.8	-77.46	-13.00	-64.46	V
450.9800	-80.64	2.59	5.74	-77.49	-13.00	-64.49	V
71.7100	-68.38	0.97	-1.61	-70.96	-13.00	-57.96	H
342.3400	-78.24	2.18	5.8	-74.62	-13.00	-61.62	H
390.8400	-79.95	2.32	6	-76.27	-13.00	-63.27	H
459.7100	-81.08	2.6	5.88	-77.80	-13.00	-64.80	H
562.5300	-80.61	2.85	6.01	-77.45	-13.00	-64.45	H
625.5800	-79.1	2.96	6.16	-75.90	-13.00	-62.90	H

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Above 1GHz

LTE Band 5 / channel bandwidth: 5MHz / QPSK

Operation Mode: Tx / Low channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3961.000	-54.78	8.37	9.36	-53.79	-13.00	-40.79	V
5200.000	-55.53	9.56	10.68	-54.41	-13.00	-41.41	V
N/A							
1966.000	-56.13	5.63	5.46	-56.30	-13.00	-43.30	H
3870.000	-53.82	8.35	9.27	-52.90	-13.00	-39.90	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / Middle channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1966.000	-53.45	5.63	5.46	-53.62	-13.00	-40.62	V
3912.000	-54.9	8.39	9.31	-53.98	-13.00	-40.98	V
N/A							
4178.000	-54.45	8.48	9.54	-53.39	-13.00	-40.39	H
4654.000	-53.64	9.13	10.05	-52.72	-13.00	-39.72	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / High channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1966.000	-57.53	5.63	5.46	-57.70	-13.00	-44.70	V
2932.000	-57.94	7.11	7.22	-57.83	-13.00	-44.83	V
N/A							
6733.000	-52.12	11.3	11.58	-51.84	-13.00	-38.84	H
7335.000	-47.04	12.06	12.44	-46.66	-13.00	-33.66	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

LTE Band 5 / channel bandwidth: 5MHz / 16QAM

Operation Mode: Tx / Low channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
2484.000	-55.88	6.32	6.08	-56.12	-13.00	-43.12	V
5228.000	-53.63	9.59	10.69	-52.53	-13.00	-39.53	V
N/A							
1966.000	-55.36	5.63	5.46	-55.53	-13.00	-42.53	H
3975.000	-54.17	8.36	9.38	-53.15	-13.00	-40.15	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / Middle channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1966.000	-50.13	5.63	5.46	-50.30	-13.00	-37.30	V
4423.000	-53.98	8.7	9.74	-52.94	-13.00	-39.94	V
N/A							
2204.000	-56.55	5.95	5.69	-56.81	-13.00	-43.81	H
4227.000	-53.61	8.52	9.58	-52.55	-13.00	-39.55	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / High channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3807.000	-54.74	8.27	9.21	-53.80	-13.00	-40.80	V
4738.000	-54.25	9.2	10.18	-53.27	-13.00	-40.27	V
N/A							
3611.000	-55.27	8.12	9.01	-54.38	-13.00	-41.38	H
4962.000	-54.01	9.35	10.54	-52.82	-13.00	-39.82	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

LTE Band 5 / channel bandwidth: 10MHz / QPSK

Operation Mode: Tx / Low channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
4612.000	-54.29	9.13	9.98	-53.44	-13.00	-40.44	V
5466.000	-55.52	9.9	10.79	-54.63	-13.00	-41.63	V
N/A							
4269.000	-53.99	8.57	9.62	-52.94	-13.00	-39.94	H
4983.000	-54.65	9.38	10.57	-53.46	-13.00	-40.46	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / Middle channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3968.000	-55.09	8.36	9.37	-54.08	-13.00	-41.08	V
4843.000	-55.05	9.29	10.35	-53.99	-13.00	-40.99	V
N/A							
4801.000	-54.23	9.32	10.28	-53.27	-13.00	-40.27	H
7188.000	-47.09	11.85	12.2	-46.74	-13.00	-33.74	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / High channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
4388.000	-54.58	8.64	9.71	-53.51	-13.00	-40.51	V
7440.000	-47.47	12.16	12.6	-47.03	-13.00	-34.03	V
N/A							
4045.000	-54.42	8.4	9.44	-53.38	-13.00	-40.38	H
7510.000	-47.26	12.25	12.71	-46.80	-13.00	-33.80	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

LTE Band 5 / channel bandwidth: 10MHz / 16QAM

Operation Mode: Tx / Low channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1966.000	-54.26	5.63	5.46	-54.43	-13.00	-41.43	V
3548.000	-56.38	7.99	8.95	-55.42	-13.00	-42.42	V
N/A							
1966.000	-54.74	5.63	5.46	-54.91	-13.00	-41.91	H
3926.000	-54.07	8.38	9.33	-53.12	-13.00	-40.12	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / Middle channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
1966.000	-52.34	5.63	5.46	-52.51	-13.00	-39.51	V
3884.000	-55.29	8.37	9.28	-54.38	-13.00	-41.38	V
N/A							
1966.000	-57.06	5.63	5.46	-57.23	-13.00	-44.23	H
3877.000	-53.62	8.36	9.28	-52.70	-13.00	-39.70	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / High channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3863.000	-55.53	8.34	9.26	-54.61	-13.00	-41.61	V
4682.000	-54.49	9.13	10.09	-53.53	-13.00	-40.53	V
N/A							
4045.000	-52.94	8.4	9.44	-51.90	-13.00	-38.90	H
4976.000	-54.05	9.37	10.56	-52.86	-13.00	-39.86	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

LTE Band 2 / channel bandwidth: 5MHz / QPSK

Operation Mode: Tx / Low channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3702.000	-38.71	8.2	9.1	-37.81	-13.00	-24.81	V
7405.000	-39.3	12.1	12.55	-38.85	-13.00	-25.85	V
N/A							
3709.000	-43.67	8.21	9.11	-42.77	-13.00	-29.77	H
4703.000	-53.19	9.14	10.12	-52.21	-13.00	-39.21	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / Middle channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3765.000	-38.64	8.24	9.16	-37.72	-13.00	-24.72	V
7517.000	-41.06	12.24	12.72	-40.58	-13.00	-27.58	V
N/A							
3765.000	-45.64	8.24	9.16	-44.72	-13.00	-31.72	H
4724.000	-53.32	9.18	10.16	-52.34	-13.00	-39.34	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / High channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3814.000	-37.71	8.28	9.21	-36.78	-13.00	-23.78	V
7629.000	-40.19	12.22	12.83	-39.58	-13.00	-26.58	V
N/A							
3814.000	-45.75	8.28	9.21	-44.82	-13.00	-31.82	H
7335.000	-46.29	12.06	12.44	-45.91	-13.00	-32.91	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

LTE Band 2 / channel bandwidth: 5MHz / 16QAM

Operation Mode:	Tx / Low channel	**Test Date:**	May 31, 2015
Temperature:	26°C	**Tested by:**	David Shu
Humidity:	60 % RH	**Polarity:**	Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3702.000	-38.47	8.2	9.1	-37.57	-13.00	-24.57	V
7405.000	-38.75	12.1	12.55	-38.30	-13.00	-25.30	V
N/A							
3702.000	-45.33	8.2	9.1	-44.43	-13.00	-31.43	H
5200.000	-53.76	9.56	10.68	-52.64	-13.00	-39.64	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / Middle channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3758.000	-39.85	8.23	9.16	-38.92	-13.00	-25.92	V
7524.000	-41.05	12.23	12.72	-40.56	-13.00	-27.56	V
N/A							
3758.000	-46.71	8.23	9.16	-45.78	-13.00	-32.78	H
5067.000	-53.3	9.44	10.63	-52.11	-13.00	-39.11	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / High channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3814.000	-37.49	8.28	9.21	-36.56	-13.00	-23.56	V
6656.000	-51.79	11.27	11.49	-51.57	-13.00	-38.57	V
7629.000	-40.59	12.22	12.83	-39.98	-13.00	-26.98	V
N/A							
3814.000	-45.41	8.28	9.21	-44.48	-13.00	-31.48	H
5718.000	-52.08	10.21	10.84	-51.45	-13.00	-38.45	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

LTE Band 2 / channel bandwidth: 10MHz / QPSK

Operation Mode: Tx / Low channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3716.000	-41.38	8.21	9.12	-40.47	-13.00	-27.47	V
4465.000	-53.57	8.82	9.77	-52.62	-13.00	-39.62	V
N/A							
3716.000	-48	8.21	9.12	-47.09	-13.00	-34.09	H
4318.000	-53.3	8.61	9.65	-52.26	-13.00	-39.26	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / Middle channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
2939.000	-55.13	7.1	7.24	-54.99	-13.00	-41.99	V
3758.000	-42.92	8.23	9.16	-41.99	-13.00	-28.99	V
N/A							
3758.000	-48.95	8.23	9.16	-48.02	-13.00	-35.02	H
5053.000	-54.19	9.43	10.62	-53.00	-13.00	-40.00	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / High channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3807.000	-40.61	8.27	9.21	-39.67	-13.00	-26.67	V
5718.000	-52.87	10.21	10.84	-52.24	-13.00	-39.24	V
N/A							
3121.000	-56.08	7.19	7.76	-55.51	-13.00	-42.51	H
3807.000	-48	8.27	9.21	-47.06	-13.00	-34.06	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

LTE Band 2 / channel bandwidth: 10MHz / 16QAM

Operation Mode: Tx / Low channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3709.000	-41.04	8.21	9.11	-40.14	-13.00	-27.14	V
4717.000	-54.4	9.16	10.15	-53.41	-13.00	-40.41	V
N/A							
3709.000	-48.01	8.21	9.11	-47.11	-13.00	-34.11	H
4976.000	-53.43	9.37	10.56	-52.24	-13.00	-39.24	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / Middle channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3758.000	-41.56	8.23	9.16	-40.63	-13.00	-27.63	V
4864.000	-53.86	9.28	10.38	-52.76	-13.00	-39.76	V
N/A							
3758.000	-48.93	8.23	9.16	-48.00	-13.00	-35.00	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / High channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3814.000	-40.97	8.28	9.21	-40.04	-13.00	-27.04	V
5711.000	-53.19	10.19	10.84	-52.54	-13.00	-39.54	V
N/A							
2967.000	-55.49	7.06	7.31	-55.24	-13.00	-42.24	H
3807.000	-46.75	8.27	9.21	-45.81	-13.00	-32.81	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

LTE Band 2 / channel bandwidth: 20MHz / QPSK

Operation Mode: Tx / Low channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3086.000	-56.95	7.15	7.66	-56.44	-13.00	-43.44	V
3716.000	-44.69	8.21	9.12	-43.78	-13.00	-30.78	V
N/A							
3716.000	-49.58	8.21	9.12	-48.67	-13.00	-35.67	H
7363.000	-45.85	12.07	12.48	-45.44	-13.00	-32.44	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / Middle channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3765.000	-51.14	8.24	9.16	-50.22	-13.00	-37.22	V
N/A							
2988.000	-54.32	7.03	7.37	-53.98	-13.00	-40.98	H
3758.000	-50.59	8.23	9.16	-49.66	-13.00	-36.66	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / High channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3814.000	-43.11	8.28	9.21	-42.18	-13.00	-29.18	V
5711.000	-54.58	10.19	10.84	-53.93	-13.00	-40.93	V
N/A							
3807.000	-49.7	8.27	9.21	-48.76	-13.00	-35.76	H
4374.000	-53.15	8.63	9.7	-52.08	-13.00	-39.08	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

LTE Band 2 / channel bandwidth: 20MHz / 16QAM

Operation Mode: Tx / Low channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
2806.000	-56.93	6.83	6.9	-56.86	-13.00	-43.86	V
3723.000	-44.27	8.21	9.12	-43.36	-13.00	-30.36	V
N/A							
3709.000	-50.46	8.21	9.11	-49.56	-13.00	-36.56	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / Middle channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
2995.000	-56.28	7.02	7.39	-55.91	-13.00	-42.91	V
3758.000	-43.74	8.23	9.16	-42.81	-13.00	-29.81	V
N/A							
3121.000	-56.37	7.19	7.76	-55.80	-13.00	-42.80	H
3758.000	-51.5	8.23	9.16	-50.57	-13.00	-37.57	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*

Operation Mode: Tx / High channel **Test Date:** May 31, 2015

Temperature: 26°C **Tested by:** David Shu

Humidity: 60 % RH **Polarity:** Ver. / Hor.

Frequency (MHz)	S.G. (dBm)	Cable loss (dB)	Ant.Gain (dBi)	Emission level (dBm)	Limit (dBm)	Margin (dB)	Antenna Polarization (V/H)
3142.000	-56.25	7.21	7.83	-55.63	-13.00	-42.63	V
3814.000	-42.43	8.28	9.21	-41.50	-13.00	-28.50	V
N/A							
3814.000	-49.42	8.28	9.21	-48.49	-13.00	-35.49	H
4794.000	-53	9.31	10.27	-52.04	-13.00	-39.04	H
N/A							

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*